

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110422\
 Data File : VN075167.D
 Acq On : 04 Nov 2022 11:53
 Operator : JC\MD
 Sample : VN1104WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1104WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/07/2022
 Supervised By : Mahesh Dadoda 11/07/2022

Quant Time: Nov 05 06:56:05 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	96458	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	180134	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	164563	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	75250	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	69306	53.326	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.660%			
35) Dibromofluoromethane	8.171	113	55294	52.289	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.580%			
50) Toluene-d8	10.571	98	211601	51.576	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.160%			
62) 4-Bromofluorobenzene	12.847	95	72478	50.290	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.580%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	22594	18.006	ug/l	92
3) Chloromethane	2.371	50	23458	17.600	ug/l	99
4) Vinyl Chloride	2.524	62	33869	17.813	ug/l	97
5) Bromomethane	2.918	94	31679	20.397	ug/l	97
6) Chloroethane	3.101	64	24587	18.033	ug/l	92
7) Trichlorofluoromethane	3.489	101	38579	19.862	ug/l	100
8) Diethyl Ether	3.965	74	13998	19.758	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	21970	20.481	ug/l	97
10) Methyl Iodide	4.601	142	30978	19.398	ug/l	98
11) Tert butyl alcohol	5.536	59	27644	91.209	ug/l	99
12) 1,1-Dichloroethene	4.348	96	19475	19.047	ug/l	89
13) Acrolein	4.189	56	19725	79.566	ug/l	99
14) Allyl chloride	5.030	41	29580	19.808	ug/l	99
15) Acrylonitrile	5.736	53	64174	100.234	ug/l	98
16) Acetone	4.442	43	59210	107.594	ug/l	95
17) Carbon Disulfide	4.712	76	44669	17.372	ug/l	99
18) Methyl Acetate	5.036	43	38798	21.584	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	75887	19.969	ug/l	92
20) Methylene Chloride	5.289	84	25564	20.835	ug/l	95
21) trans-1,2-Dichloroethene	5.789	96	21544	19.244	ug/l	92
22) Diisopropyl ether	6.683	45	63075	19.139	ug/l	95
23) Vinyl Acetate	6.612	43	259565m	94.320	ug/l	
24) 1,1-Dichloroethane	6.577	63	41318	19.824	ug/l	97
25) 2-Butanone	7.489	43	85876	99.212	ug/l	99
26) 2,2-Dichloropropane	7.494	77	36858	19.223	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	26342	19.703	ug/l	99
28) Bromochloromethane	7.818	49	17843	20.308	ug/l #	99
29) Tetrahydrofuran	7.847	42	54048	96.630	ug/l	98
30) Chloroform	7.971	83	44623	19.719	ug/l	97
31) Cyclohexane	8.259	56	36068	18.659	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	41030	19.966	ug/l	96
36) 1,1-Dichloropropene	8.377	75	30900	18.874	ug/l	97
37) Ethyl Acetate	7.565	43	33711	18.776	ug/l	99
38) Carbon Tetrachloride	8.365	117	35512	19.719	ug/l	99
39) Methylcyclohexane	9.606	83	39364	18.213	ug/l	98
40) Benzene	8.606	78	97930	19.536	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110422\
 Data File : VN075167.D
 Acq On : 04 Nov 2022 11:53
 Operator : JC\MD
 Sample : VN1104WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1104WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/07/2022
 Supervised By : Mahesh Dadoda 11/07/2022

Quant Time: Nov 05 06:56:05 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	7.789	41	16862	19.603	ug/l	97
42) 1,2-Dichloroethane	8.677	62	36601	20.069	ug/l	98
43) Isopropyl Acetate	8.694	43	51913	18.640	ug/l	99
44) Trichloroethene	9.359	130	24466	19.454	ug/l	95
45) 1,2-Dichloropropane	9.624	63	24330	20.395	ug/l	92
46) Dibromomethane	9.712	93	18356	19.750	ug/l	99
47) Bromodichloromethane	9.888	83	35093	19.498	ug/l	97
48) Methyl methacrylate	9.683	41	23469	18.371	ug/l	99
49) 1,4-Dioxane	9.700	88	13011	388.934	ug/l	100
51) 4-Methyl-2-Pentanone	10.447	43	170259	94.738	ug/l	100
52) Toluene	10.630	92	64698	19.308	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	34894	18.368	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	38225	18.971	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	26131	19.667	ug/l	97
56) Ethyl methacrylate	10.877	69	37628	18.566	ug/l	98
57) 1,3-Dichloropropane	11.165	76	44646	20.178	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	72550	92.596	ug/l	99
59) 2-Hexanone	11.200	43	128745	94.389	ug/l	98
60) Dibromochloromethane	11.359	129	27000	19.261	ug/l	98
61) 1,2-Dibromoethane	11.471	107	26405	19.392	ug/l	98
64) Tetrachloroethene	11.106	164	22221	22.025	ug/l	92
65) Chlorobenzene	11.894	112	67457	19.204	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	25077	19.245	ug/l	96
67) Ethyl Benzene	11.965	91	122278	19.349	ug/l	97
68) m/p-Xylenes	12.071	106	97602	38.490	ug/l	100
69) o-Xylene	12.400	106	48141	19.197	ug/l	97
70) Styrene	12.412	104	75783	18.952	ug/l	99
71) Bromoform	12.576	173	17841	18.287	ug/l #	98
73) Isopropylbenzene	12.694	105	120817	19.999	ug/l	99
74) N-amyl acetate	12.494	43	42233	18.902	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	40824	21.228	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	34875m	21.827	ug/l	
77) Bromobenzene	12.982	156	26425	19.866	ug/l	97
78) n-propylbenzene	13.035	91	138156	20.369	ug/l	97
79) 2-Chlorotoluene	13.123	91	85425	20.611	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	102755	20.251	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	10758	17.284	ug/l	97
82) 4-Chlorotoluene	13.123	91	85425	20.611	ug/l	98
83) tert-Butylbenzene	13.441	119	89831	19.924	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	103678	20.195	ug/l	99
85) sec-Butylbenzene	13.618	105	128878	20.433	ug/l	96
86) p-Isopropyltoluene	13.729	119	104114	19.987	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	52592	20.193	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	51662	20.043	ug/l	99
89) n-Butylbenzene	14.059	91	83961	20.016	ug/l	99
90) Hexachloroethane	14.329	117	18178	19.033	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	53292	20.582	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	7800	19.141	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	22659	20.337	ug/l	98
94) Hexachlorobutadiene	15.500	225	11359	20.913	ug/l	97
95) Naphthalene	15.641	128	81801	19.091	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	22490	20.315	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110422\
Data File : VN075167.D
Acq On : 04 Nov 2022 11:53
Operator : JC\MD
Sample : VN1104WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1104WBS01

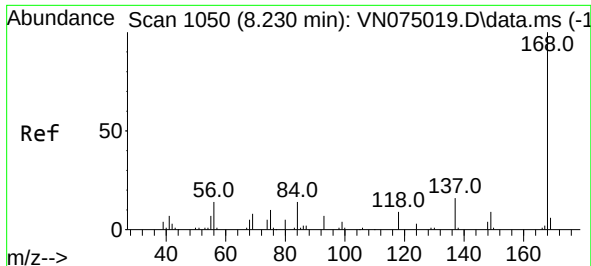
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022

Quant Time: Nov 05 06:56:05 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

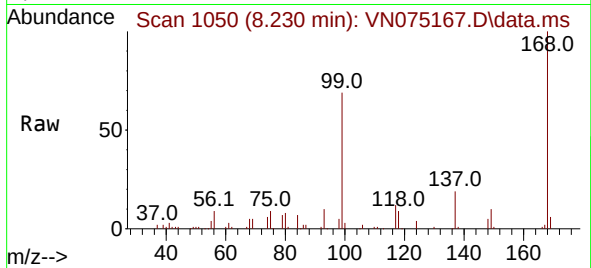
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = 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: VN075167.D
Acq: 04 Nov 2022 11:53

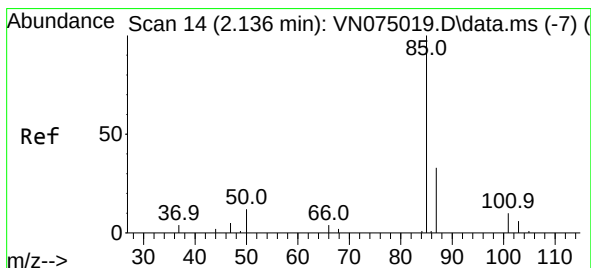
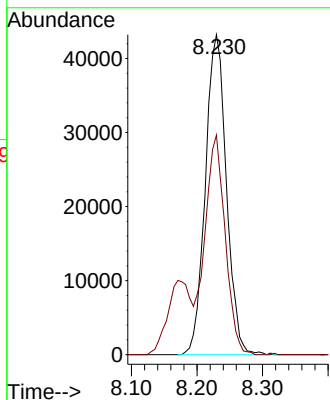
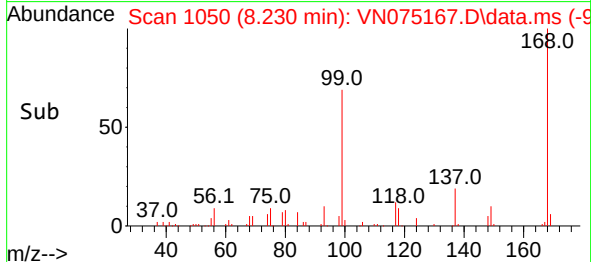
Instrument :
MSVOA_N
ClientSampleId :
VN1104WBS01



Tgt Ion:168 Resp: 96458
Ion Ratio Lower Upper
168 100
99 68.7 51.6 77.4

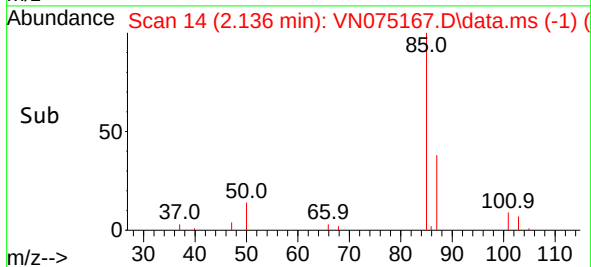
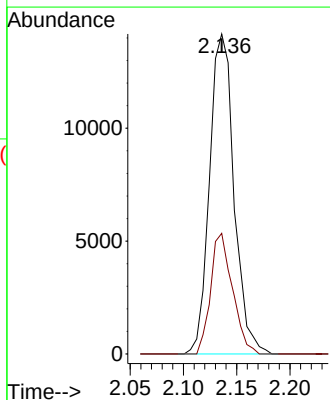
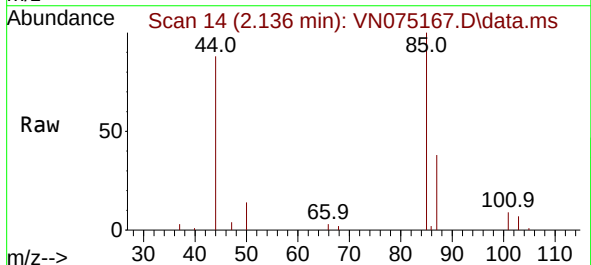
Manual Integrations
APPROVED

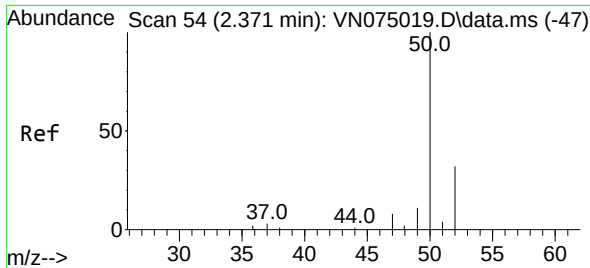
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#2
Dichlorodifluoromethane
Concen: 18.006 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075167.D
Acq: 04 Nov 2022 11:53

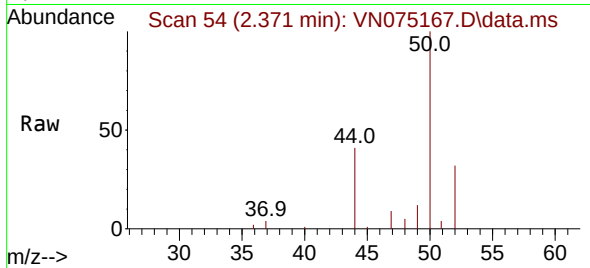
Tgt Ion: 85 Resp: 22594
Ion Ratio Lower Upper
85 100
87 37.7 16.7 50.0





#3
Chloromethane
Concen: 17.600 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075167.D
Acq: 04 Nov 2022 11:53

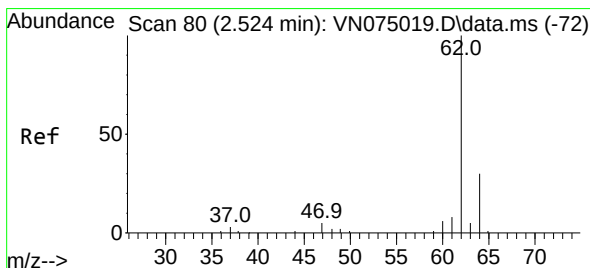
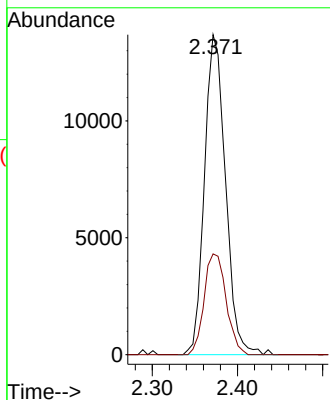
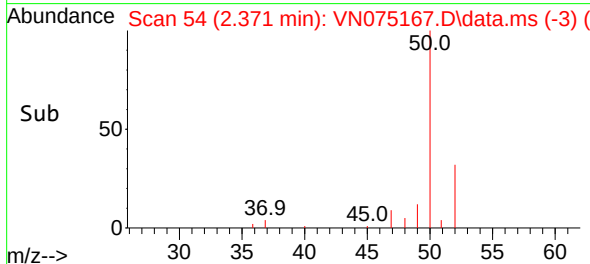
Instrument :
MSVOA_N
ClientSampleId :
VN1104WBS01



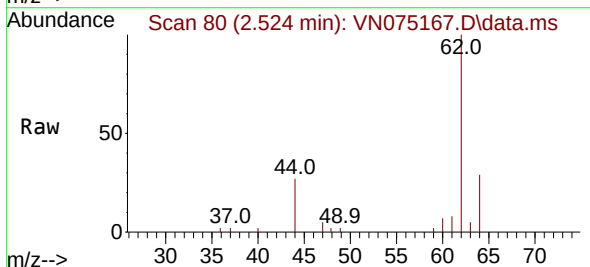
Tgt Ion: 50 Resp: 2345
Ion Ratio Lower Upper
50 100
52 31.5 25.8 38.6

Manual Integrations
APPROVED

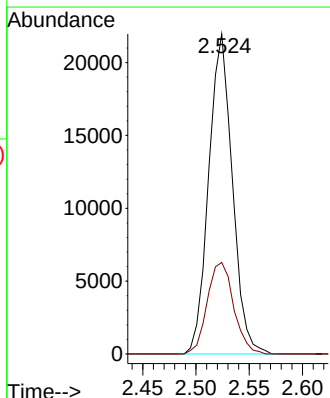
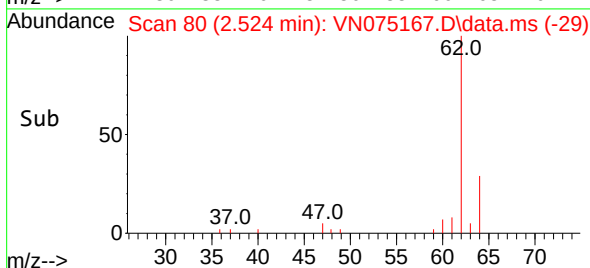
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022

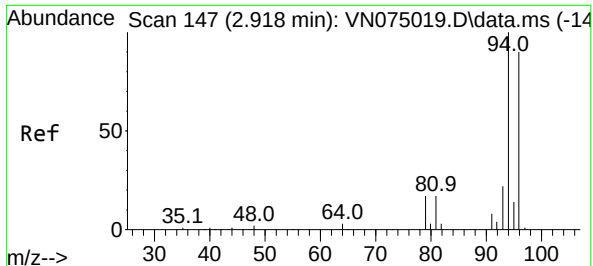


#4
Vinyl Chloride
Concen: 17.813 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075167.D
Acq: 04 Nov 2022 11:53



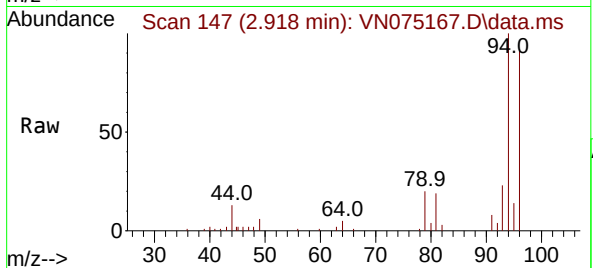
Tgt Ion: 62 Resp: 33869
Ion Ratio Lower Upper
62 100
64 28.6 24.0 36.0





#5
Bromomethane
Concen: 20.397 ug/l
RT: 2.918 min Scan# 147
Delta R.T. 0.000 min
Lab File: VN075167.D
Acq: 04 Nov 2022 11:53

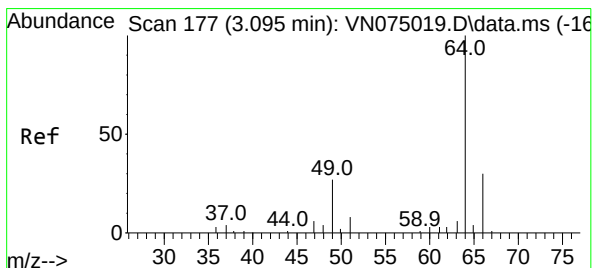
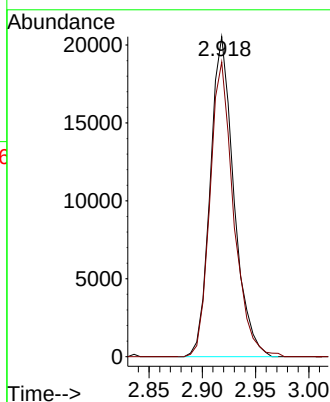
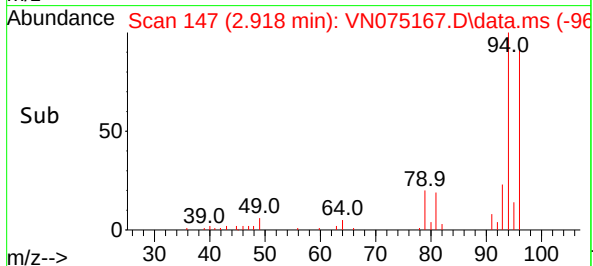
Instrument :
MSVOA_N
ClientSampleId :
VN1104WBS01



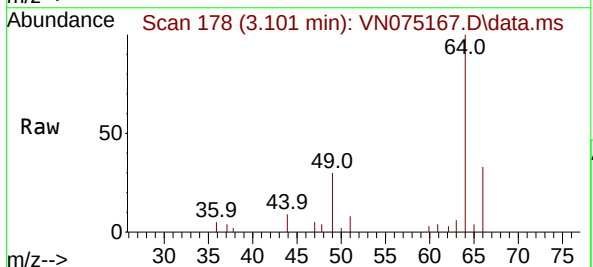
Tgt Ion: 94 Resp: 31679
Ion Ratio Lower Upper
94 100
96 92.1 71.8 107.6

Manual Integrations
APPROVED

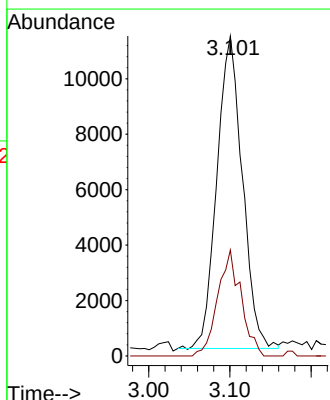
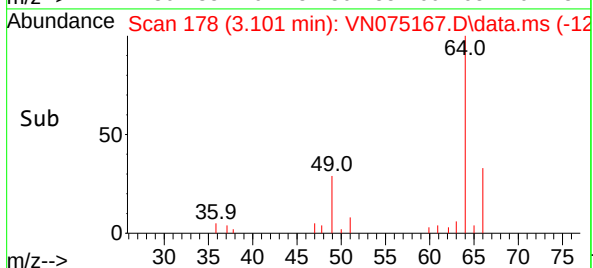
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022

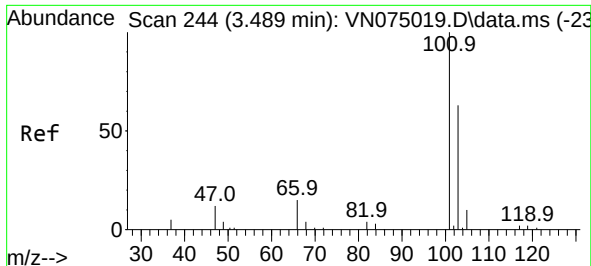


#6
Chloroethane
Concen: 18.033 ug/l
RT: 3.101 min Scan# 178
Delta R.T. 0.006 min
Lab File: VN075167.D
Acq: 04 Nov 2022 11:53



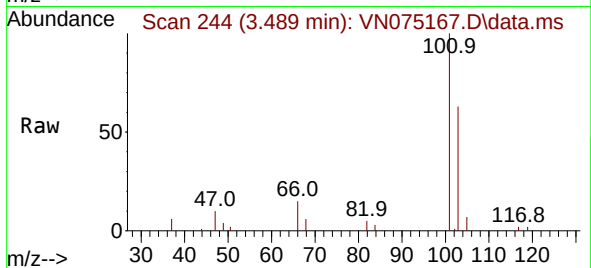
Tgt Ion: 64 Resp: 24587
Ion Ratio Lower Upper
64 100
66 33.9 23.8 35.8





#7
Trichlorofluoromethane
Concen: 19.862 ug/l
RT: 3.489 min Scan# 244
Delta R.T. -0.000 min
Lab File: VN075167.D
Acq: 04 Nov 2022 11:53

