

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111122\
 Data File : VN075242.D
 Acq On : 11 Nov 2022 12:53
 Operator : JC\MD
 Sample : VN1111WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/14/2022
 Supervised By : Mahesh Dadoda 11/14/2022

Quant Time: Nov 14 03:44:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	108260	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	194242	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	181195	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	88590	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	70562	48.374	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.740%		
35) Dibromofluoromethane	8.171	113	60806	53.325	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	106.640%		
50) Toluene-d8	10.571	98	216817	49.009	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.020%		
62) 4-Bromofluorobenzene	12.847	95	80523	51.814	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.620%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	24538	17.423	ug/l	95
3) Chloromethane	2.371	50	24570	16.425	ug/l	98
4) Vinyl Chloride	2.524	62	35216	16.502	ug/l	98
5) Bromomethane	2.918	94	32671	18.306	ug/l	100
6) Chloroethane	3.100	64	25271	16.514	ug/l	96
7) Trichlorofluoromethane	3.489	101	44060	20.211	ug/l	100
8) Diethyl Ether	3.971	74	16312	20.514	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.377	101	24925	20.703	ug/l	99
10) Methyl Iodide	4.595	142	37464	20.902	ug/l	97
11) Tert butyl alcohol	5.547	59	30132	88.580	ug/l	96
12) 1,1-Dichloroethene	4.347	96	23097	20.127	ug/l #	81
13) Acrolein	4.189	56	18903	67.938	ug/l	96
14) Allyl chloride	5.036	41	31466	18.774	ug/l	95
15) Acrylonitrile	5.730	53	70046	97.478	ug/l	100
16) Acetone	4.447	43	57089	92.431	ug/l	98
17) Carbon Disulfide	4.712	76	55004	19.060	ug/l #	90
18) Methyl Acetate	5.042	43	39213	19.436	ug/l	93
19) Methyl tert-butyl Ether	5.806	73	84065	19.709	ug/l	98
20) Methylene Chloride	5.289	84	29892	21.706	ug/l	90
21) trans-1,2-Dichloroethene	5.800	96	25602	20.376	ug/l	96
22) Diisopropyl ether	6.683	45	70803	19.142	ug/l	100
23) Vinyl Acetate	6.612	43	286463m	92.747	ug/l	
24) 1,1-Dichloroethane	6.583	63	45592	19.490	ug/l	99
25) 2-Butanone	7.494	43	91052	93.725	ug/l	98
26) 2,2-Dichloropropane	7.494	77	40566	18.850	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	30510	20.333	ug/l	97
28) Bromochloromethane	7.818	49	18982	19.249	ug/l	94
29) Tetrahydrofuran	7.847	42	59158	94.236	ug/l	100
30) Chloroform	7.971	83	51288	20.193	ug/l	99
31) Cyclohexane	8.265	56	41083	18.937	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	46293	20.071	ug/l	94
36) 1,1-Dichloropropene	8.371	75	35785	20.270	ug/l	97
37) Ethyl Acetate	7.571	43	36763	18.989	ug/l	96
38) Carbon Tetrachloride	8.365	117	40699	20.958	ug/l	93
39) Methylcyclohexane	9.606	83	46598	19.994	ug/l	99
40) Benzene	8.612	78	114643	21.209	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111122\
 Data File : VN075242.D
 Acq On : 11 Nov 2022 12:53
 Operator : JC\MD
 Sample : VN1111WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/14/2022
 Supervised By : Mahesh Dadoda 11/14/2022

Quant Time: Nov 14 03:44:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	17789	19.178	ug/l	94
42) 1,2-Dichloroethane	8.677	62	40925	20.810	ug/l	99
43) Isopropyl Acetate	8.694	43	56069	18.670	ug/l	96
44) Trichloroethene	9.353	130	29755	21.941	ug/l	100
45) 1,2-Dichloropropane	9.624	63	27057	21.034	ug/l	100
46) Dibromomethane	9.712	93	21066	21.020	ug/l	97
47) Bromodichloromethane	9.888	83	39971	20.595	ug/l	95
48) Methyl methacrylate	9.682	41	26041	18.904	ug/l	98
49) 1,4-Dioxane	9.694	88	15300	424.140	ug/l #	85
51) 4-Methyl-2-Pentanone	10.447	43	182301	94.071	ug/l	98
52) Toluene	10.629	92	75750	20.964	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	41161	20.093	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	44777	20.609	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	30312	21.157	ug/l #	91
56) Ethyl methacrylate	10.876	69	43539	19.923	ug/l	96
57) 1,3-Dichloropropane	11.165	76	49711	20.835	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	82518	97.669	ug/l	97
59) 2-Hexanone	11.200	43	140149	95.287	ug/l	100
60) Dibromochloromethane	11.359	129	31397	20.771	ug/l	100
61) 1,2-Dibromoethane	11.471	107	31365	21.362	ug/l	99
64) Tetrachloroethene	11.106	164	27664	24.903	ug/l	98
65) Chlorobenzene	11.894	112	80399	20.787	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.959	131	29805	20.774	ug/l	99
67) Ethyl Benzene	11.965	91	140839	20.240	ug/l	98
68) m/p-Xylenes	12.070	106	114396	40.972	ug/l	100
69) o-Xylene	12.400	106	54362	19.688	ug/l	99
70) Styrene	12.412	104	90121	20.469	ug/l	99
71) Bromoform	12.582	173	21558	20.069	ug/l #	99
73) Isopropylbenzene	12.694	105	142184	19.992	ug/l	97
74) N-amyl acetate	12.494	43	50206	19.087	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	45161	19.703	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	40257m	21.402	ug/l	
77) Bromobenzene	12.982	156	33333	21.285	ug/l	94
78) n-propylbenzene	13.035	91	163772	20.510	ug/l	100
79) 2-Chlorotoluene	13.123	91	99510	20.394	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	124360	20.818	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	13330	18.191	ug/l	95
82) 4-Chlorotoluene	13.123	91	99510	20.394	ug/l	99
83) tert-Butylbenzene	13.441	119	107152	20.187	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	126034	20.853	ug/l	99
85) sec-Butylbenzene	13.617	105	151940	20.462	ug/l	99
86) p-Isopropyltoluene	13.729	119	128004	20.873	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	65291	21.294	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	65358	21.538	ug/l	100
89) n-Butylbenzene	14.059	91	102848	20.827	ug/l	99
90) Hexachloroethane	14.335	117	20741	18.447	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	64808	21.261	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	8652	18.035	ug/l	89
93) 1,2,4-Trichlorobenzene	15.394	180	30047	22.907	ug/l	98
94) Hexachlorobutadiene	15.506	225	13960	21.831	ug/l	98
95) Naphthalene	15.641	128	105496	20.914	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	29153	22.368	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111122\
Data File : VN075242.D
Acq On : 11 Nov 2022 12:53
Operator : JC\MD
Sample : VN1111WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01

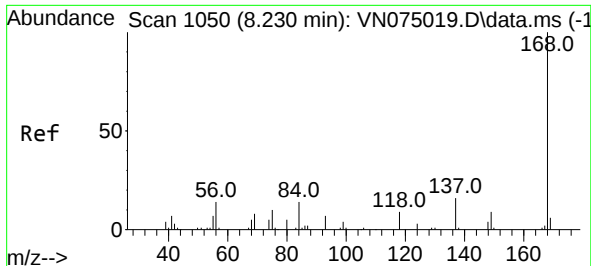
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022

Quant Time: Nov 14 03:44:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 09:48:49 2022
Response via : Initial Calibration

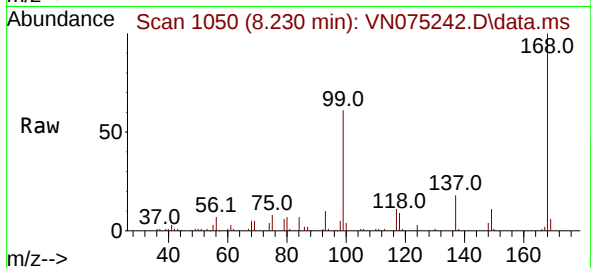
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075242.D
Acq: 11 Nov 2022 12:53

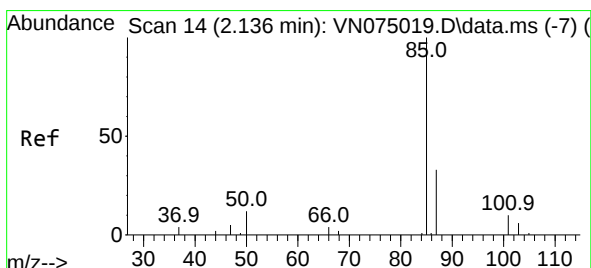
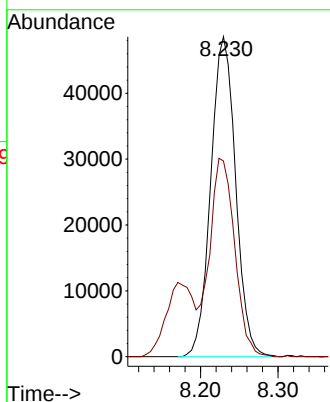
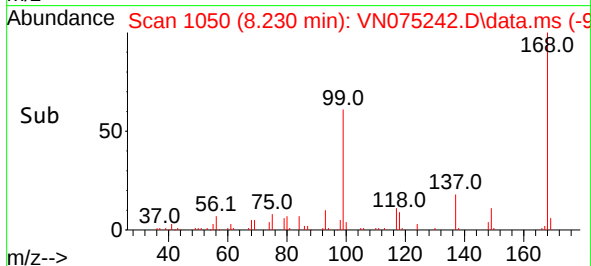
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01



Tgt Ion:168 Resp: 108260
Ion Ratio Lower Upper
168 100
99 61.2 51.6 77.4

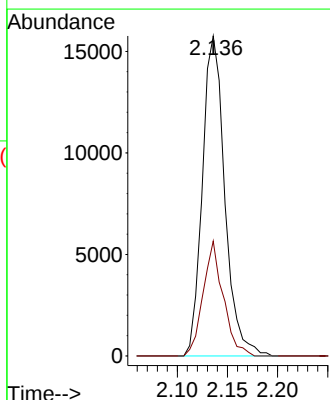
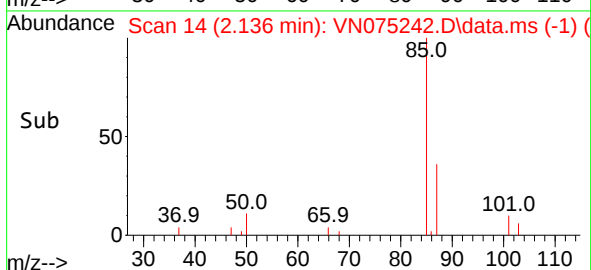
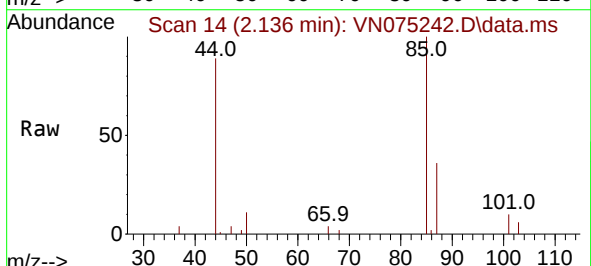
Manual Integrations
APPROVED

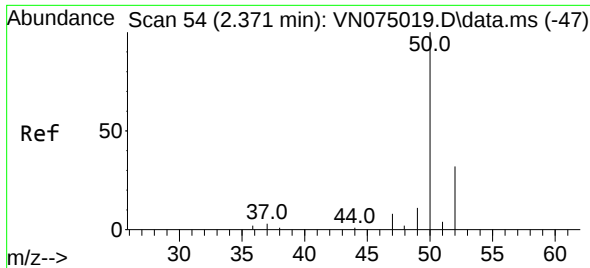
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#2
Dichlorodifluoromethane
Concen: 17.423 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075242.D
Acq: 11 Nov 2022 12:53

Tgt Ion: 85 Resp: 24538
Ion Ratio Lower Upper
85 100
87 35.9 16.7 50.0





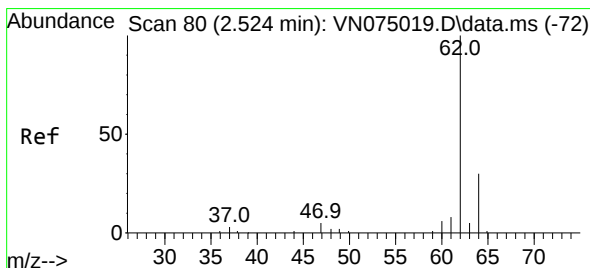
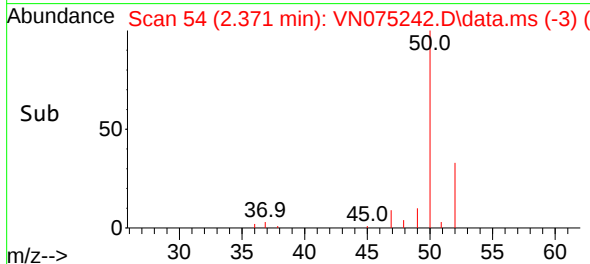
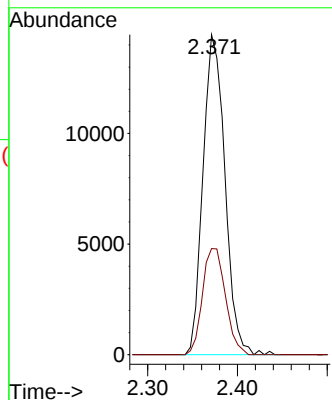
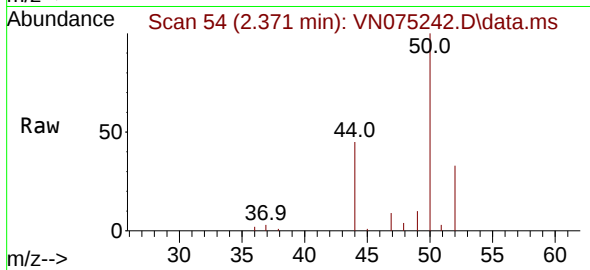
#3
Chloromethane
Concen: 16.425 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075242.D
Acq: 11 Nov 2022 12:53

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01

Tgt Ion: 50 Resp: 24570
Ion Ratio Lower Upper
50 100
52 33.1 25.8 38.6

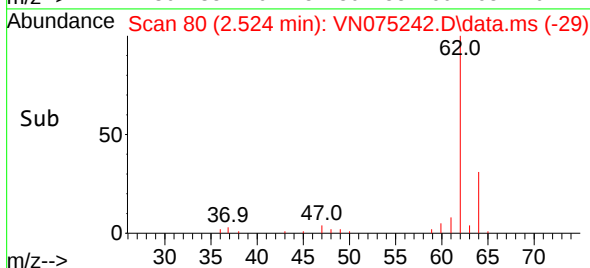
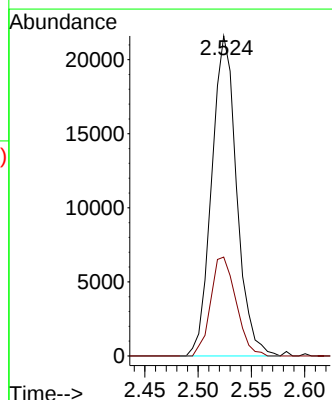
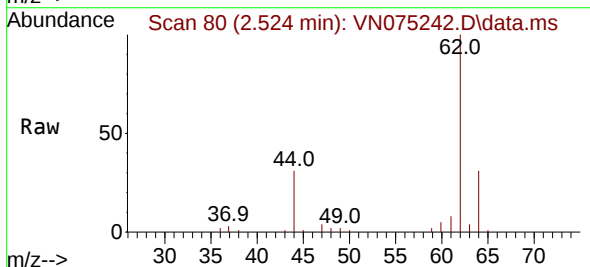
Manual Integrations
APPROVED

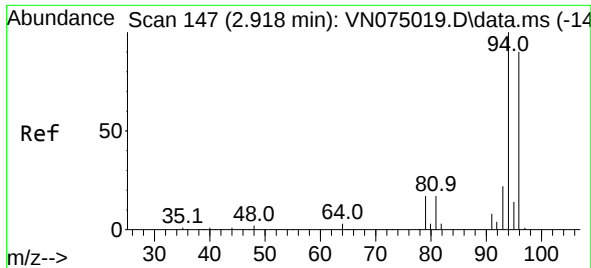
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#4
Vinyl Chloride
Concen: 16.502 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075242.D
Acq: 11 Nov 2022 12:53

Tgt Ion: 62 Resp: 35216
Ion Ratio Lower Upper
62 100
64 30.9 24.0 36.0





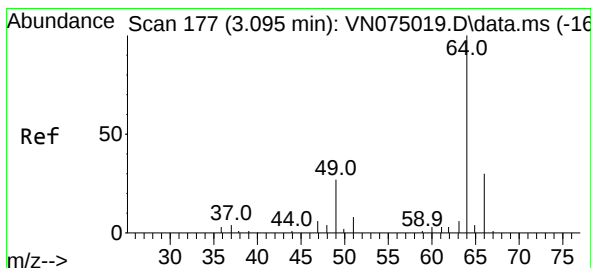
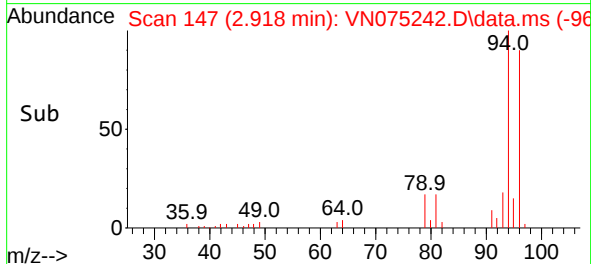
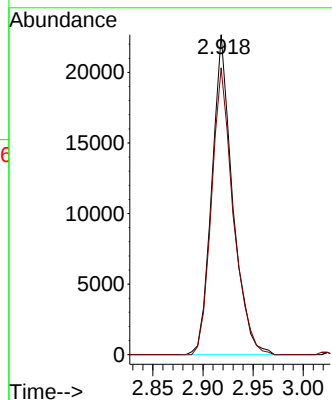
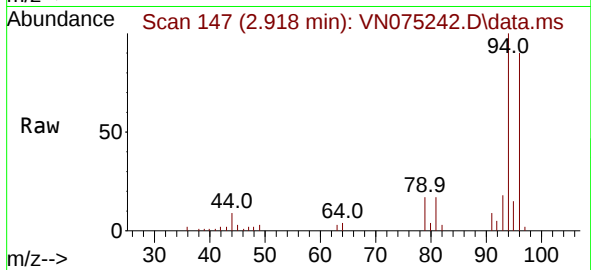
#5
Bromomethane
Concen: 18.306 ug/l
RT: 2.918 min Scan# 147
Delta R.T. 0.000 min
Lab File: VN075242.D
Acq: 11 Nov 2022 12:53

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01

Tgt Ion: 94 Resp: 3267
Ion Ratio Lower Upper
94 100
96 89.7 71.8 107.6

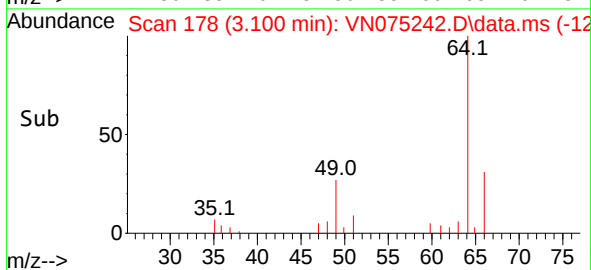
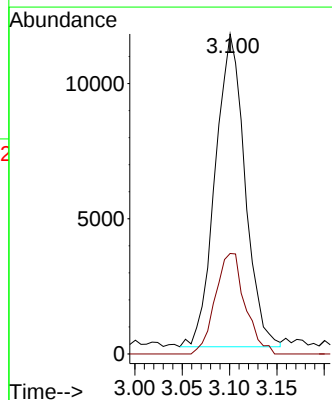
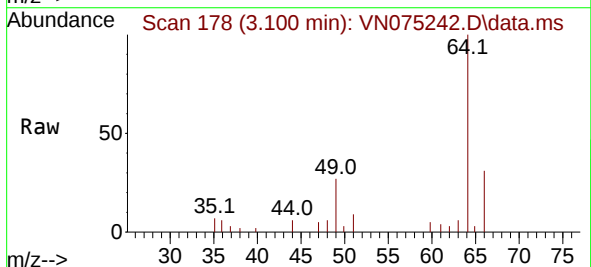
Manual Integrations
APPROVED

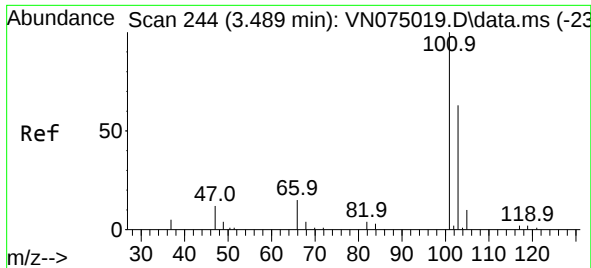
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#6
Chloroethane
Concen: 16.514 ug/l
RT: 3.100 min Scan# 178
Delta R.T. 0.005 min
Lab File: VN075242.D
Acq: 11 Nov 2022 12:53

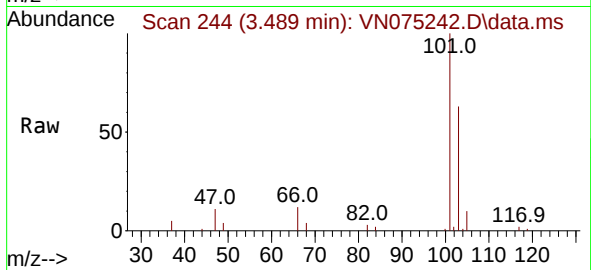
Tgt Ion: 64 Resp: 25271
Ion Ratio Lower Upper
64 100
66 32.1 23.8 35.8





#7
Trichlorofluoromethane
Concen: 20.211 ug/l
RT: 3.489 min Scan# 244
Delta R.T. -0.000 min
Lab File: VN075242.D
Acq: 11 Nov 2022 12:53

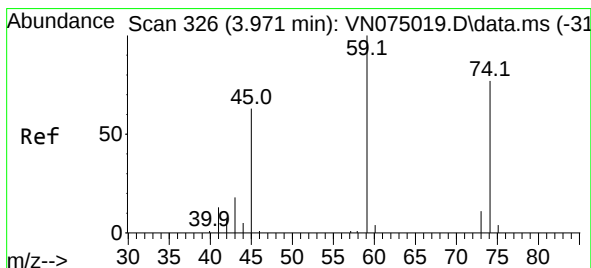
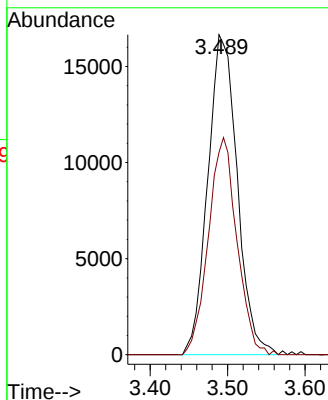
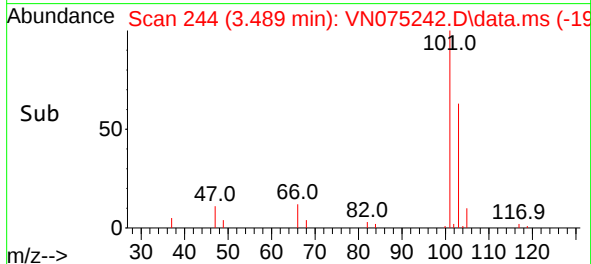
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01



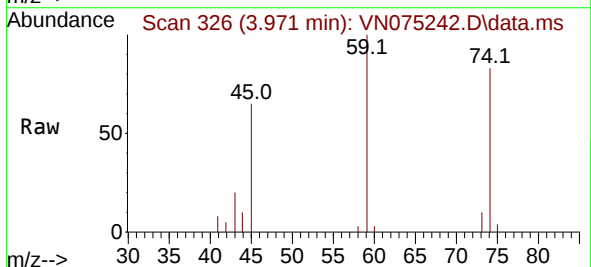
Tgt Ion:101 Resp: 44060
Ion Ratio Lower Upper
101 100
103 63.2 50.5 75.7

Manual Integrations
APPROVED

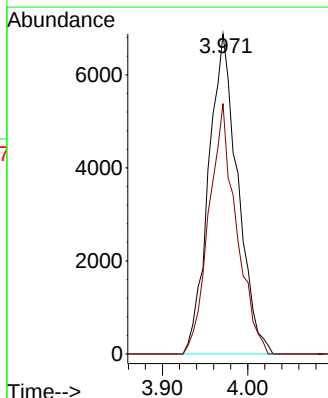
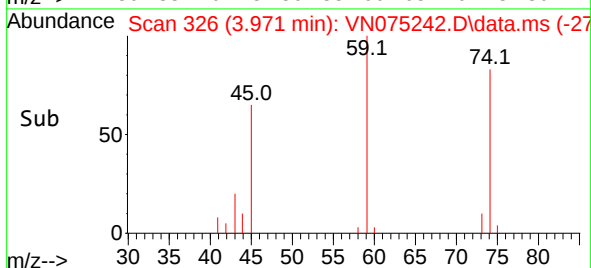
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022

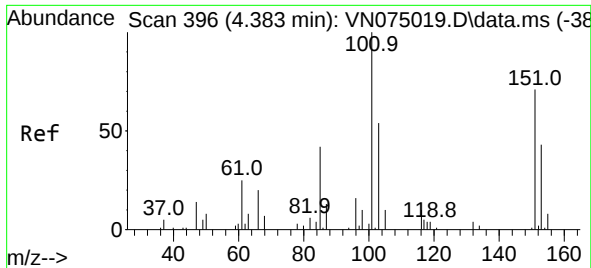


#8
Diethyl Ether
Concen: 20.514 ug/l
RT: 3.971 min Scan# 326
Delta R.T. 0.000 min
Lab File: VN075242.D
Acq: 11 Nov 2022 12:53



Tgt Ion: 74 Resp: 16312
Ion Ratio Lower Upper
74 100
45 73.7 39.3 117.9





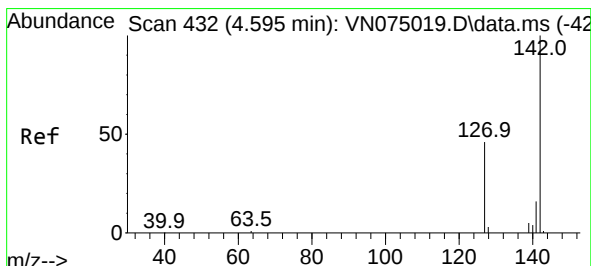
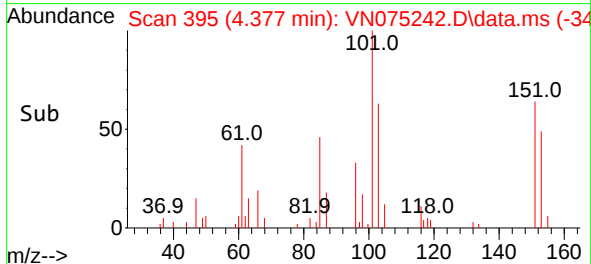
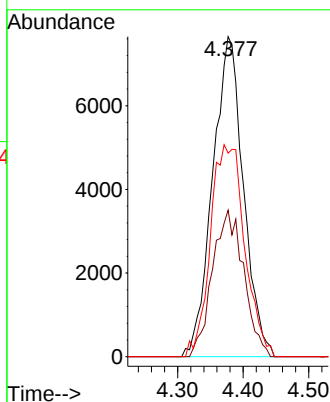
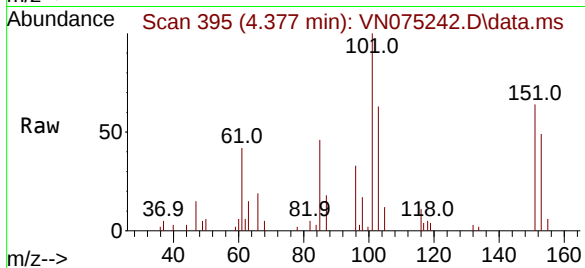
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.703 ug/l
RT: 4.377 min Scan# 395
Delta R.T. -0.006 min
Lab File: VN075242.D
Acq: 11 Nov 2022 12:53

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01

Tgt Ion:101 Resp: 2492
Ion Ratio Lower Upper
101 100
85 46.6 37.6 56.4
151 73.7 58.3 87.5