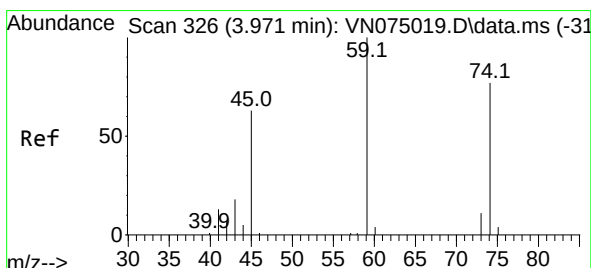
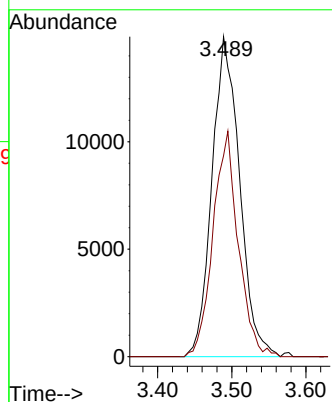
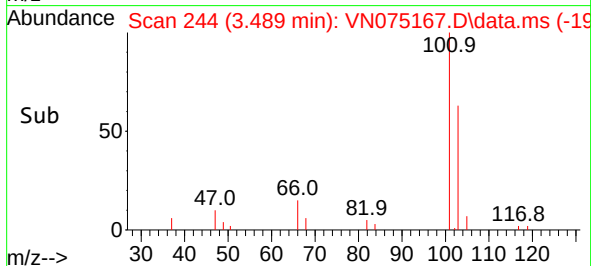
Instrument :
MSVOA_N
ClientSampleId :
VN1104WBS01



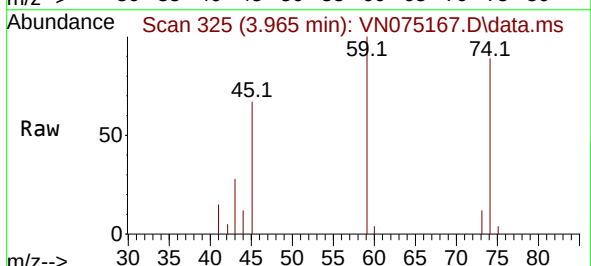
Tgt Ion:101 Resp: 38579
Ion Ratio Lower Upper
101 100
103 62.8 50.5 75.7

Manual Integrations
APPROVED

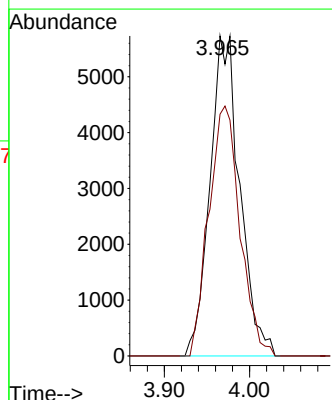
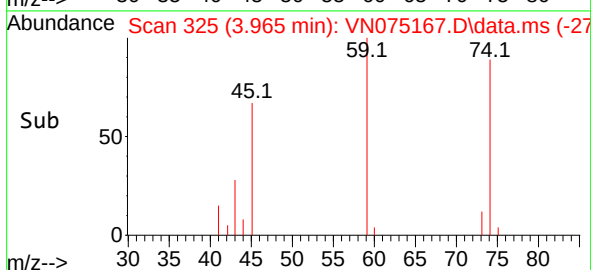
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022

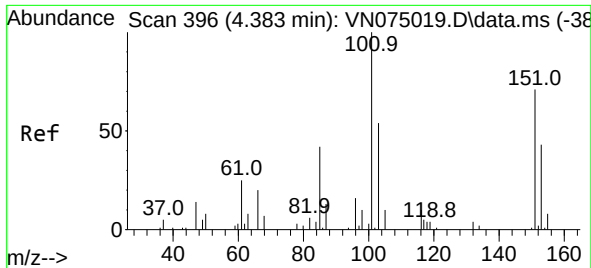


#8
Diethyl Ether
Concen: 19.758 ug/l
RT: 3.965 min Scan# 325
Delta R.T. -0.006 min
Lab File: VN075167.D
Acq: 04 Nov 2022 11:53



Tgt Ion: 74 Resp: 13998
Ion Ratio Lower Upper
74 100
45 81.4 39.3 117.9





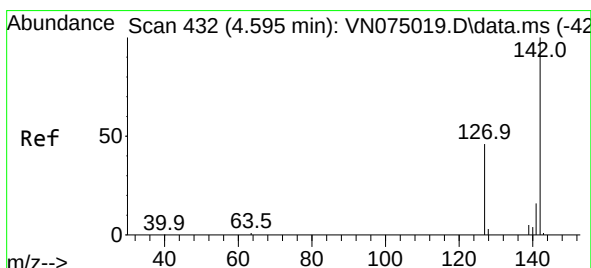
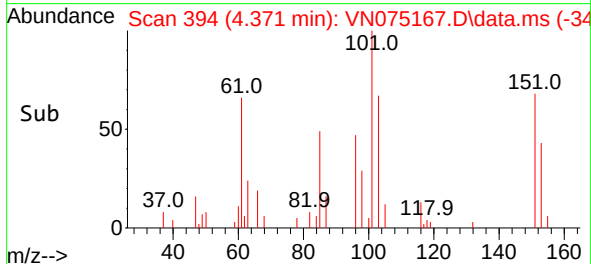
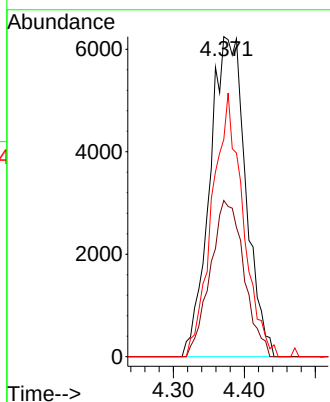
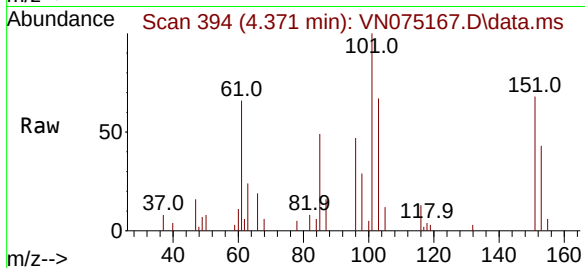
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.481 ug/l
RT: 4.371 min Scan# 394
Delta R.T. -0.012 min
Lab File: VN075167.D
Acq: 04 Nov 2022 11:53

Instrument :
MSVOA_N
ClientSampleId :
VN1104WBS01

Tgt Ion:101 Resp: 21970
Ion Ratio Lower Upper
101 100
85 45.7 37.6 56.4
151 70.4 58.3 87.5

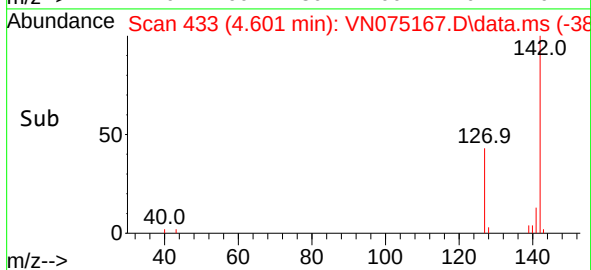
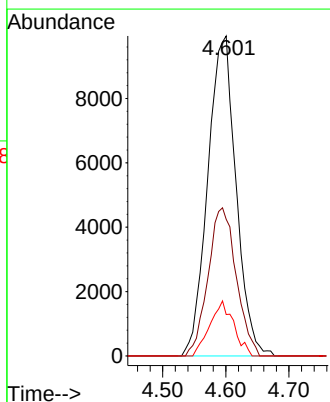
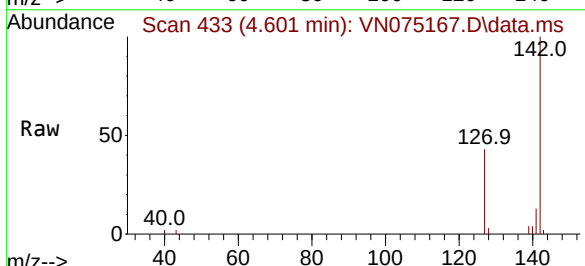
Manual Integrations
APPROVED

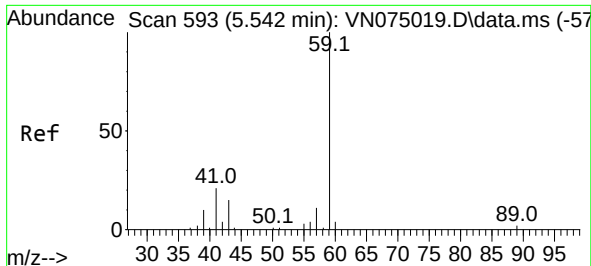
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#10
Methyl Iodide
Concen: 19.398 ug/l
RT: 4.601 min Scan# 433
Delta R.T. 0.006 min
Lab File: VN075167.D
Acq: 04 Nov 2022 11:53

Tgt Ion:142 Resp: 30978
Ion Ratio Lower Upper
142 100
127 46.0 38.0 57.0
141 14.5 12.2 18.4





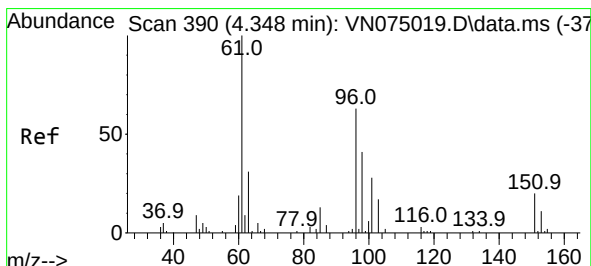
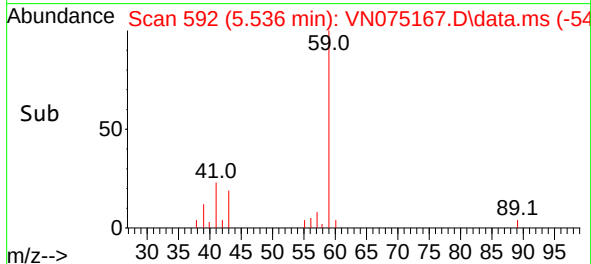
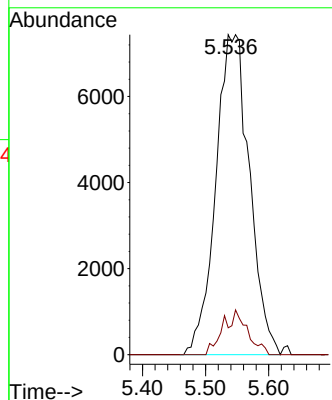
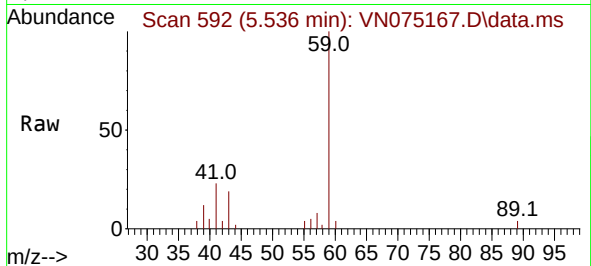
#11
Tert butyl alcohol
Concen: 91.209 ug/l
RT: 5.536 min Scan# 591
Delta R.T. -0.006 min
Lab File: VN075167.D
Acq: 04 Nov 2022 11:53

Instrument :
MSVOA_N
ClientSampleId :
VN1104WBS01

Tgt Ion: 59 Resp: 27644
Ion Ratio Lower Upper
59 100
57 10.2 8.5 12.7

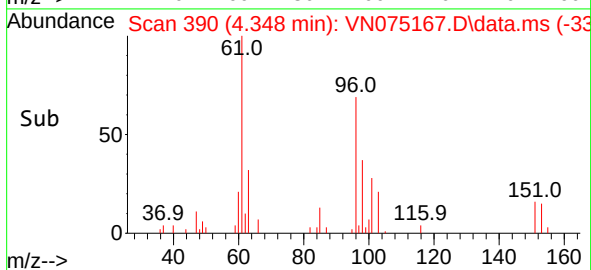
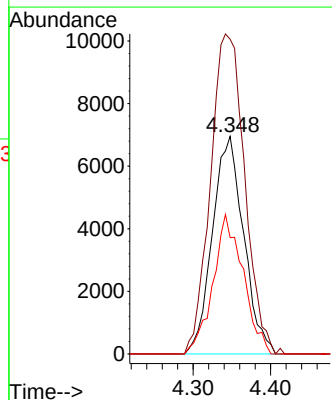
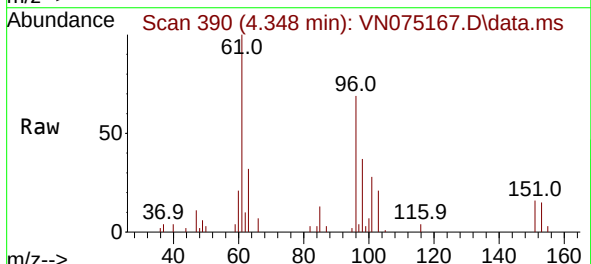
Manual Integrations
APPROVED

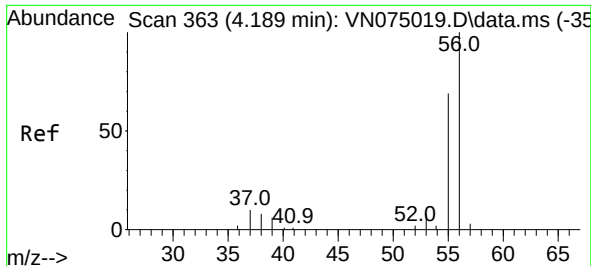
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#12
1,1-Dichloroethene
Concen: 19.047 ug/l
RT: 4.348 min Scan# 390
Delta R.T. -0.000 min
Lab File: VN075167.D
Acq: 04 Nov 2022 11:53

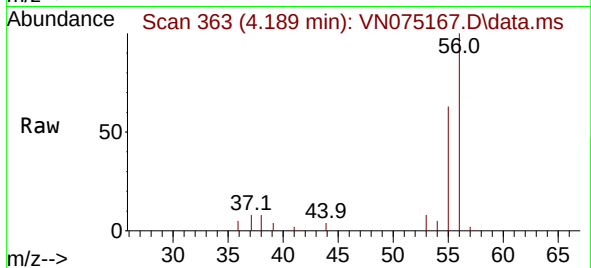
Tgt Ion: 96 Resp: 19475
Ion Ratio Lower Upper
96 100
61 144.6 126.2 189.4
98 53.5 51.5 77.3





#13
Acrolein
Concen: 79.566 ug/l
RT: 4.189 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN075167.D
Acq: 04 Nov 2022 11:53

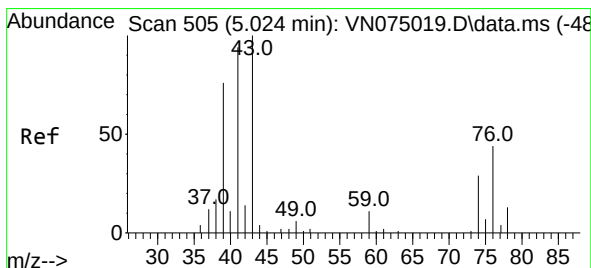
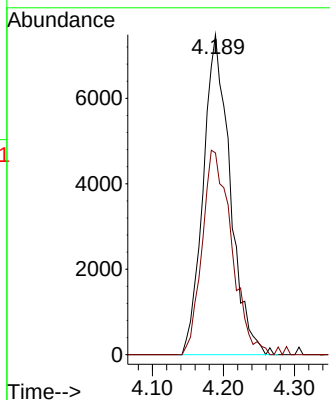
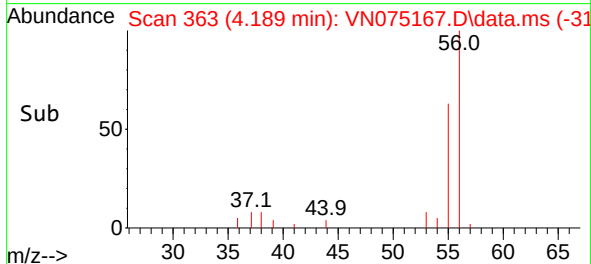
Instrument :
MSVOA_N
ClientSampleId :
VN1104WBS01



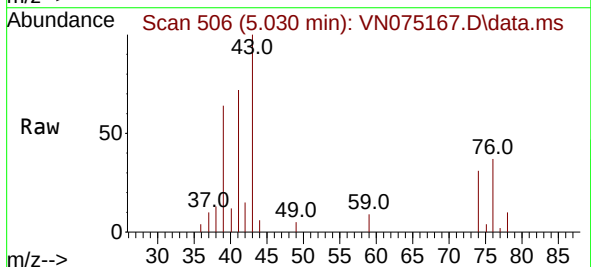
Tgt Ion: 56 Resp: 1972
Ion Ratio Lower Upper
56 100
55 69.5 55.2 82.8

Manual Integrations
APPROVED

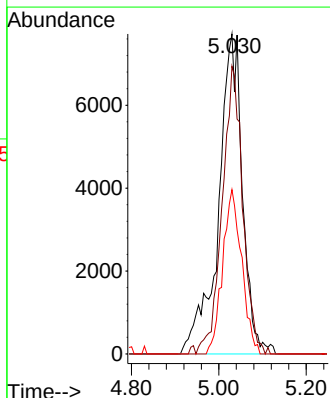
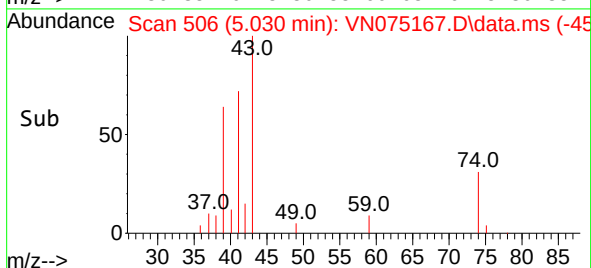
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022

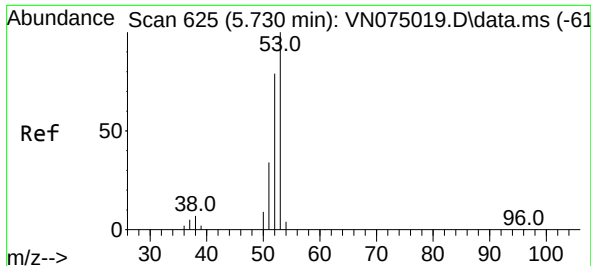


#14
Allyl chloride
Concen: 19.808 ug/l
RT: 5.030 min Scan# 506
Delta R.T. 0.006 min
Lab File: VN075167.D
Acq: 04 Nov 2022 11:53



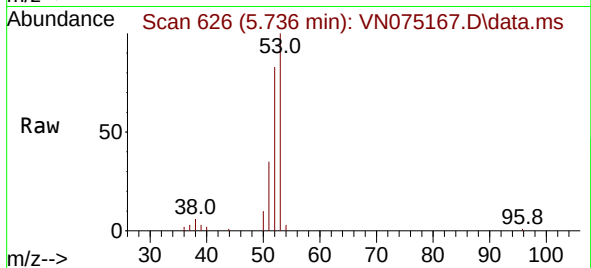
Tgt Ion: 41 Resp: 29580
Ion Ratio Lower Upper
41 100
39 76.3 61.0 91.4
76 40.4 33.4 50.0





#15
Acrylonitrile
Concen: 100.234 ug/l
RT: 5.736 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075167.D
Acq: 04 Nov 2022 11:53

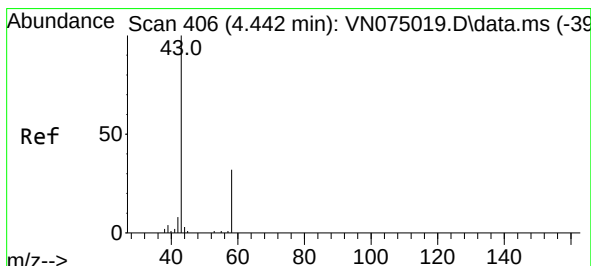
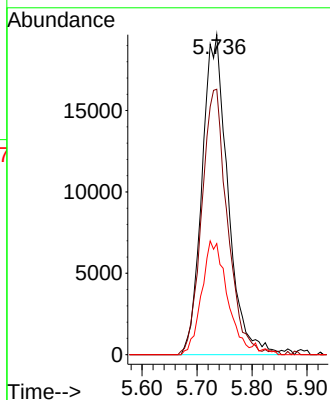
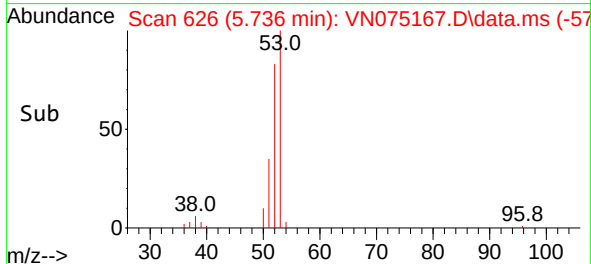
Instrument :
MSVOA_N
ClientSampleId :
VN1104WBS01



Tgt Ion: 53 Resp: 64174
Ion Ratio Lower Upper
53 100
52 81.9 66.4 99.6
51 35.1 29.6 44.4

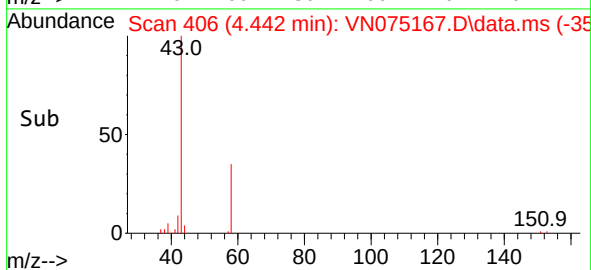
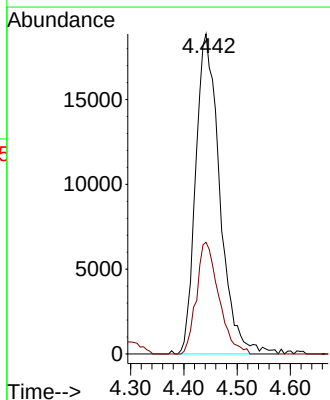
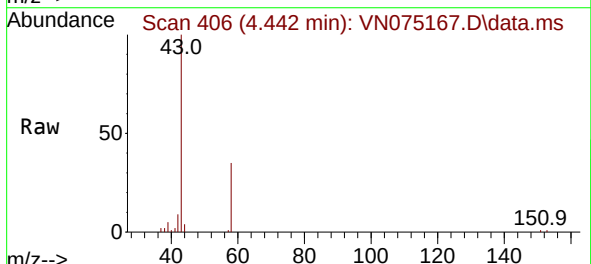
Manual Integrations
APPROVED

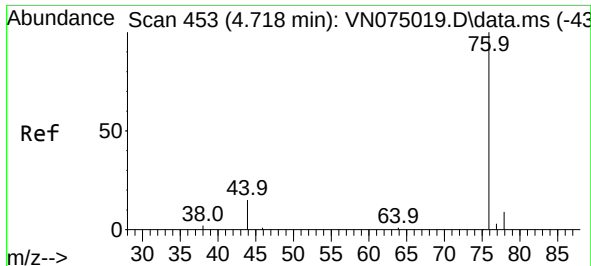
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#16
Acetone
Concen: 107.594 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN075167.D
Acq: 04 Nov 2022 11:53

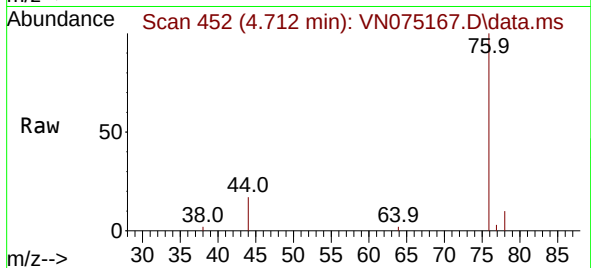
Tgt Ion: 43 Resp: 59210
Ion Ratio Lower Upper
43 100
58 34.9 25.5 38.3





#17
Carbon Disulfide
Concen: 17.372 ug/l
RT: 4.712 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN075167.D
Acq: 04 Nov 2022 11:53

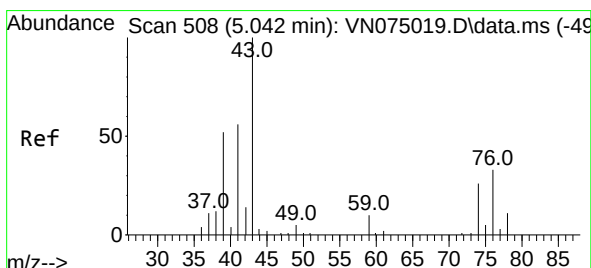
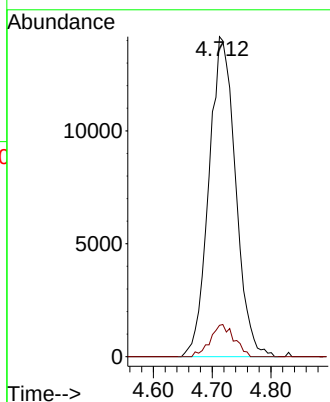
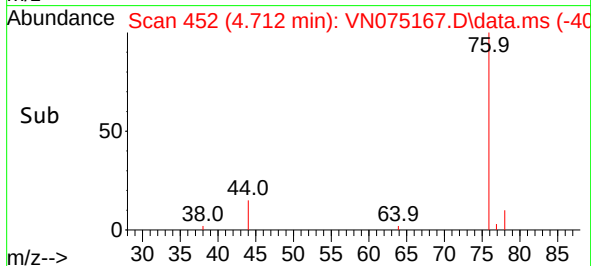
Instrument :
MSVOA_N
ClientSampleId :
VN1104WBS01



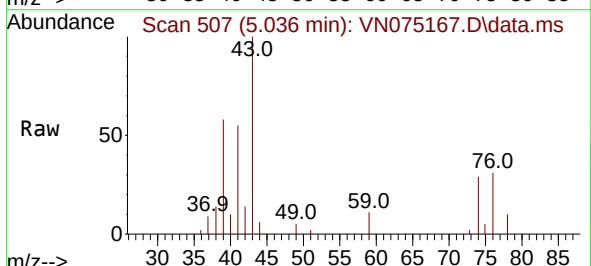
Tgt Ion: 76 Resp: 44669
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.2

Manual Integrations
APPROVED

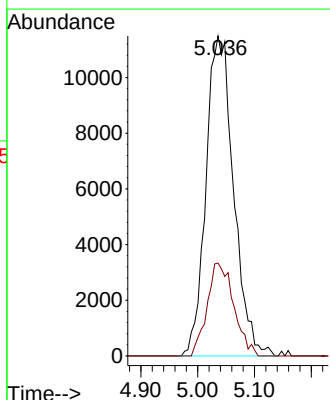
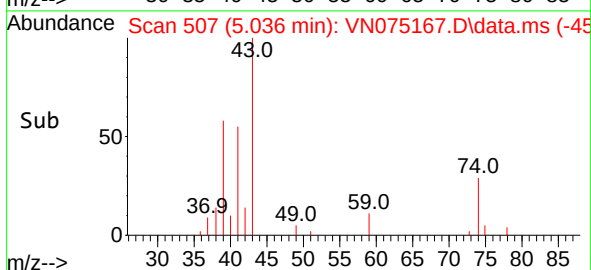
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022

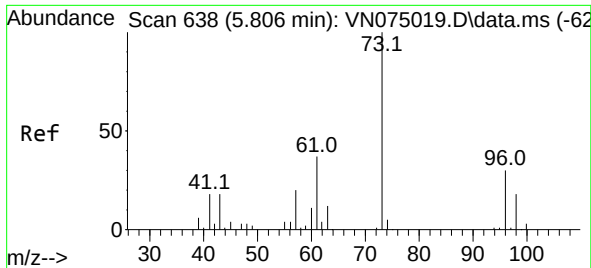


#18
Methyl Acetate
Concen: 21.584 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.006 min
Lab File: VN075167.D
Acq: 04 Nov 2022 11:53



Tgt Ion: 43 Resp: 38798
Ion Ratio Lower Upper
43 100
74 28.0 22.0 33.0





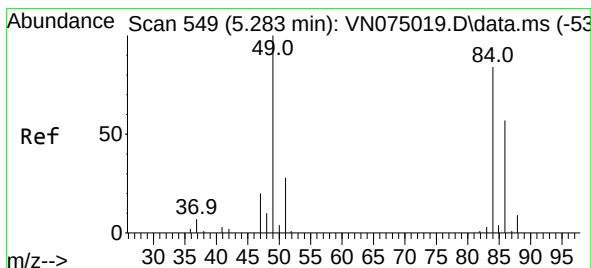
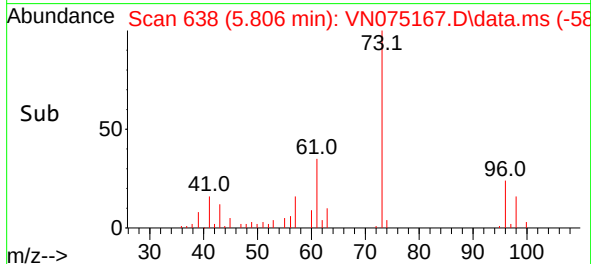
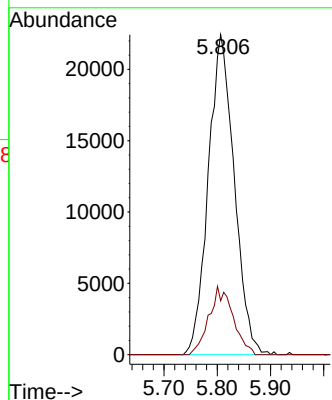
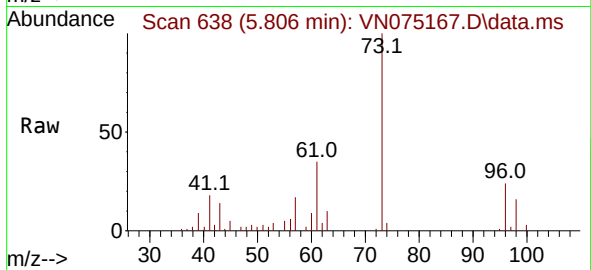
#19
Methyl tert-butyl Ether
Concen: 19.969 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075167.D
Acq: 04 Nov 2022 11:53

Instrument :
MSVOA_N
ClientSampleId :
VN1104WBS01

Tgt Ion: 73 Resp: 7588
Ion Ratio Lower Upper
73 100
57 16.9 16.3 24.5

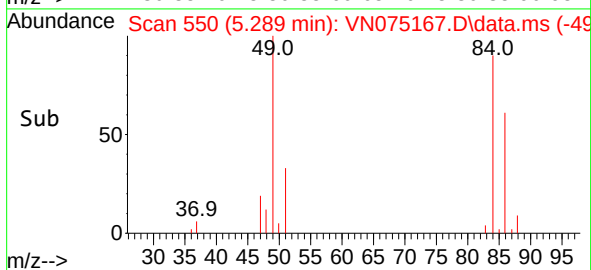
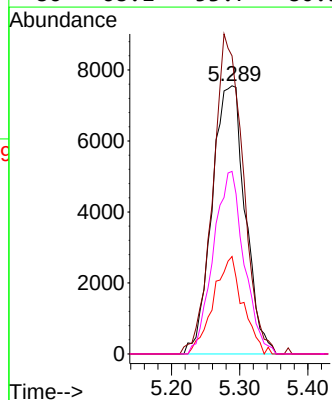
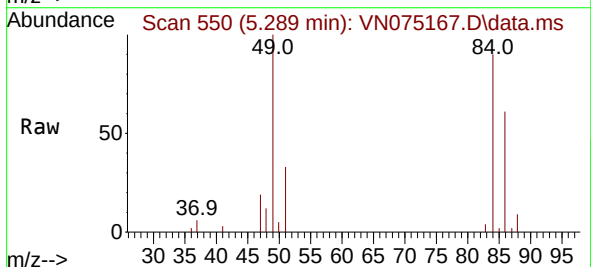
Manual Integrations
APPROVED

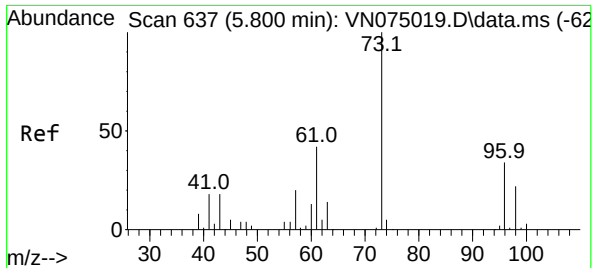
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#20
Methylene Chloride
Concen: 20.835 ug/l
RT: 5.289 min Scan# 550
Delta R.T. 0.006 min
Lab File: VN075167.D
Acq: 04 Nov 2022 11:53

Tgt Ion: 84 Resp: 25564
Ion Ratio Lower Upper
84 100
49 111.1 94.9 142.3
51 36.3 26.8 40.2
86 68.1 53.7 80.5





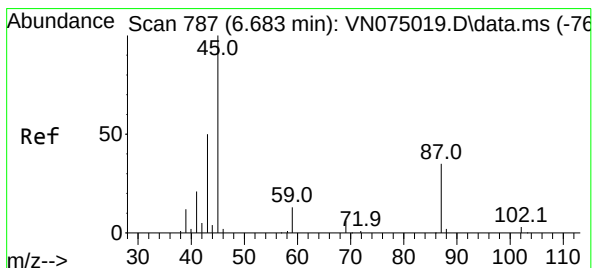
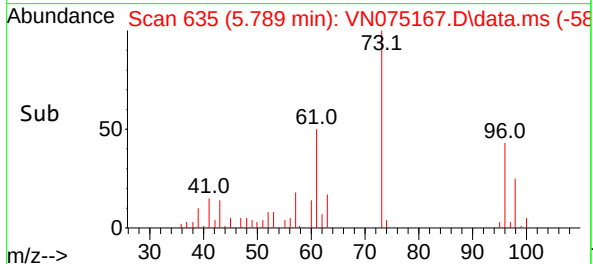
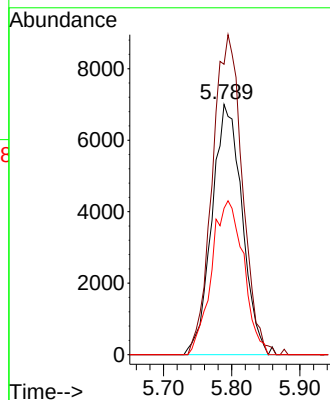
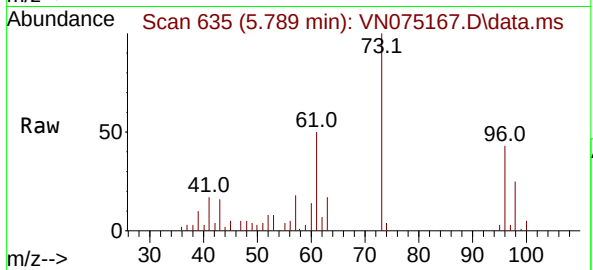
#21
trans-1,2-Dichloroethene
Concen: 19.244 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.011 min
Lab File: VN075167.D
Acq: 04 Nov 2022 11:53

Instrument :
MSVOA_N
ClientSampleId :
VN1104WBS01

Tgt Ion: 96 Resp: 21544
Ion Ratio Lower Upper
96 100
61 116.0 99.9 149.9
98 58.5 51.5 77.3

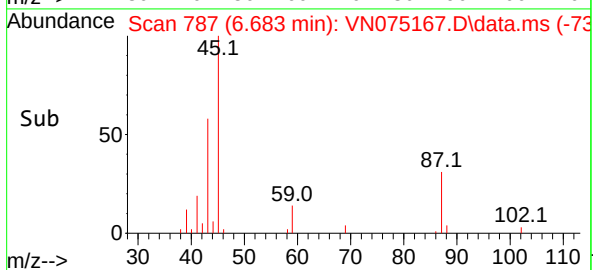
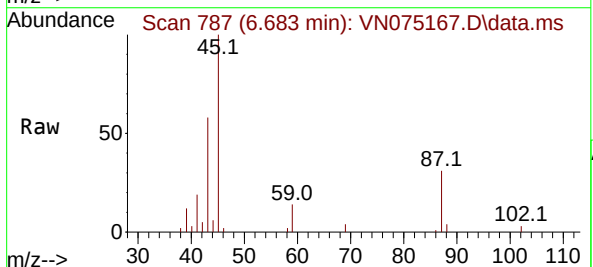
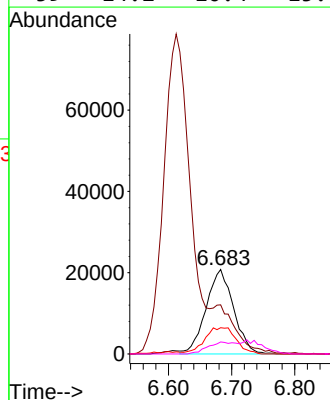
Manual Integrations
APPROVED

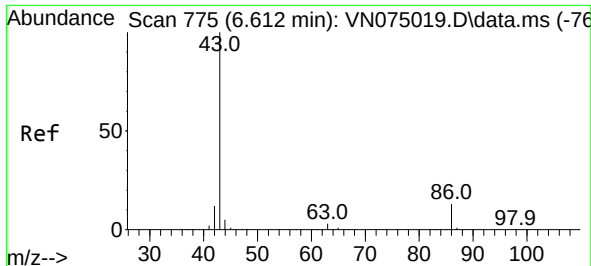
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#22
Diisopropyl ether
Concen: 19.139 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN075167.D
Acq: 04 Nov 2022 11:53

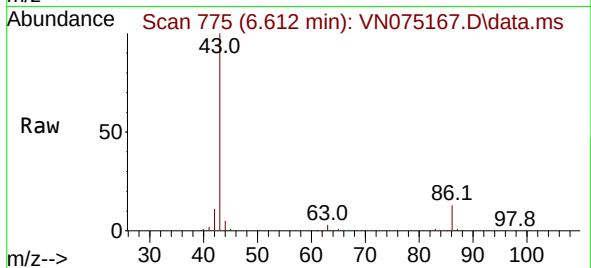
Tgt Ion: 45 Resp: 63075
Ion Ratio Lower Upper
45 100
43 56.8 42.8 64.2
87 31.2 28.4 42.6
59 14.2 10.4 15.6





#23
 Vinyl Acetate
 Concen: 94.320 ug/l m
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075167.D
 Acq: 04 Nov 2022 11:53

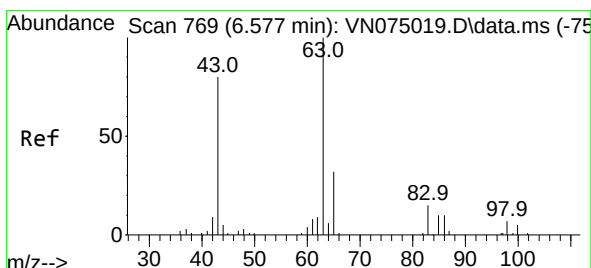
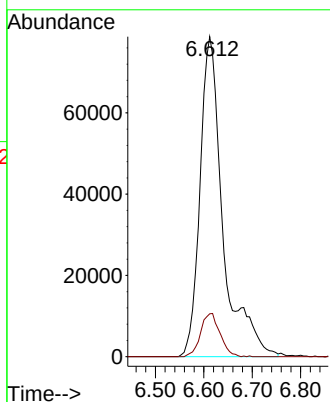
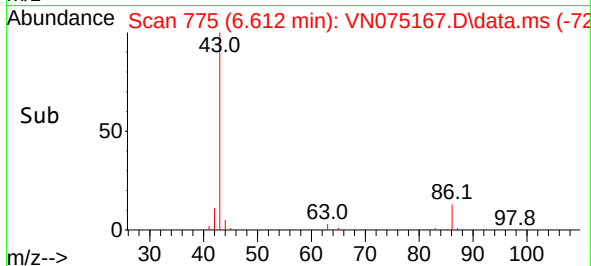
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1104WBS01



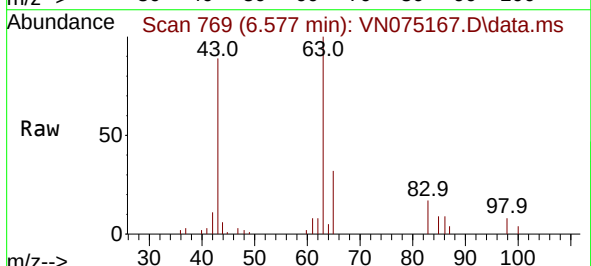
Tgt Ion: 43 Resp: 25956
 Ion Ratio Lower Upper
 43 100
 86 13.4 10.7 16.1

Manual Integrations
 APPROVED

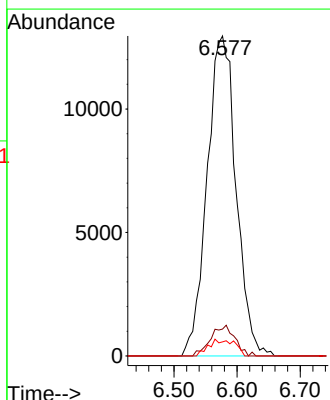
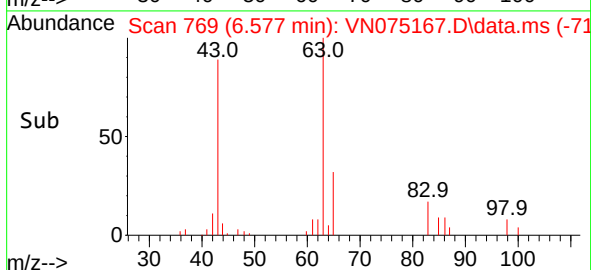
Reviewed By :John Carlone 11/07/2022
 Supervised By :Mahesh Dadoda 11/07/2022

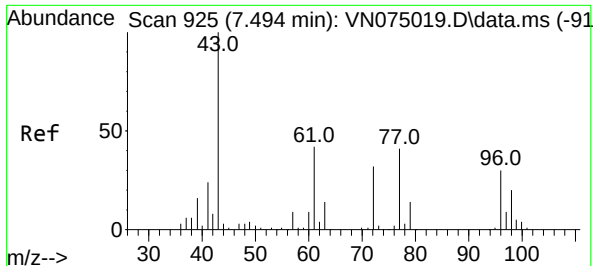


#24
 1,1-Dichloroethane
 Concen: 19.824 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075167.D
 Acq: 04 Nov 2022 11:53



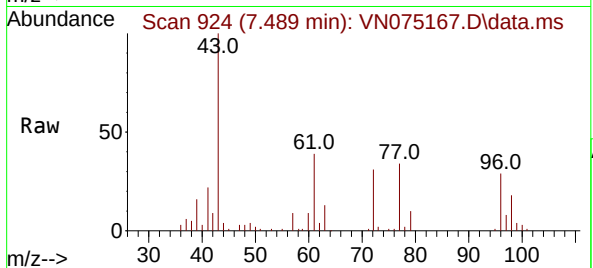
Tgt Ion: 63 Resp: 41318
 Ion Ratio Lower Upper
 63 100
 98 8.4 3.6 10.8
 100 4.4 2.4 7.2





#25
2-Butanone
Concen: 99.212 ug/l
RT: 7.489 min Scan# 91
Delta R.T. -0.005 min
Lab File: VN075167.D
Acq: 04 Nov 2022 11:53

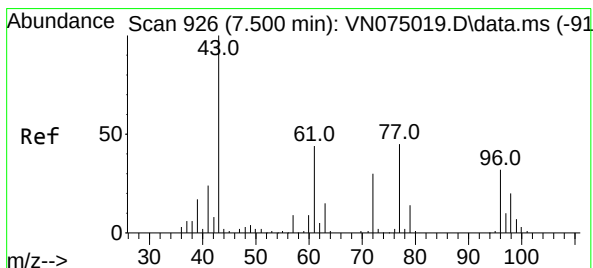
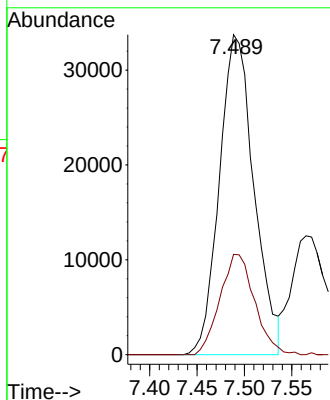
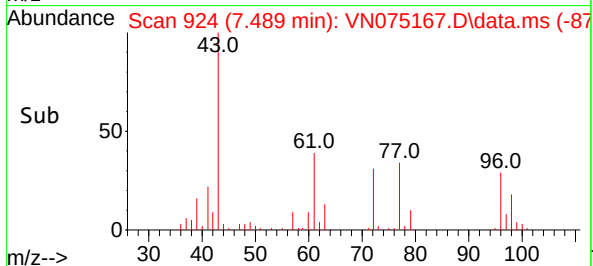
Instrument :
MSVOA_N
ClientSampleId :
VN1104WBS01



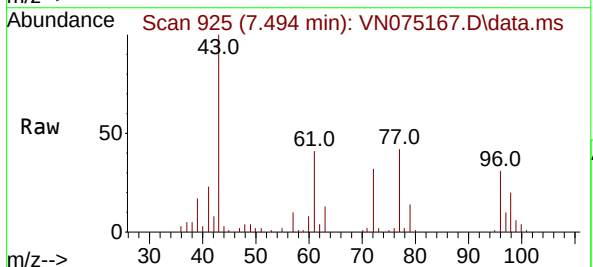
Tgt Ion: 43 Resp: 85870
Ion Ratio Lower Upper
43 100
72 31.3 25.5 38.3