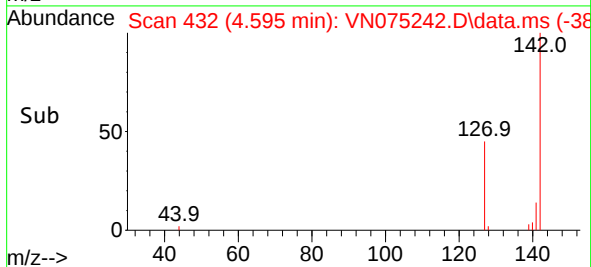
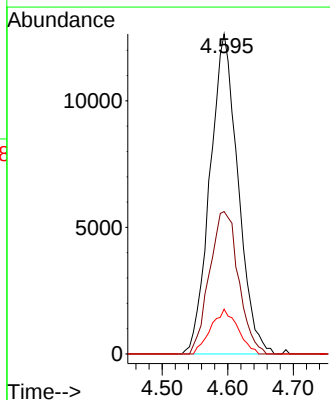
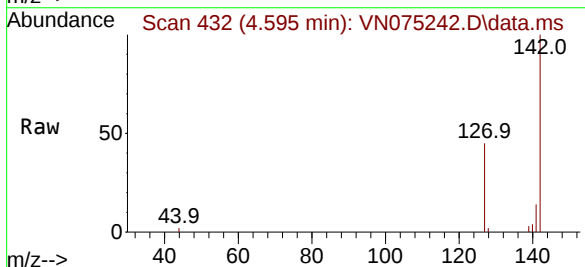
Manual Integrations
APPROVED

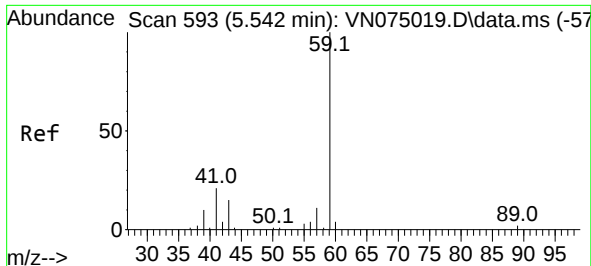
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#10
Methyl Iodide
Concen: 20.902 ug/l
RT: 4.595 min Scan# 432
Delta R.T. -0.000 min
Lab File: VN075242.D
Acq: 11 Nov 2022 12:53

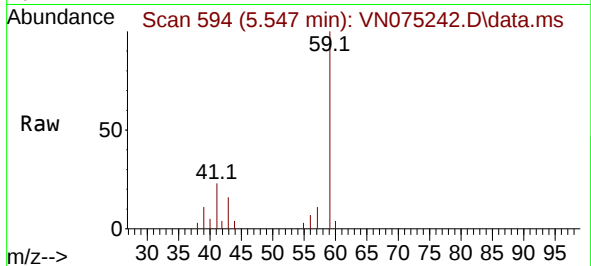
Tgt Ion:142 Resp: 37464
Ion Ratio Lower Upper
142 100
127 46.1 38.0 57.0
141 13.5 12.2 18.4





#11
Tert butyl alcohol
Concen: 88.580 ug/l
RT: 5.547 min Scan# 593
Delta R.T. 0.005 min
Lab File: VN075242.D
Acq: 11 Nov 2022 12:53

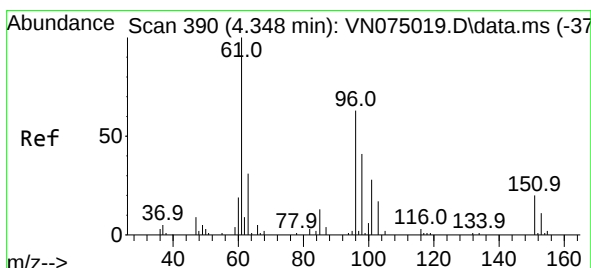
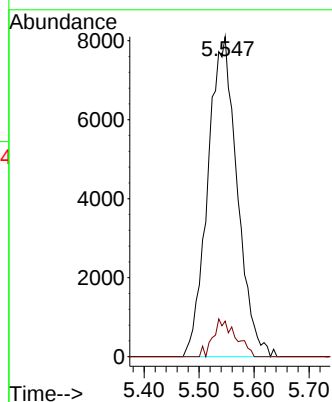
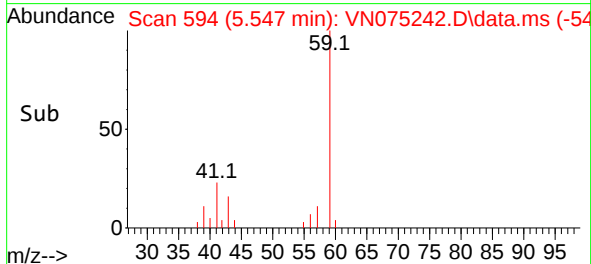
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01



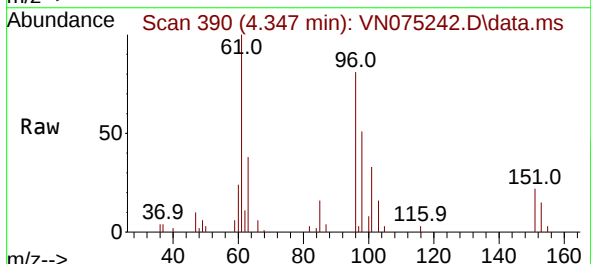
Tgt Ion: 59 Resp: 3013
Ion Ratio Lower Upper
59 100
57 9.0 8.5 12.7

Manual Integrations
APPROVED

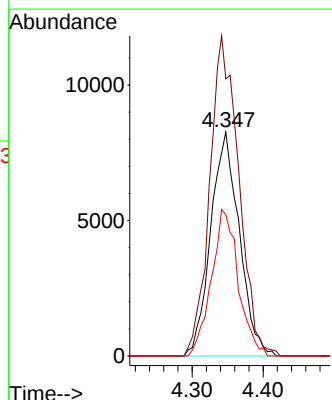
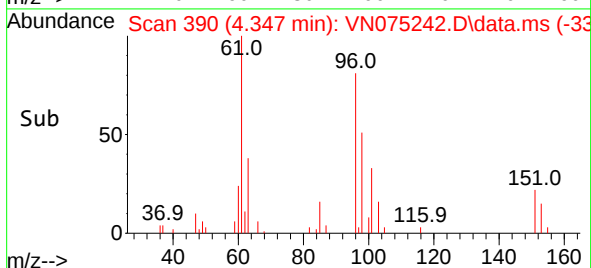
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022

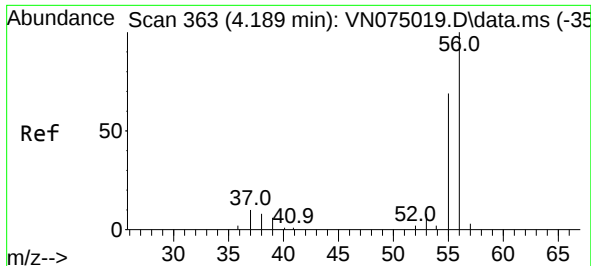


#12
1,1-Dichloroethene
Concen: 20.127 ug/l
RT: 4.347 min Scan# 390
Delta R.T. -0.001 min
Lab File: VN075242.D
Acq: 11 Nov 2022 12:53



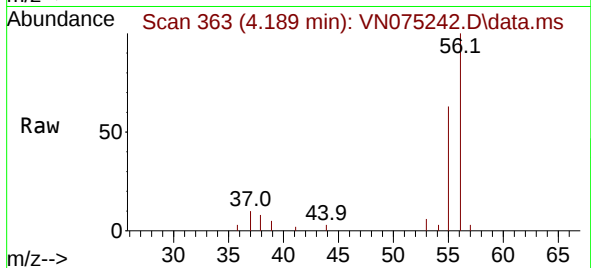
Tgt Ion: 96 Resp: 23097
Ion Ratio Lower Upper
96 100
61 123.8 126.2 189.4#
98 63.1 51.5 77.3





#13
Acrolein
Concen: 67.938 ug/l
RT: 4.189 min Scan# 301
Delta R.T. -0.000 min
Lab File: VN075242.D
Acq: 11 Nov 2022 12:53

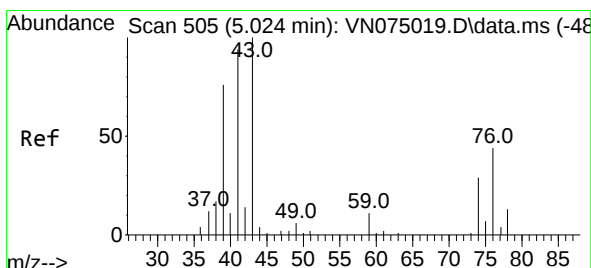
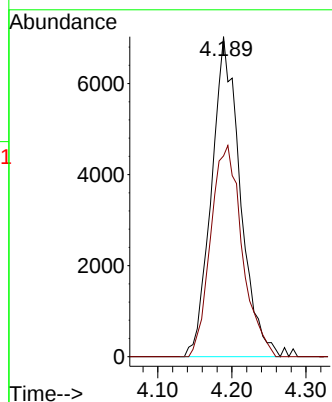
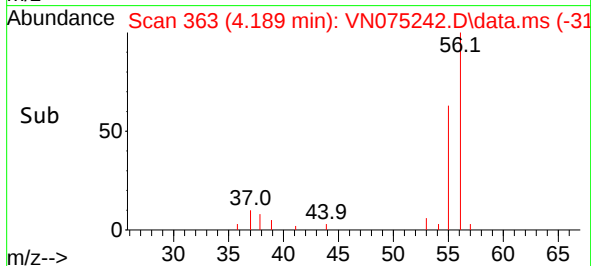
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01



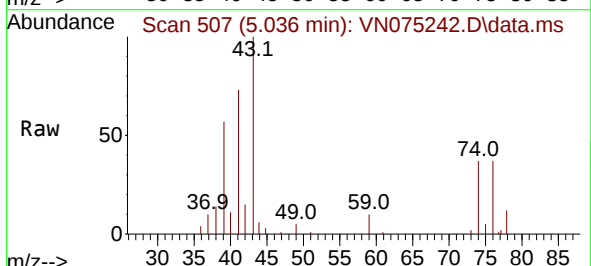
Tgt Ion: 56 Resp: 1890
Ion Ratio Lower Upper
56 100
55 72.1 55.2 82.8

Manual Integrations
APPROVED

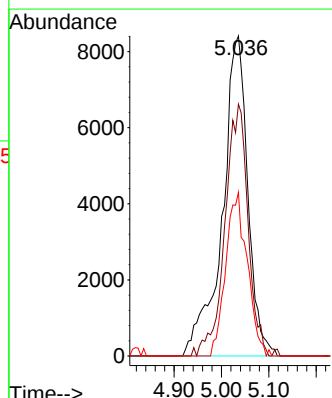
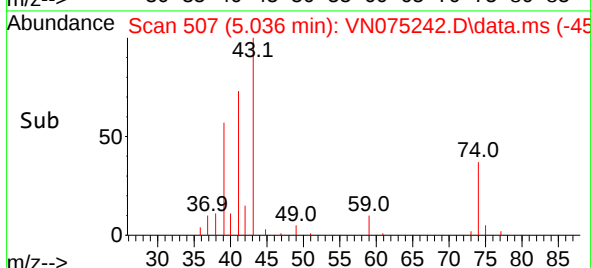
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022

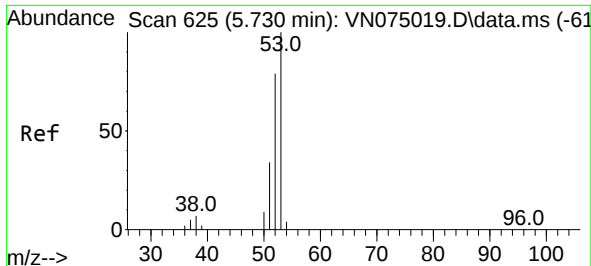


#14
Allyl chloride
Concen: 18.774 ug/l
RT: 5.036 min Scan# 507
Delta R.T. 0.012 min
Lab File: VN075242.D
Acq: 11 Nov 2022 12:53



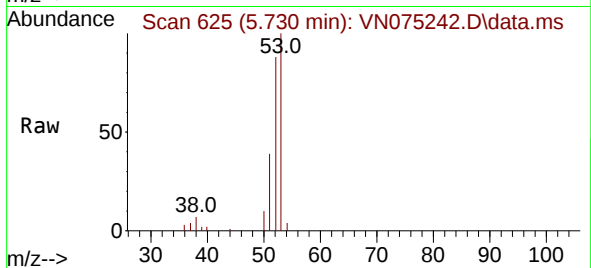
Tgt Ion: 41 Resp: 31466
Ion Ratio Lower Upper
41 100
39 71.1 61.0 91.4
76 43.2 33.4 50.0





#15
Acrylonitrile
Concen: 97.478 ug/l
RT: 5.730 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN075242.D
Acq: 11 Nov 2022 12:53

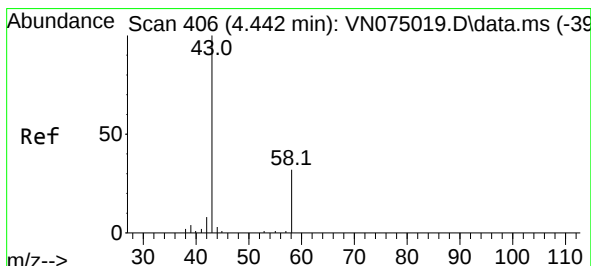
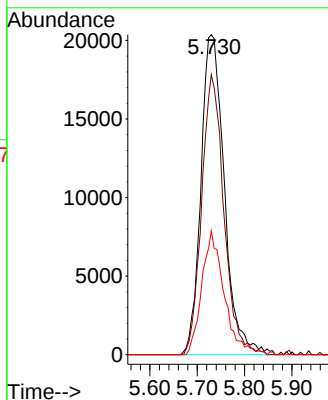
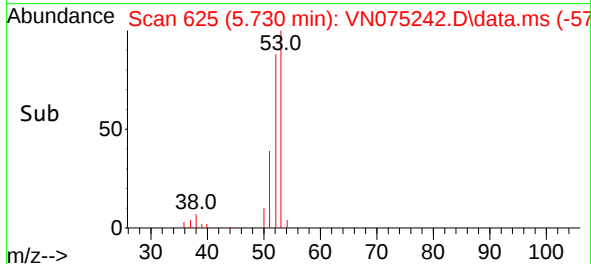
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01



Tgt Ion: 53 Resp: 70040
Ion Ratio Lower Upper
53 100
52 82.8 66.4 99.6
51 36.9 29.6 44.4

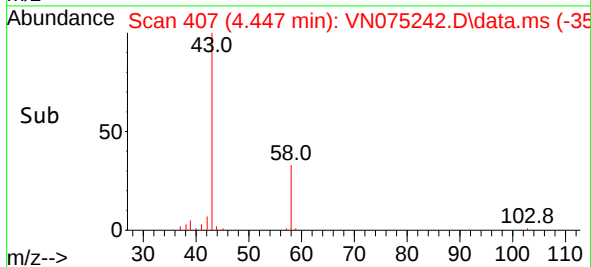
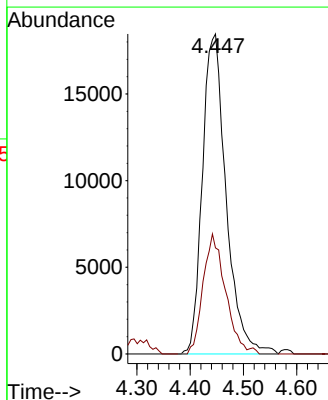
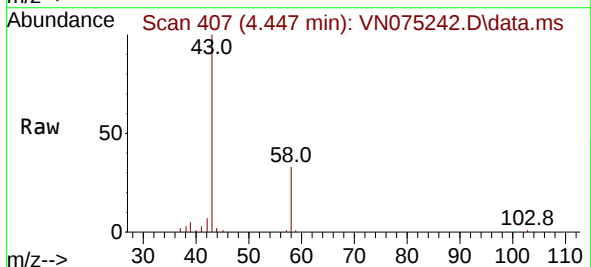
Manual Integrations
APPROVED

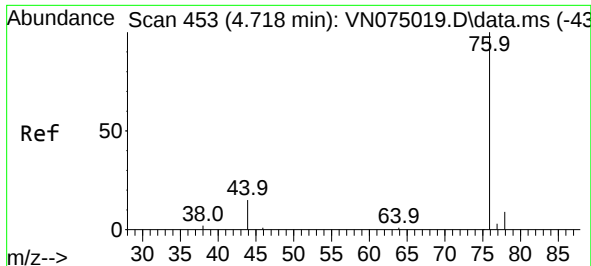
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#16
Acetone
Concen: 92.431 ug/l
RT: 4.447 min Scan# 407
Delta R.T. 0.005 min
Lab File: VN075242.D
Acq: 11 Nov 2022 12:53

Tgt Ion: 43 Resp: 57089
Ion Ratio Lower Upper
43 100
58 33.1 25.5 38.3





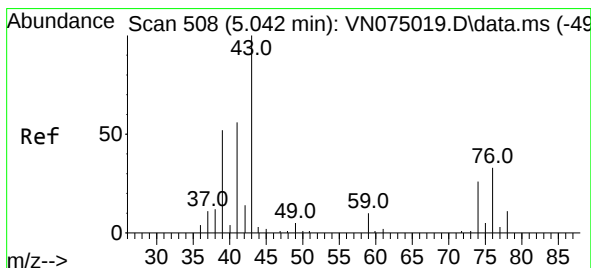
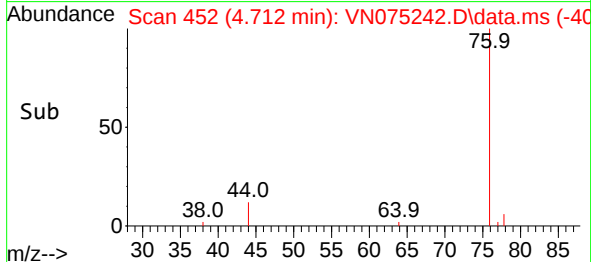
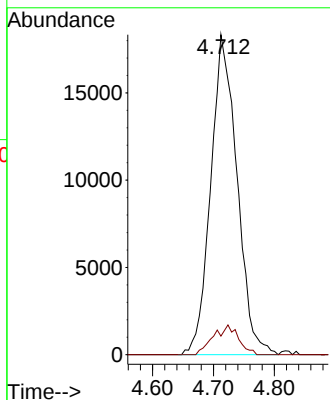
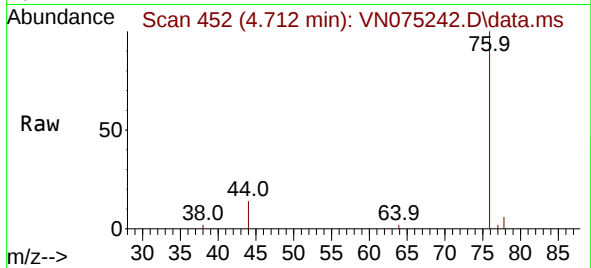
#17
Carbon Disulfide
Concen: 19.060 ug/l
RT: 4.712 min Scan# 412
Delta R.T. -0.006 min
Lab File: VN075242.D
Acq: 11 Nov 2022 12:53

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01

Tgt Ion: 76 Resp: 55004
Ion Ratio Lower Upper
76 100
78 5.8 7.4 11.2

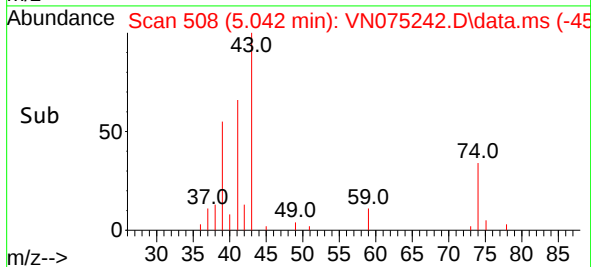
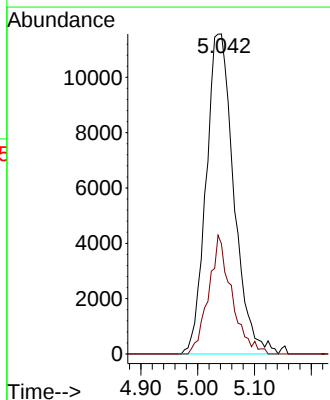
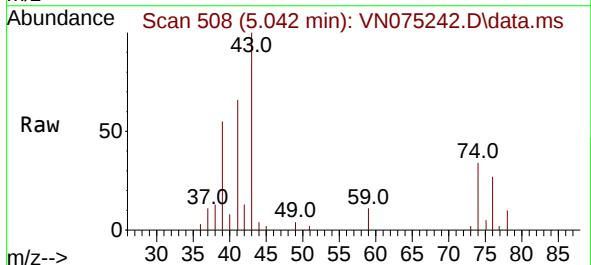
Manual Integrations
APPROVED

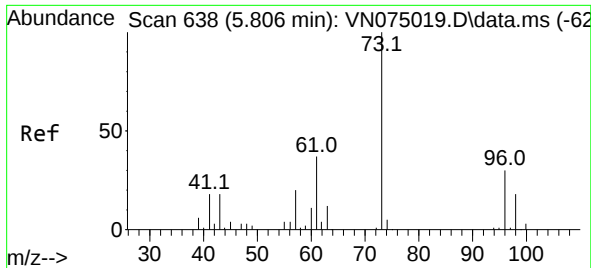
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#18
Methyl Acetate
Concen: 19.436 ug/l
RT: 5.042 min Scan# 508
Delta R.T. -0.000 min
Lab File: VN075242.D
Acq: 11 Nov 2022 12:53

Tgt Ion: 43 Resp: 39213
Ion Ratio Lower Upper
43 100
74 30.9 22.0 33.0





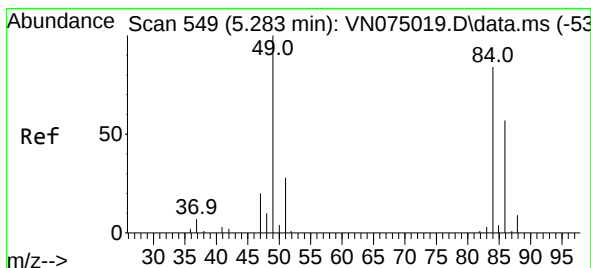
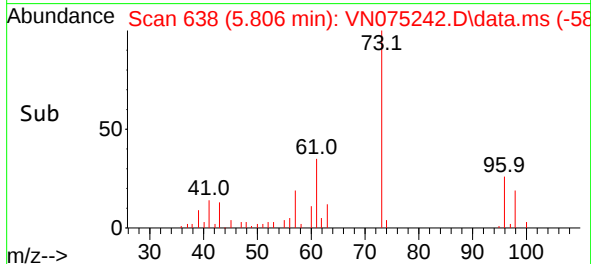
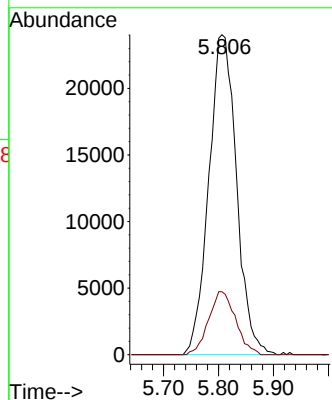
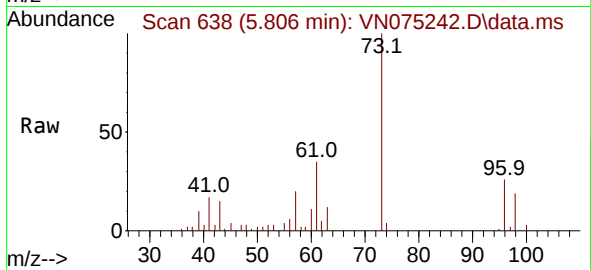
#19
Methyl tert-butyl Ether
Concen: 19.709 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075242.D
Acq: 11 Nov 2022 12:53

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01

Tgt Ion: 73 Resp: 8406
Ion Ratio Lower Upper
73 100
57 19.7 16.3 24.5

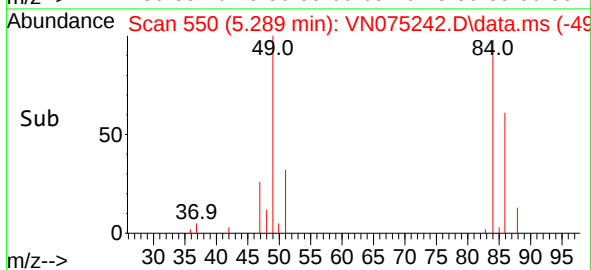
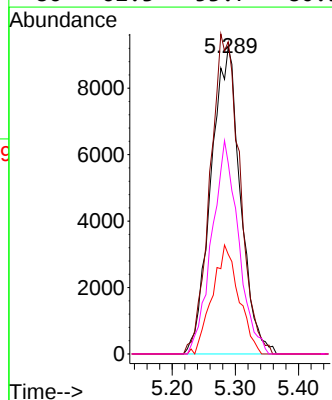
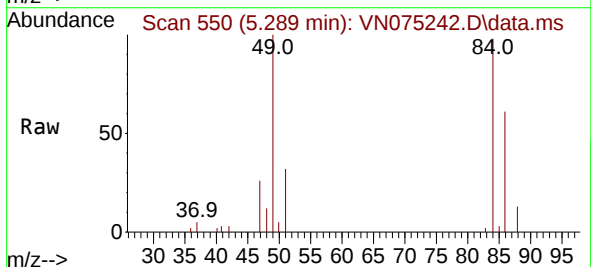
Manual Integrations
APPROVED

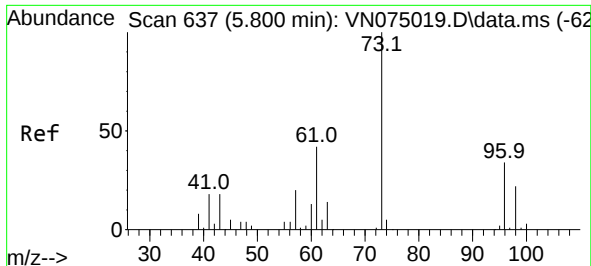
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#20
Methylene Chloride
Concen: 21.706 ug/l
RT: 5.289 min Scan# 550
Delta R.T. 0.006 min
Lab File: VN075242.D
Acq: 11 Nov 2022 12:53

Tgt Ion: 84 Resp: 29892
Ion Ratio Lower Upper
84 100
49 101.9 94.9 142.3
51 32.5 26.8 40.2
86 62.3 53.7 80.5





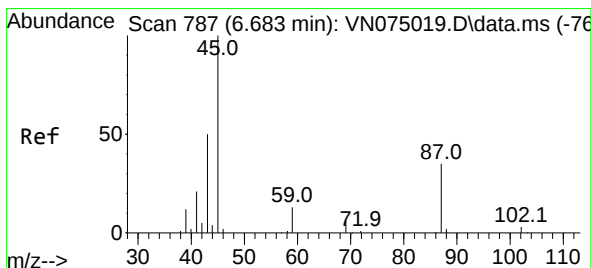
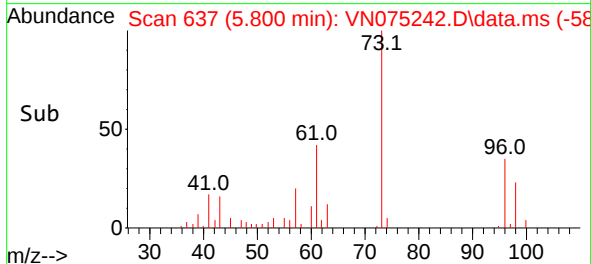
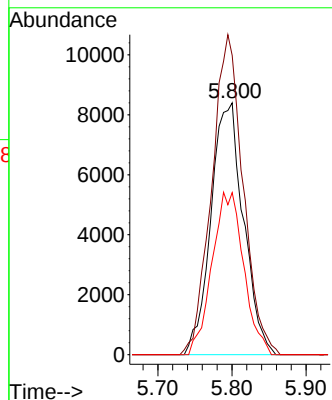
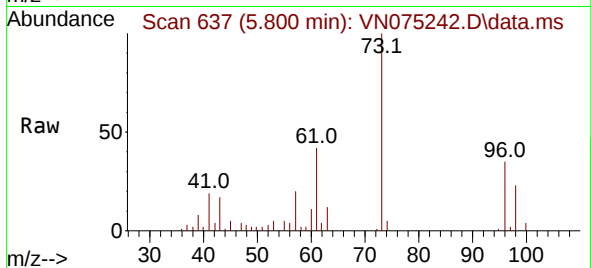
#21
trans-1,2-Dichloroethene
Concen: 20.376 ug/l
RT: 5.800 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN075242.D
Acq: 11 Nov 2022 12:53

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01

Tgt Ion: 96 Resp: 25602
Ion Ratio Lower Upper
96 100
61 118.8 99.9 149.9
98 64.4 51.5 77.3

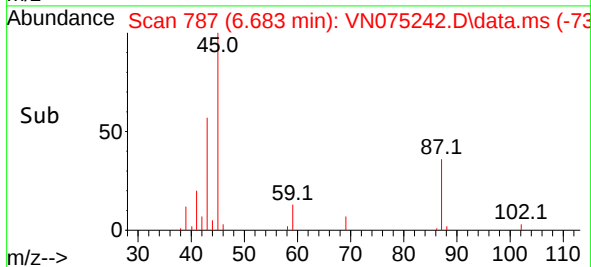
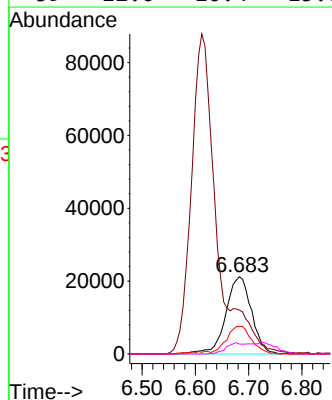
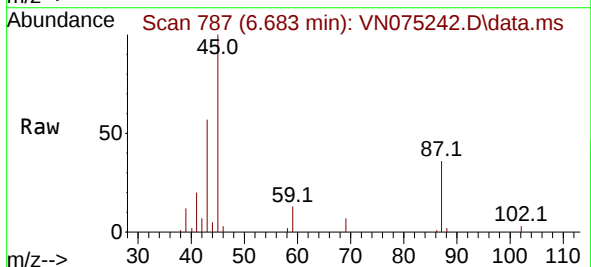
Manual Integrations
APPROVED

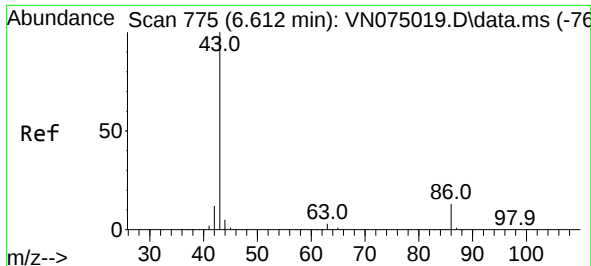
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#22
Diisopropyl ether
Concen: 19.142 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN075242.D
Acq: 11 Nov 2022 12:53

Tgt Ion: 45 Resp: 70803
Ion Ratio Lower Upper
45 100
43 53.5 42.8 64.2
87 35.6 28.4 42.6
59 12.0 10.4 15.6





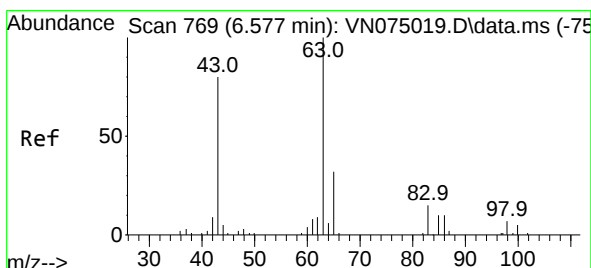
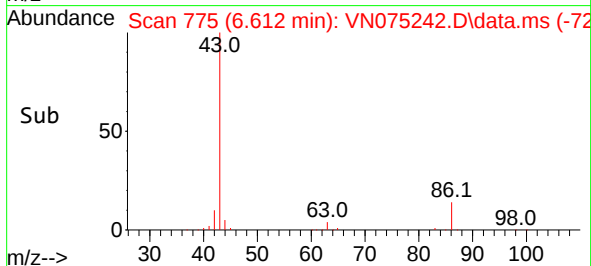
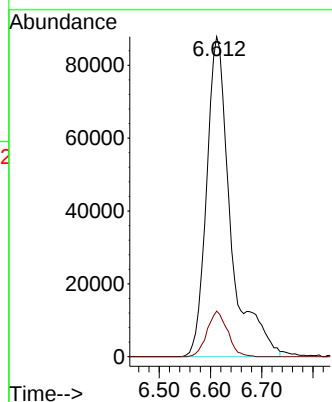
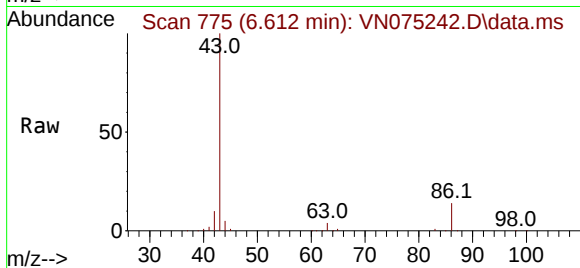
#23
 Vinyl Acetate
 Concen: 92.747 ug/l m
 RT: 6.612 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VN075242.D
 Acq: 11 Nov 2022 12:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111WBS01

Tgt Ion: 43 Resp: 28646
 Ion Ratio Lower Upper
 43 100
 86 14.3 10.7 16.1

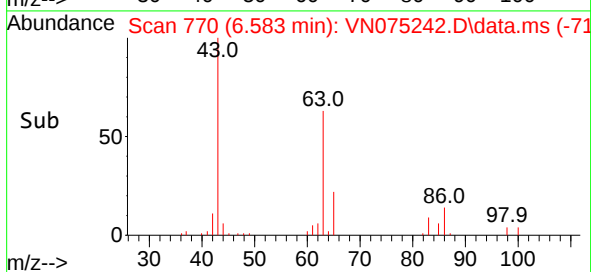
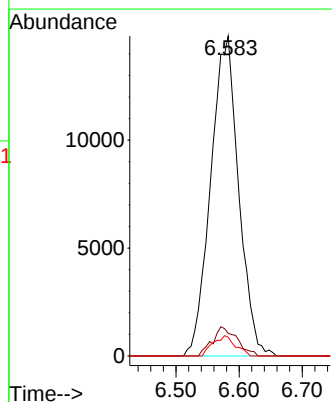
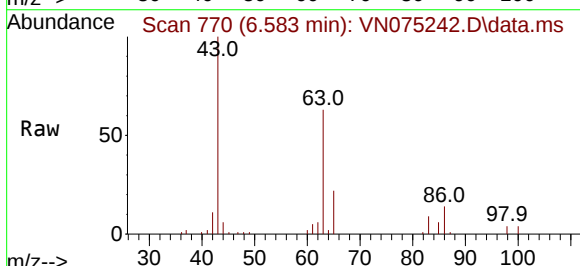
Manual Integrations
 APPROVED

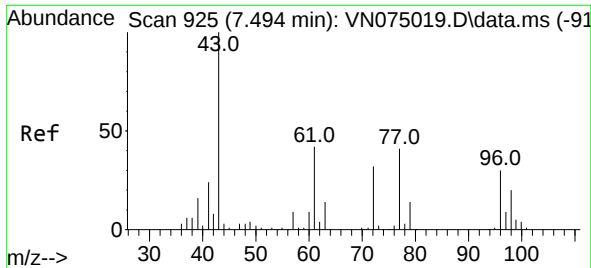
Reviewed By :John Carlone 11/14/2022
 Supervised By :Mahesh Dadoda 11/14/2022



#24
 1,1-Dichloroethane
 Concen: 19.490 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VN075242.D
 Acq: 11 Nov 2022 12:53

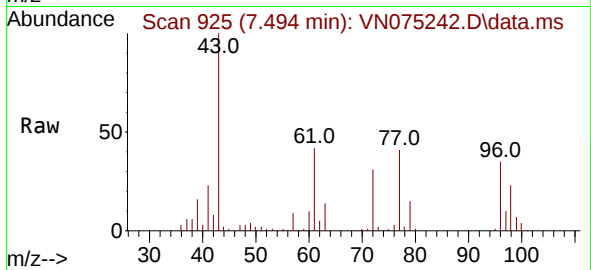
Tgt Ion: 63 Resp: 45592
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.8
 100 5.8 2.4 7.2





#25
2-Butanone
Concen: 93.725 ug/l
RT: 7.494 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075242.D
Acq: 11 Nov 2022 12:53

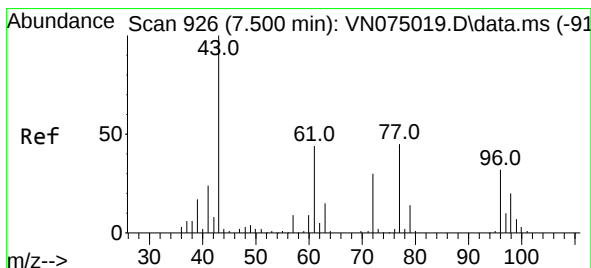
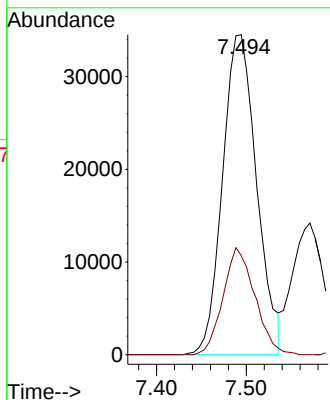
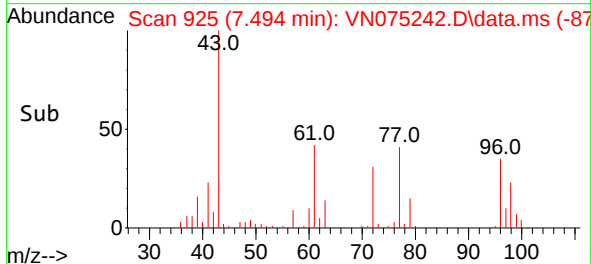
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01



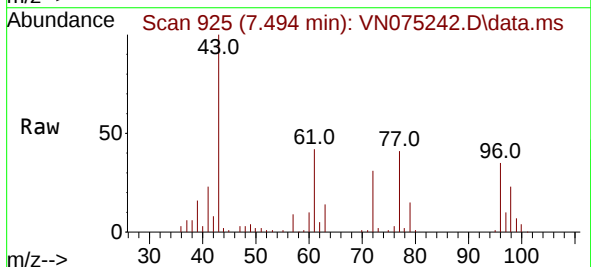
Tgt Ion: 43 Resp: 91052
Ion Ratio Lower Upper
43 100
72 31.0 25.5 38.3

Manual Integrations
APPROVED

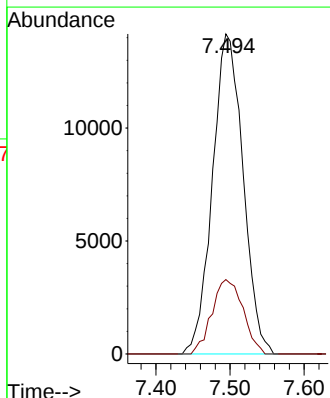
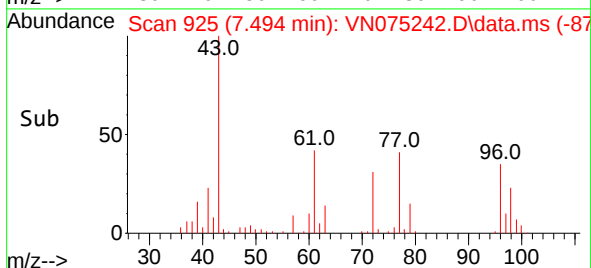
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022

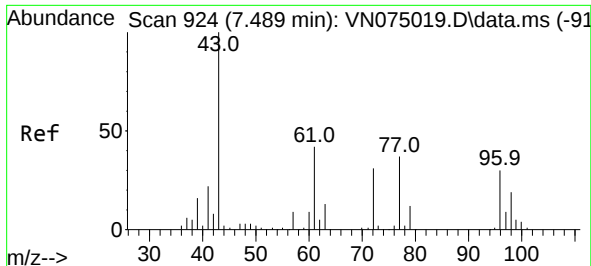


#26
2,2-Dichloropropane
Concen: 18.850 ug/l
RT: 7.494 min Scan# 925
Delta R.T. -0.006 min
Lab File: VN075242.D
Acq: 11 Nov 2022 12:53



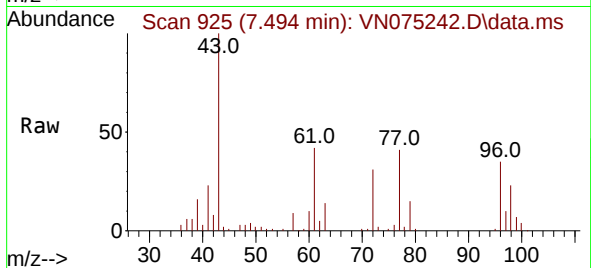
Tgt Ion: 77 Resp: 40566
Ion Ratio Lower Upper
77 100
97 23.7 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 20.333 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.005 min
 Lab File: VN075242.D
 Acq: 11 Nov 2022 12:53

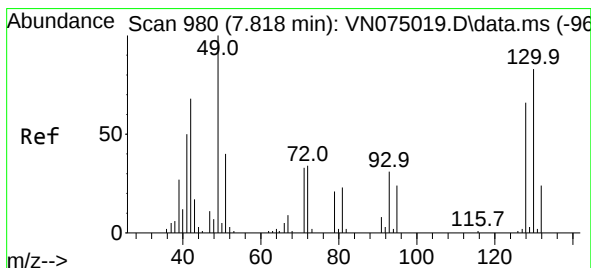
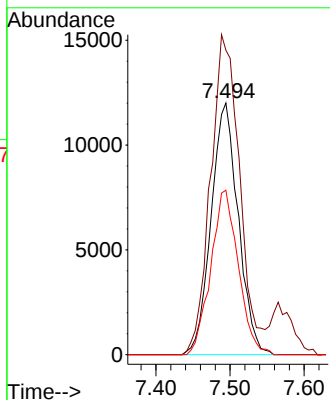
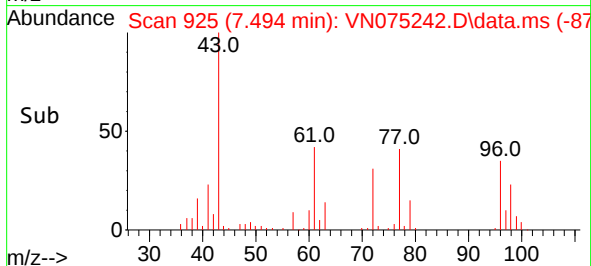
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111WBS01



Tgt Ion: 96 Resp: 30510
 Ion Ratio Lower Upper
 96 100
 61 136.4 0.0 278.8
 98 66.3 0.0 128.4

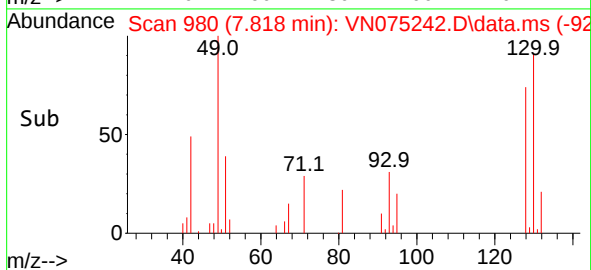
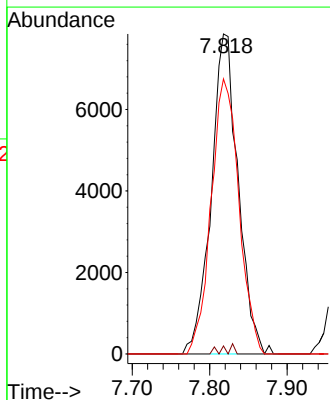
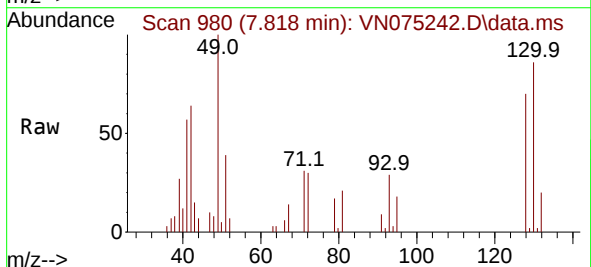
Manual Integrations
 APPROVED

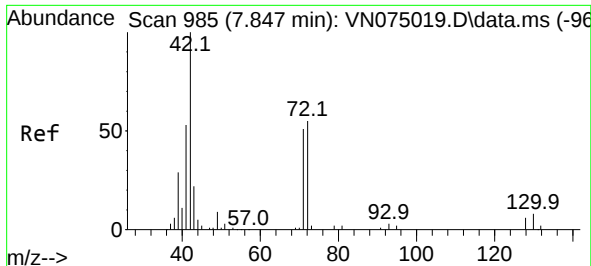
Reviewed By :John Carlone 11/14/2022
 Supervised By :Mahesh Dadoda 11/14/2022



#28
 Bromochloromethane
 Concen: 19.249 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.000 min
 Lab File: VN075242.D
 Acq: 11 Nov 2022 12:53

Tgt Ion: 49 Resp: 18982
 Ion Ratio Lower Upper
 49 100
 129 0.4 0.0 4.6
 130 88.5 66.2 99.4





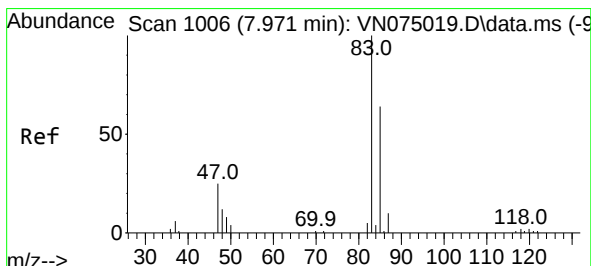
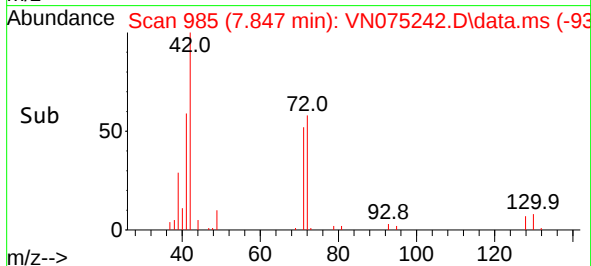
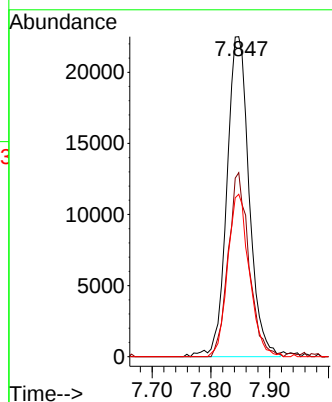
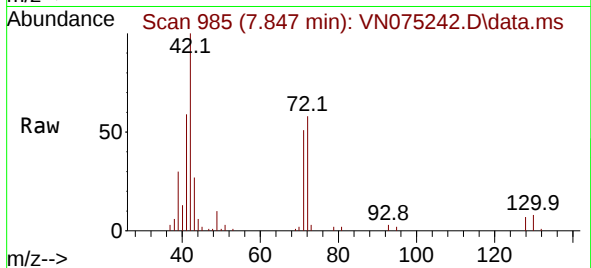
#29
Tetrahydrofuran
Concen: 94.236 ug/l
RT: 7.847 min Scan# 985
Delta R.T. 0.000 min
Lab File: VN075242.D
Acq: 11 Nov 2022 12:53

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01

Tgt Ion: 42 Resp: 59158
Ion Ratio Lower Upper
42 100
72 53.9 43.0 64.6
71 49.5 39.9 59.9

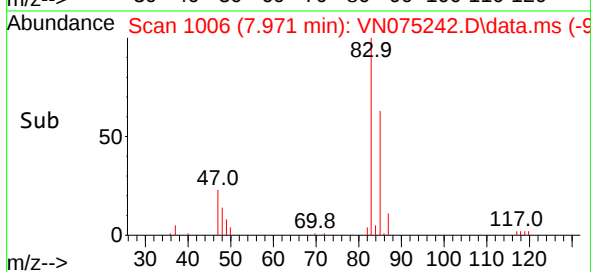
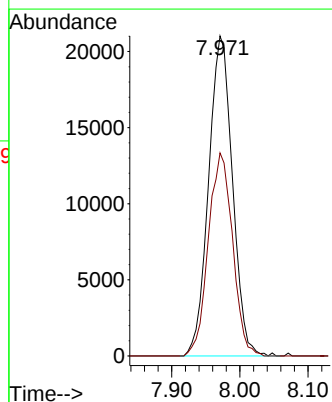
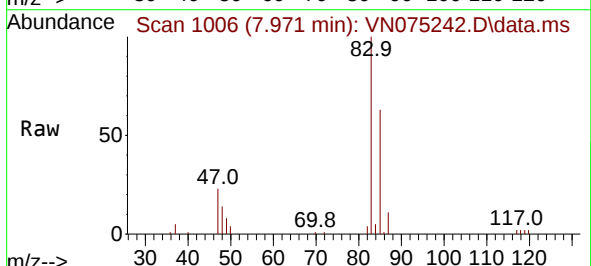
Manual Integrations
APPROVED

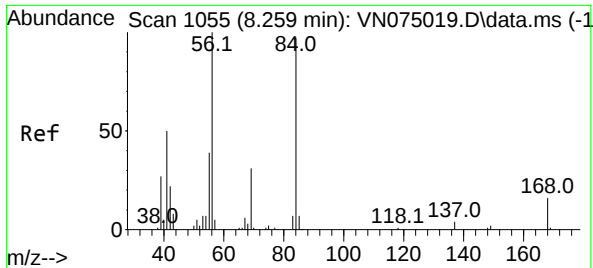
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#30
Chloroform
Concen: 20.193 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN075242.D
Acq: 11 Nov 2022 12:53

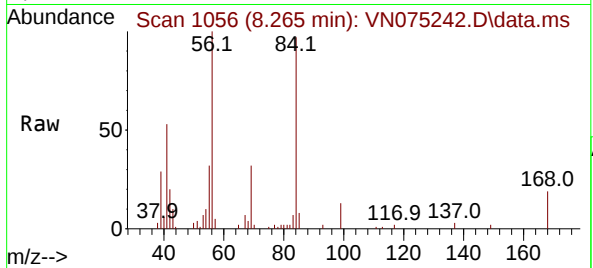
Tgt Ion: 83 Resp: 51288
Ion Ratio Lower Upper
83 100
85 63.4 51.4 77.0





#31
Cyclohexane
Concen: 18.937 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN075242.D
Acq: 11 Nov 2022 12:53

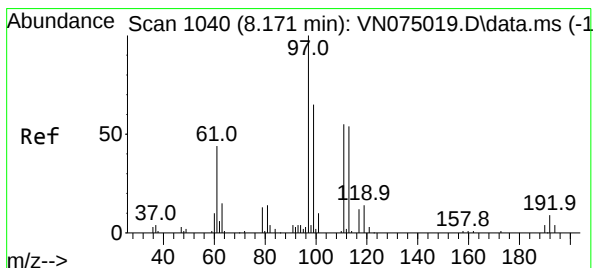
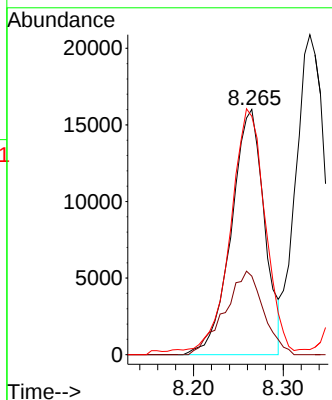
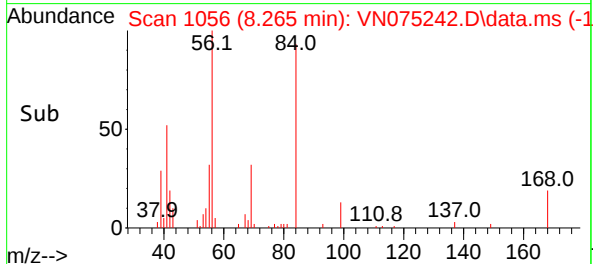
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01



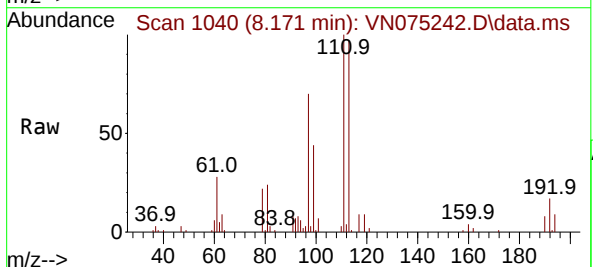
Tgt Ion: 56 Resp: 4108
Ion Ratio Lower Upper
56 100
69 32.0 25.2 37.8
84 95.1 77.8 116.8

Manual Integrations
APPROVED

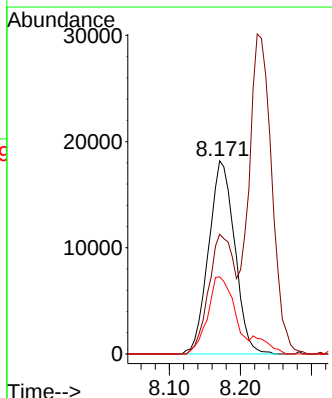
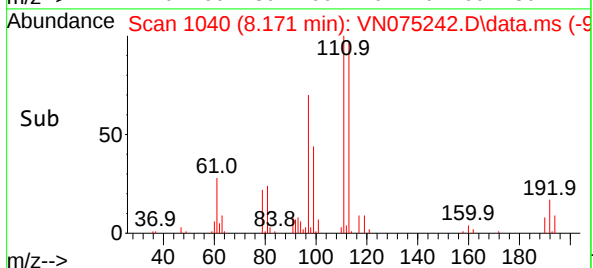
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022

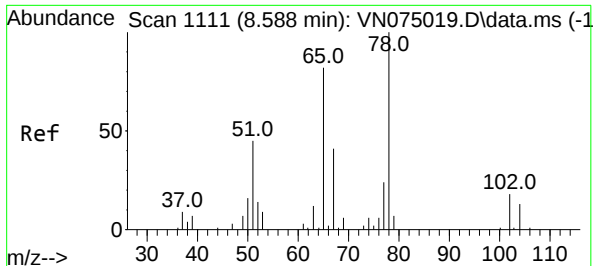


#32
1,1,1-Trichloroethane
Concen: 20.071 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075242.D
Acq: 11 Nov 2022 12:53



Tgt Ion: 97 Resp: 46293
Ion Ratio Lower Upper
97 100
99 59.5 50.2 75.2
61 41.2 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 48.374 ug/l

RT: 8.582 min Scan# 1111

Delta R.T. -0.006 min

Lab File: VN075242.D

Acq: 11 Nov 2022 12:53

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBS01

Tgt Ion: 65 Resp: 7056

Ion Ratio Lower Upper

65 100

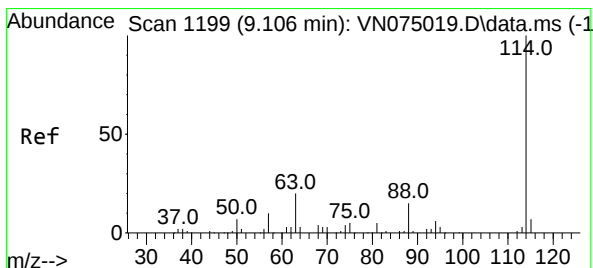
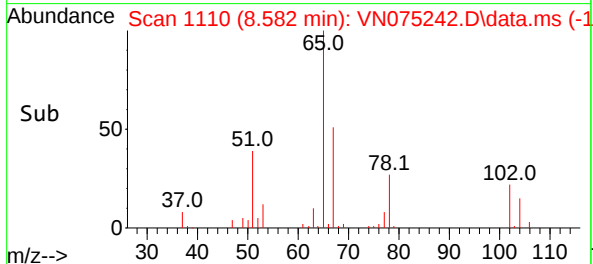
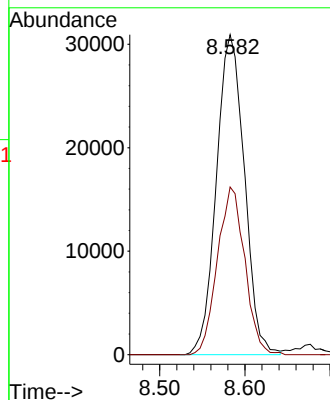
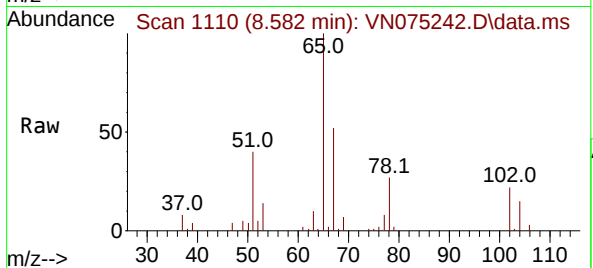
67 51.2 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075242.D

Acq: 11 Nov 2022 12:53

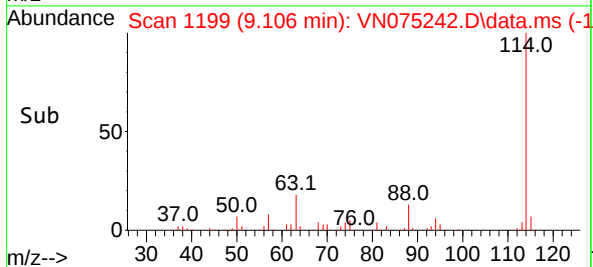
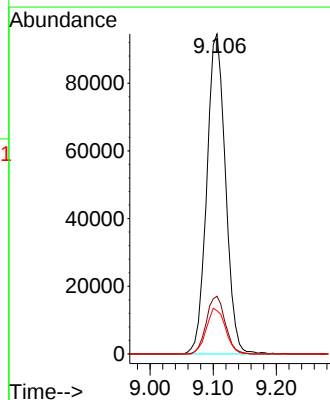
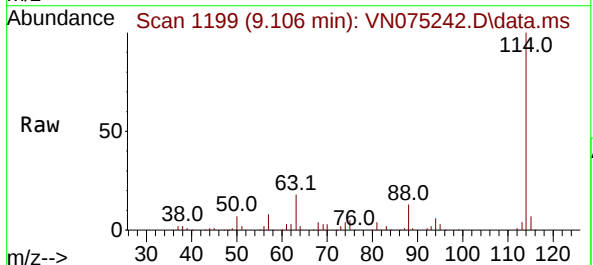
Tgt Ion:114 Resp: 194242