Manual Integrations
APPROVED

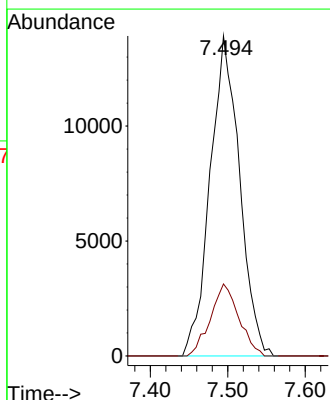
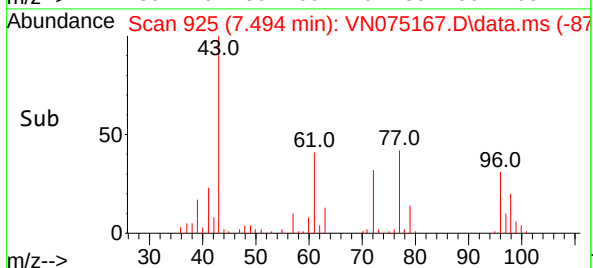
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022

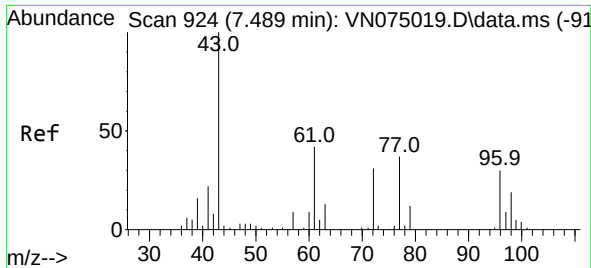


#26
2,2-Dichloropropane
Concen: 19.223 ug/l
RT: 7.494 min Scan# 925
Delta R.T. -0.006 min
Lab File: VN075167.D
Acq: 04 Nov 2022 11:53



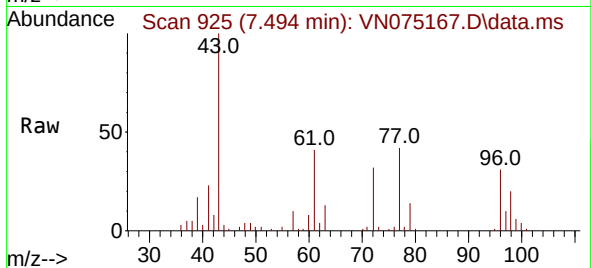
Tgt Ion: 77 Resp: 36858
Ion Ratio Lower Upper
77 100
97 21.7 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 19.703 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.005 min
 Lab File: VN075167.D
 Acq: 04 Nov 2022 11:53

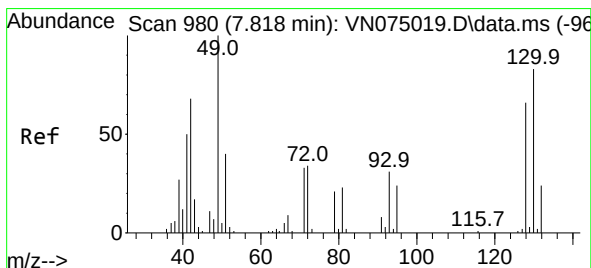
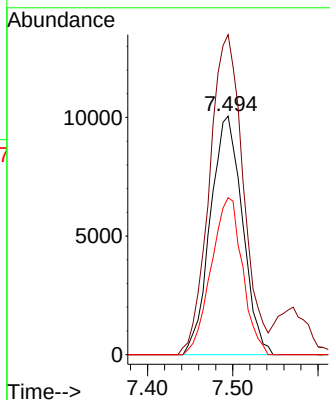
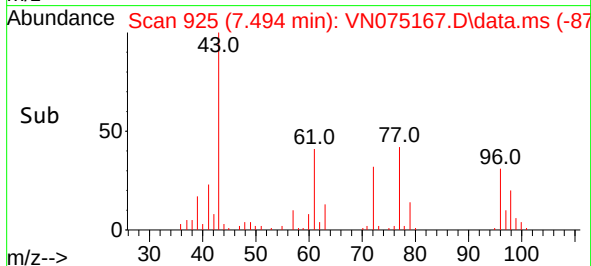
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1104WBS01



Tgt Ion: 96 Resp: 2634
 Ion Ratio Lower Upper
 96 100
 61 141.0 0.0 278.8
 98 64.0 0.0 128.4

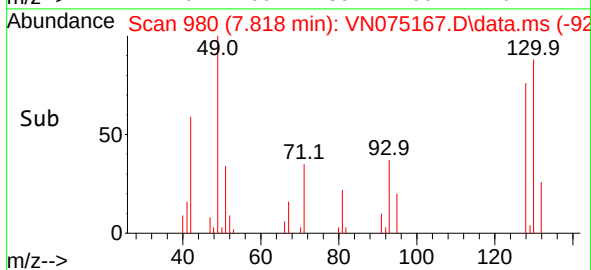
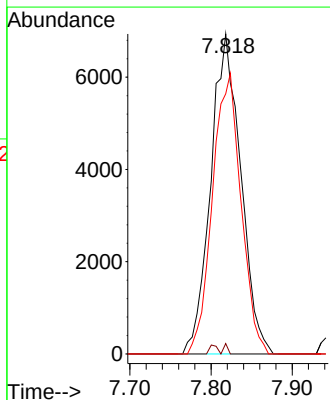
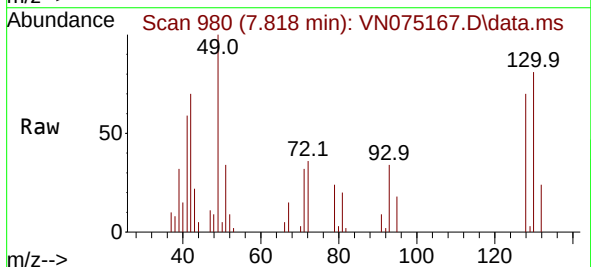
Manual Integrations
 APPROVED

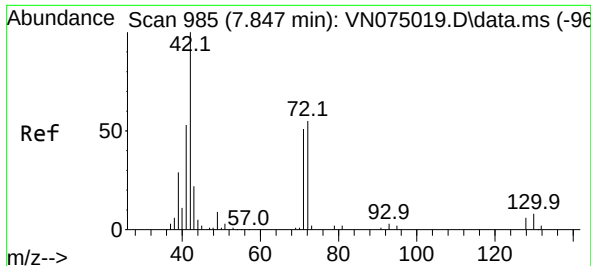
Reviewed By :John Carlone 11/07/2022
 Supervised By :Mahesh Dadoda 11/07/2022



#28
 Bromochloromethane
 Concen: 20.308 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.000 min
 Lab File: VN075167.D
 Acq: 04 Nov 2022 11:53

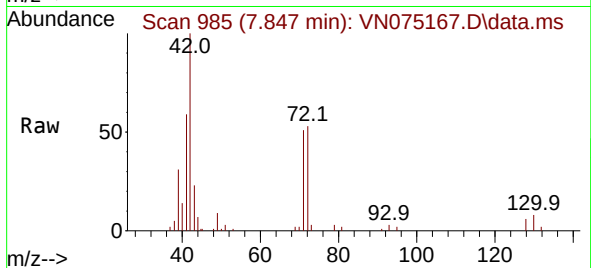
Tgt Ion: 49 Resp: 17843
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.6
 130 83.1 66.2 99.4





#29
Tetrahydrofuran
Concen: 96.630 ug/l
RT: 7.847 min Scan# 985
Delta R.T. 0.000 min
Lab File: VN075167.D
Acq: 04 Nov 2022 11:53

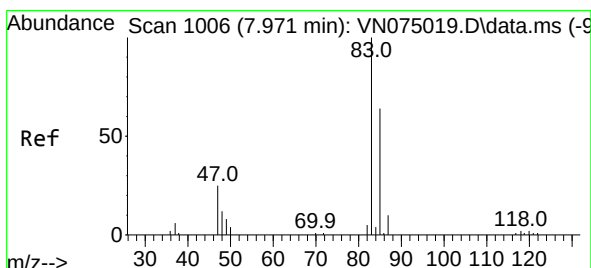
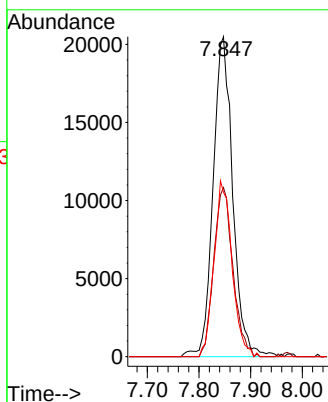
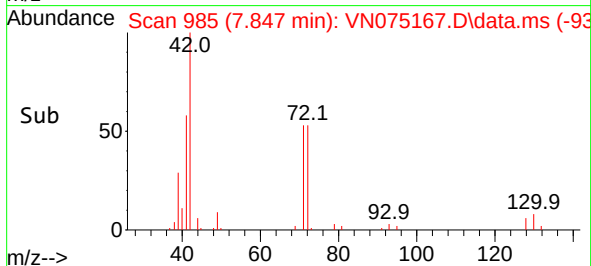
Instrument :
MSVOA_N
ClientSampleId :
VN1104WBS01



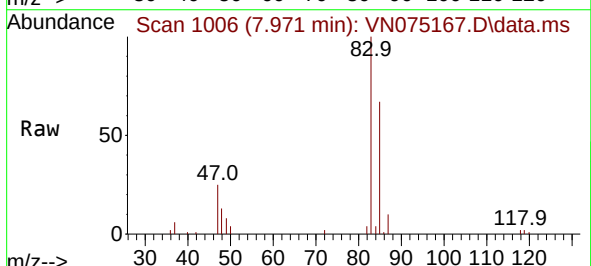
Tgt Ion: 42 Resp: 5404
Ion Ratio Lower Upper
42 100
72 51.6 43.0 64.6
71 50.6 39.9 59.9

Manual Integrations
APPROVED

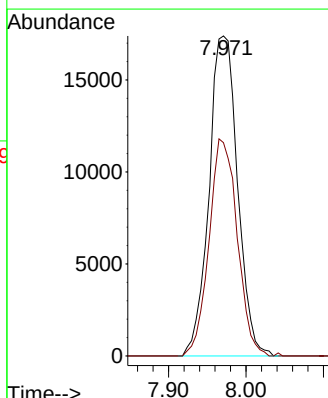
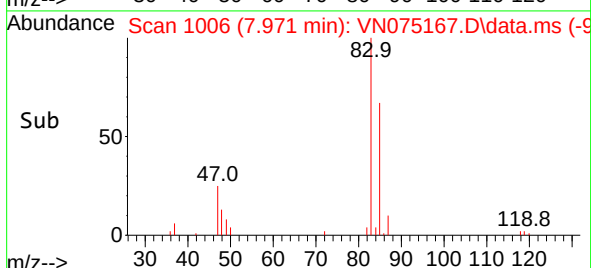
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022

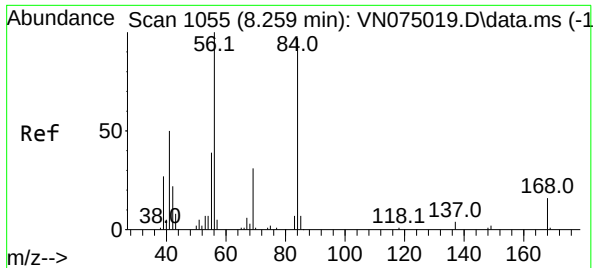


#30
Chloroform
Concen: 19.719 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN075167.D
Acq: 04 Nov 2022 11:53



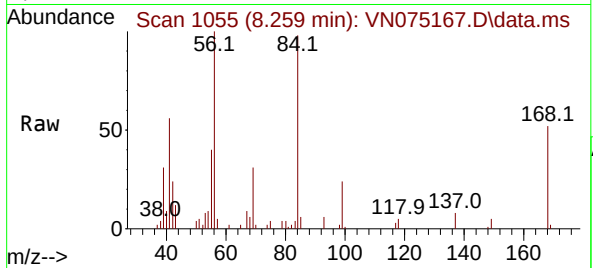
Tgt Ion: 83 Resp: 44623
Ion Ratio Lower Upper
83 100
85 66.7 51.4 77.0





#31
Cyclohexane
Concen: 18.659 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VN075167.D
Acq: 04 Nov 2022 11:53

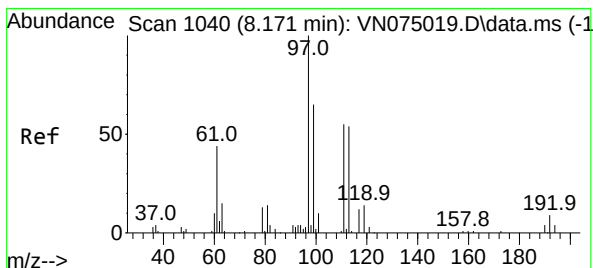
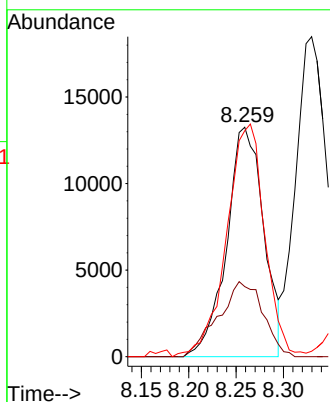
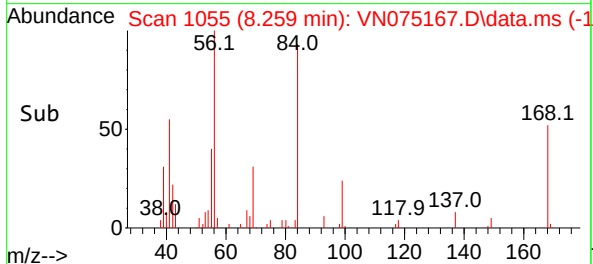
Instrument :
MSVOA_N
ClientSampleId :
VN1104WBS01



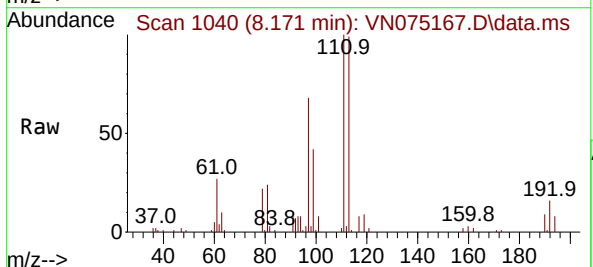
Tgt Ion: 56 Resp: 3606
Ion Ratio Lower Upper
56 100
69 30.6 25.2 37.8
84 97.2 77.8 116.8

Manual Integrations
APPROVED

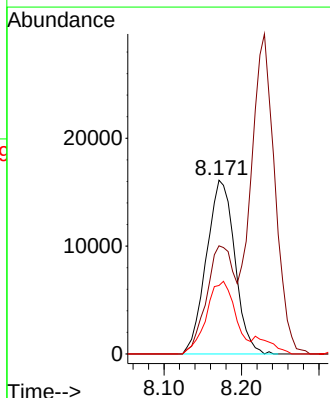
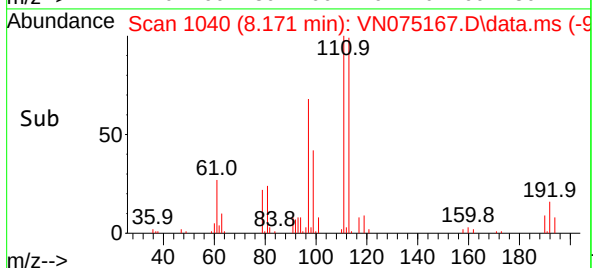
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022

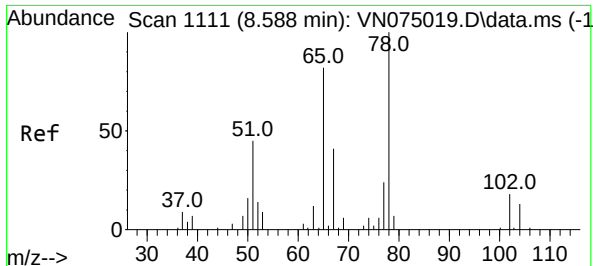


#32
1,1,1-Trichloroethane
Concen: 19.966 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075167.D
Acq: 04 Nov 2022 11:53



Tgt Ion: 97 Resp: 41030
Ion Ratio Lower Upper
97 100
99 60.6 50.2 75.2
61 42.9 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 53.326 ug/l

RT: 8.583 min Scan# 1111

Delta R.T. -0.005 min

Lab File: VN075167.D

Acq: 04 Nov 2022 11:53

Instrument :

MSVOA_N

ClientSampleId :

VN1104WBS01

Tgt Ion: 65 Resp: 69300

Ion Ratio Lower Upper

65 100

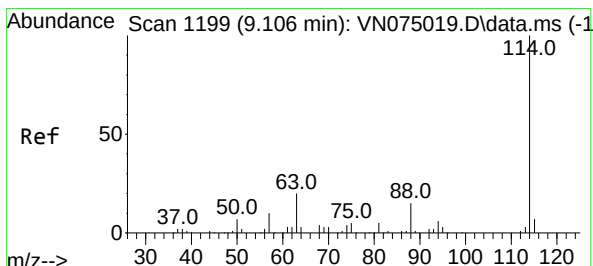
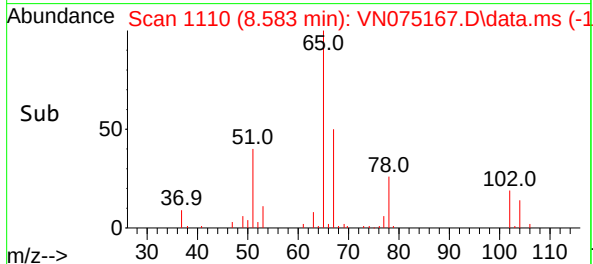
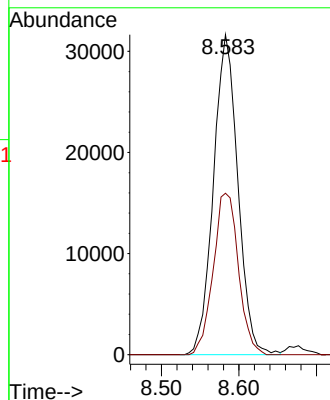
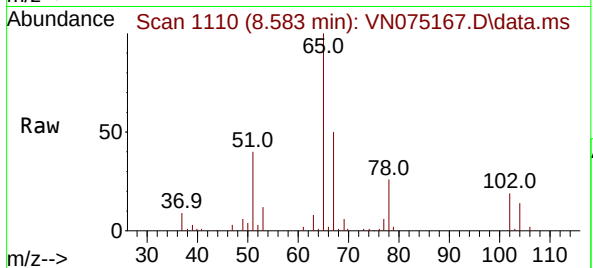
67 52.1 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2022

Supervised By :Mahesh Dadoda 11/07/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075167.D

Acq: 04 Nov 2022 11:53

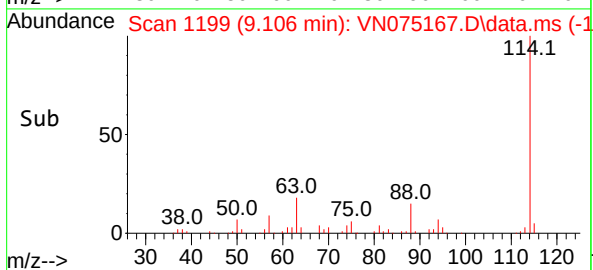
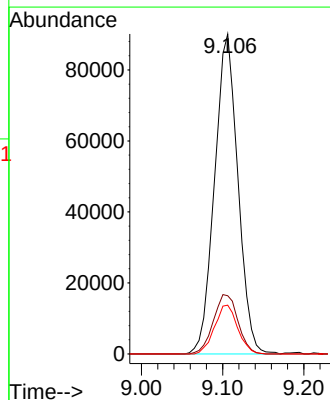
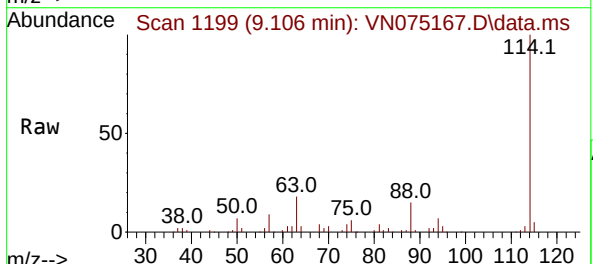
Tgt Ion:114 Resp: 180134

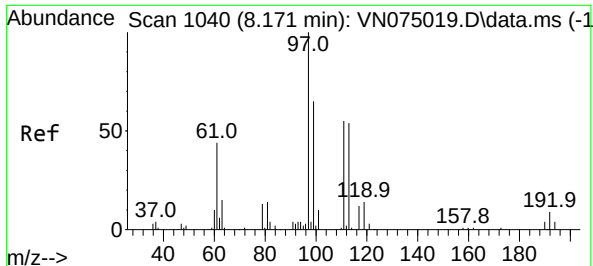
Ion Ratio Lower Upper

114 100

63 18.2 0.0 39.6

88 15.2 0.0 29.0





#35

Dibromofluoromethane

Concen: 52.289 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075167.D

Acq: 04 Nov 2022 11:53

Instrument :

MSVOA_N

ClientSampleId :

VN1104WBS01

Tgt Ion: 113 Resp: 55294

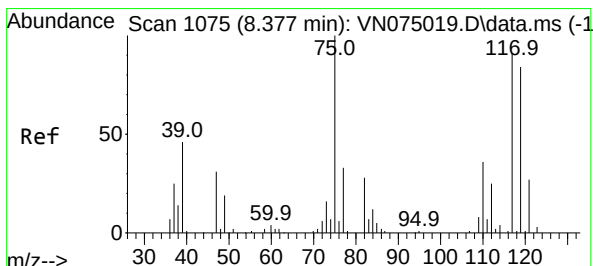
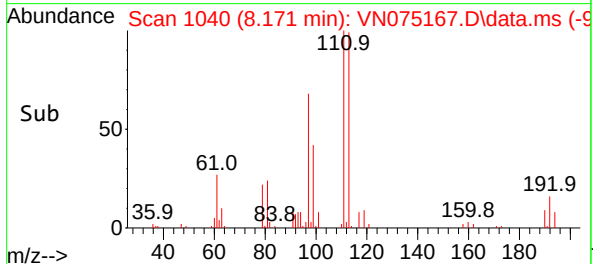
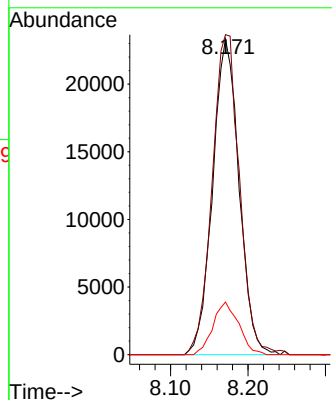
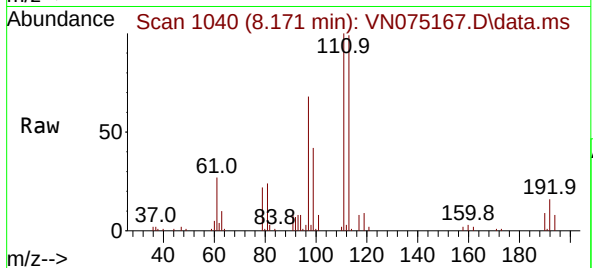
Ion	Ratio	Lower	Upper
113	100		
111	104.6	80.5	120.7
192	16.2	13.2	19.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2022