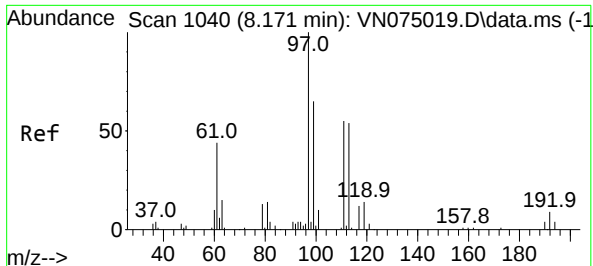
Ion Ratio Lower Upper

114 100

63 18.1 0.0 39.6

88 13.5 0.0 29.0





#35

Dibromofluoromethane

Concen: 53.325 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075242.D

Acq: 11 Nov 2022 12:53

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBS01

Tgt Ion:113 Resp: 60800

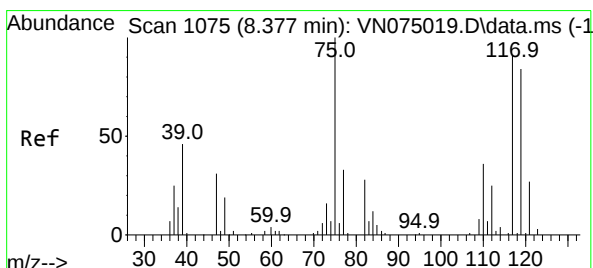
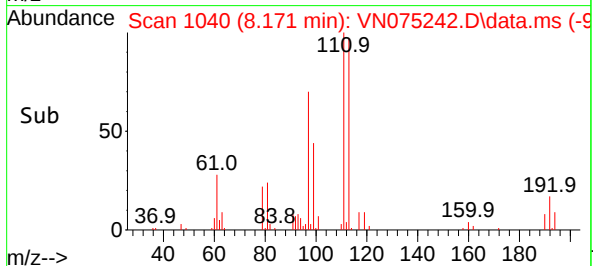
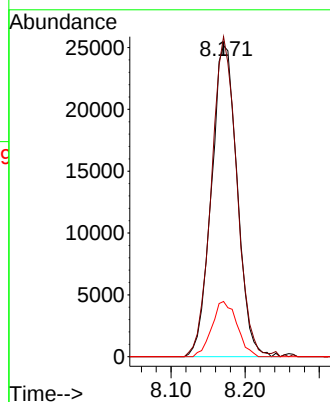
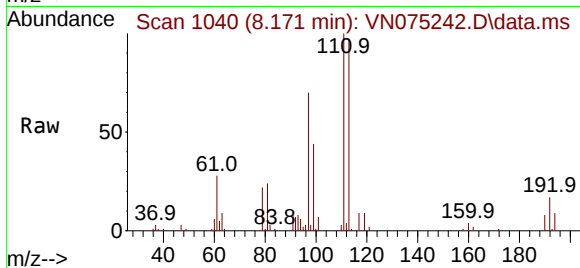
Ion	Ratio	Lower	Upper
113	100		
111	101.6	80.5	120.7
192	17.3	13.2	19.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#36

1,1-Dichloropropene

Concen: 20.270 ug/l

RT: 8.371 min Scan# 1074

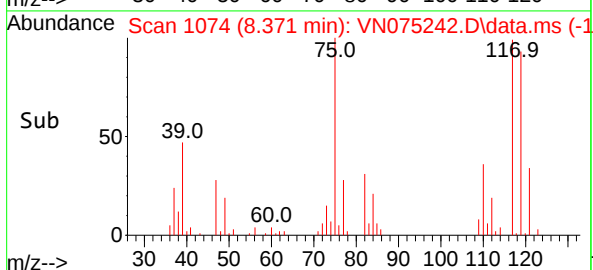
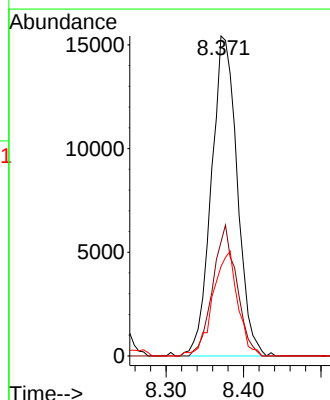
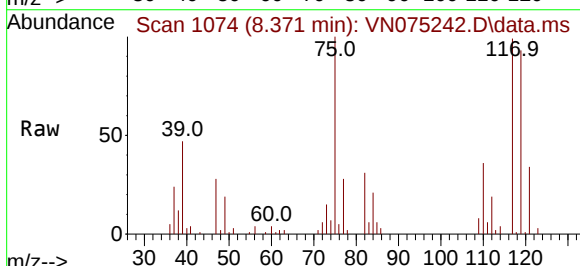
Delta R.T. -0.006 min

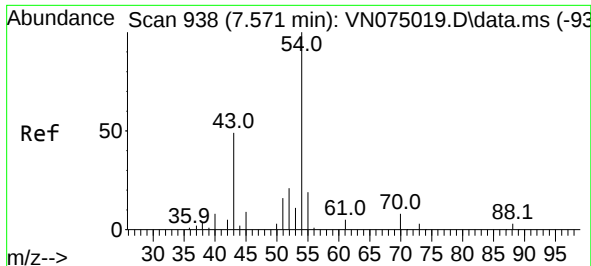
Lab File: VN075242.D

Acq: 11 Nov 2022 12:53

Tgt Ion: 75 Resp: 35785

Ion	Ratio	Lower	Upper
75	100		
110	37.7	17.8	53.3
77	31.5	24.6	37.0





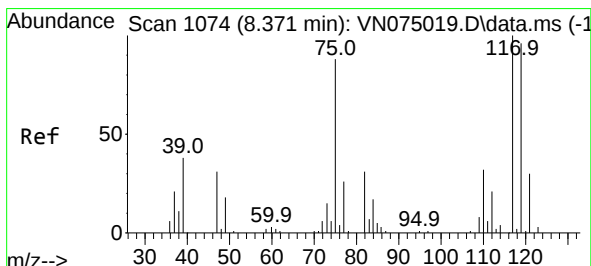
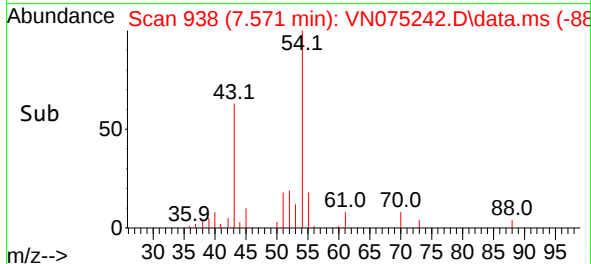
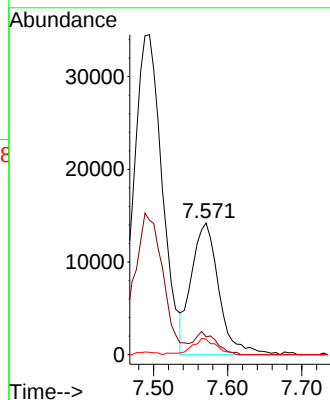
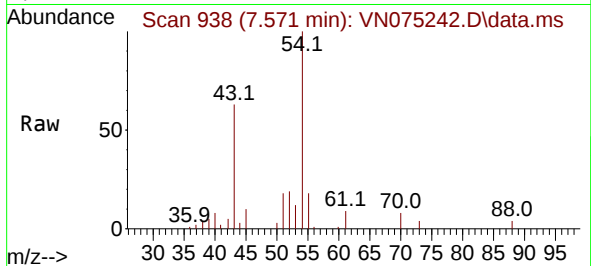
#37
Ethyl Acetate
Concen: 18.989 ug/l
RT: 7.571 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN075242.D
Acq: 11 Nov 2022 12:53

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01

Tgt Ion: 43 Resp: 3676
Ion Ratio Lower Upper
43 100
61 13.4 12.2 18.4
70 10.9 9.4 14.2

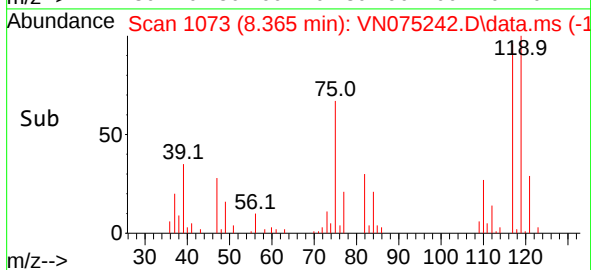
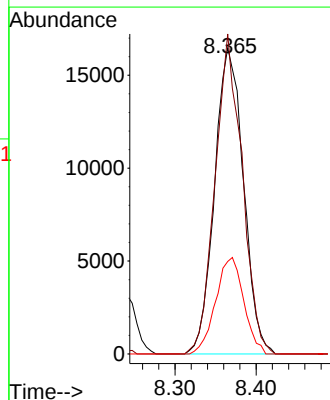
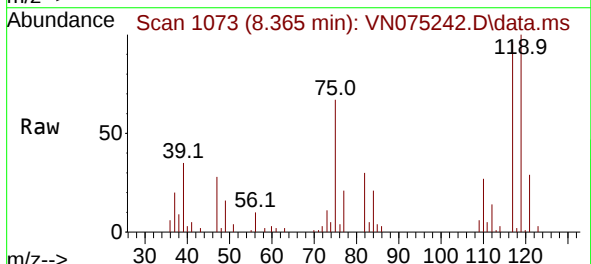
Manual Integrations
APPROVED

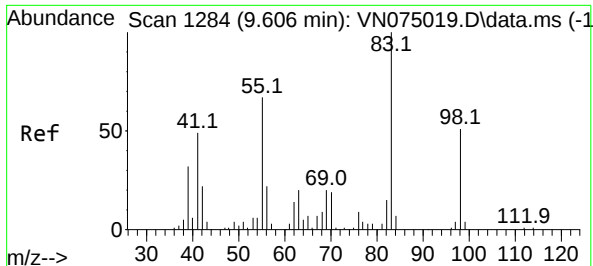
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#38
Carbon Tetrachloride
Concen: 20.958 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN075242.D
Acq: 11 Nov 2022 12:53

Tgt Ion:117 Resp: 40699
Ion Ratio Lower Upper
117 100
119 104.6 76.7 115.1
121 30.2 23.9 35.9





#39

Methylcyclohexane

Concen: 19.994 ug/l

RT: 9.606 min Scan# 1111

Delta R.T. -0.000 min

Lab File: VN075242.D

Acq: 11 Nov 2022 12:53

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBS01

Tgt Ion: 83 Resp: 46598

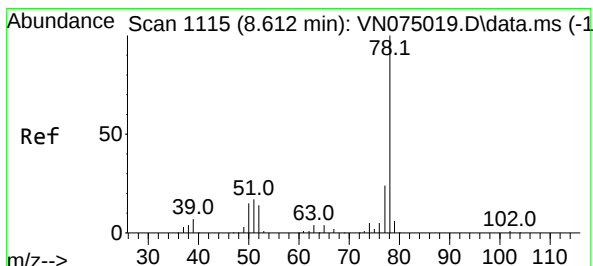
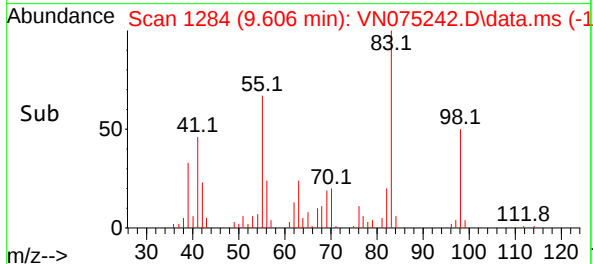
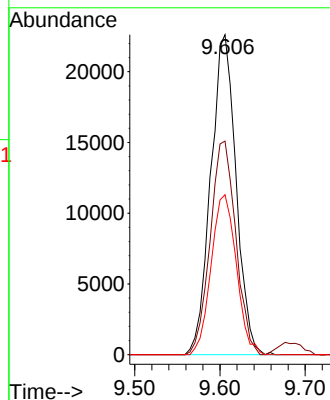
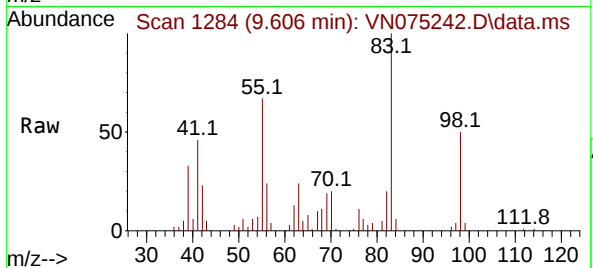
Ion	Ratio	Lower	Upper
83	100		
55	66.8	53.6	80.4
98	50.0	41.1	61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#40

Benzene

Concen: 21.209 ug/l

RT: 8.612 min Scan# 1115

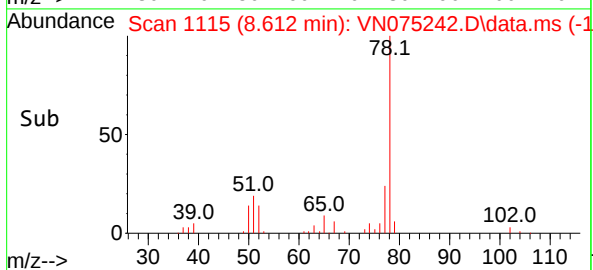
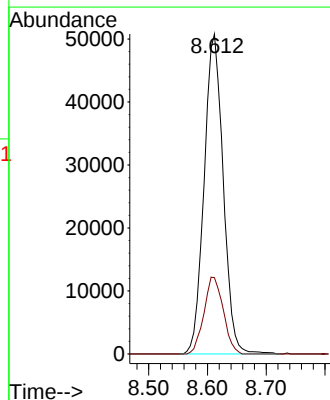
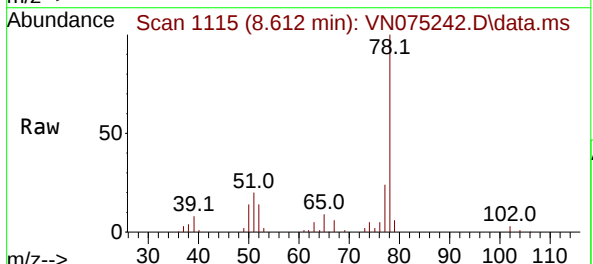
Delta R.T. -0.000 min

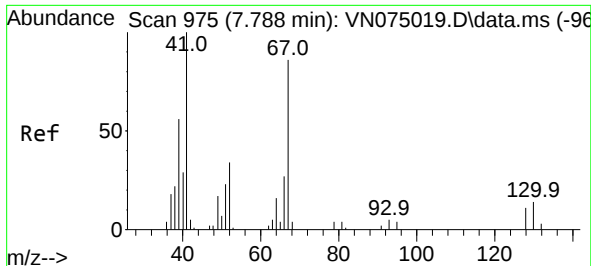
Lab File: VN075242.D

Acq: 11 Nov 2022 12:53

Tgt Ion: 78 Resp: 114643

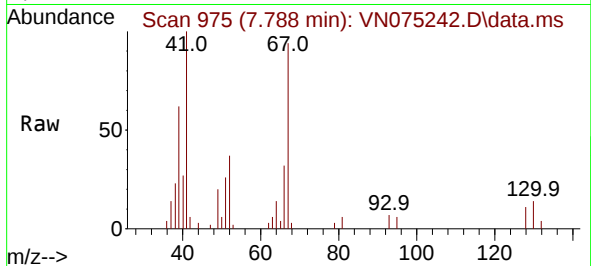
Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.4	29.0





#41
Methacrylonitrile
Concen: 19.178 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075242.D
Acq: 11 Nov 2022 12:53

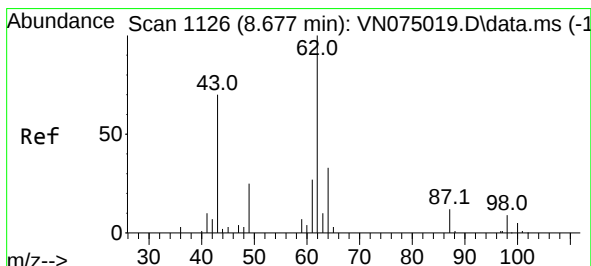
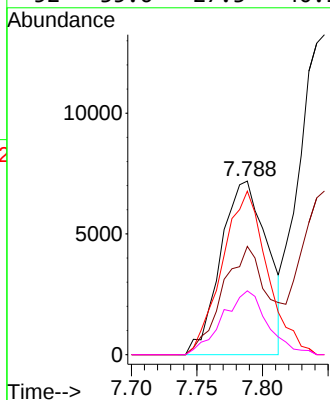
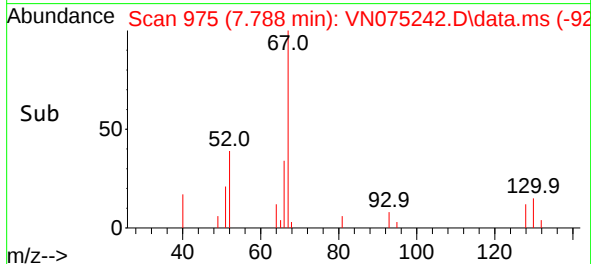
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01



Tgt Ion: 41	Resp: 17789
Ion Ratio	Lower Upper
41 100	
39 63.3	44.4 66.6
67 91.2	69.8 104.6
52 35.6	27.3 40.9

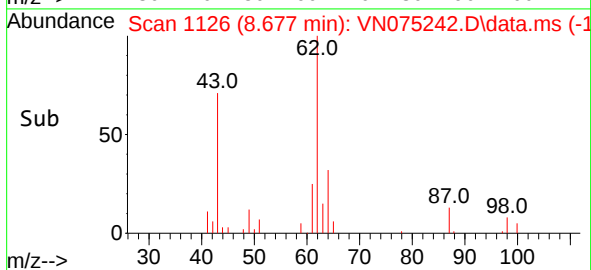
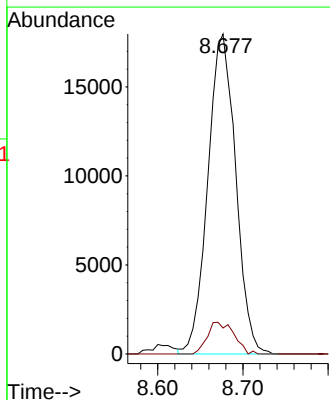
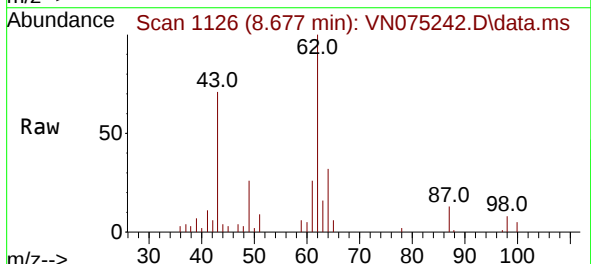
Manual Integrations
APPROVED

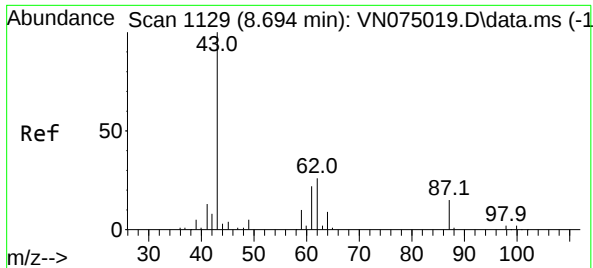
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#42
1,2-Dichloroethane
Concen: 20.810 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN075242.D
Acq: 11 Nov 2022 12:53

Tgt Ion: 62	Resp: 40925
Ion Ratio	Lower Upper
62 100	
98 9.5	0.0 18.2





#43

Isopropyl Acetate

Concen: 18.670 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN075242.D

Acq: 11 Nov 2022 12:53

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBS01

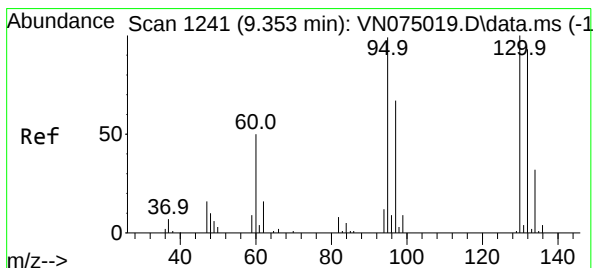
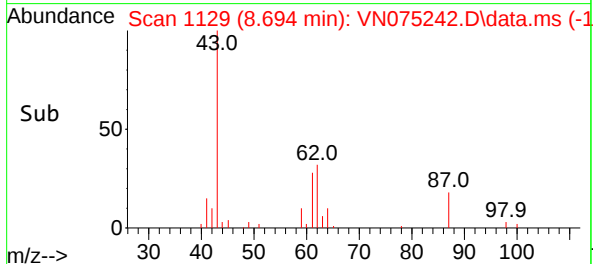
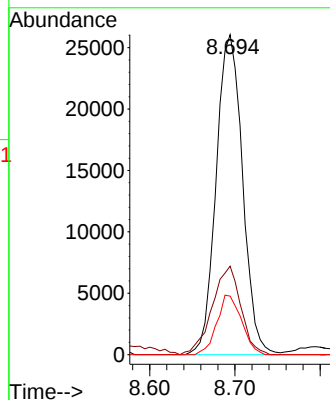
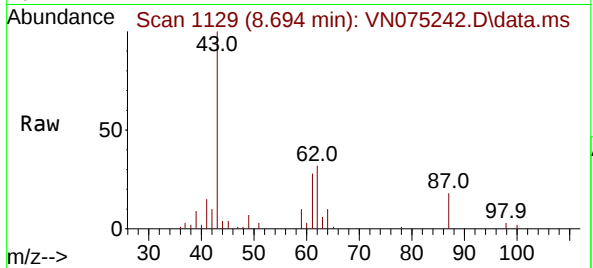
Tgt Ion: 43	Resp: 5606
Ion Ratio	Lower Upper
43 100	
61 30.0	22.4 33.6
87 17.4	12.5 18.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#44

Trichloroethene

Concen: 21.941 ug/l

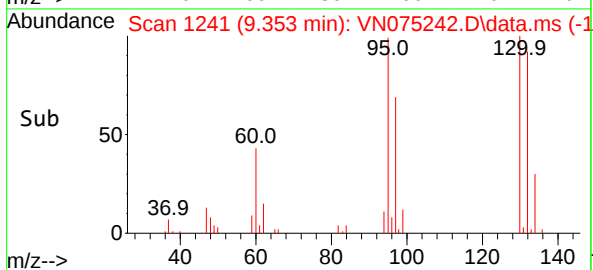
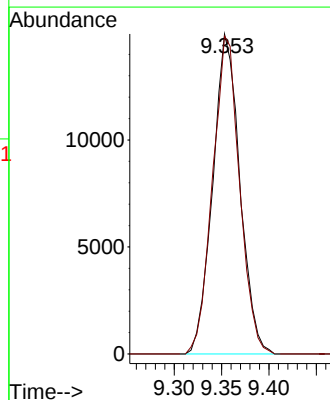
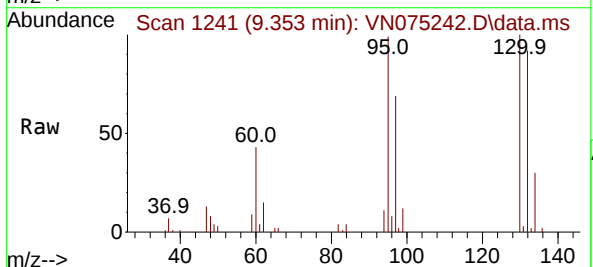
RT: 9.353 min Scan# 1241

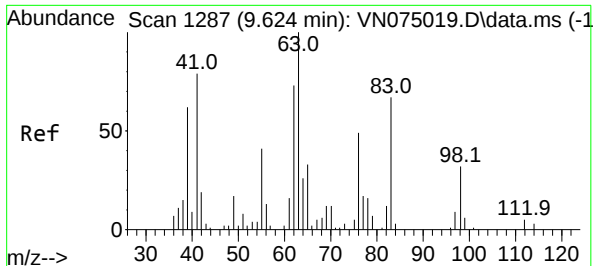
Delta R.T. 0.000 min

Lab File: VN075242.D

Acq: 11 Nov 2022 12:53

Tgt Ion:130	Resp: 29755
Ion Ratio	Lower Upper
130 100	
95 99.3	0.0 198.4





#45

1,2-Dichloropropane

Concen: 21.034 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN075242.D

Acq: 11 Nov 2022 12:53

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBS01

Tgt Ion: 63 Resp: 2705

Ion Ratio Lower Upper

63 100

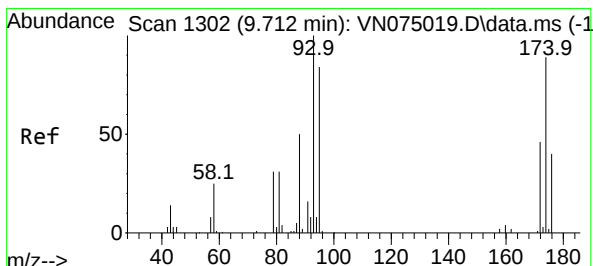
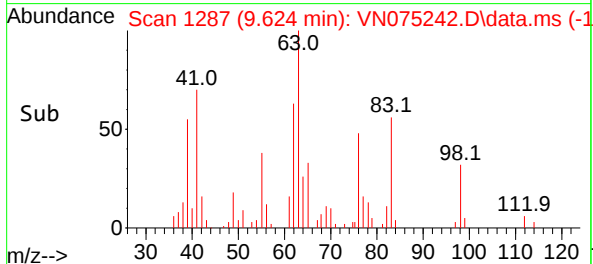
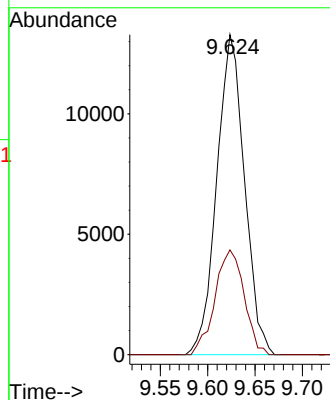
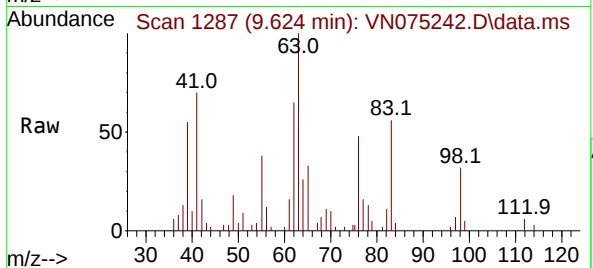
65 32.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#46

Dibromomethane

Concen: 21.020 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075242.D

Acq: 11 Nov 2022 12:53

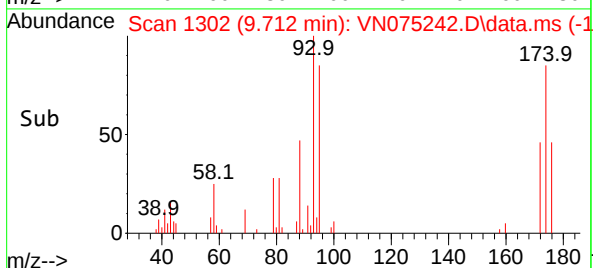
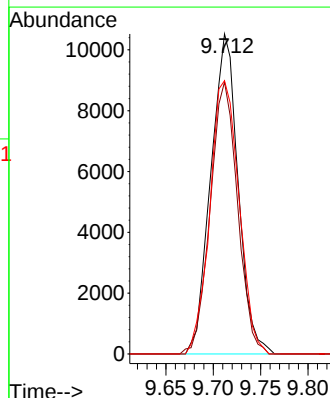
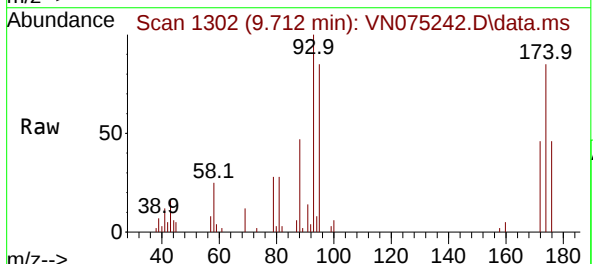
Tgt Ion: 93 Resp: 21066

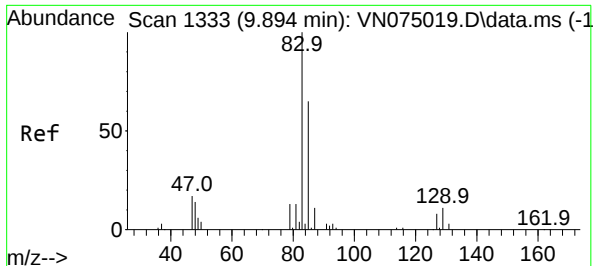
Ion Ratio Lower Upper

93 100

95 84.9 66.6 99.8

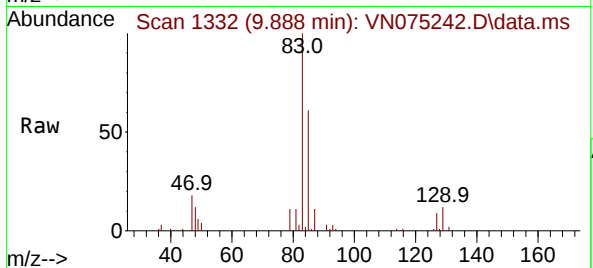
174 91.0 70.3 105.5





#47
Bromodichloromethane
Concen: 20.595 ug/l
RT: 9.888 min Scan# 1333
Delta R.T. -0.006 min
Lab File: VN075242.D
Acq: 11 Nov 2022 12:53

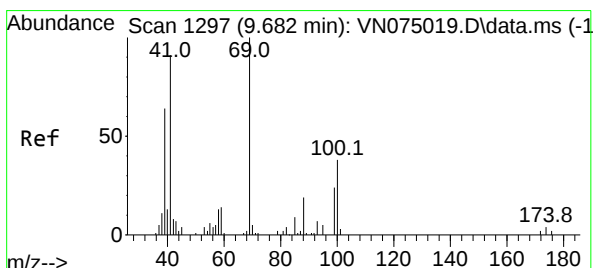
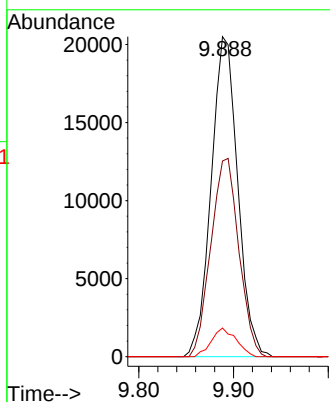
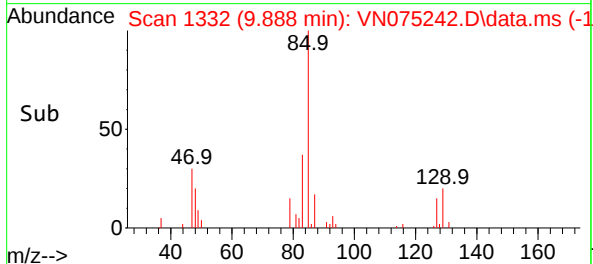
Instrument :
MSVOA_N
Client Sample Id :
VN1111WBS01



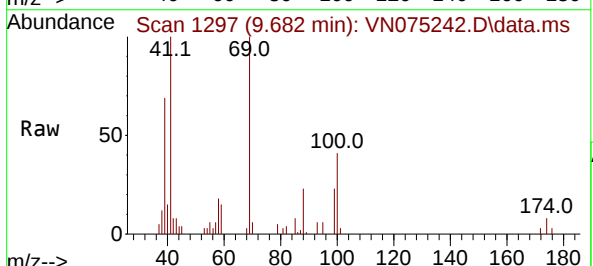
Tgt Ion: 83 Resp: 3997
Ion Ratio Lower Upper
83 100
85 61.1 52.1 78.1
127 8.9 6.6 10.0

Manual Integrations
APPROVED

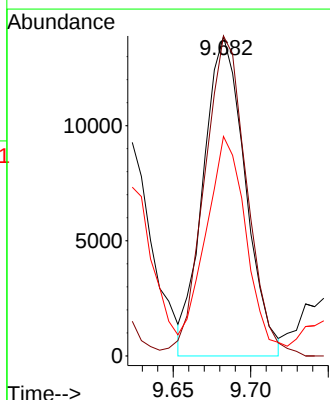
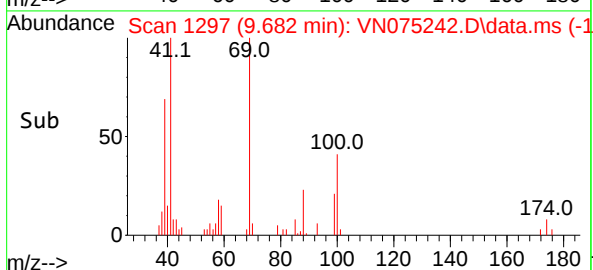
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022

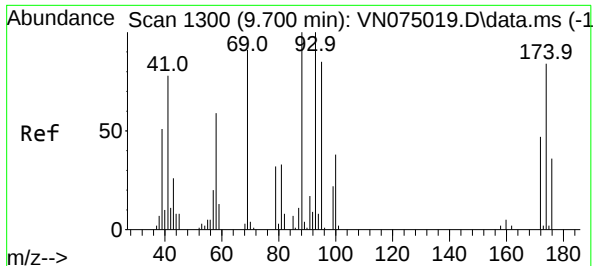


#48
Methyl methacrylate
Concen: 18.904 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN075242.D
Acq: 11 Nov 2022 12:53



Tgt Ion: 41 Resp: 26041
Ion Ratio Lower Upper
41 100
69 101.0 80.2 120.2
39 67.5 56.2 84.2





#49

1,4-Dioxane

Concen: 424.140 ug/l

RT: 9.694 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN075242.D

Acq: 11 Nov 2022 12:53

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBS01

Tgt Ion: 88 Resp: 15300

Ion Ratio Lower Upper

88 100

43 0.0 17.5 26.3

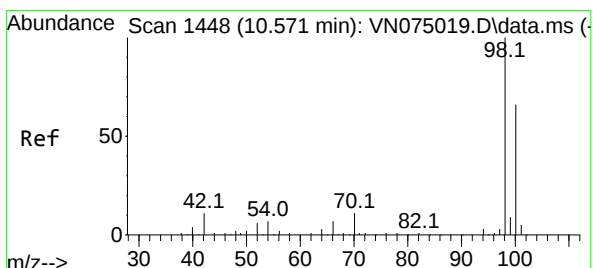
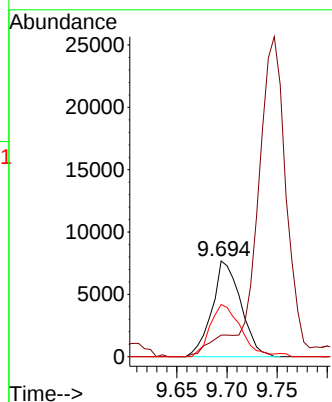
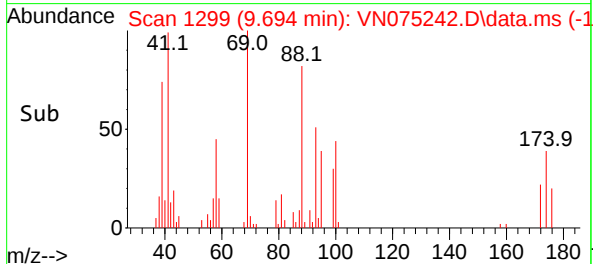
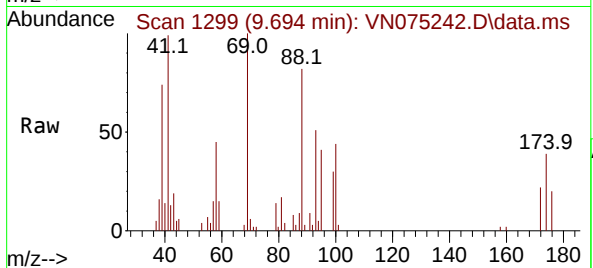
58 58.9 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#50

Toluene-d8

Concen: 49.009 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN075242.D

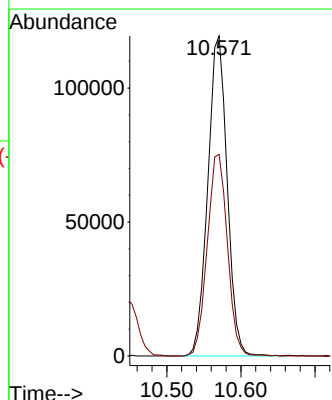
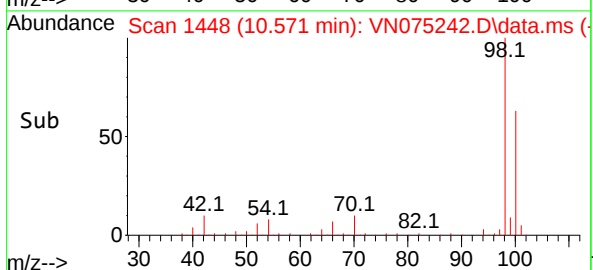
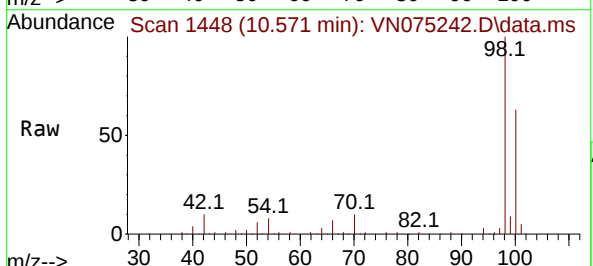
Acq: 11 Nov 2022 12:53

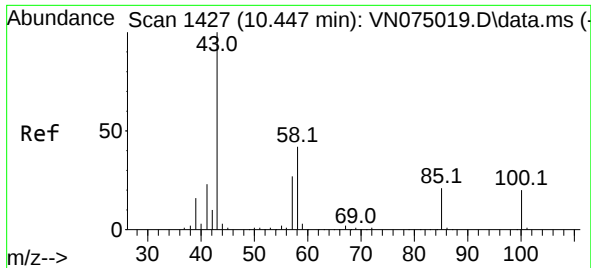
Tgt Ion: 98 Resp: 216817

Ion Ratio Lower Upper

98 100

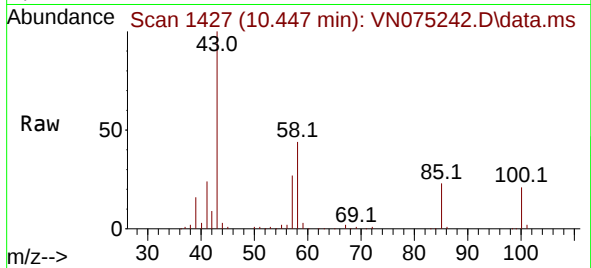
100 65.5 53.0 79.6





#51
4-Methyl-2-Pentanone
Concen: 94.071 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075242.D
Acq: 11 Nov 2022 12:53

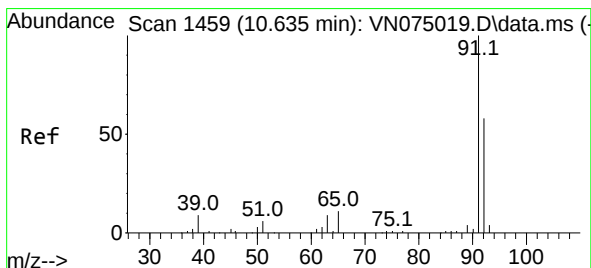
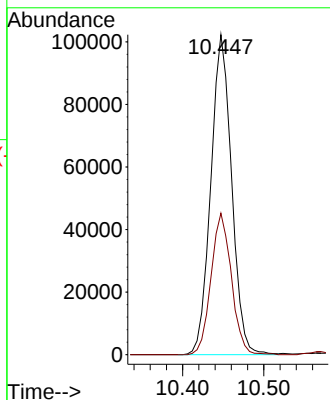
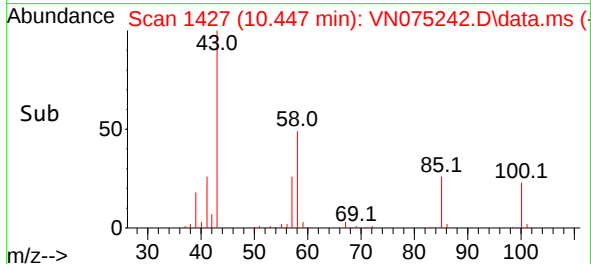
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01



Tgt Ion: 43 Resp: 18230
Ion Ratio Lower Upper
43 100
58 43.2 33.6 50.4

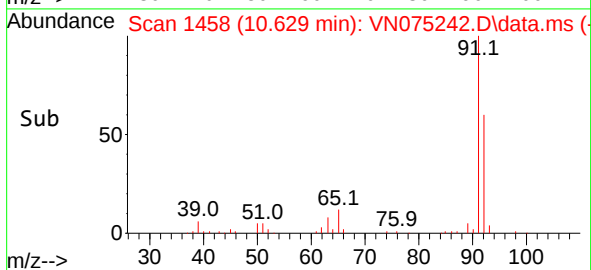
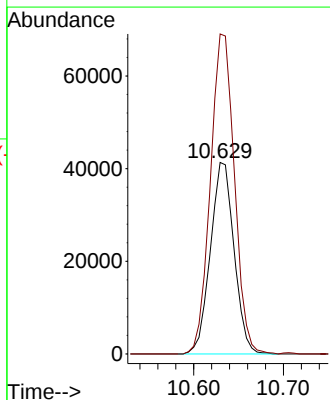
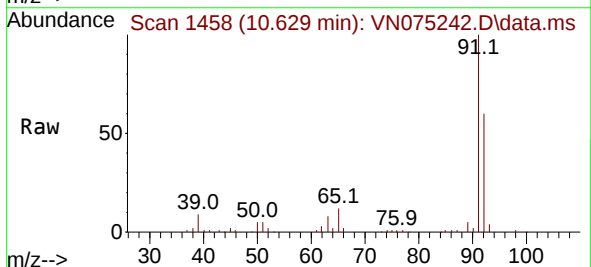
Manual Integrations
APPROVED

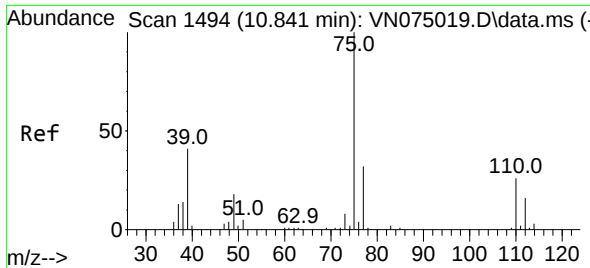
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#52
Toluene
Concen: 20.964 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN075242.D
Acq: 11 Nov 2022 12:53

Tgt Ion: 92 Resp: 75750
Ion Ratio Lower Upper
92 100
91 169.4 135.4 203.2





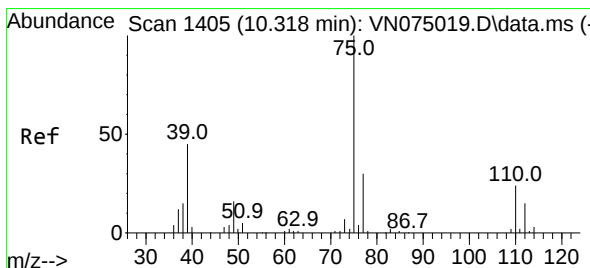
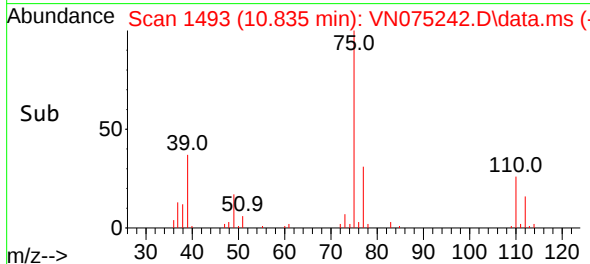
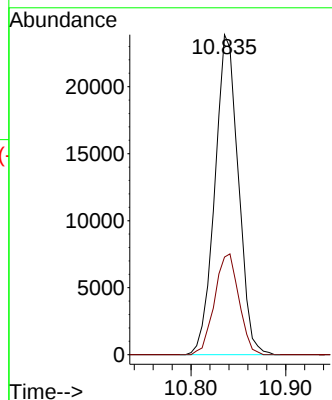
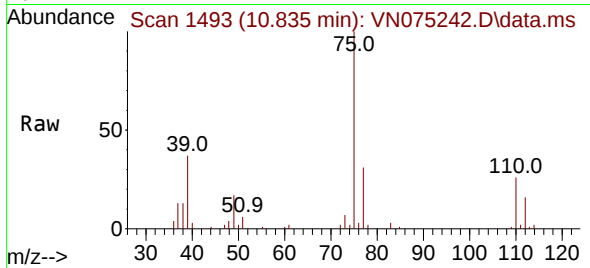
#53
 t-1,3-Dichloropropene
 Concen: 20.093 ug/l
 RT: 10.835 min Scan# 1416
 Delta R.T. -0.006 min
 Lab File: VN075242.D
 Acq: 11 Nov 2022 12:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111WBS01

Tgt Ion: 75 Resp: 4116
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.4 38.2

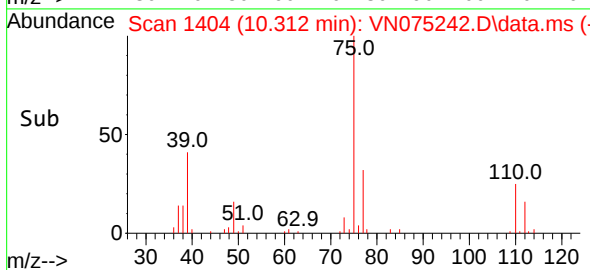
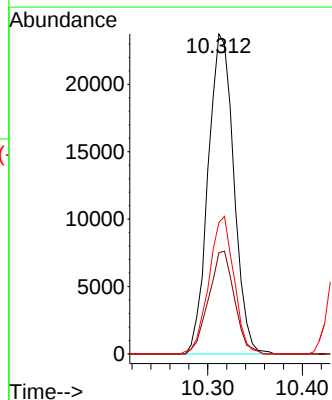
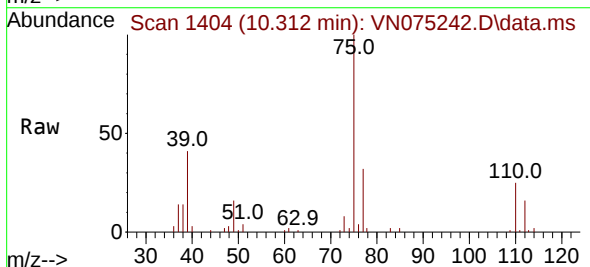
Manual Integrations
 APPROVED

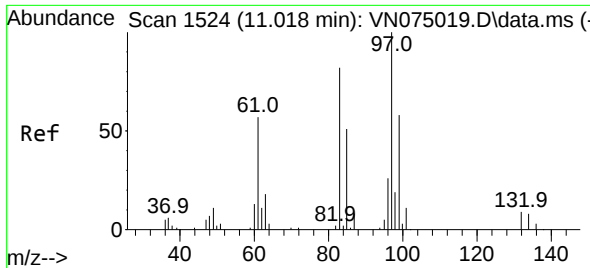
Reviewed By :John Carlone 11/14/2022
 Supervised By :Mahesh Dadoda 11/14/2022



#54
 cis-1,3-Dichloropropene
 Concen: 20.609 ug/l
 RT: 10.312 min Scan# 1404
 Delta R.T. -0.006 min
 Lab File: VN075242.D
 Acq: 11 Nov 2022 12:53

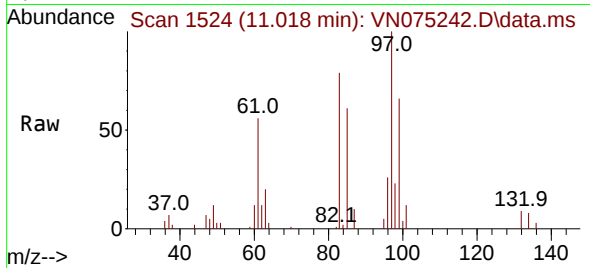
Tgt Ion: 75 Resp: 44777
 Ion Ratio Lower Upper
 75 100
 77 31.7 23.7 35.5
 39 41.1 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 21.157 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN075242.D
Acq: 11 Nov 2022 12:53

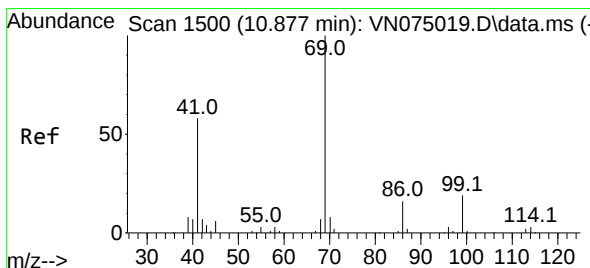
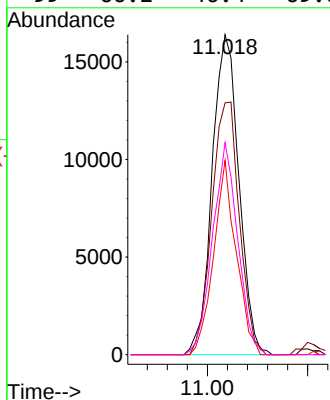
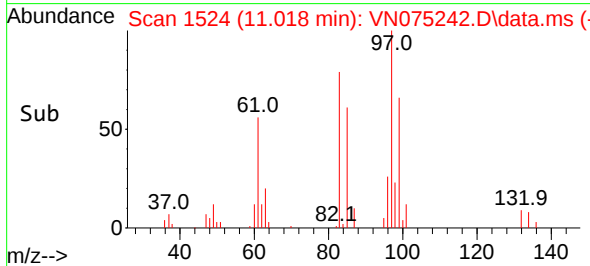
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01



Tgt Ion: 97 Resp: 30312
Ion Ratio Lower Upper
97 100
83 78.7 65.9 98.9
85 60.7 40.4 60.6
99 66.2 46.4 69.6

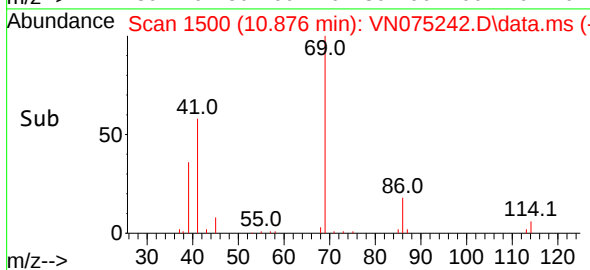
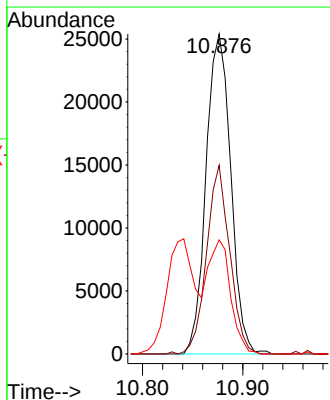
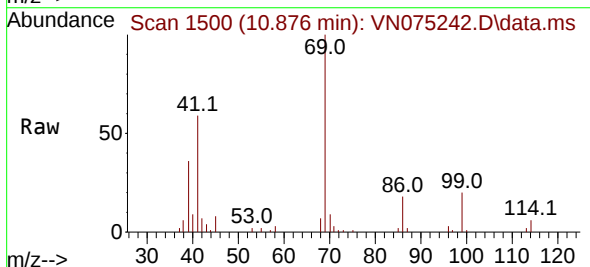
Manual Integrations
APPROVED

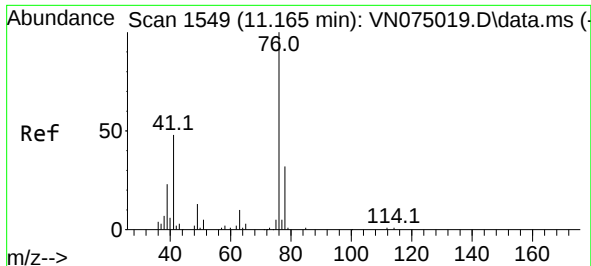
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#56
Ethyl methacrylate
Concen: 19.923 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.001 min
Lab File: VN075242.D
Acq: 11 Nov 2022 12:53

Tgt Ion: 69 Resp: 43539
Ion Ratio Lower Upper
69 100
41 55.2 45.6 68.4
39 32.5 28.5 42.7





#57

1,3-Dichloropropane

Concen: 20.835 ug/l

RT: 11.165 min Scan# 1549

Delta R.T. -0.000 min

Lab File: VN075242.D

Acq: 11 Nov 2022 12:53

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBS01

Tgt Ion: 76 Resp: 4971

Ion Ratio Lower Upper

76 100

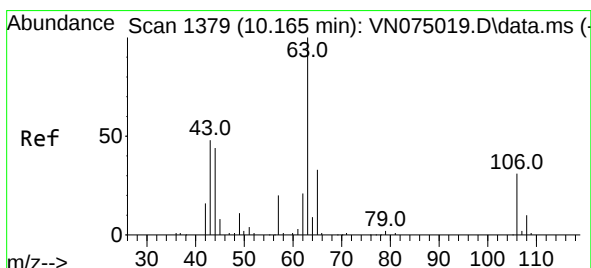
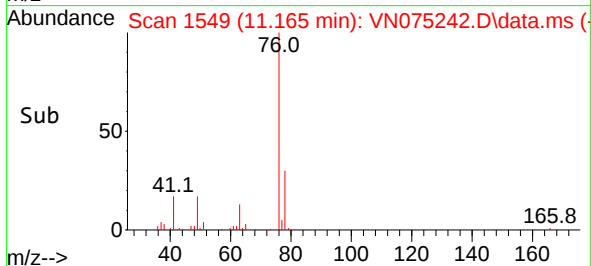
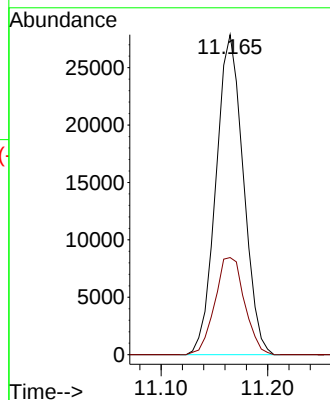
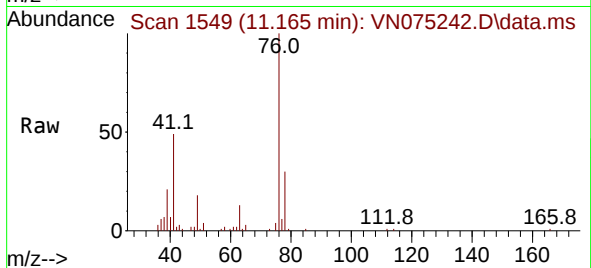
78 32.9 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#58

2-Chloroethyl Vinyl ether

Concen: 97.669 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN075242.D

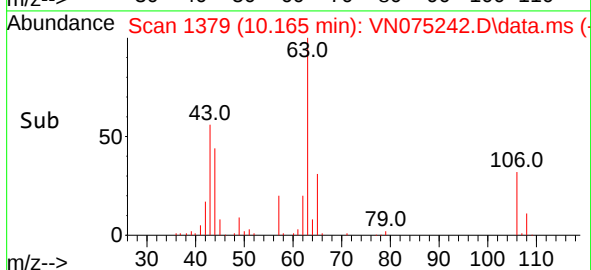
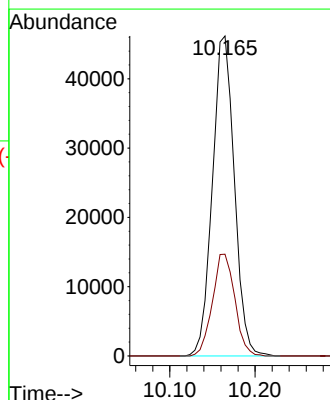
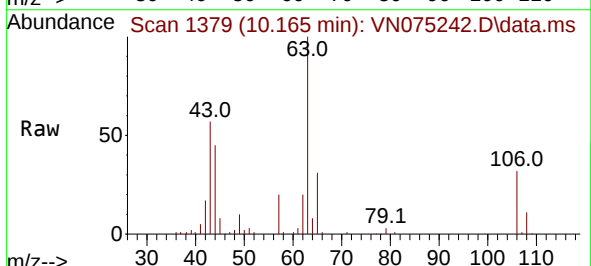
Acq: 11 Nov 2022 12:53