Supervised By :Mahesh Dadoda 11/07/2022



#36

1,1-Dichloropropene

Concen: 18.874 ug/l

RT: 8.377 min Scan# 1075

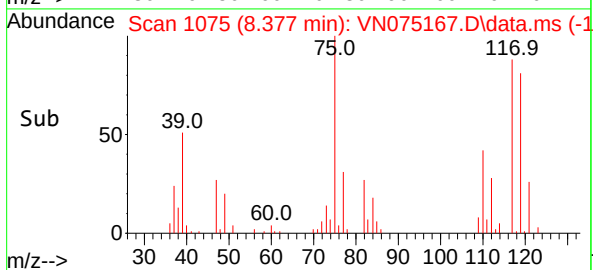
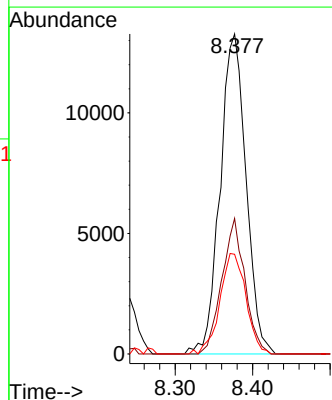
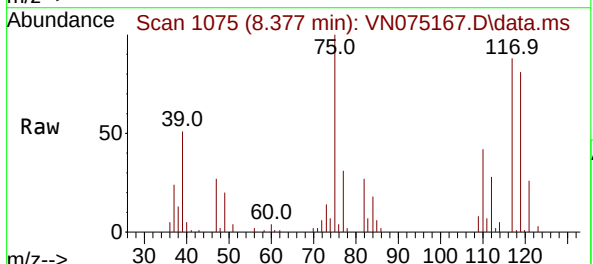
Delta R.T. -0.000 min

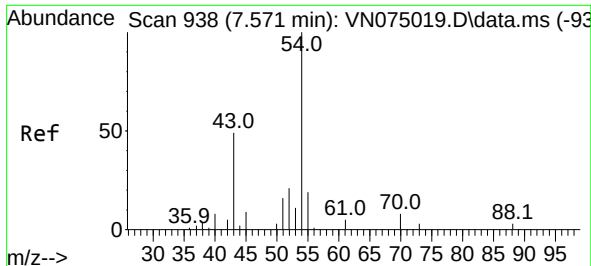
Lab File: VN075167.D

Acq: 04 Nov 2022 11:53

Tgt Ion: 75 Resp: 30900

Ion	Ratio	Lower	Upper
75	100		
110	37.8	17.8	53.3
77	31.5	24.6	37.0





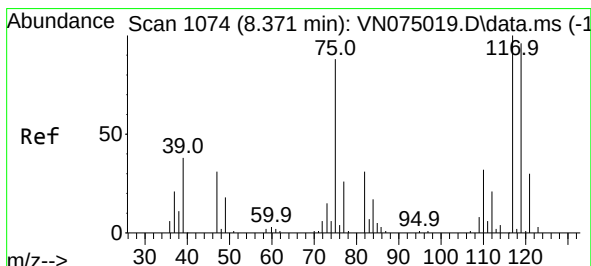
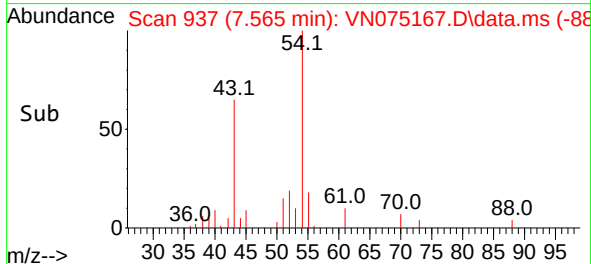
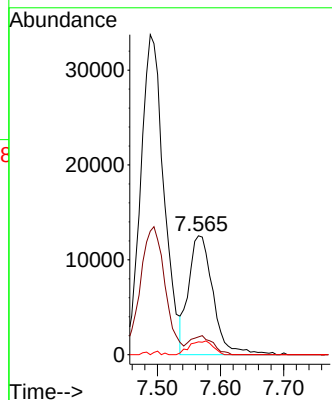
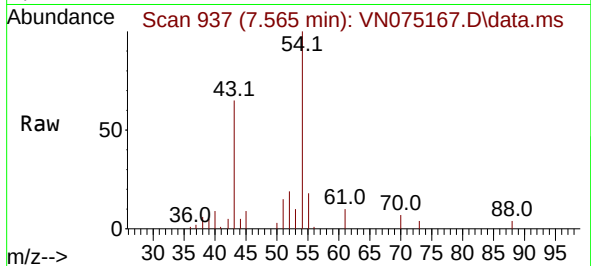
#37
Ethyl Acetate
Concen: 18.776 ug/l
RT: 7.565 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN075167.D
Acq: 04 Nov 2022 11:53

Instrument :
MSVOA_N
ClientSampleId :
VN1104WBS01

Tgt Ion: 43 Resp: 3371
Ion Ratio Lower Upper
43 100
61 15.0 12.2 18.4
70 11.0 9.4 14.2

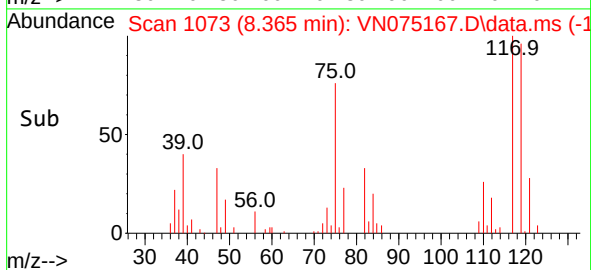
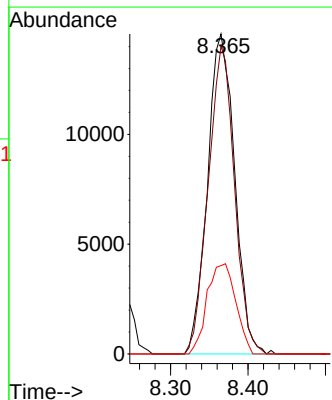
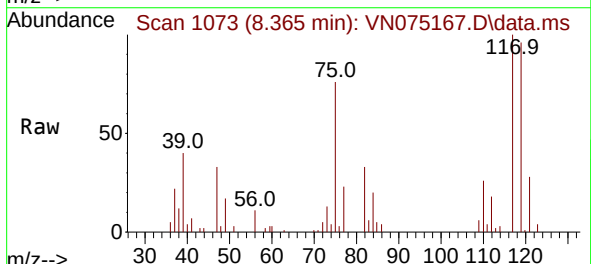
Manual Integrations
APPROVED

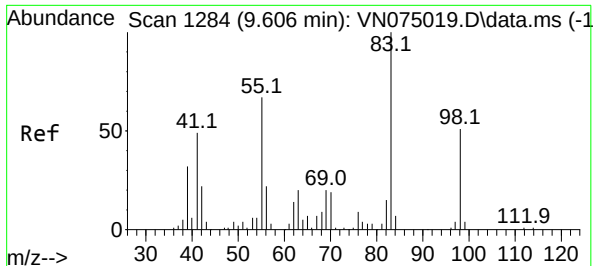
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#38
Carbon Tetrachloride
Concen: 19.719 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN075167.D
Acq: 04 Nov 2022 11:53

Tgt Ion:117 Resp: 35512
Ion Ratio Lower Upper
117 100
119 96.2 76.7 115.1
121 27.6 23.9 35.9





#39

Methylcyclohexane

Concen: 18.213 ug/l

RT: 9.606 min Scan# 1114

Delta R.T. 0.000 min

Lab File: VN075167.D

Acq: 04 Nov 2022 11:53

Instrument :

MSVOA_N

ClientSampleId :

VN1104WBS01

Tgt Ion: 83 Resp: 3936

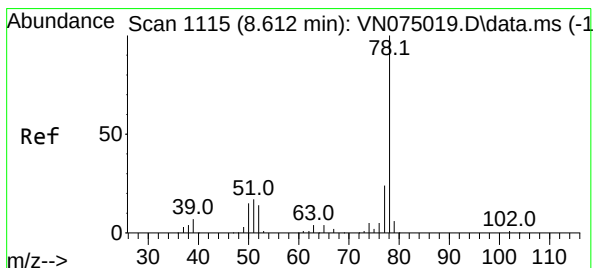
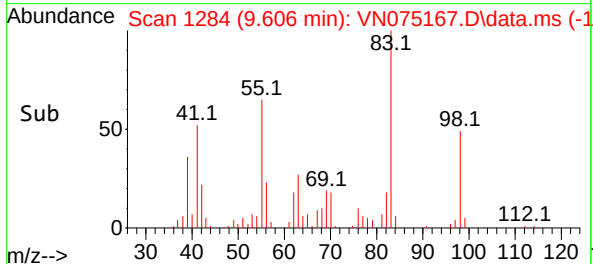
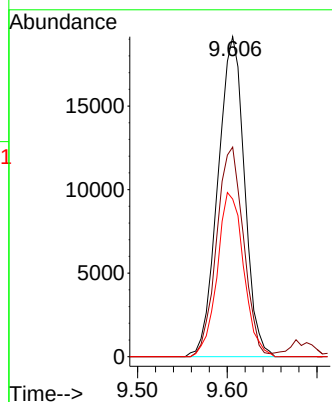
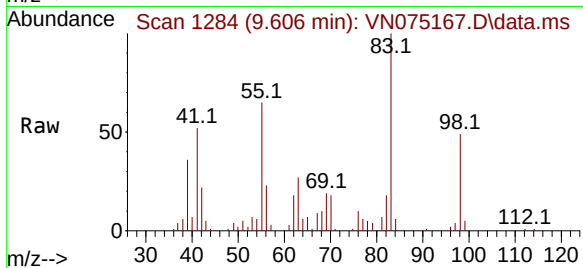
Ion	Ratio	Lower	Upper
83	100		
55	65.5	53.6	80.4
98	49.2	41.1	61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2022

Supervised By :Mahesh Dadoda 11/07/2022



#40

Benzene

Concen: 19.536 ug/l

RT: 8.606 min Scan# 1114

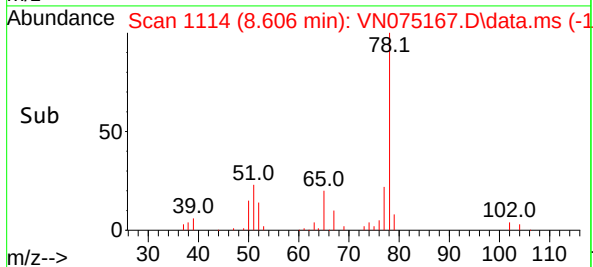
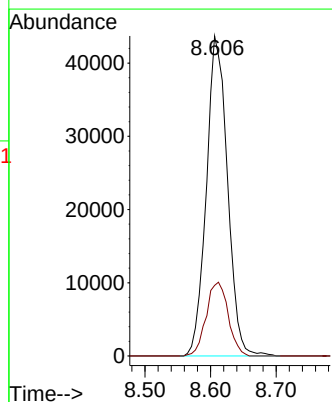
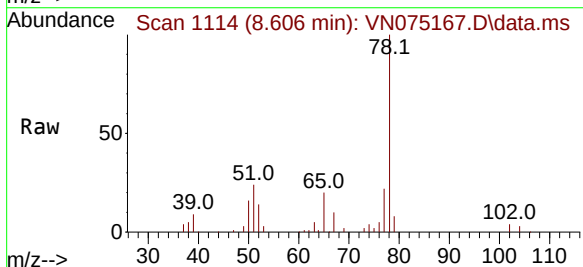
Delta R.T. -0.006 min

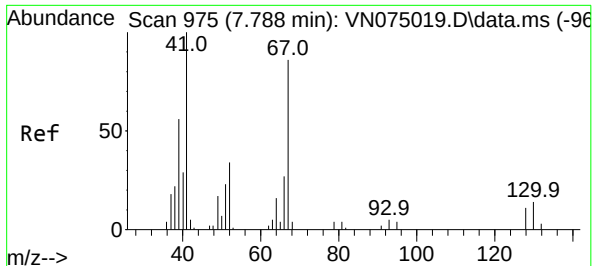
Lab File: VN075167.D

Acq: 04 Nov 2022 11:53

Tgt Ion: 78 Resp: 97930

Ion	Ratio	Lower	Upper
78	100		
77	22.1	19.4	29.0





#41
Methacrylonitrile
Concen: 19.603 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.001 min
Lab File: VN075167.D
Acq: 04 Nov 2022 11:53

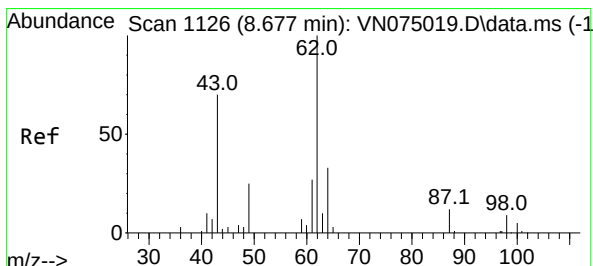
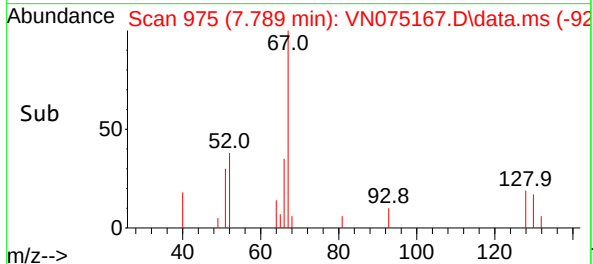
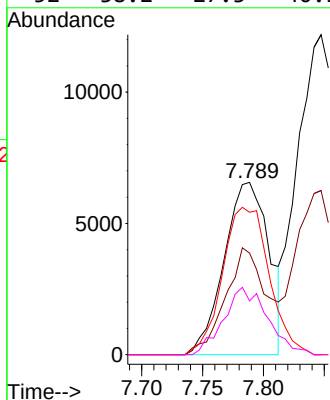
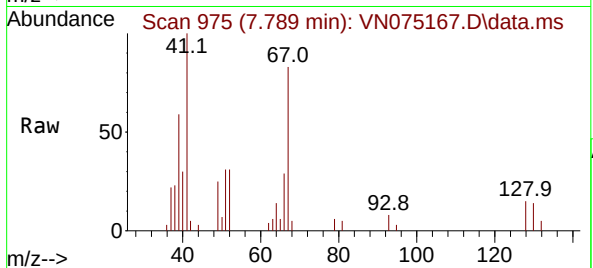
Instrument :
MSVOA_N
ClientSampleId :
VN1104WBS01

Tgt Ion: 41 Resp: 16862

Ion	Ratio	Lower	Upper
41	100		
39	56.5	44.4	66.6
67	88.7	69.8	104.6
52	38.2	27.3	40.9

Manual Integrations
APPROVED

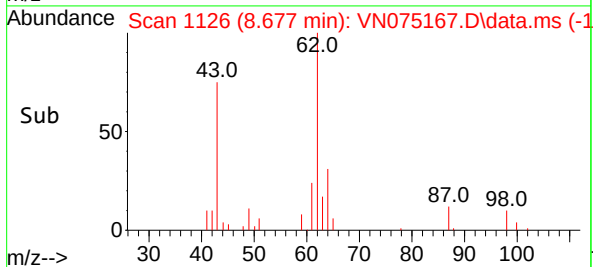
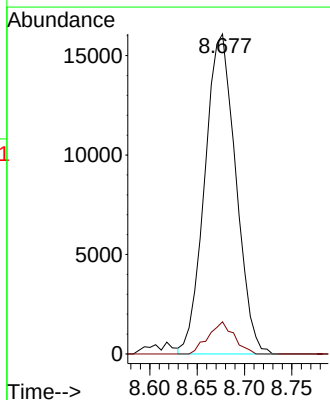
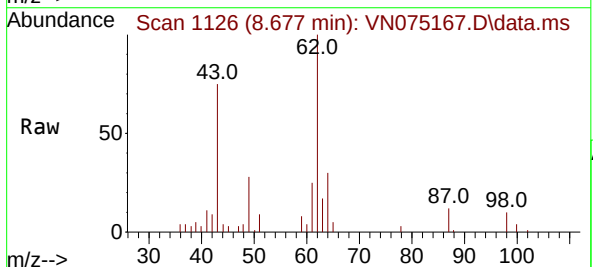
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022

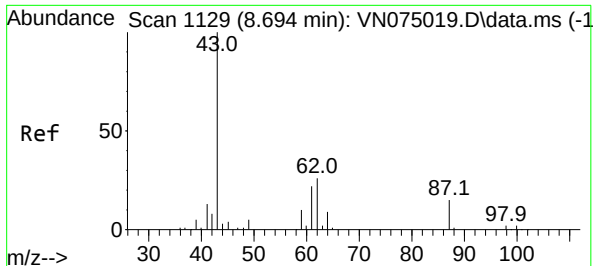


#42
1,2-Dichloroethane
Concen: 20.069 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN075167.D
Acq: 04 Nov 2022 11:53

Tgt Ion: 62 Resp: 36601

Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	18.2





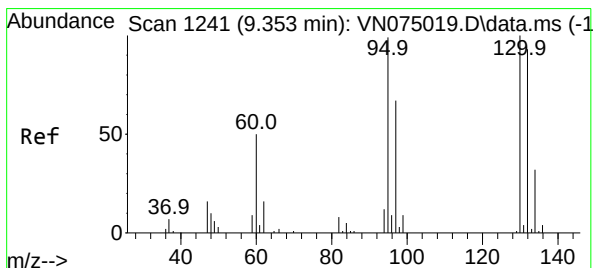
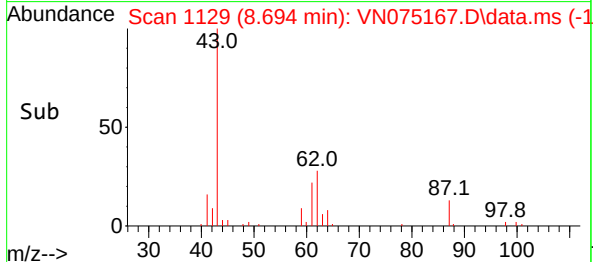
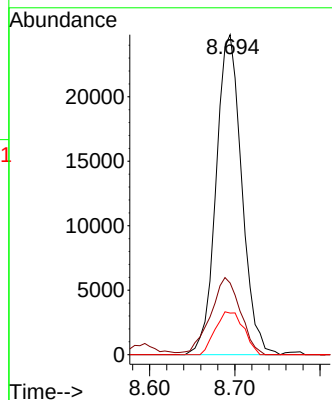
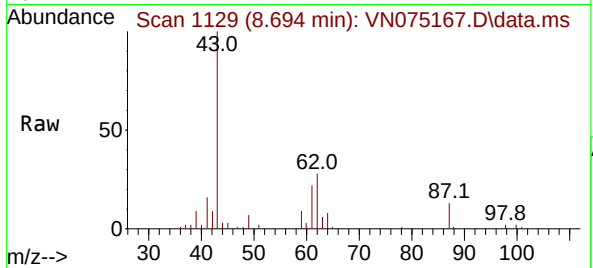
#43
Isopropyl Acetate
Concen: 18.640 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075167.D
Acq: 04 Nov 2022 11:53

Instrument :
MSVOA_N
ClientSampleId :
VN1104WBS01

Tgt Ion: 43 Resp: 5191
Ion Ratio Lower Upper
43 100
61 28.2 22.4 33.6
87 14.8 12.5 18.7

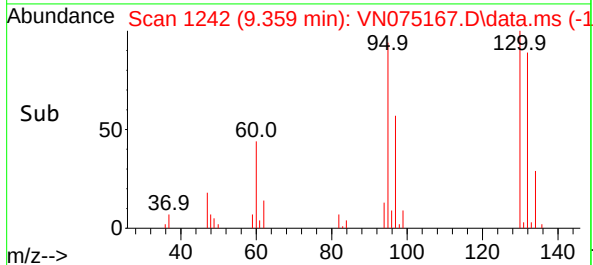
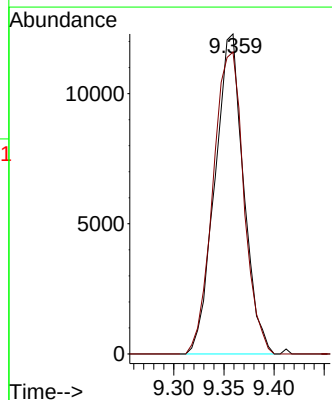
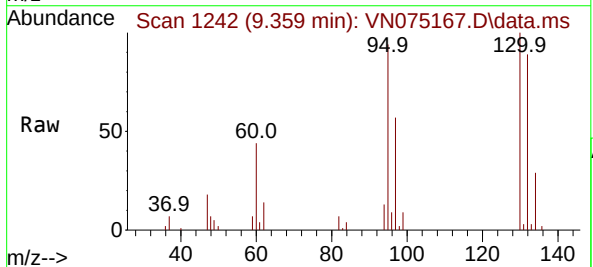
Manual Integrations
APPROVED

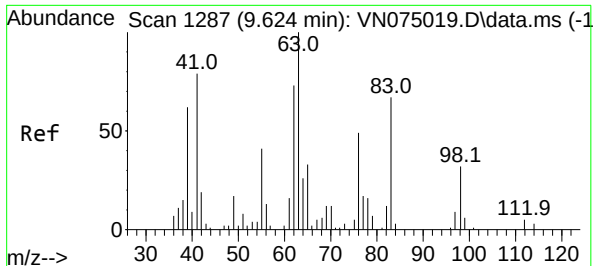
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#44
Trichloroethene
Concen: 19.454 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.006 min
Lab File: VN075167.D
Acq: 04 Nov 2022 11:53