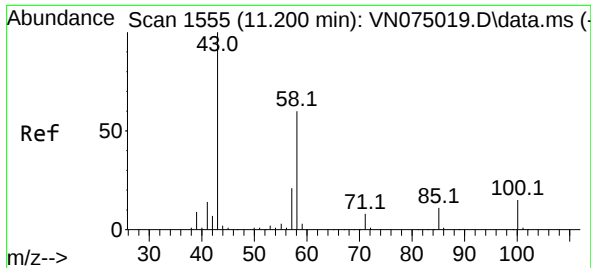
Tgt Ion: 63 Resp: 82518

Ion Ratio Lower Upper

63 100

106 32.5 24.8 37.2





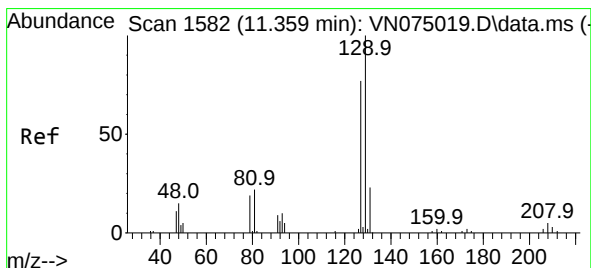
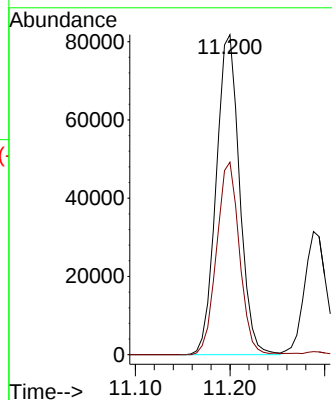
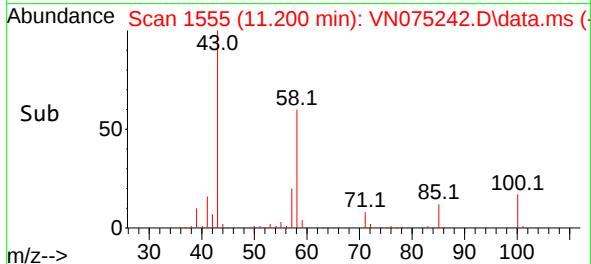
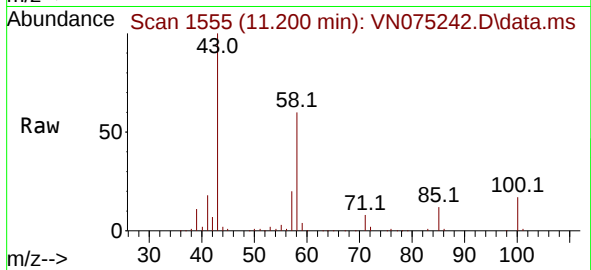
#59
2-Hexanone
Concen: 95.287 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN075242.D
Acq: 11 Nov 2022 12:53

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01

Tgt Ion: 43 Resp: 140149
Ion Ratio Lower Upper
43 100
58 58.9 29.6 88.8

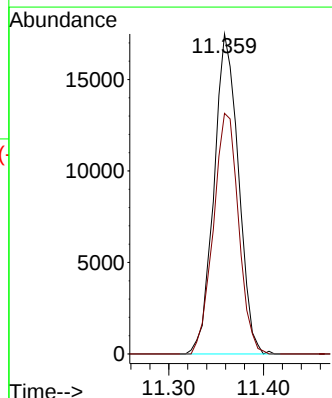
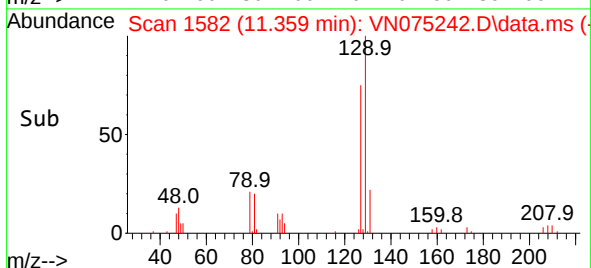
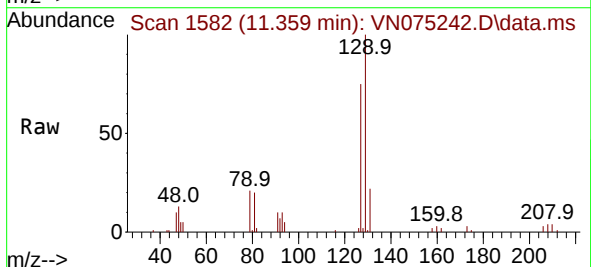
Manual Integrations
APPROVED

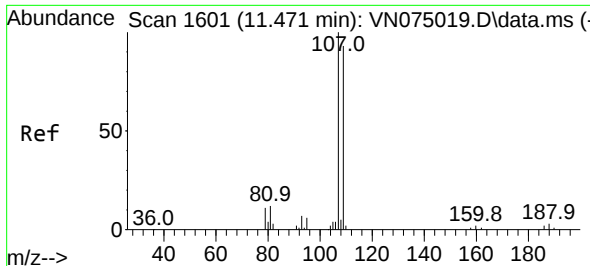
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#60
Dibromochloromethane
Concen: 20.771 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075242.D
Acq: 11 Nov 2022 12:53

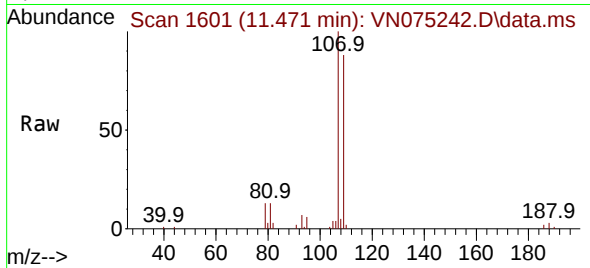
Tgt Ion:129 Resp: 31397
Ion Ratio Lower Upper
129 100
127 77.4 38.6 115.8





#61
1,2-Dibromoethane
Concen: 21.362 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075242.D
Acq: 11 Nov 2022 12:53

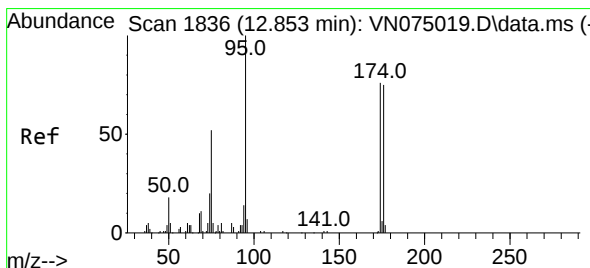
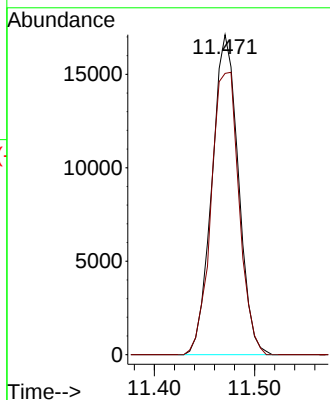
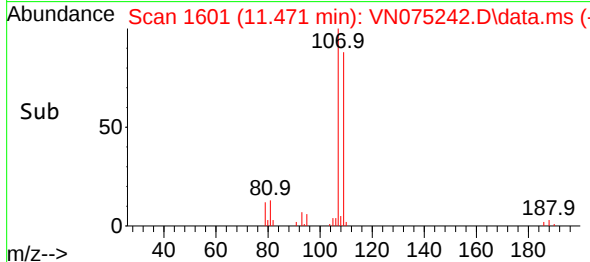
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01



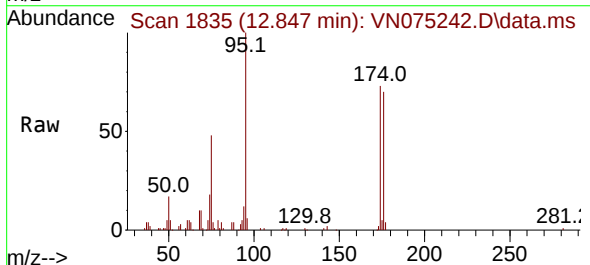
Tgt Ion:107 Resp: 3136
Ion Ratio Lower Upper
107 100
109 93.4 75.6 113.4

Manual Integrations
APPROVED

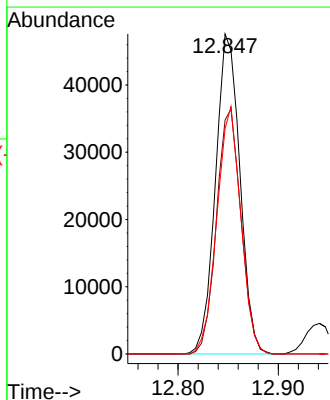
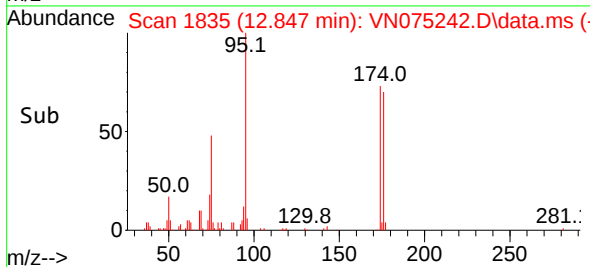
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022

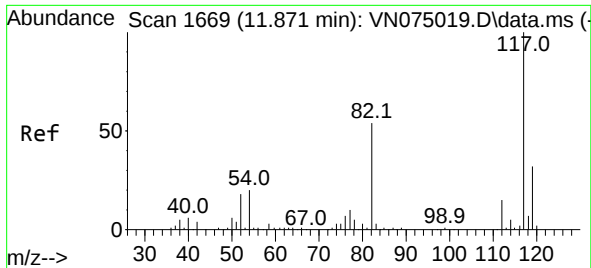


#62
4-Bromofluorobenzene
Concen: 51.814 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075242.D
Acq: 11 Nov 2022 12:53



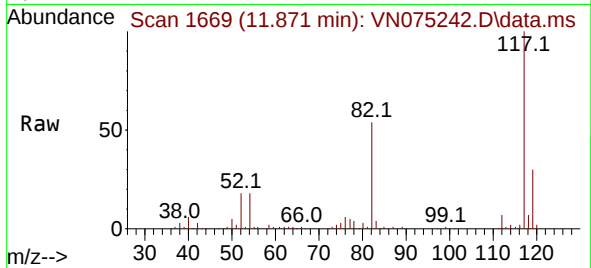
Tgt Ion: 95 Resp: 80523
Ion Ratio Lower Upper
95 100
174 76.7 0.0 147.4
176 75.9 0.0 142.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. -0.001 min
Lab File: VN075242.D
Acq: 11 Nov 2022 12:53

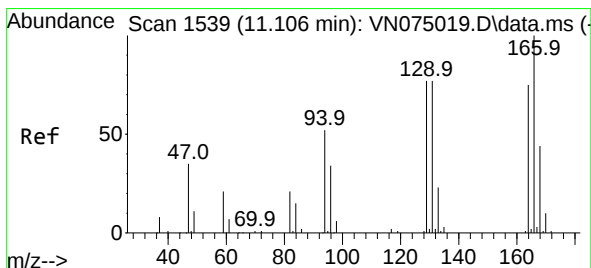
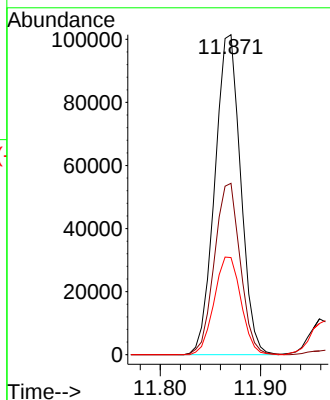
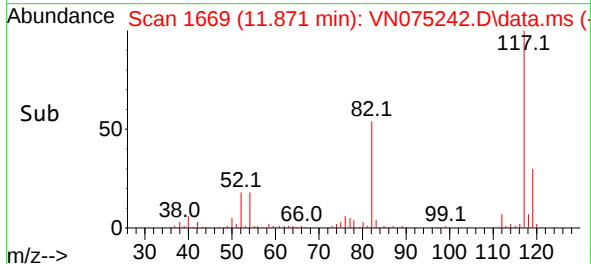
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01



Tgt Ion:117 Resp: 18119
Ion Ratio Lower Upper
117 100
82 53.6 43.1 64.7
119 30.4 25.5 38.3

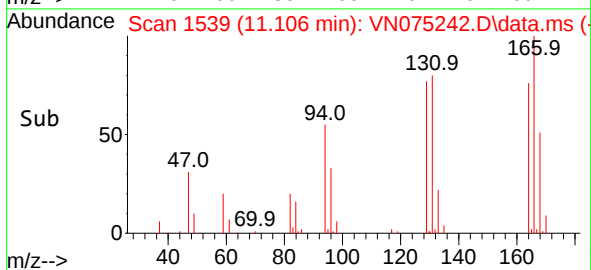
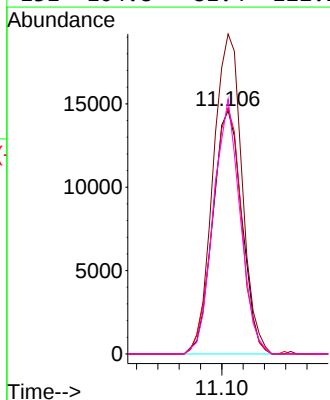
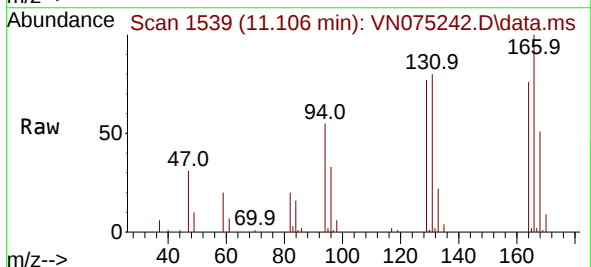
Manual Integrations
APPROVED

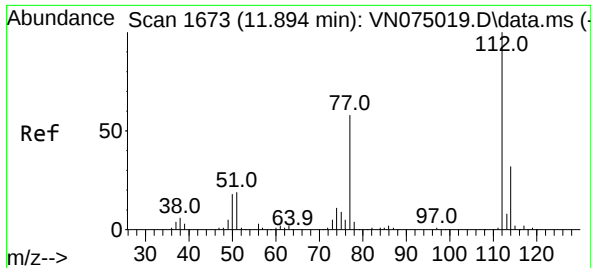
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#64
Tetrachloroethene
Concen: 24.903 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075242.D
Acq: 11 Nov 2022 12:53

Tgt Ion:164 Resp: 27664
Ion Ratio Lower Upper
164 100
166 131.6 106.5 159.7
129 101.3 81.9 122.9
131 104.8 81.4 122.2





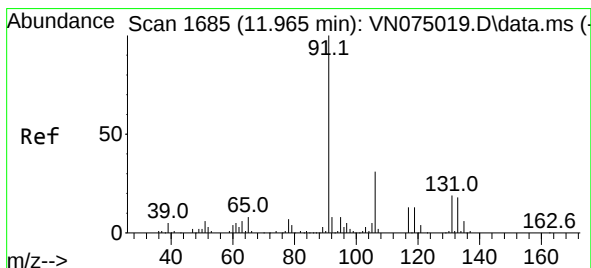
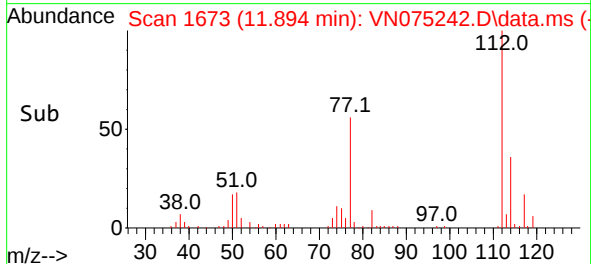
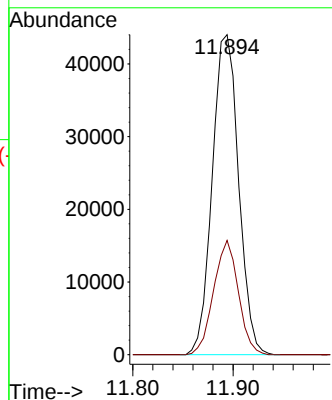
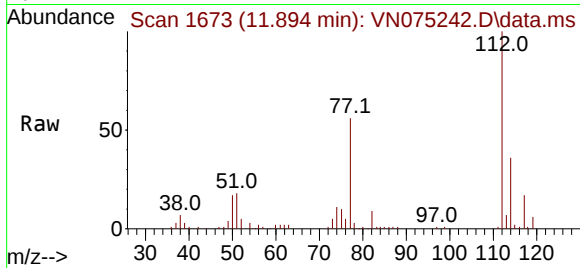
#65
Chlorobenzene
Concen: 20.787 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075242.D
Acq: 11 Nov 2022 12:53

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01

Tgt Ion:112 Resp: 80399
Ion Ratio Lower Upper
112 100
114 35.7 25.4 38.2

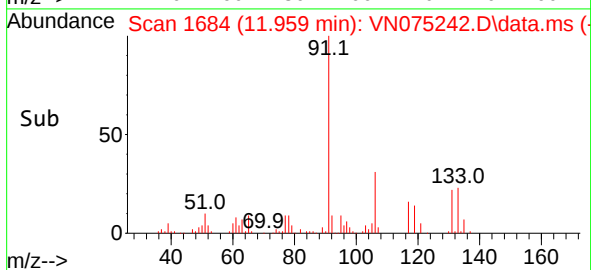
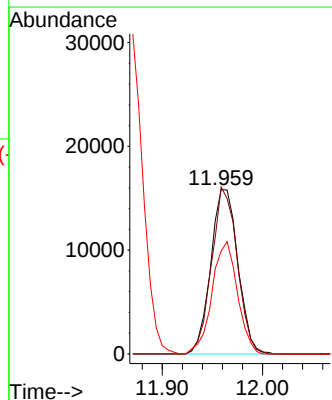
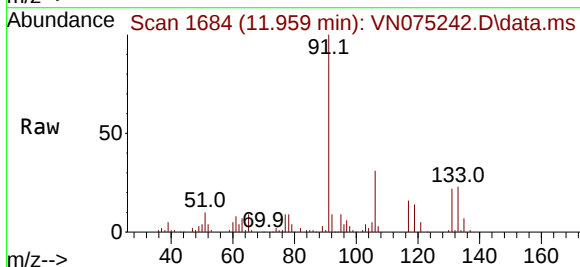
Manual Integrations
APPROVED

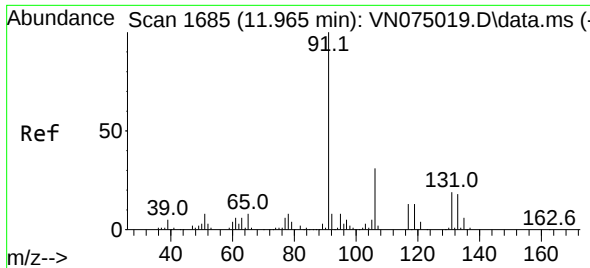
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 20.774 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN075242.D
Acq: 11 Nov 2022 12:53

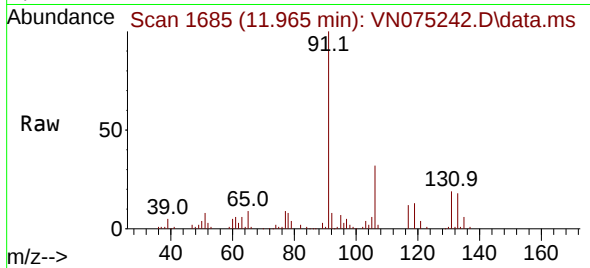
Tgt Ion:131 Resp: 29805
Ion Ratio Lower Upper
131 100
133 95.8 47.8 143.4
119 63.9 33.0 99.0





#67
Ethyl Benzene
Concen: 20.240 ug/l
RT: 11.965 min Scan# 1103
Delta R.T. -0.000 min
Lab File: VN075242.D
Acq: 11 Nov 2022 12:53

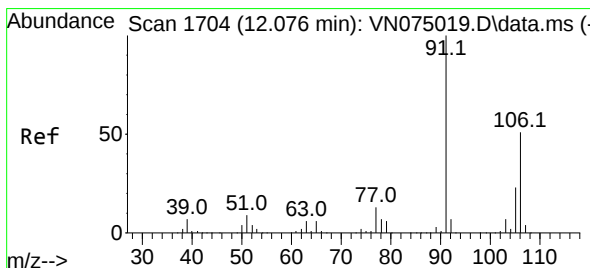
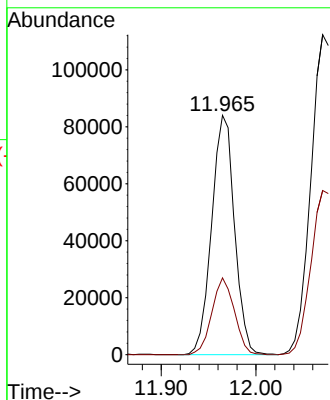
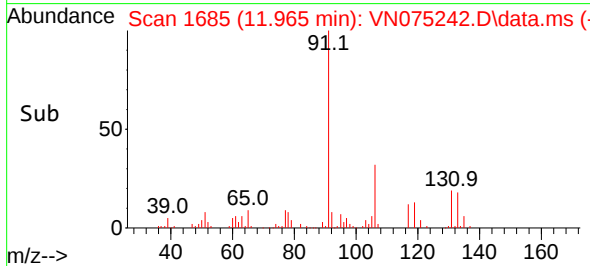
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01



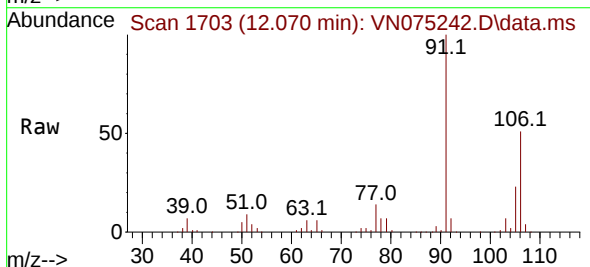
Tgt Ion: 91 Resp: 140839
Ion Ratio Lower Upper
91 100
106 32.1 24.9 37.3

Manual Integrations
APPROVED

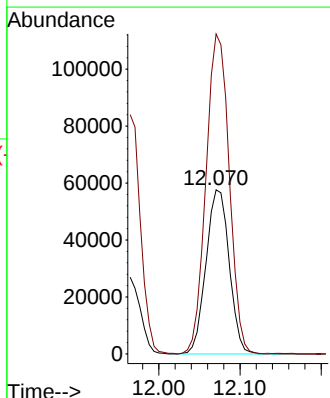
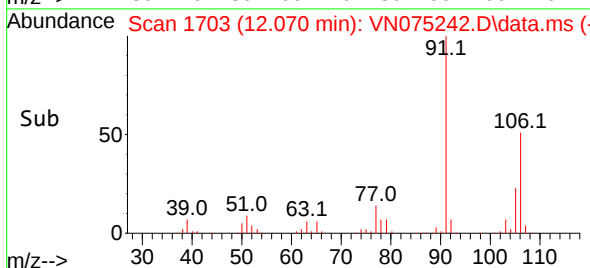
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022

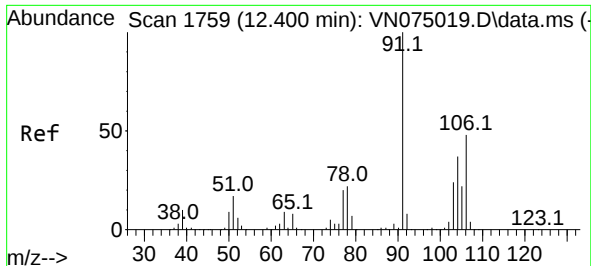


#68
m/p-Xylenes
Concen: 40.972 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN075242.D
Acq: 11 Nov 2022 12:53



Tgt Ion:106 Resp: 114396
Ion Ratio Lower Upper
106 100
91 195.4 156.0 234.0





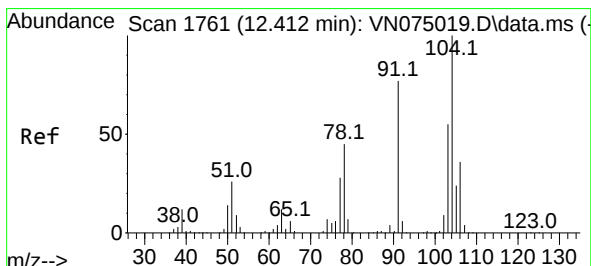
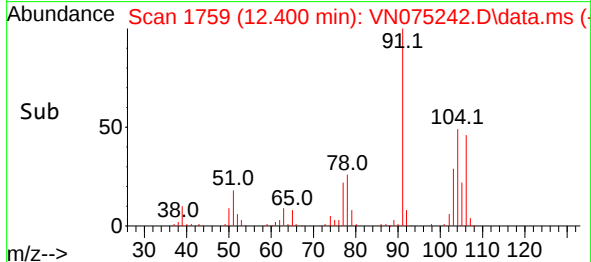
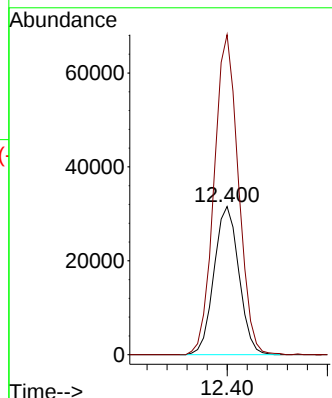
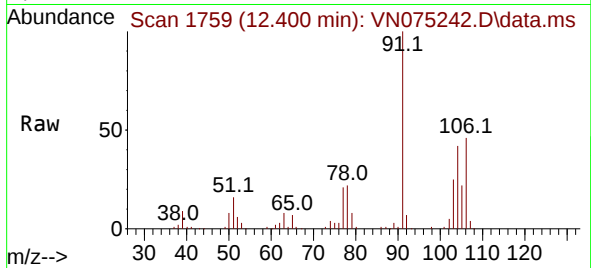
#69
o-Xylene
Concen: 19.688 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075242.D
Acq: 11 Nov 2022 12:53

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01

Tgt Ion:106 Resp: 54362
Ion Ratio Lower Upper
106 100
91 211.2 105.2 315.5

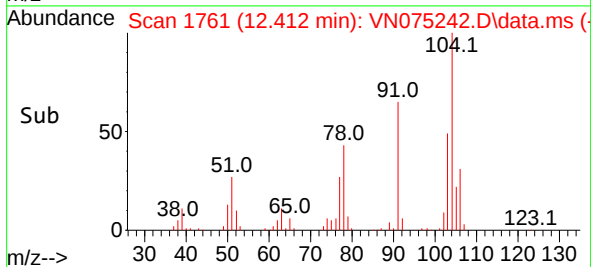
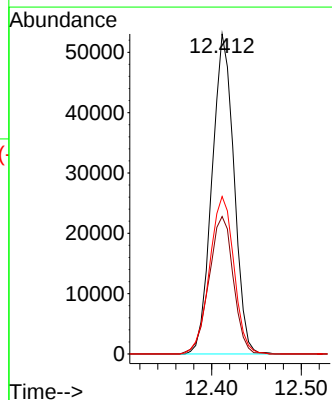
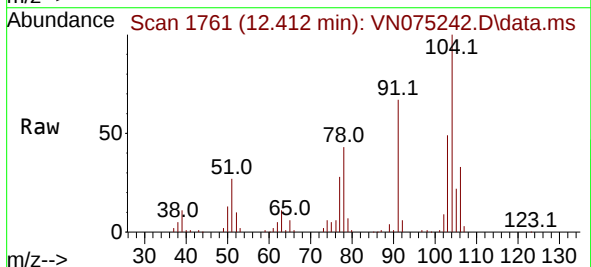
Manual Integrations
APPROVED

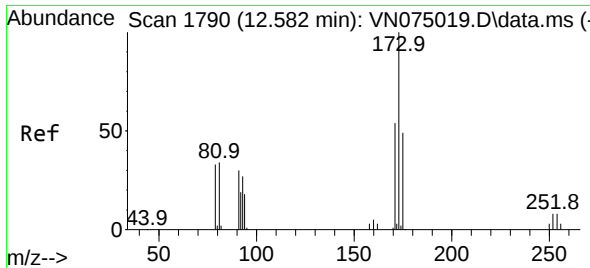
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#70
Styrene
Concen: 20.469 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075242.D
Acq: 11 Nov 2022 12:53

Tgt Ion:104 Resp: 90121
Ion Ratio Lower Upper
104 100
78 47.4 38.1 57.1
103 54.5 44.6 66.8





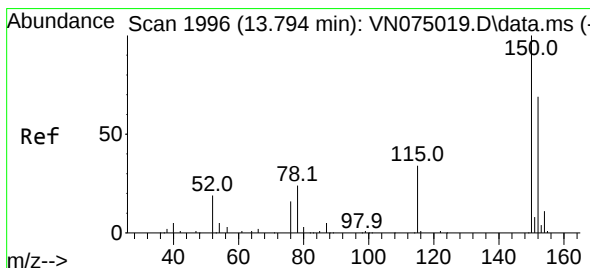
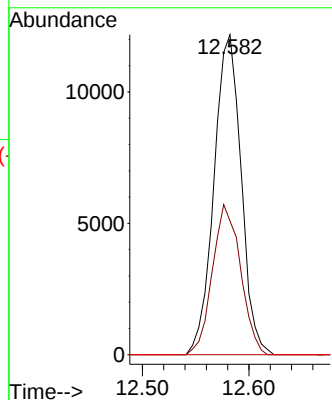
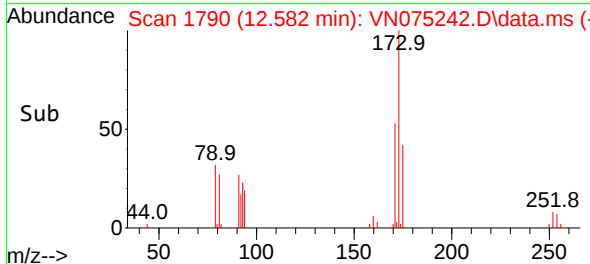
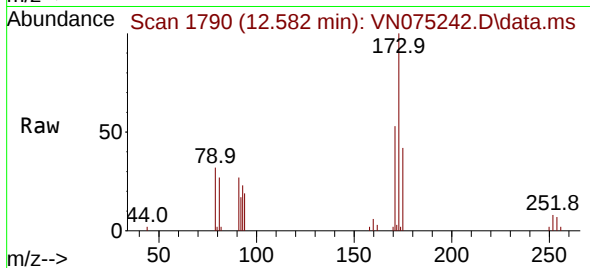
#71
Bromoform
Concen: 20.069 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN075242.D
Acq: 11 Nov 2022 12:53

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01

Tgt Ion:173 Resp: 21558
Ion Ratio Lower Upper
173 100
175 48.6 24.6 74.0
254 0.0 0.0 0.0

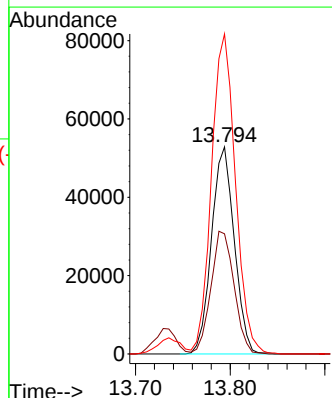
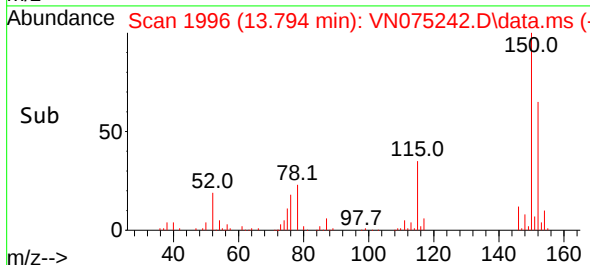
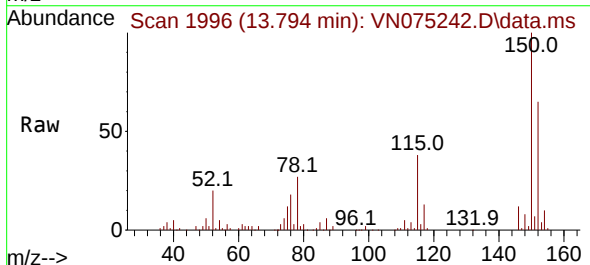
Manual Integrations
APPROVED

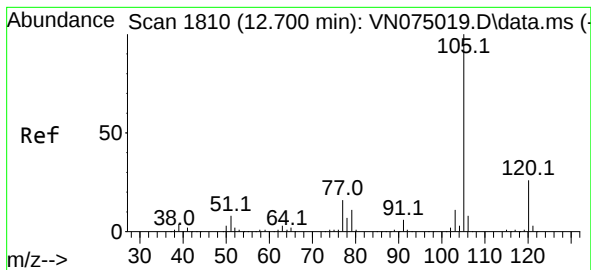
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075242.D
Acq: 11 Nov 2022 12:53

Tgt Ion:152 Resp: 88590
Ion Ratio Lower Upper
152 100
115 60.1 30.2 90.6
150 162.1 0.0 348.4





#73

Isopropylbenzene

Concen: 19.992 ug/l

RT: 12.694 min Scan# 1809

Delta R.T. -0.006 min

Lab File: VN075242.D

Acq: 11 Nov 2022 12:53

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBS01

Tgt Ion:105 Resp: 142184

Ion Ratio Lower Upper

105 100

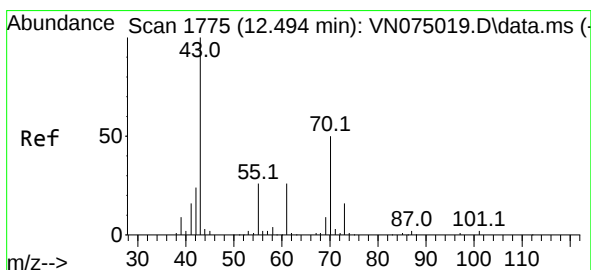
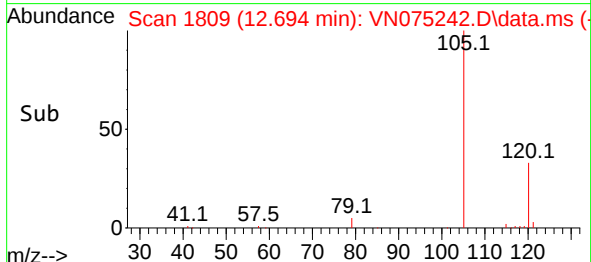
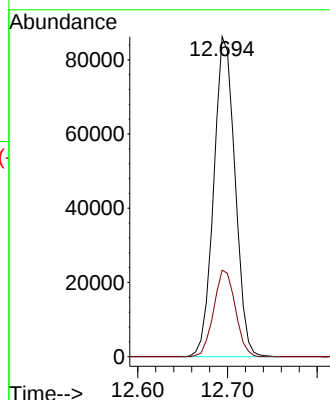
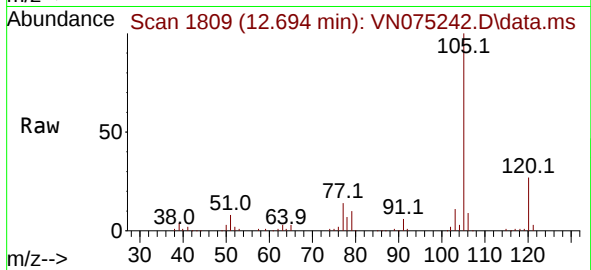
120 27.4 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#74

N-ethyl acetate

Concen: 19.087 ug/l

RT: 12.494 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VN075242.D

Acq: 11 Nov 2022 12:53

Tgt Ion: 43 Resp: 50206

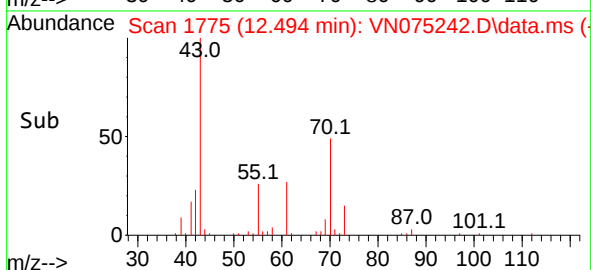
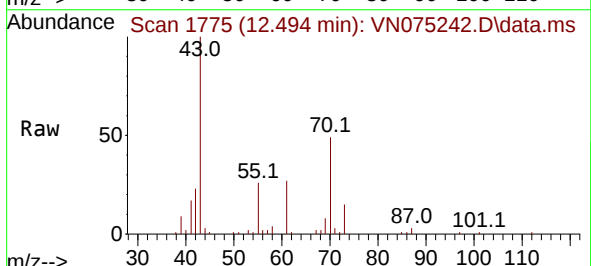
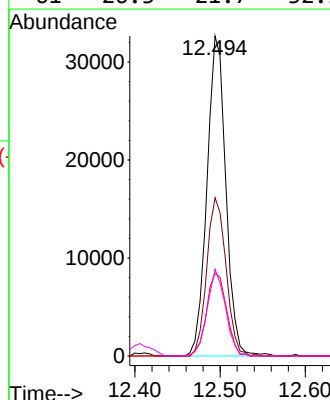
Ion Ratio Lower Upper

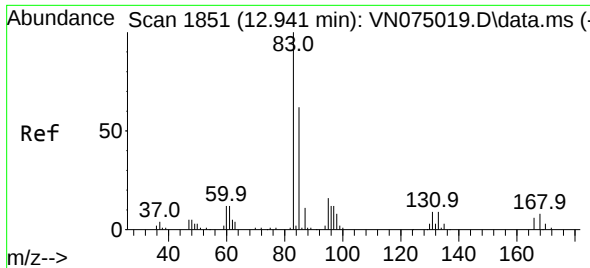
43 100

70 50.5 39.8 59.8

55 27.2 19.9 29.9

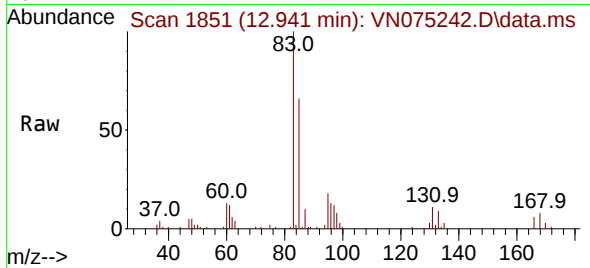
61 26.3 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 19.703 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075242.D
Acq: 11 Nov 2022 12:53

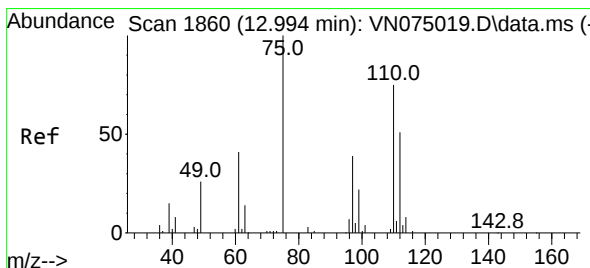
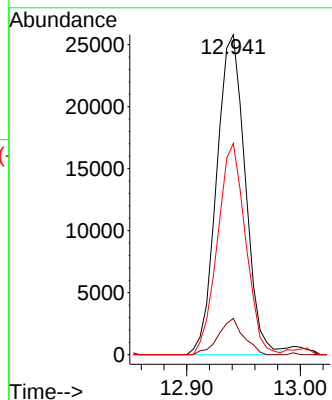
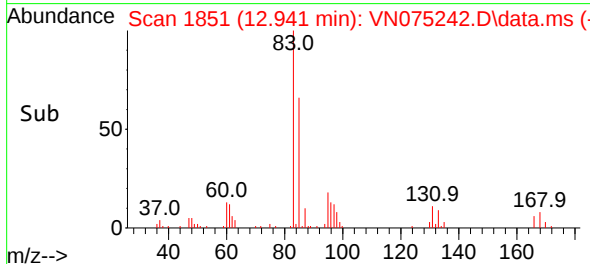
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01



Tgt Ion: 83 Resp: 4516
Ion Ratio Lower Upper
83 100
131 10.0 5.1 15.3
85 64.8 31.6 94.7

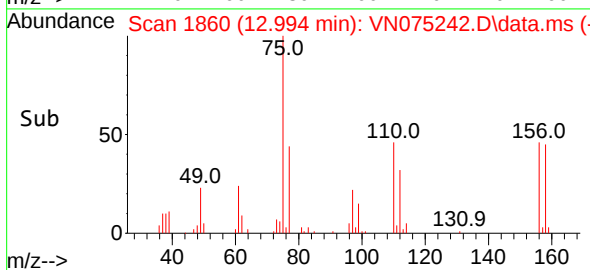
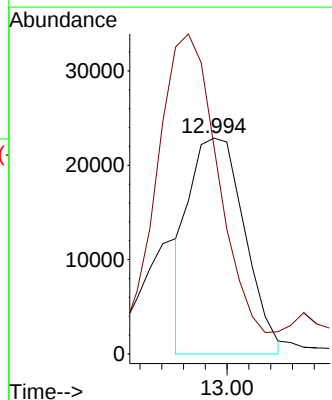
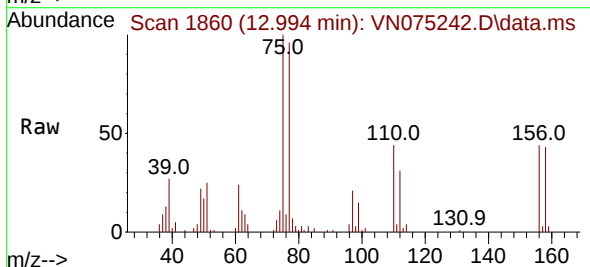
Manual Integrations
APPROVED

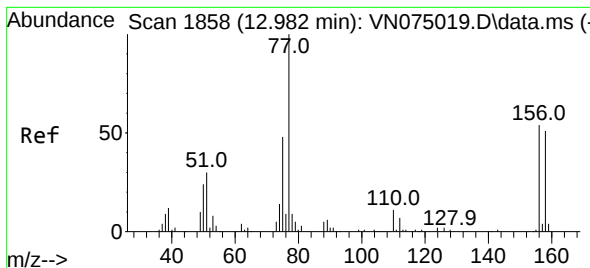
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#76
1,2,3-Trichloropropane
Concen: 21.402 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN075242.D
Acq: 11 Nov 2022 12:53

Tgt Ion: 75 Resp: 40257
Ion Ratio Lower Upper
75 100
77 171.0 75.6 226.8





#77

Bromobenzene

Concen: 21.285 ug/l

RT: 12.982 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VN075242.D

Acq: 11 Nov 2022 12:53

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBS01

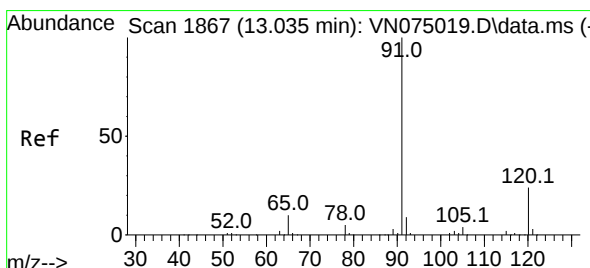
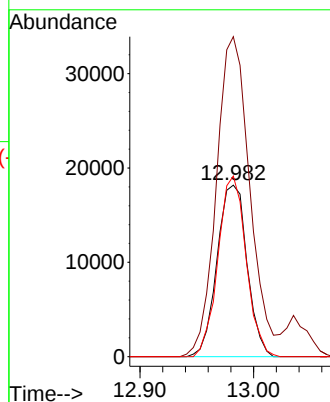
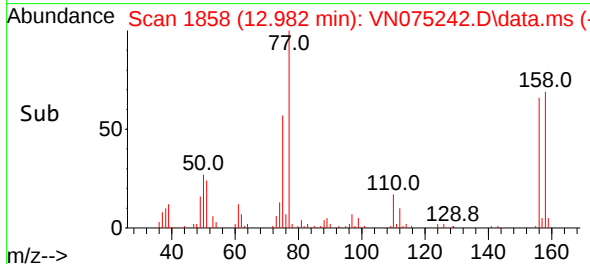
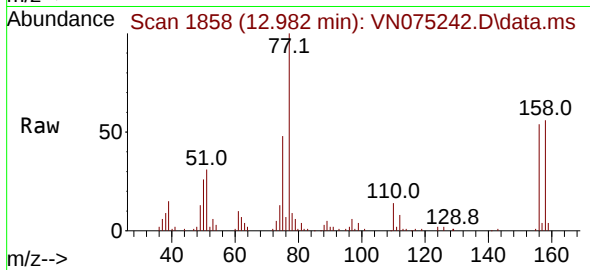
Tgt Ion:156 Resp: 3333
 Ion Ratio Lower Upper
 156 100
 77 206.5 108.5 325.5
 158 98.7 47.7 143.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#78

n-propylbenzene

Concen: 20.510 ug/l

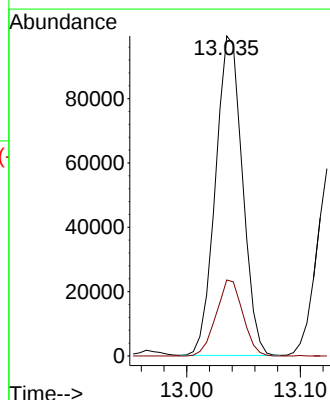
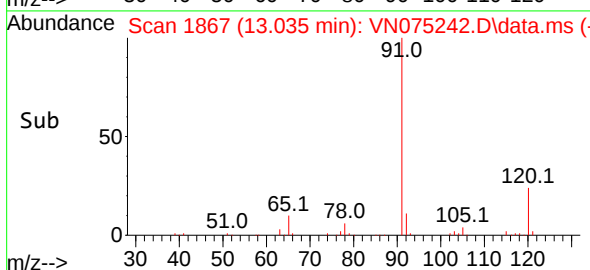
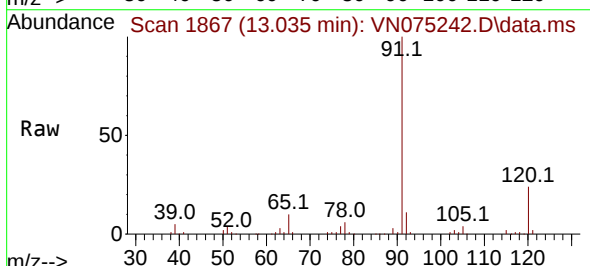
RT: 13.035 min Scan# 1867

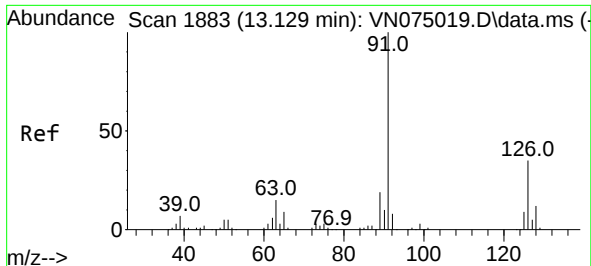
Delta R.T. 0.000 min

Lab File: VN075242.D

Acq: 11 Nov 2022 12:53

Tgt Ion: 91 Resp: 163772
 Ion Ratio Lower Upper
 91 100
 120 23.5 11.9 35.5





#79

2-Chlorotoluene

Concen: 20.394 ug/l

RT: 13.123 min Scan# 1882

Delta R.T. -0.006 min

Lab File: VN075242.D

Acq: 11 Nov 2022 12:53

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBS01

Tgt Ion: 91 Resp: 99510

Ion Ratio Lower Upper

91 100

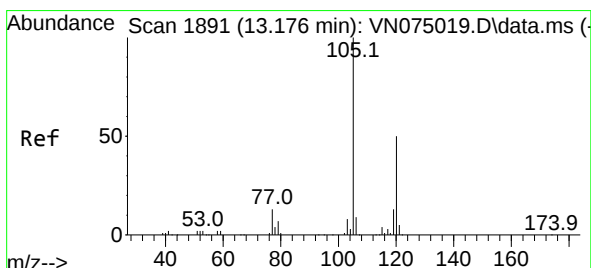
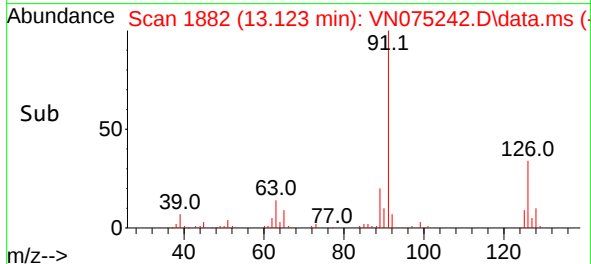
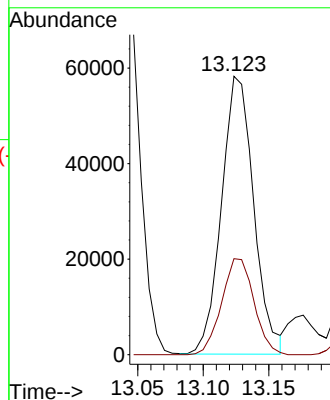
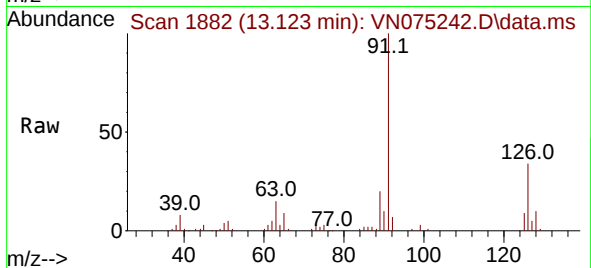
126 34.6 16.9 50.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#80

1,3,5-Trimethylbenzene

Concen: 20.818 ug/l

RT: 13.176 min Scan# 1891

Delta R.T. 0.000 min

Lab File: VN075242.D

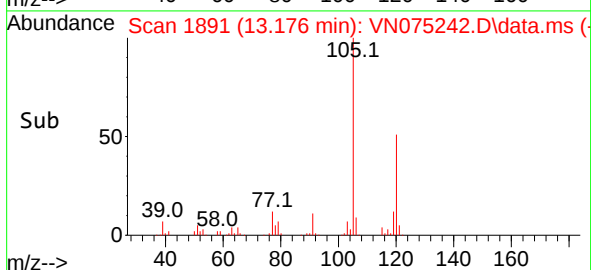
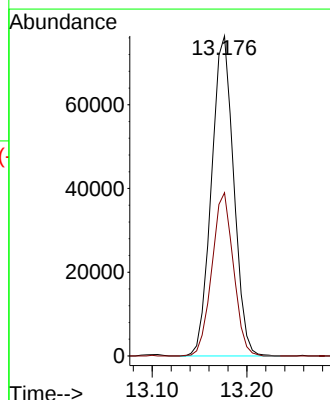
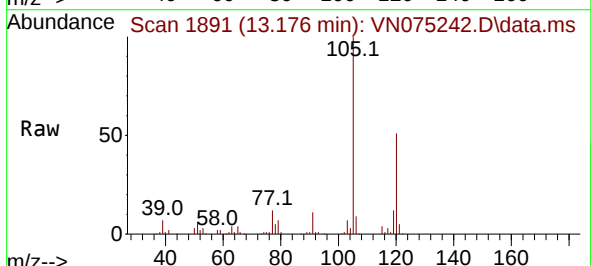
Acq: 11 Nov 2022 12:53

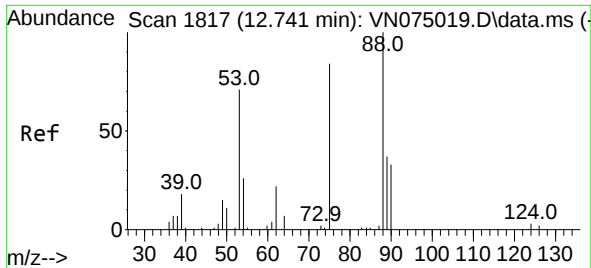
Tgt Ion:105 Resp: 124360

Ion Ratio Lower Upper

105 100

120 49.5 24.7 74.1





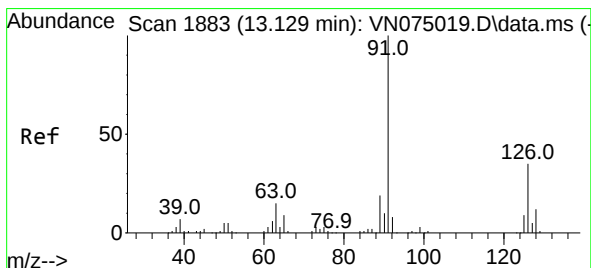
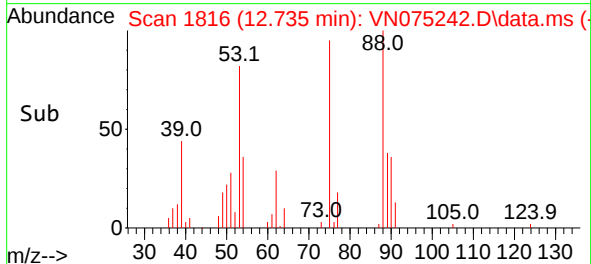
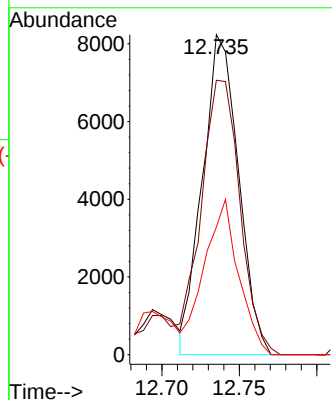
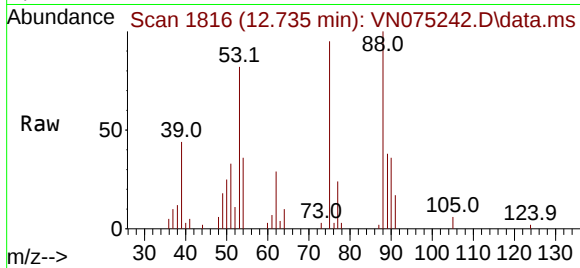
#81
trans-1,4-Dichloro-2-butene
Concen: 18.191 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. -0.006 min
Lab File: VN075242.D
Acq: 11 Nov 2022 12:53

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01

Tgt Ion: 75 Resp: 13330
Ion Ratio Lower Upper
75 100
53 104.8 78.5 117.7
89 46.4 37.7 56.5

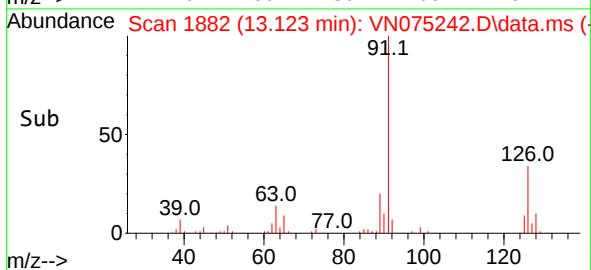
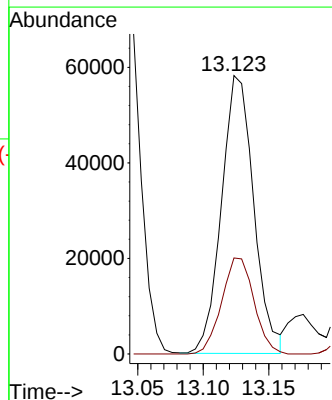
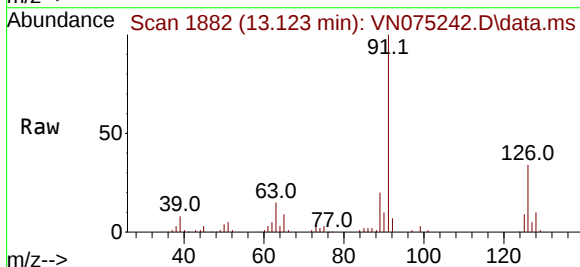
Manual Integrations
APPROVED

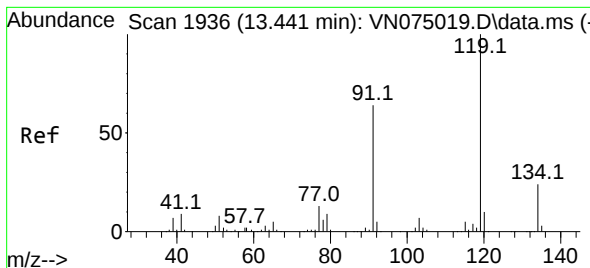
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#82
4-Chlorotoluene
Concen: 20.394 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN075242.D
Acq: 11 Nov 2022 12:53

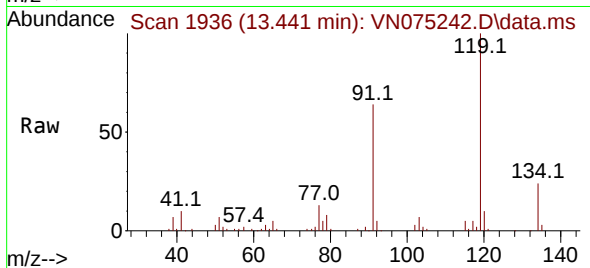
Tgt Ion: 91 Resp: 99510
Ion Ratio Lower Upper
91 100
126 34.6 16.9 50.7





#83
tert-Butylbenzene
Concen: 20.187 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN075242.D
Acq: 11 Nov 2022 12:53

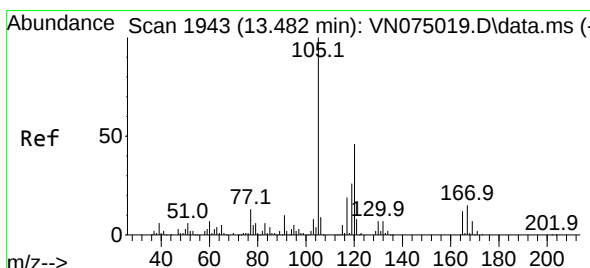
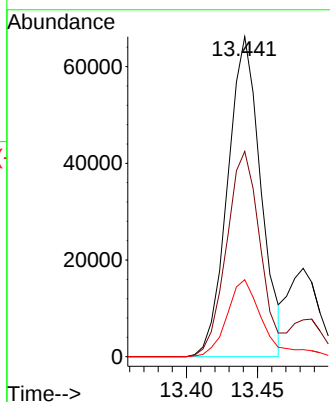
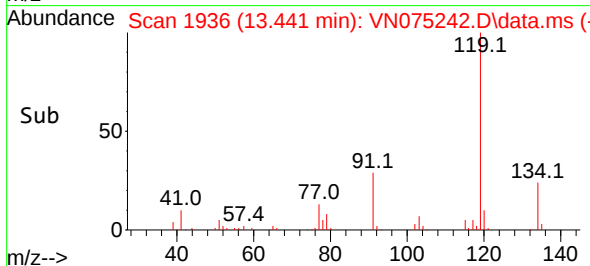
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01