Tgt Ion:130 Resp: 24466
Ion Ratio Lower Upper
130 100
95 94.3 0.0 198.4





#45

1,2-Dichloropropane

Concen: 20.395 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN075167.D

Acq: 04 Nov 2022 11:53

Instrument :

MSVOA_N

ClientSampleId :

VN1104WBS01

Tgt Ion: 63 Resp: 24330

Ion Ratio Lower Upper

63 100

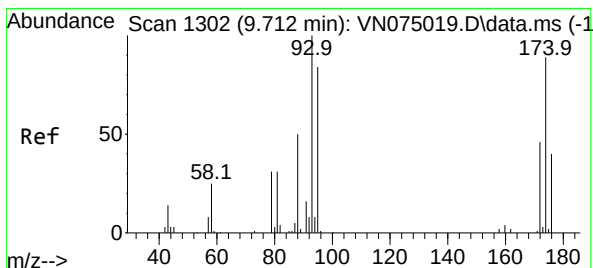
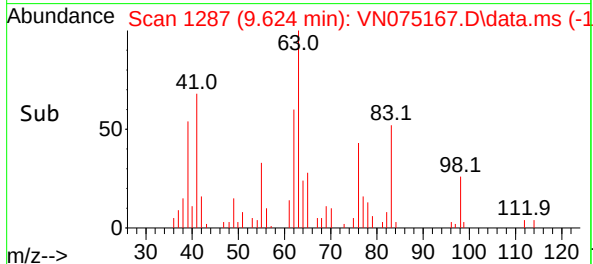
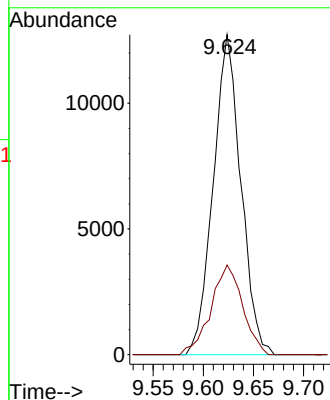
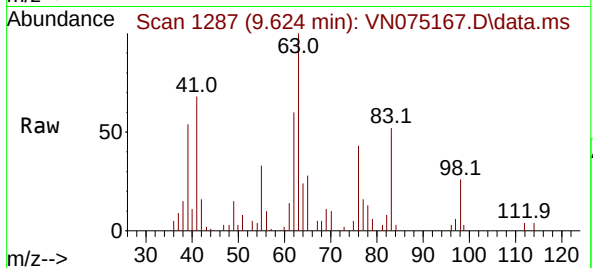
65 28.0 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2022

Supervised By :Mahesh Dadoda 11/07/2022



#46

Dibromomethane

Concen: 19.750 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075167.D

Acq: 04 Nov 2022 11:53

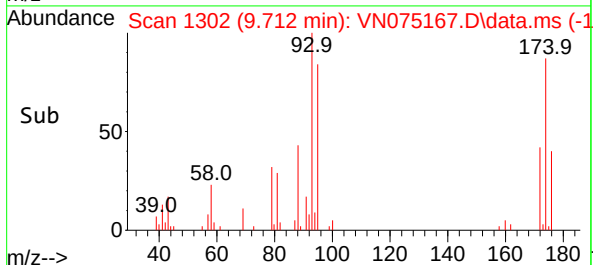
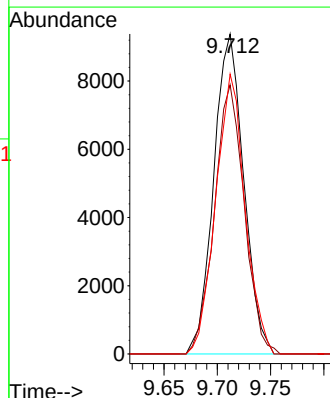
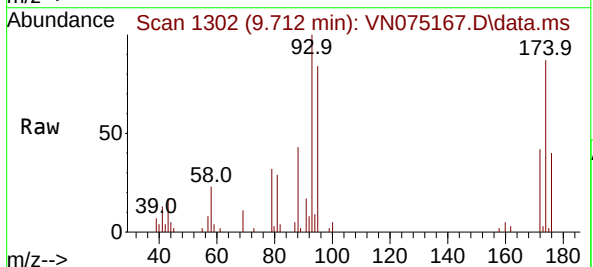
Tgt Ion: 93 Resp: 18356

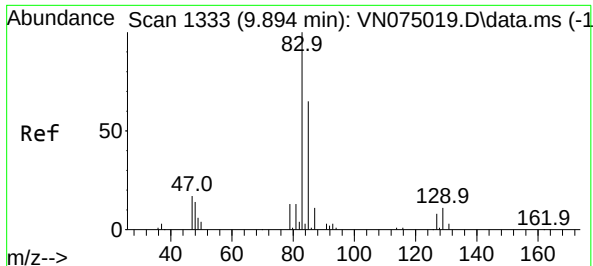
Ion Ratio Lower Upper

93 100

95 83.6 66.6 99.8

174 85.7 70.3 105.5





#47

Bromodichloromethane

Concen: 19.498 ug/l

RT: 9.888 min Scan# 1333

Delta R.T. -0.006 min

Lab File: VN075167.D

Acq: 04 Nov 2022 11:53

Instrument :

MSVOA_N

ClientSampleId :

VN1104WBS01

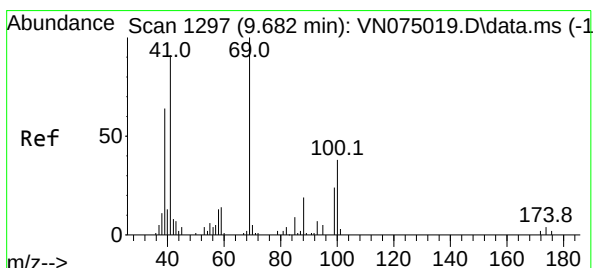
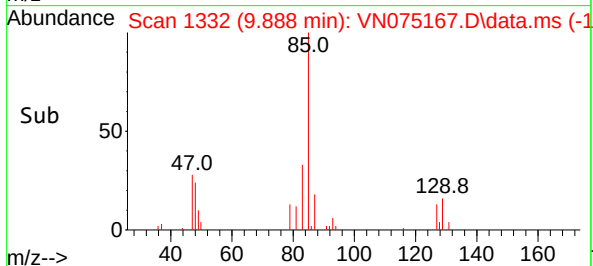
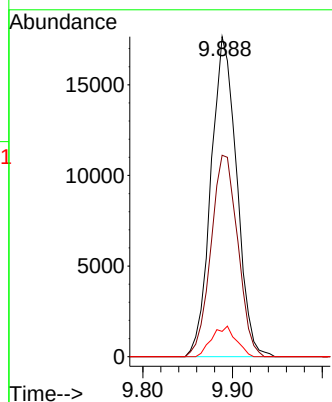
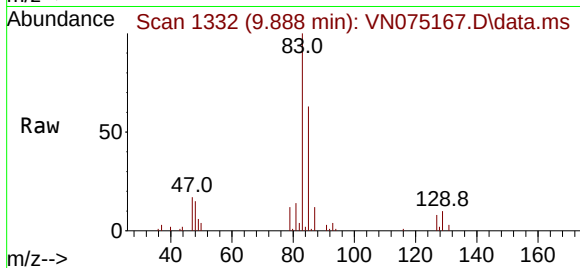
Tgt Ion:	83	Resp:	3509
Ion Ratio	Lower	Upper	
83	100		
85	63.0	52.1	78.1
127	7.9	6.6	10.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2022

Supervised By :Mahesh Dadoda 11/07/2022



#48

Methyl methacrylate

Concen: 18.371 ug/l

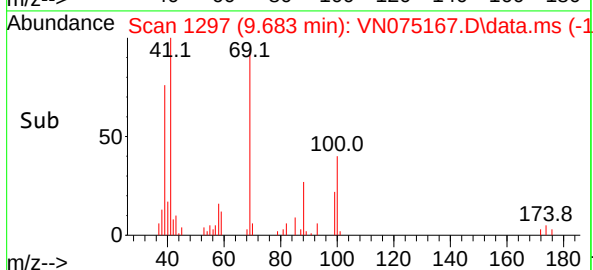
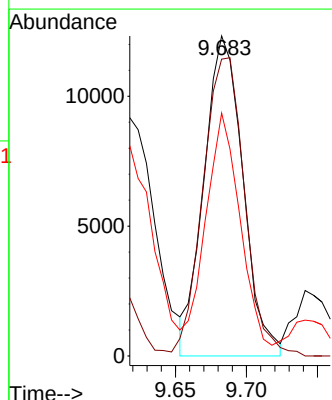
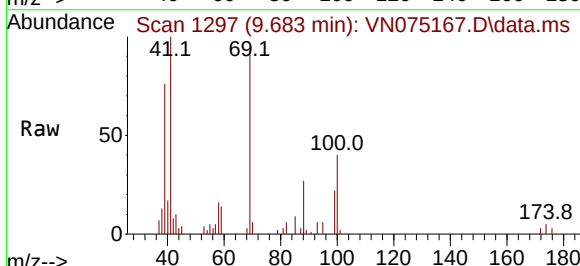
RT: 9.683 min Scan# 1297

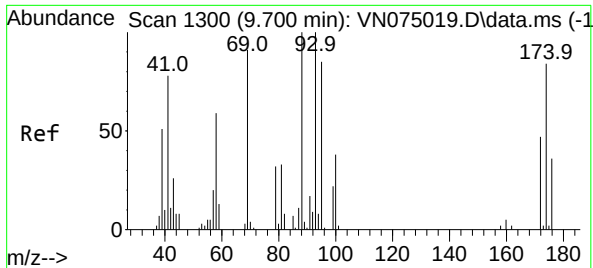
Delta R.T. 0.001 min

Lab File: VN075167.D

Acq: 04 Nov 2022 11:53

Tgt Ion:	41	Resp:	23469
Ion Ratio	Lower	Upper	
41	100		
69	99.6	80.2	120.2
39	69.0	56.2	84.2





#49

1,4-Dioxane

Concen: 388.934 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN075167.D

Acq: 04 Nov 2022 11:53

Instrument :

MSVOA_N

ClientSampleId :

VN1104WBS01

Tgt Ion: 88 Resp: 1301

Ion Ratio Lower Upper

88 100

43 22.2 17.5 26.3

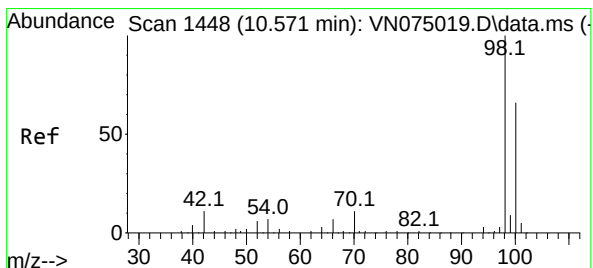
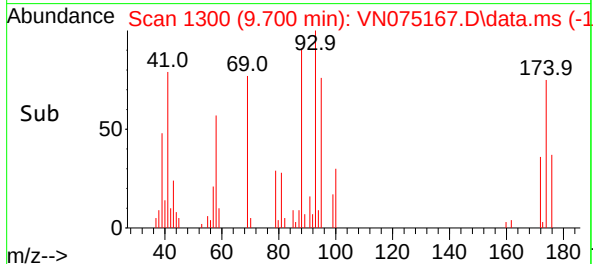
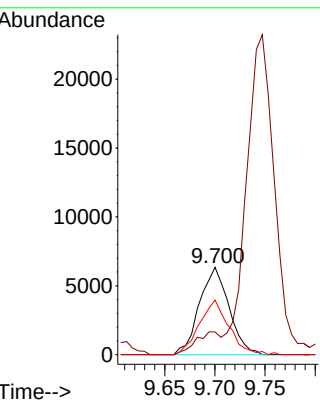
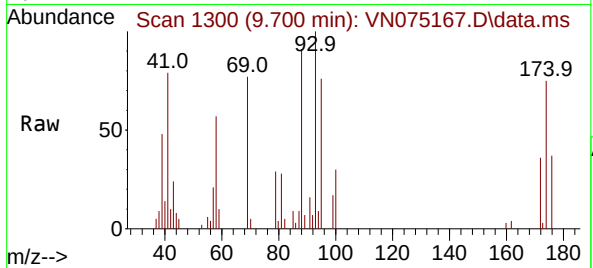
58 62.6 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2022

Supervised By :Mahesh Dadoda 11/07/2022



#50

Toluene-d8

Concen: 51.576 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN075167.D

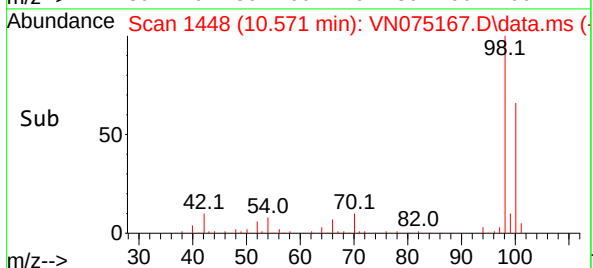
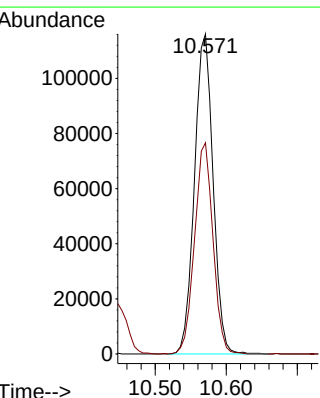
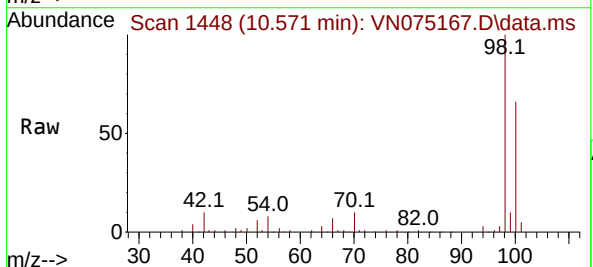
Acq: 04 Nov 2022 11:53

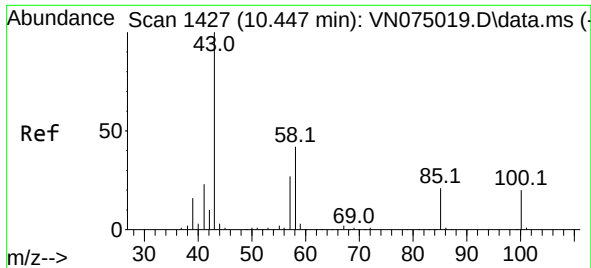
Tgt Ion: 98 Resp: 211601

Ion Ratio Lower Upper

98 100

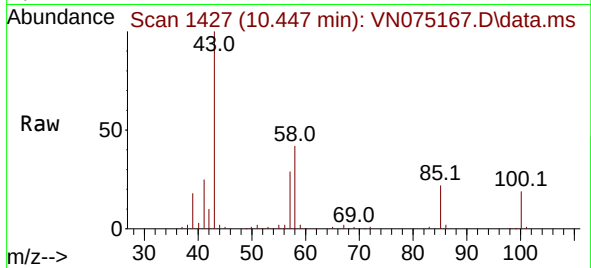
100 65.4 53.0 79.6





#51
4-Methyl-2-Pentanone
Concen: 94.738 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075167.D
Acq: 04 Nov 2022 11:53

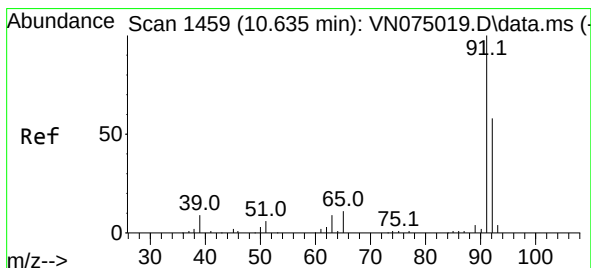
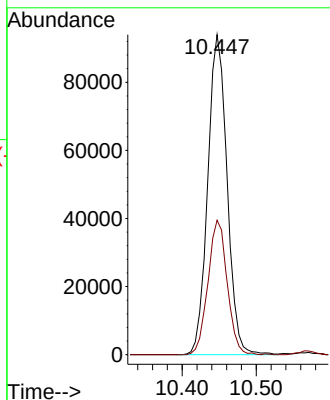
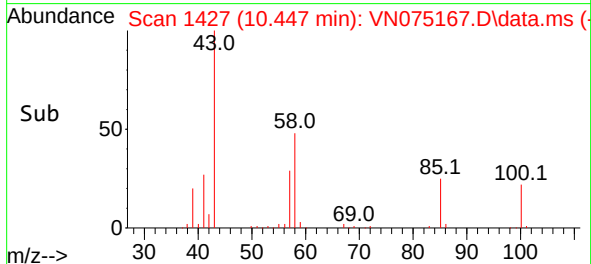
Instrument :
MSVOA_N
ClientSampleId :
VN1104WBS01



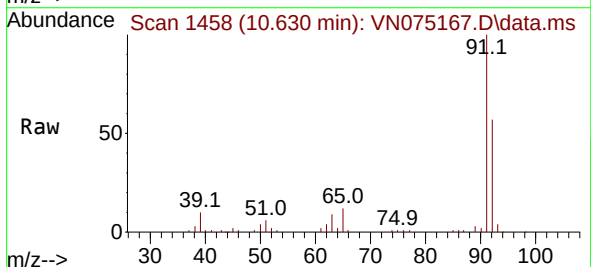
Tgt Ion: 43 Resp: 170259
Ion Ratio Lower Upper
43 100
58 41.7 33.6 50.4

Manual Integrations
APPROVED

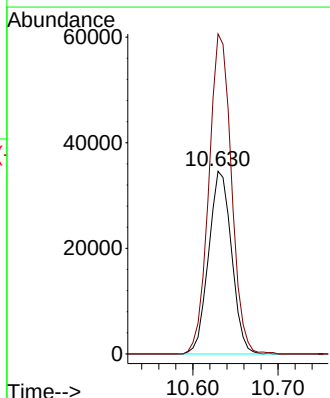
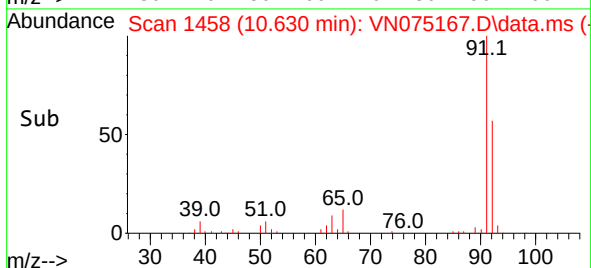
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022

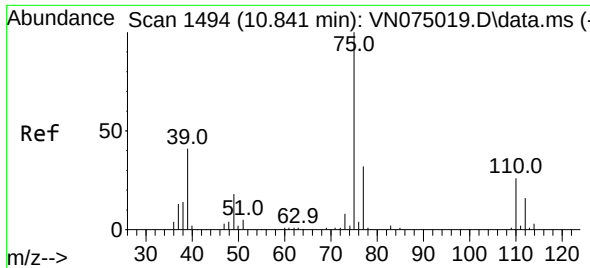


#52
Toluene
Concen: 19.308 ug/l
RT: 10.630 min Scan# 1458
Delta R.T. -0.005 min
Lab File: VN075167.D
Acq: 04 Nov 2022 11:53



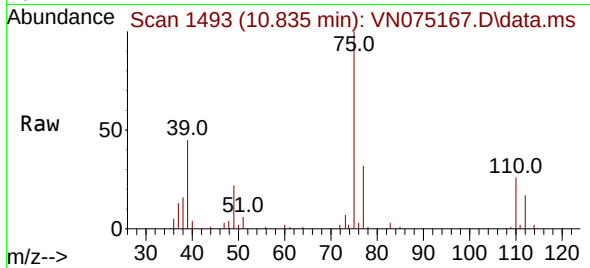
Tgt Ion: 92 Resp: 64698
Ion Ratio Lower Upper
92 100
91 172.5 135.4 203.2





#53
 t-1,3-Dichloropropene
 Concen: 18.368 ug/l
 RT: 10.835 min Scan# 1493
 Delta R.T. -0.006 min
 Lab File: VN075167.D
 Acq: 04 Nov 2022 11:53

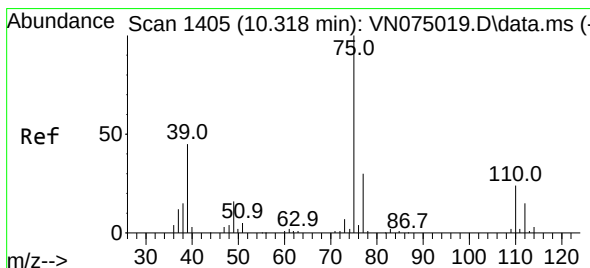
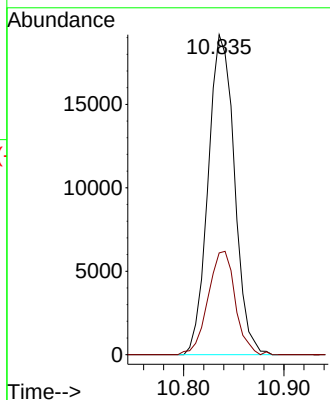
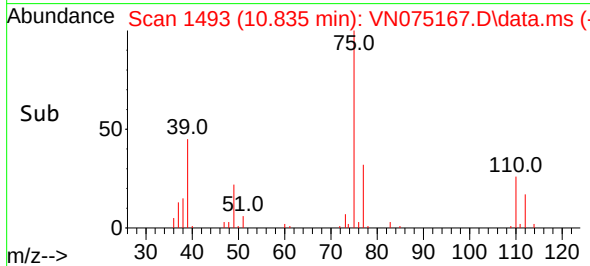
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1104WBS01



Tgt Ion: 75 Resp: 34894
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.4 38.2

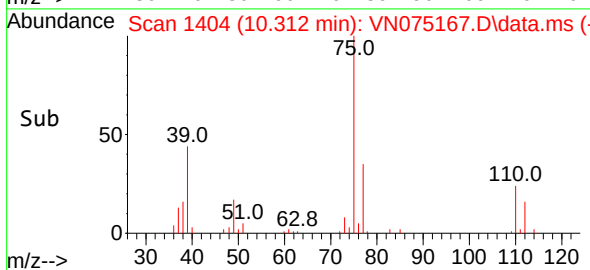
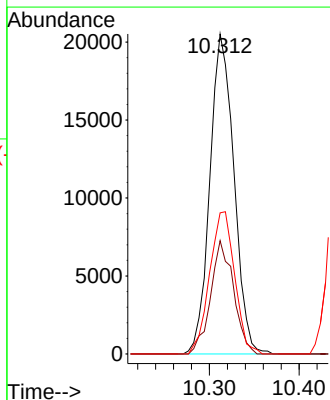
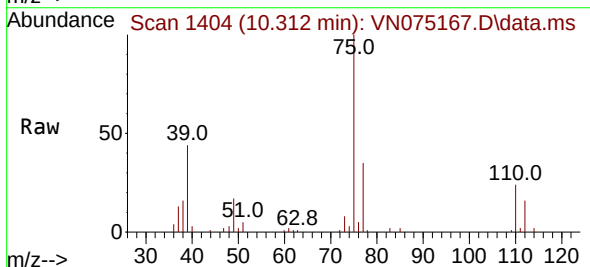
Manual Integrations
 APPROVED

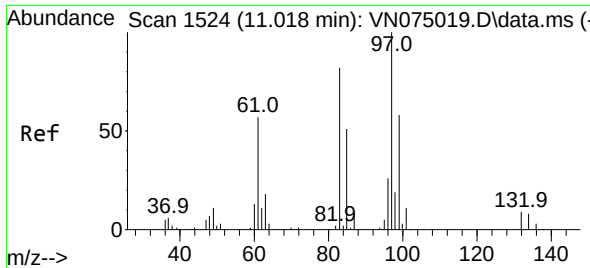
Reviewed By :John Carlone 11/07/2022
 Supervised By :Mahesh Dadoda 11/07/2022



#54
 cis-1,3-Dichloropropene
 Concen: 18.971 ug/l
 RT: 10.312 min Scan# 1404
 Delta R.T. -0.006 min
 Lab File: VN075167.D
 Acq: 04 Nov 2022 11:53

Tgt Ion: 75 Resp: 38225
 Ion Ratio Lower Upper
 75 100
 77 35.4 23.7 35.5
 39 44.1 35.8 53.6





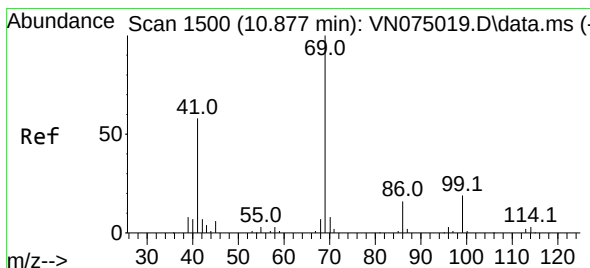
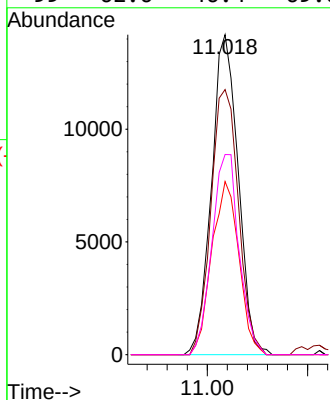
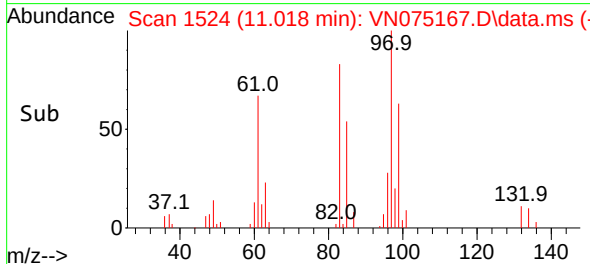
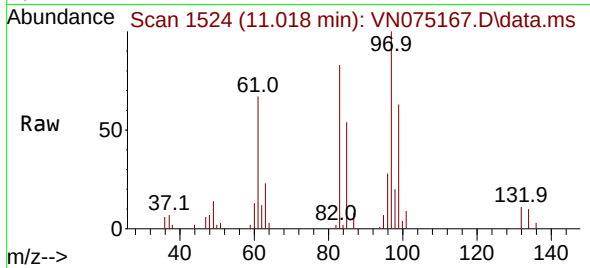
#55
1,1,2-Trichloroethane
Concen: 19.667 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN075167.D
Acq: 04 Nov 2022 11:53

Instrument :
MSVOA_N
ClientSampleId :
VN1104WBS01

Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.9	65.9	98.9
85	54.1	40.4	60.6
99	62.6	46.4	69.6

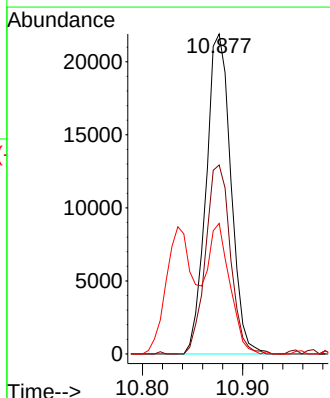
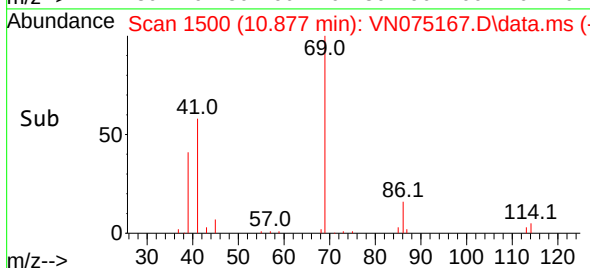
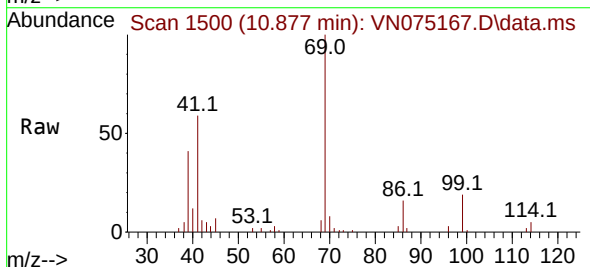
Manual Integrations
APPROVED

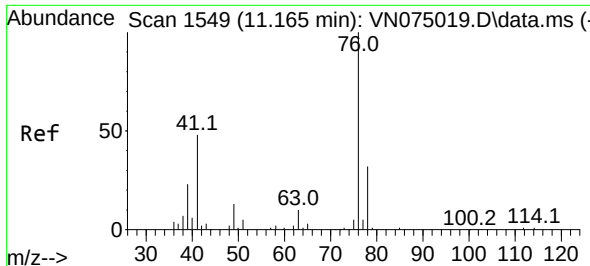
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#56
Ethyl methacrylate
Concen: 18.566 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN075167.D
Acq: 04 Nov 2022 11:53

Tgt Ion	Ratio	Lower	Upper
69	100		
41	59.3	45.6	68.4
39	35.9	28.5	42.7





#57

1,3-Dichloropropane

Concen: 20.178 ug/l

RT: 11.165 min Scan# 1549

Delta R.T. -0.000 min

Lab File: VN075167.D

Acq: 04 Nov 2022 11:53

Instrument :

MSVOA_N

ClientSampleId :

VN1104WBS01

Tgt Ion: 76 Resp: 44640

Ion Ratio Lower Upper

76 100

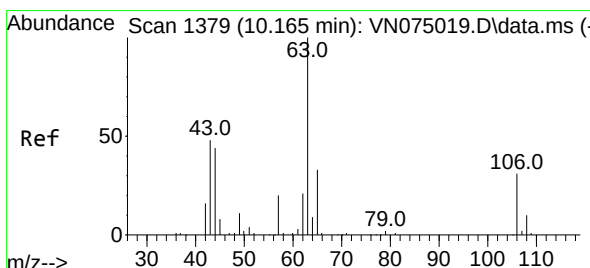
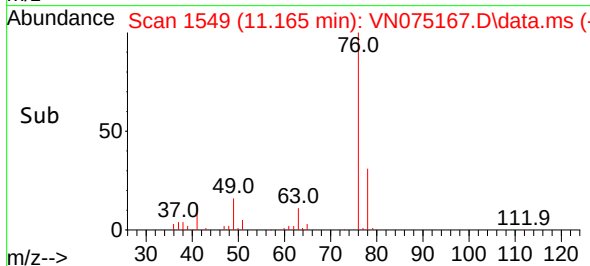
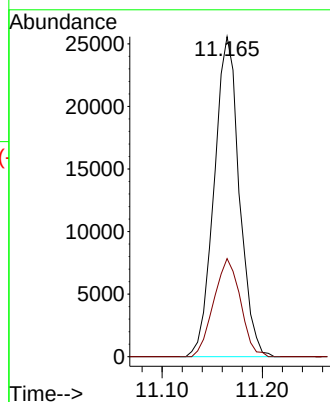
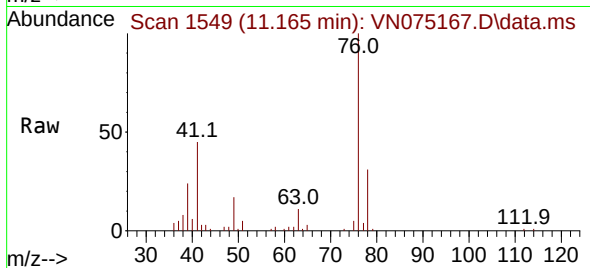
78 32.4 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2022

Supervised By :Mahesh Dadoda 11/07/2022



#58

2-Chloroethyl Vinyl ether

Concen: 92.596 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN075167.D

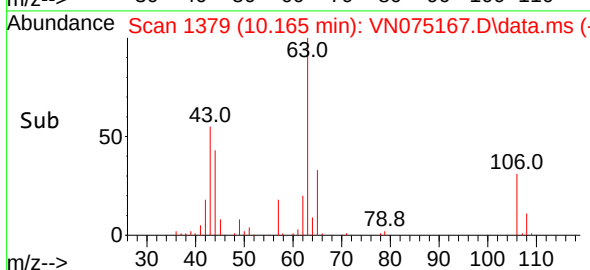
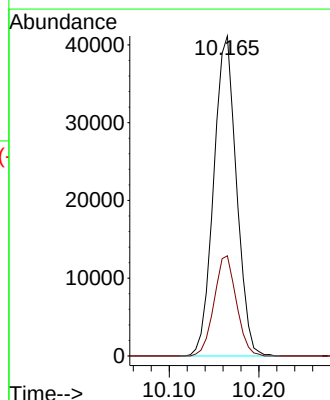
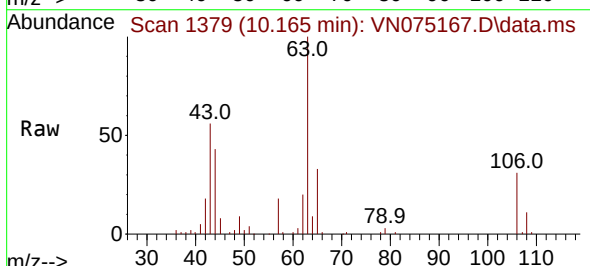
Acq: 04 Nov 2022 11:53

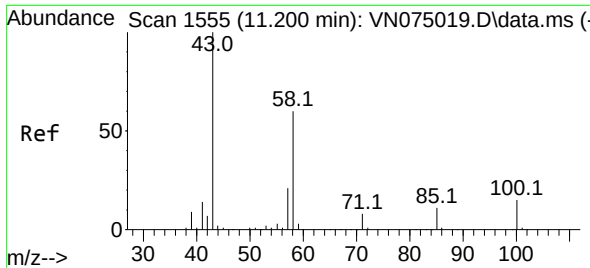
Tgt Ion: 63 Resp: 72550

Ion Ratio Lower Upper

63 100

106 30.6 24.8 37.2





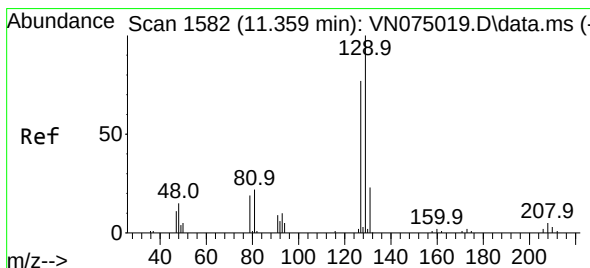
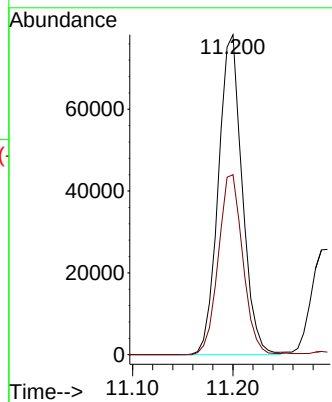
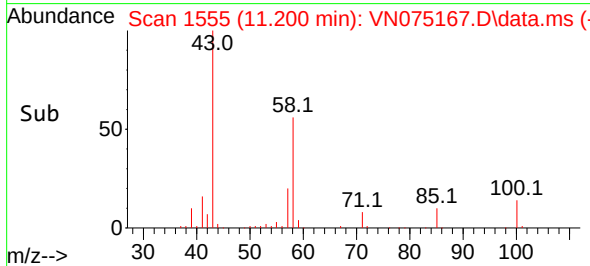
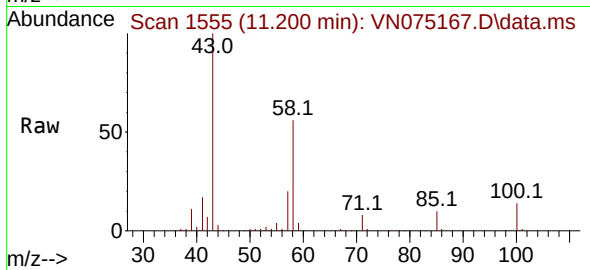
#59
2-Hexanone
Concen: 94.389 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN075167.D
Acq: 04 Nov 2022 11:53

Instrument :
MSVOA_N
ClientSampleId :
VN1104WBS01

Tgt Ion: 43 Resp: 128745
Ion Ratio Lower Upper
43 100
58 57.8 29.6 88.8

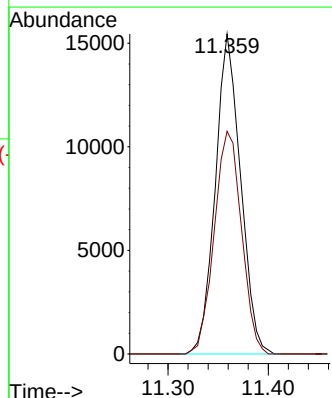
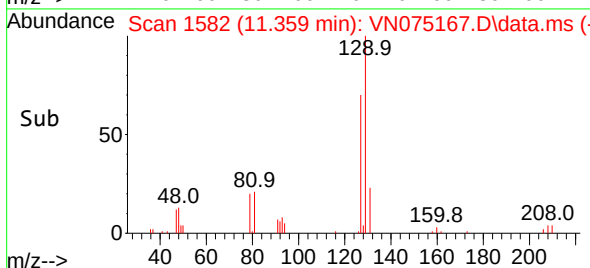
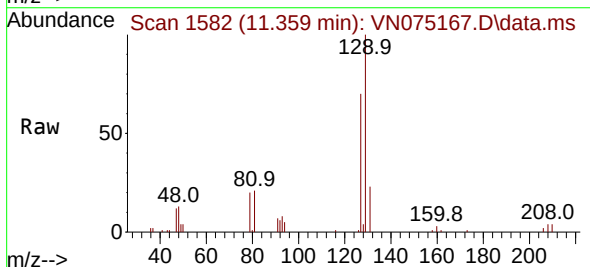
Manual Integrations
APPROVED

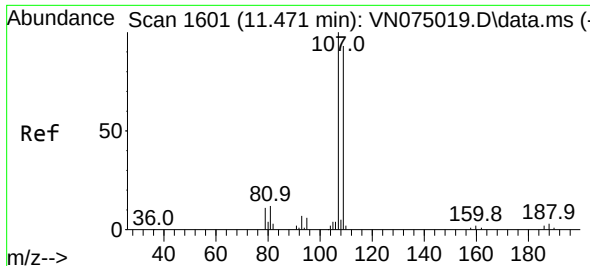
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#60
Dibromochloromethane
Concen: 19.261 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075167.D
Acq: 04 Nov 2022 11:53

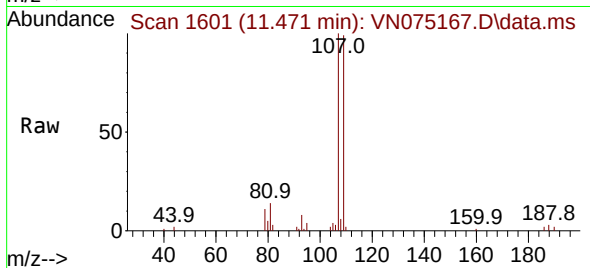
Tgt Ion:129 Resp: 27000
Ion Ratio Lower Upper
129 100
127 75.1 38.6 115.8





#61
1,2-Dibromoethane
Concen: 19.392 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075167.D
Acq: 04 Nov 2022 11:53

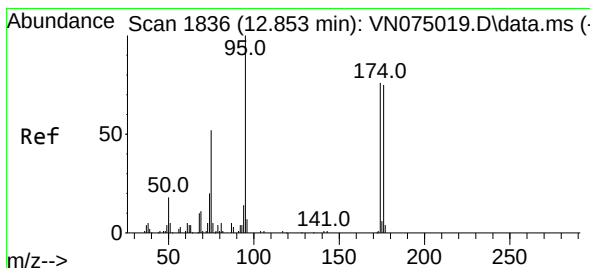
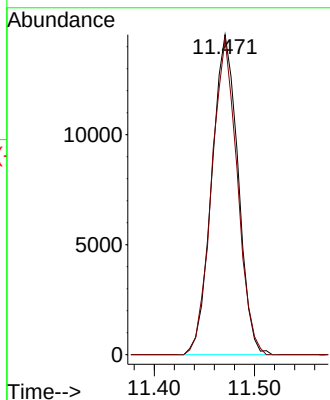
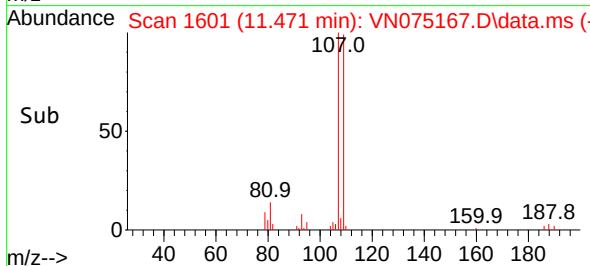
Instrument :
MSVOA_N
ClientSampleId :
VN1104WBS01



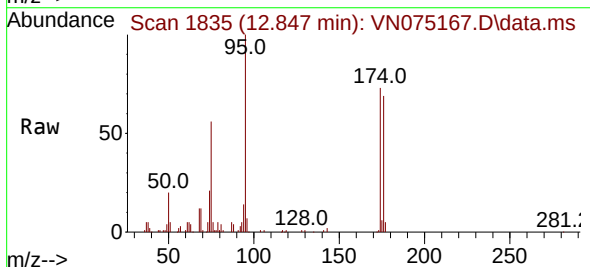
Tgt Ion:107 Resp: 26409
Ion Ratio Lower Upper
107 100
109 96.5 75.6 113.4

Manual Integrations
APPROVED

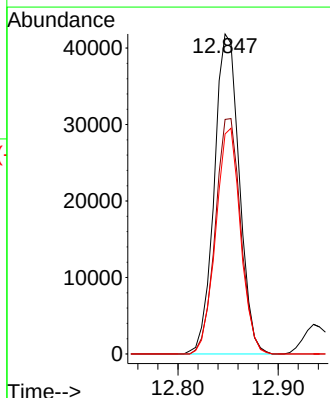
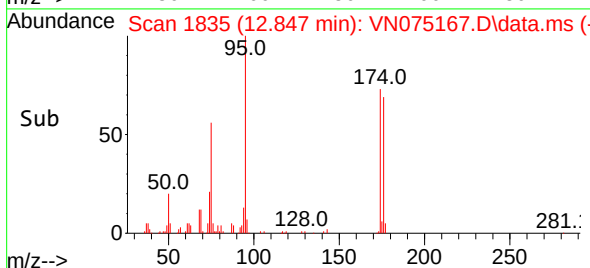
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022

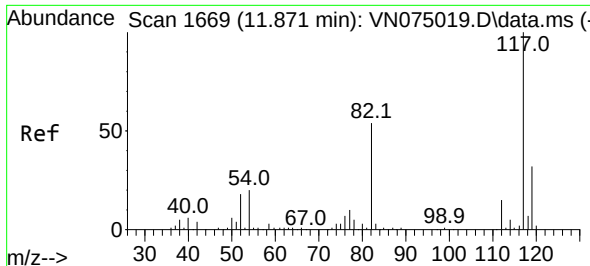


#62
4-Bromofluorobenzene
Concen: 50.290 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075167.D
Acq: 04 Nov 2022 11:53



Tgt Ion: 95 Resp: 72478
Ion Ratio Lower Upper
95 100
174 74.4 0.0 147.4
176 69.8 0.0 142.2





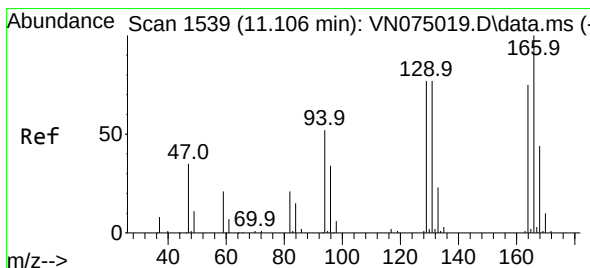
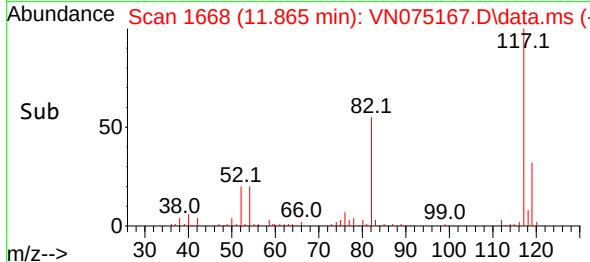
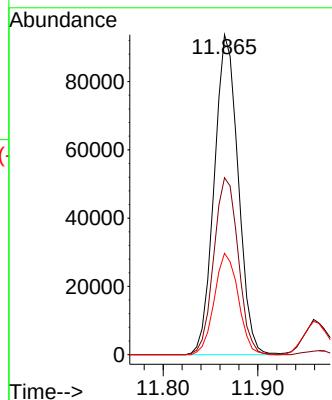
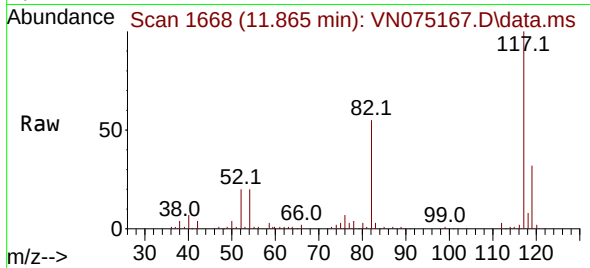
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1669
Delta R.T. -0.006 min
Lab File: VN075167.D
Acq: 04 Nov 2022 11:53