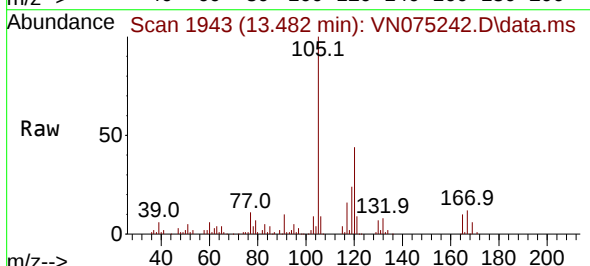
Tgt Ion:119 Resp: 107152
Ion Ratio Lower Upper
119 100
91 66.6 32.8 98.4
134 26.1 12.3 36.9

Manual Integrations
APPROVED

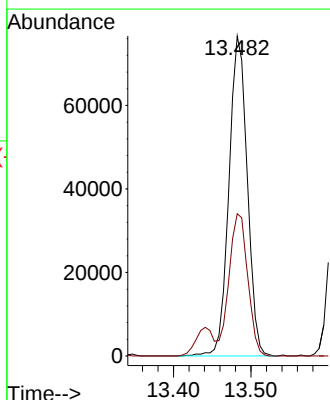
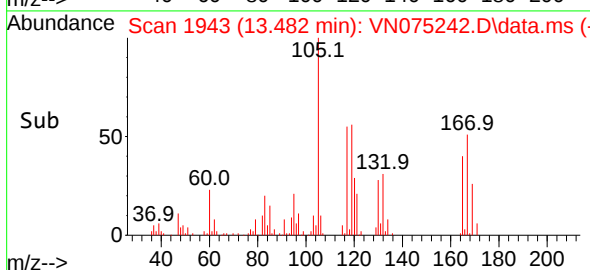
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022

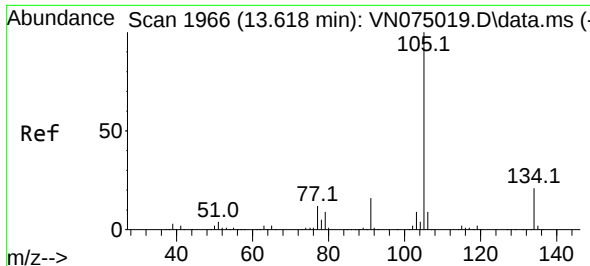


#84
1,2,4-Trimethylbenzene
Concen: 20.853 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075242.D
Acq: 11 Nov 2022 12:53



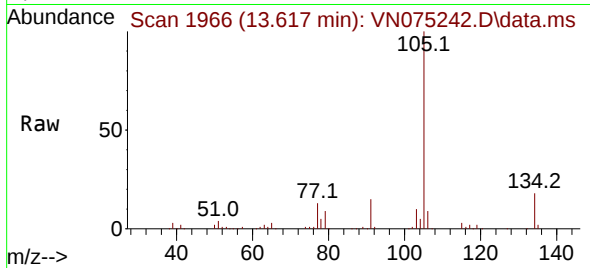
Tgt Ion:105 Resp: 126034
Ion Ratio Lower Upper
105 100
120 45.8 22.7 68.1





#85
 sec-Butylbenzene
 Concen: 20.462 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.001 min
 Lab File: VN075242.D
 Acq: 11 Nov 2022 12:53

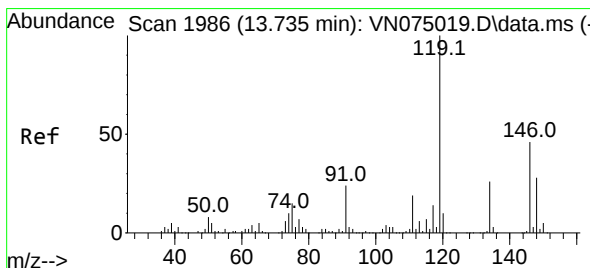
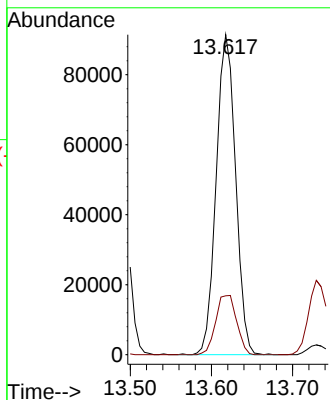
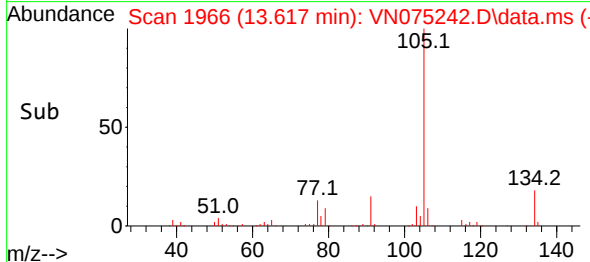
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111WBS01



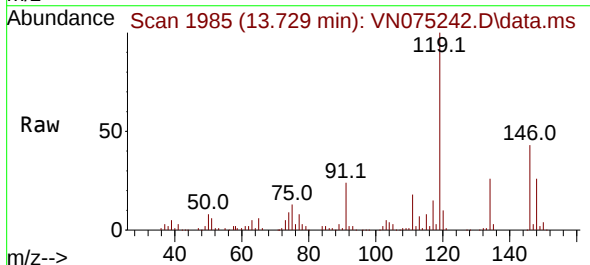
Tgt Ion:105 Resp: 151940
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.2 30.6

Manual Integrations
 APPROVED

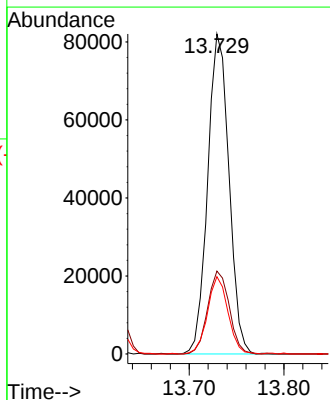
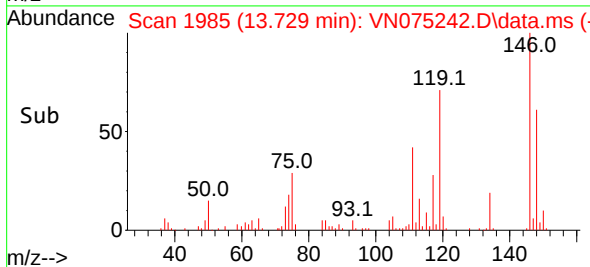
Reviewed By :John Carlone 11/14/2022
 Supervised By :Mahesh Dadoda 11/14/2022

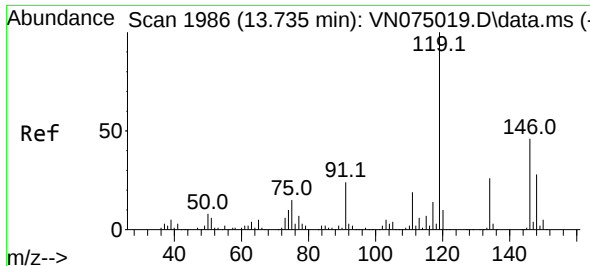


#86
 p-Isopropyltoluene
 Concen: 20.873 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.006 min
 Lab File: VN075242.D
 Acq: 11 Nov 2022 12:53



Tgt Ion:119 Resp: 128004
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.1 39.3
 91 23.3 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 21.294 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN075242.D

Acq: 11 Nov 2022 12:53

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBS01

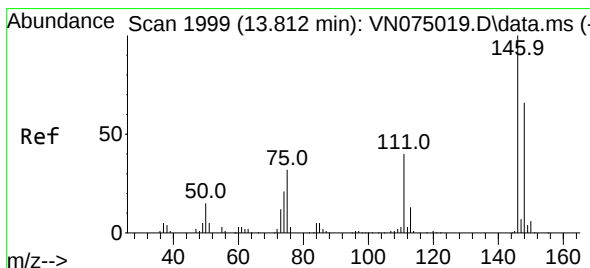
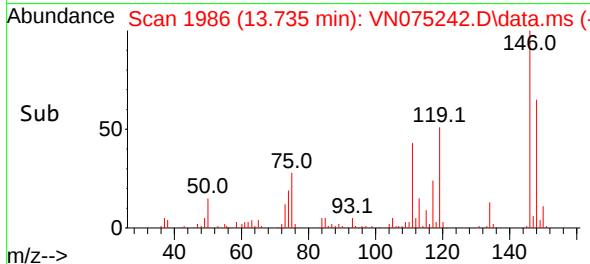
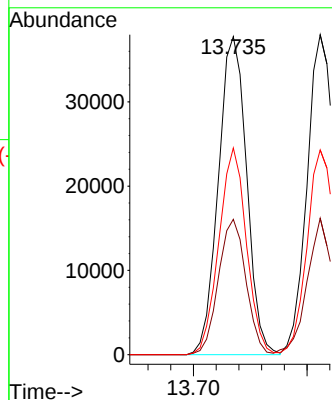
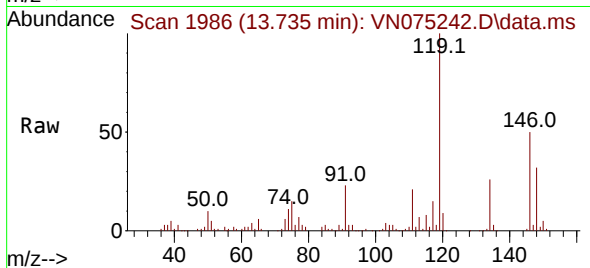
Tgt Ion:146 Resp: 6529
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.8 62.5
 148 63.2 31.1 93.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#88

1,4-Dichlorobenzene

Concen: 21.538 ug/l

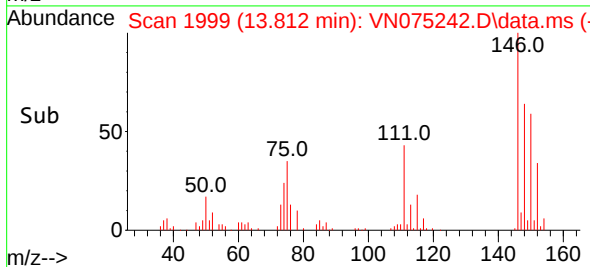
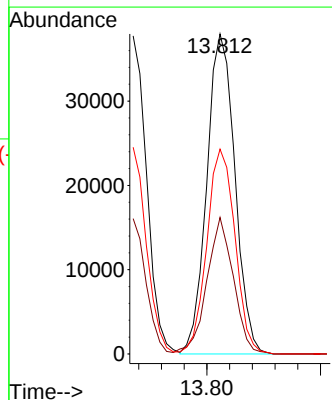
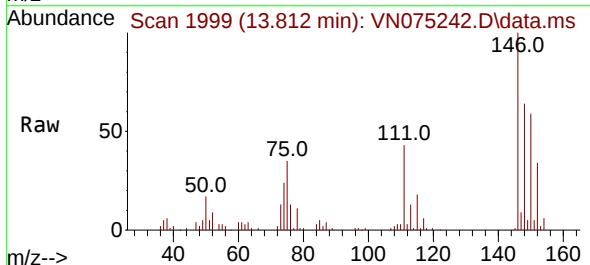
RT: 13.812 min Scan# 1999

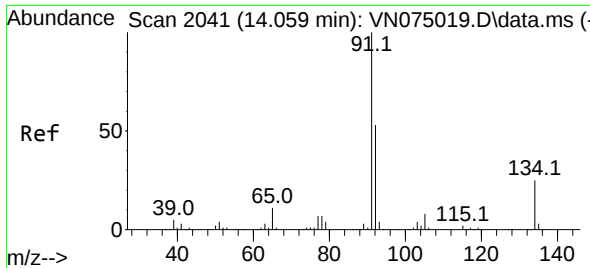
Delta R.T. -0.000 min

Lab File: VN075242.D

Acq: 11 Nov 2022 12:53

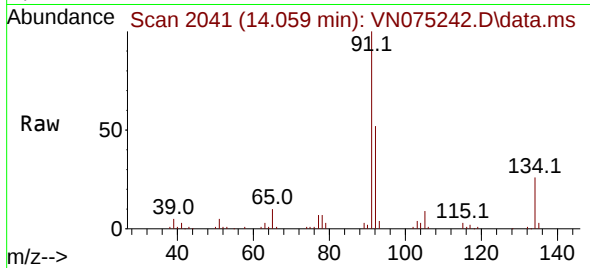
Tgt Ion:146 Resp: 65358
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.1 60.3
 148 64.2 31.9 95.7





#89
n-Butylbenzene
Concen: 20.827 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075242.D
Acq: 11 Nov 2022 12:53

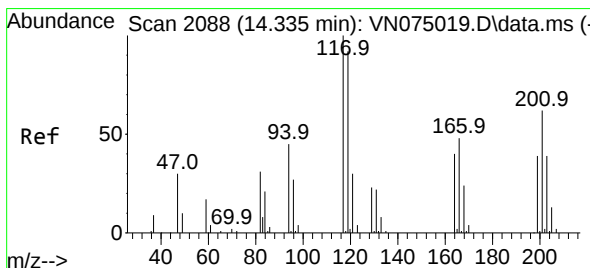
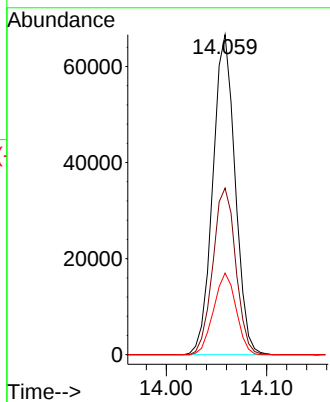
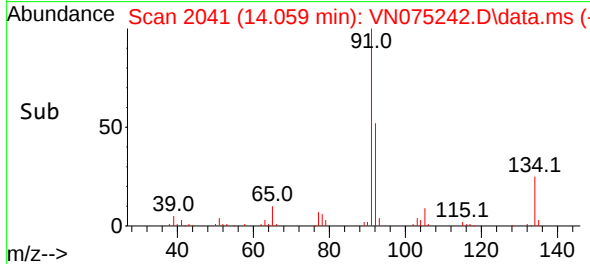
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01



Tgt Ion: 91 Resp: 102848
Ion Ratio Lower Upper
91 100
92 53.5 26.5 79.4
134 25.7 13.0 39.0

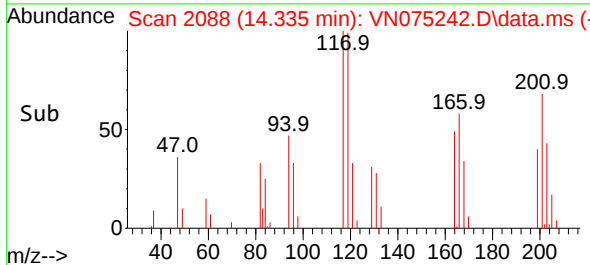
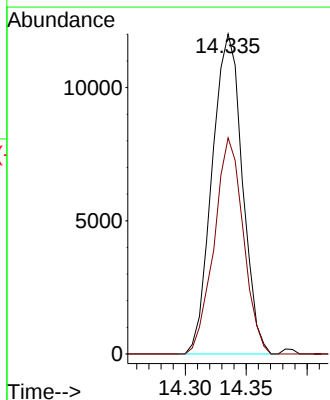
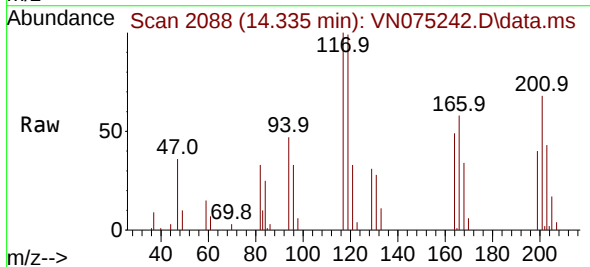
Manual Integrations
APPROVED

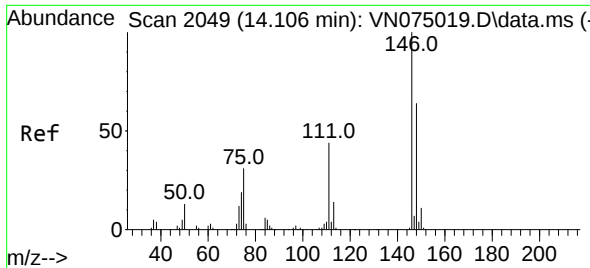
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#90
Hexachloroethane
Concen: 18.447 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075242.D
Acq: 11 Nov 2022 12:53

Tgt Ion:117 Resp: 20741
Ion Ratio Lower Upper
117 100
201 65.2 31.5 94.5





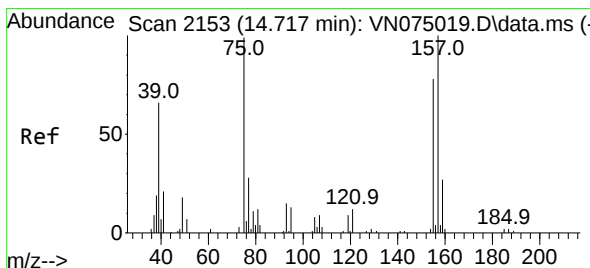
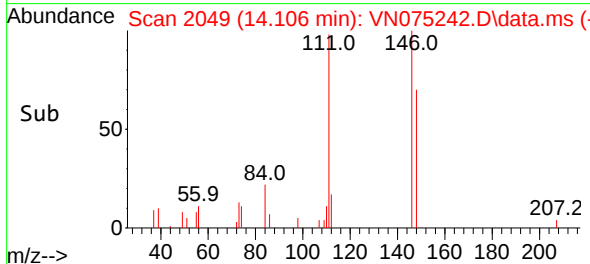
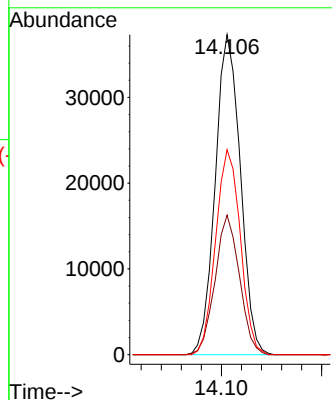
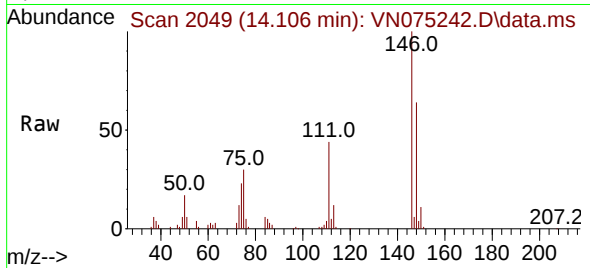
#91
1,2-Dichlorobenzene
Concen: 21.261 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075242.D
Acq: 11 Nov 2022 12:53

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01

Tgt Ion:146 Resp: 64808
Ion Ratio Lower Upper
146 100
111 42.4 21.3 63.9
148 63.0 31.4 94.2

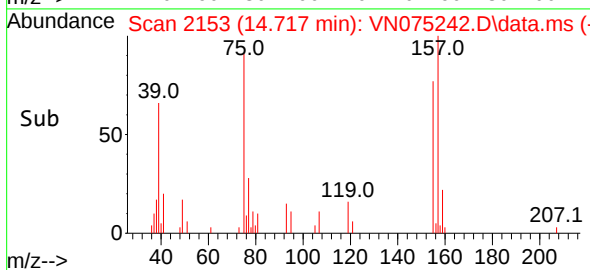
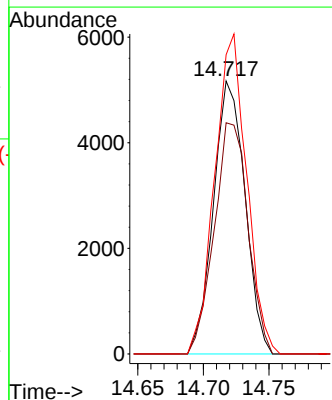
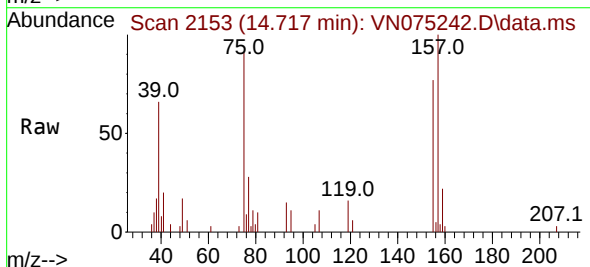
Manual Integrations
APPROVED

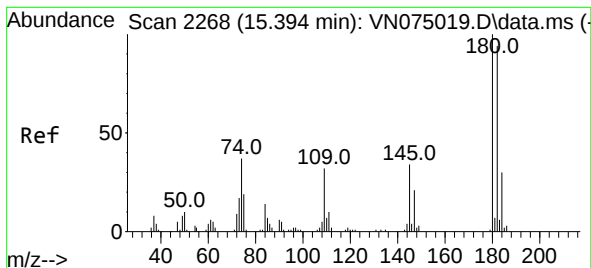
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.035 ug/l
RT: 14.717 min Scan# 2153
Delta R.T. 0.000 min
Lab File: VN075242.D
Acq: 11 Nov 2022 12:53

Tgt Ion: 75 Resp: 8652
Ion Ratio Lower Upper
75 100
155 90.5 42.1 126.3
157 118.3 51.7 155.1





#93

1,2,4-Trichlorobenzene

Concen: 22.907 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN075242.D

Acq: 11 Nov 2022 12:53

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBS01

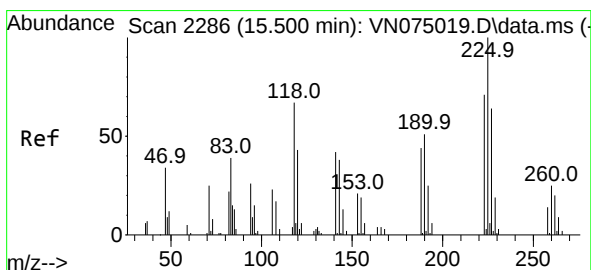
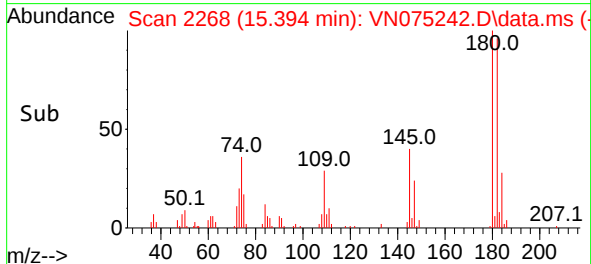
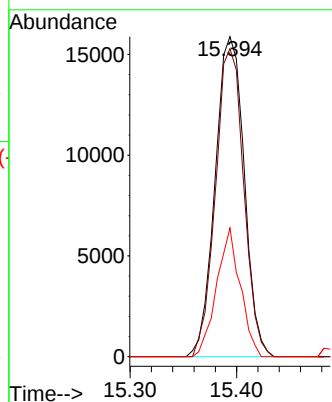
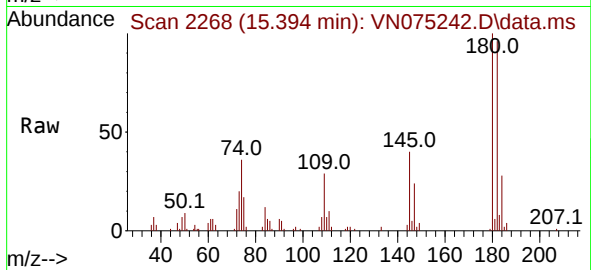
Tgt Ion:	180	Resp:	3004
Ion Ratio	Lower	Upper	
180	100		
182	93.5	47.8	143.4
145	32.8	16.8	50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#94

Hexachlorobutadiene

Concen: 21.831 ug/l

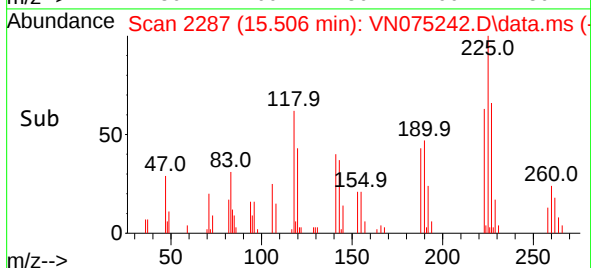
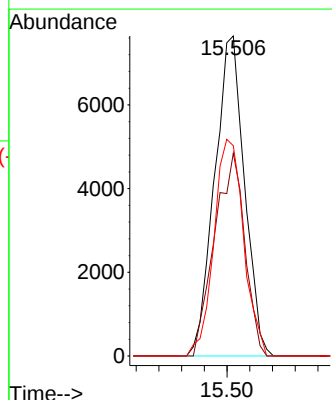
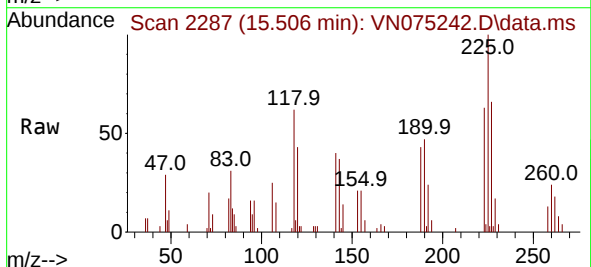
RT: 15.506 min Scan# 2287

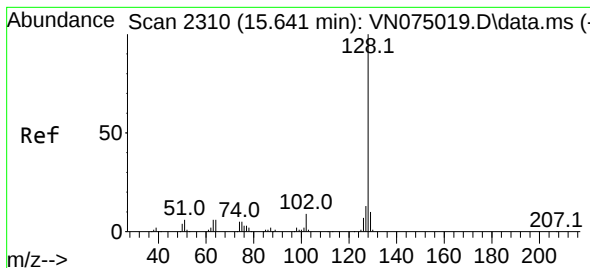
Delta R.T. 0.006 min

Lab File: VN075242.D

Acq: 11 Nov 2022 12:53

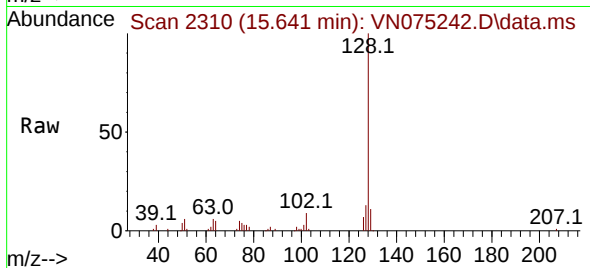
Tgt Ion:	225	Resp:	13960
Ion Ratio	Lower	Upper	
225	100		
223	63.9	32.3	96.9
227	67.2	32.0	96.2





#95
Naphthalene
Concen: 20.914 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075242.D
Acq: 11 Nov 2022 12:53

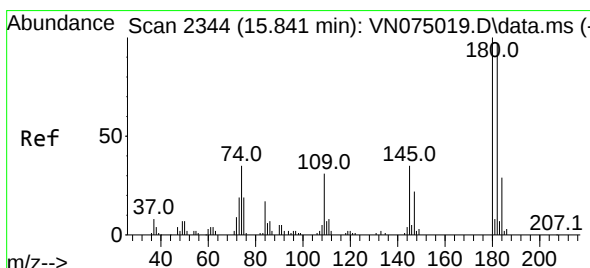
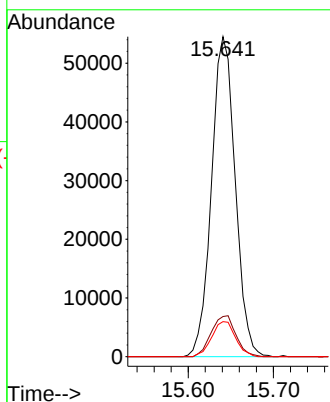
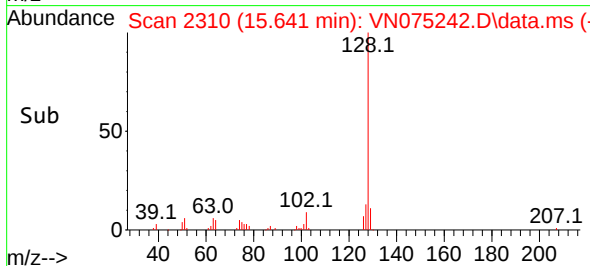
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01



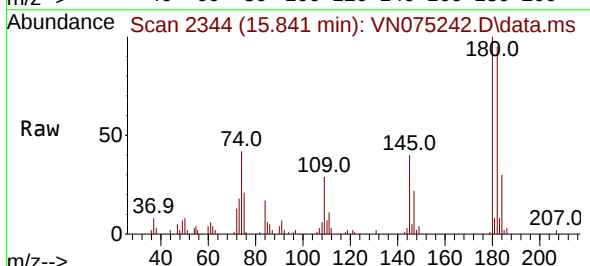
Tgt Ion:128 Resp: 105490
Ion Ratio Lower Upper
128 100
127 13.4 10.4 15.6
129 11.0 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#96
1,2,3-Trichlorobenzene
Concen: 22.368 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075242.D
Acq: 11 Nov 2022 12:53



Tgt Ion:180 Resp: 29153
Ion Ratio Lower Upper
180 100
182 96.2 47.3 141.8
145 35.6 17.6 52.9