Instrument :
MSVOA_N
ClientSampleId :
VN1104WBS01

Tgt Ion:117 Resp: 16456
Ion Ratio Lower Upper
117 100
82 55.3 43.1 64.7
119 31.7 25.5 38.3

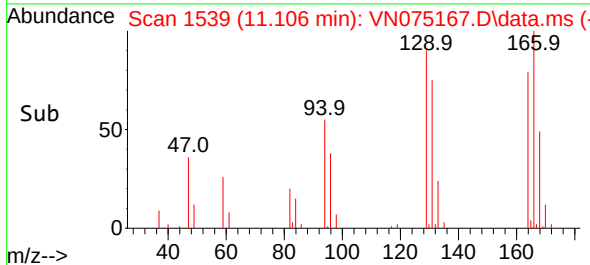
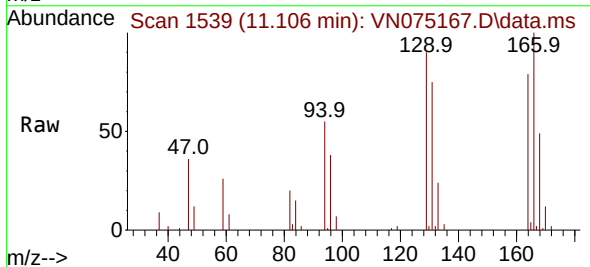
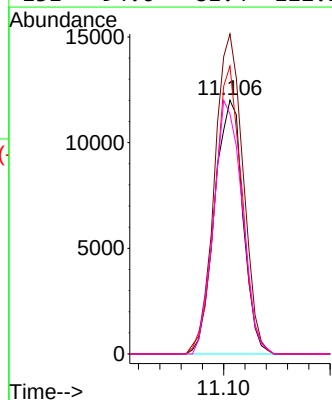
Manual Integrations
APPROVED

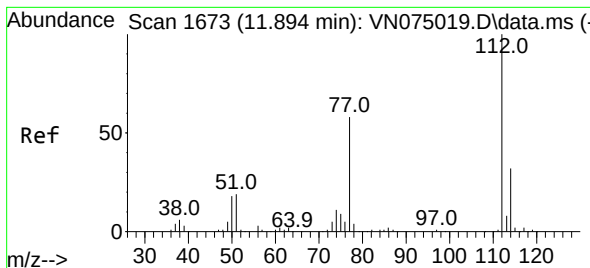
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#64
Tetrachloroethene
Concen: 22.025 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075167.D
Acq: 04 Nov 2022 11:53

Tgt Ion:164 Resp: 22221
Ion Ratio Lower Upper
164 100
166 126.1 106.5 159.7
129 113.4 81.9 122.9
131 94.6 81.4 122.2





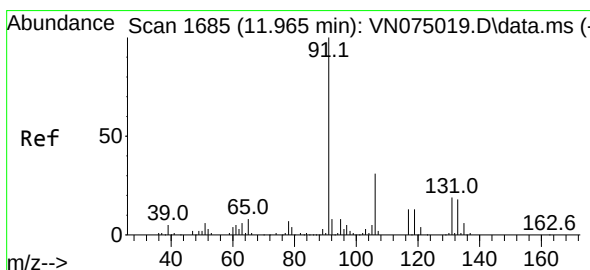
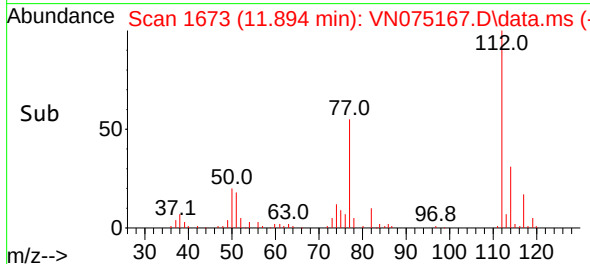
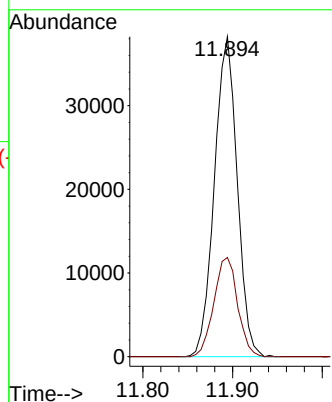
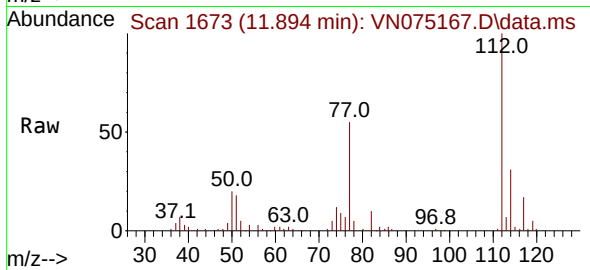
#65
Chlorobenzene
Concen: 19.204 ug/l
RT: 11.894 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN075167.D
Acq: 04 Nov 2022 11:53

Instrument :
MSVOA_N
ClientSampleId :
VN1104WBS01

Tgt Ion:112 Resp: 6745
Ion Ratio Lower Upper
112 100
114 31.0 25.4 38.2

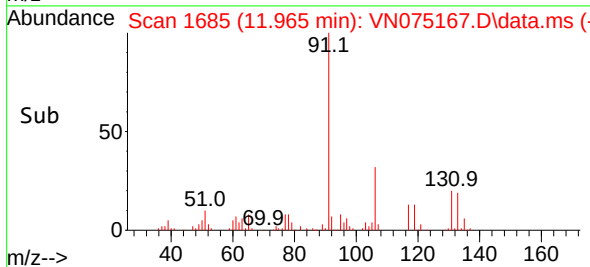
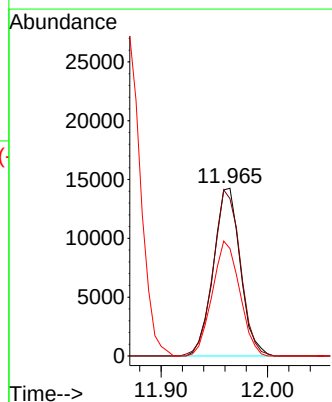
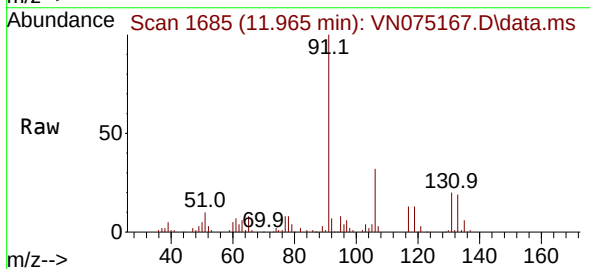
Manual Integrations
APPROVED

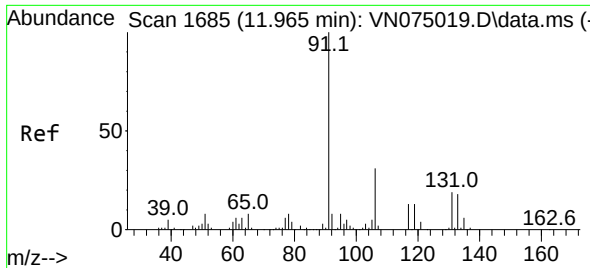
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 19.245 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075167.D
Acq: 04 Nov 2022 11:53

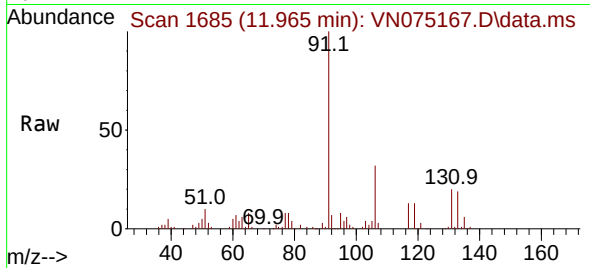
Tgt Ion:131 Resp: 25077
Ion Ratio Lower Upper
131 100
133 99.4 47.8 143.4
119 69.5 33.0 99.0





#67
Ethyl Benzene
Concen: 19.349 ug/l
RT: 11.965 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN075167.D
Acq: 04 Nov 2022 11:53

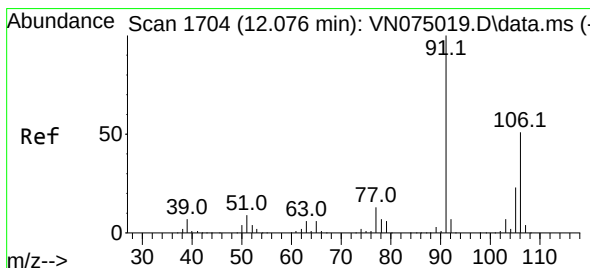
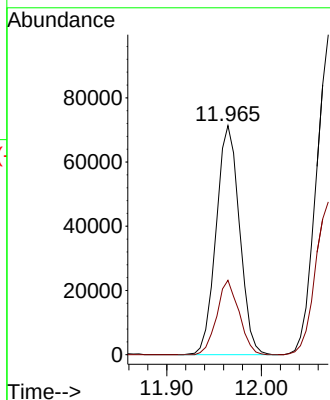
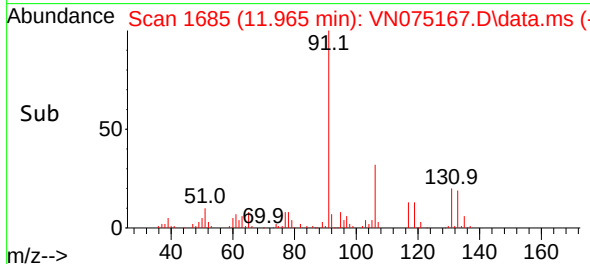
Instrument :
MSVOA_N
ClientSampleId :
VN1104WBS01



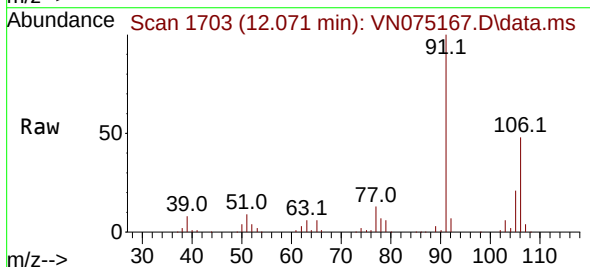
Tgt Ion: 91 Resp: 122278
Ion Ratio Lower Upper
91 100
106 32.5 24.9 37.3

Manual Integrations
APPROVED

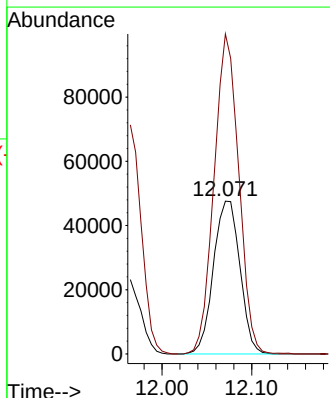
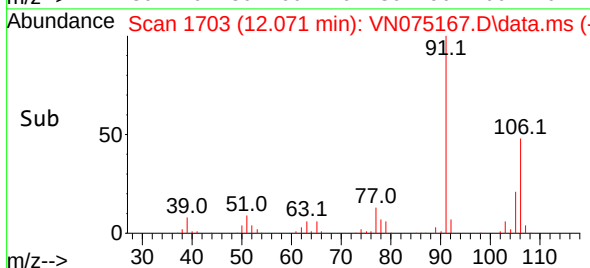
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022

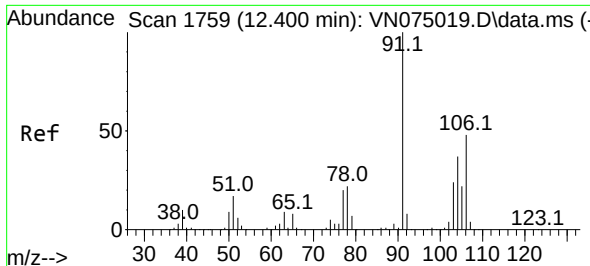


#68
m/p-Xylenes
Concen: 38.490 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.005 min
Lab File: VN075167.D
Acq: 04 Nov 2022 11:53



Tgt Ion:106 Resp: 97602
Ion Ratio Lower Upper
106 100
91 195.7 156.0 234.0





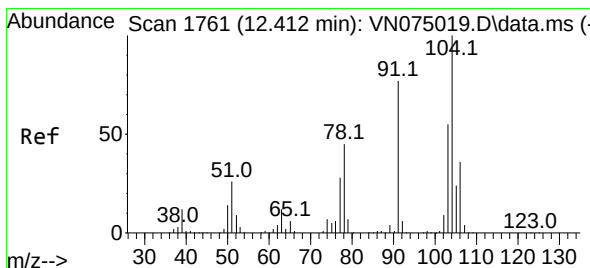
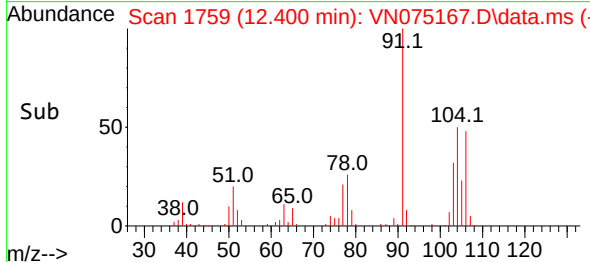
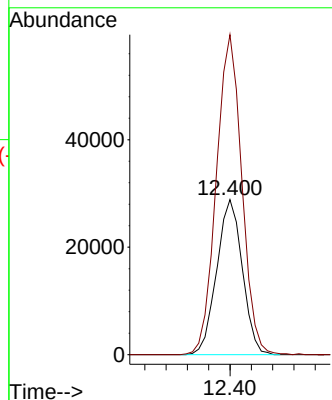
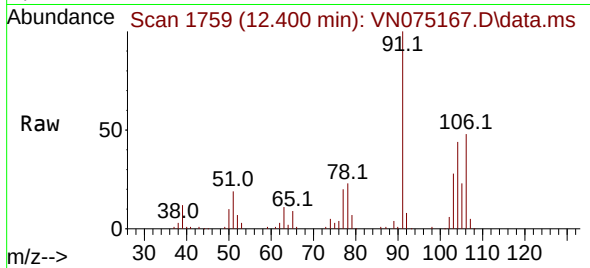
#69
o-Xylene
Concen: 19.197 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075167.D
Acq: 04 Nov 2022 11:53

Instrument :
MSVOA_N
ClientSampleId :
VN1104WBS01

Tgt Ion:106 Resp: 4814
Ion Ratio Lower Upper
106 100
91 205.5 105.2 315.5

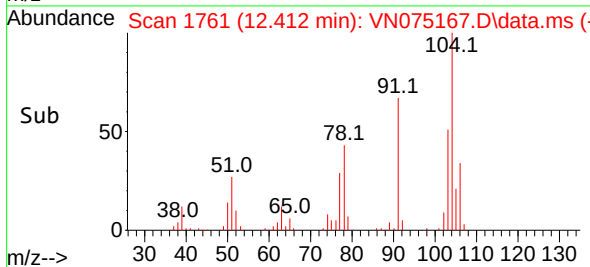
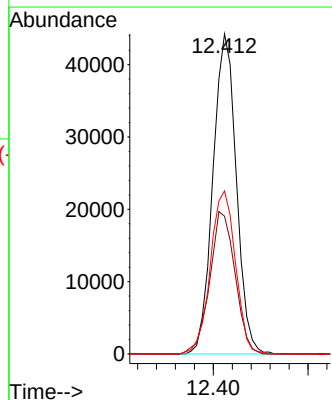
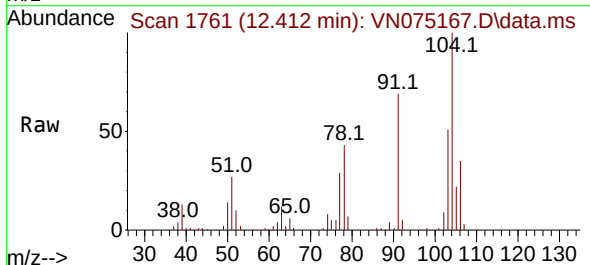
Manual Integrations
APPROVED

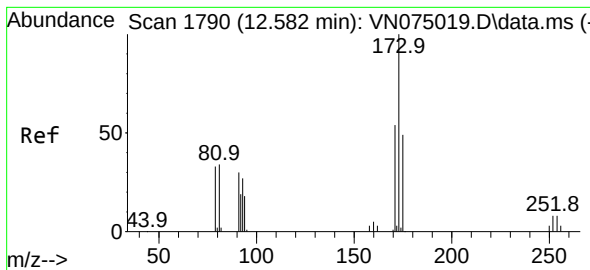
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#70
Styrene
Concen: 18.952 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075167.D
Acq: 04 Nov 2022 11:53

Tgt Ion:104 Resp: 75783
Ion Ratio Lower Upper
104 100
78 48.1 38.1 57.1
103 54.6 44.6 66.8





#71

Bromoform

Concen: 18.287 ug/l

RT: 12.576 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VN075167.D

Acq: 04 Nov 2022 11:53

Instrument :

MSVOA_N

ClientSampleId :

VN1104WBS01

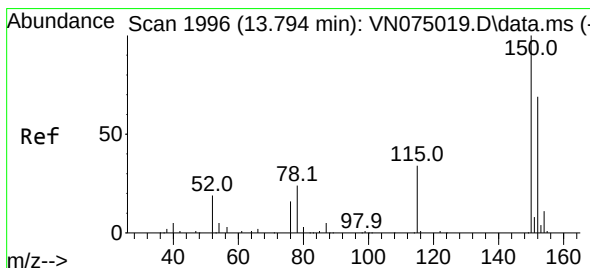
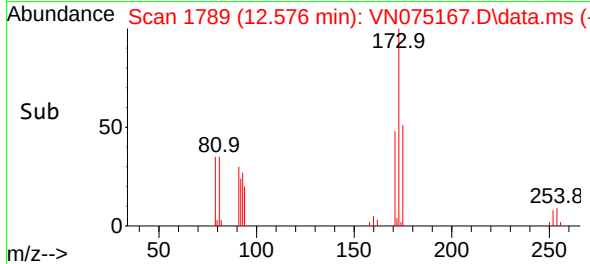
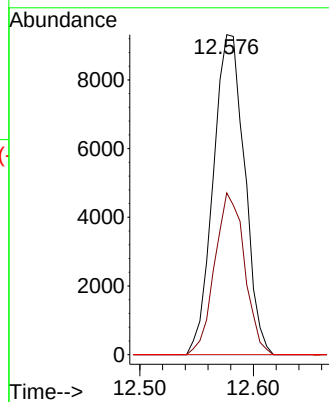
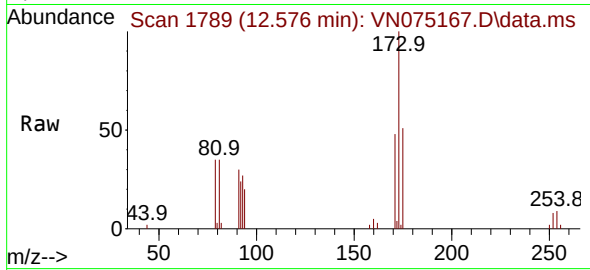
Tgt Ion:	173	Resp:	1784
Ion Ratio	Lower	Upper	
173	100		
175	48.1	24.6	74.0
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2022

Supervised By :Mahesh Dadoda 11/07/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

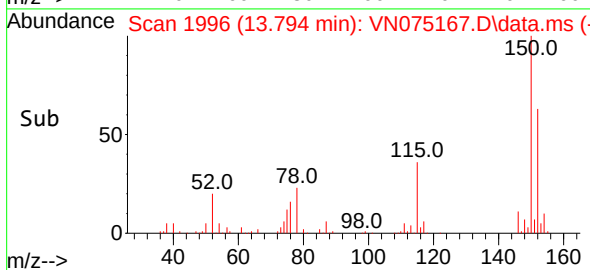
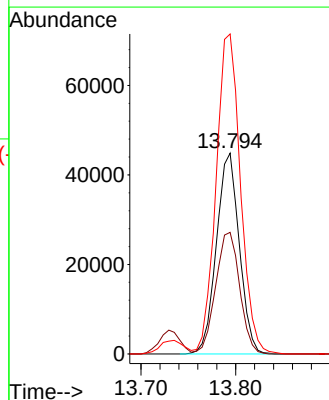
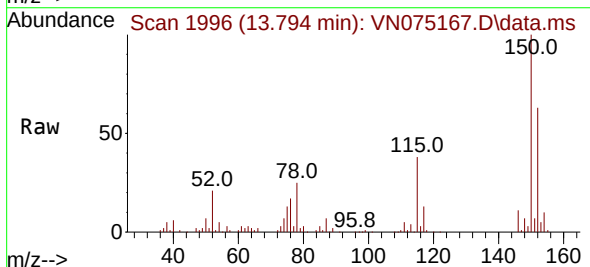
RT: 13.794 min Scan# 1996

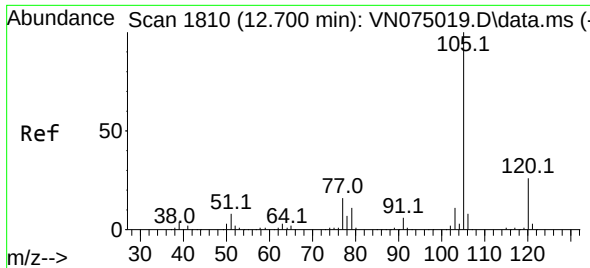
Delta R.T. 0.000 min

Lab File: VN075167.D

Acq: 04 Nov 2022 11:53

Tgt Ion:	152	Resp:	75250
Ion Ratio	Lower	Upper	
152	100		
115	63.6	30.2	90.6
150	170.1	0.0	348.4





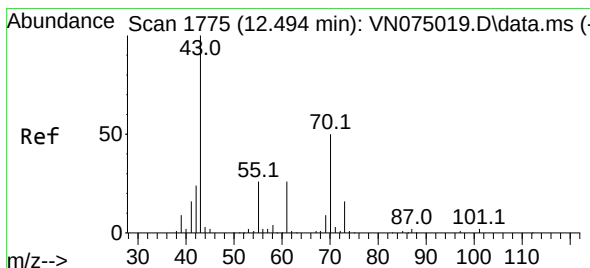
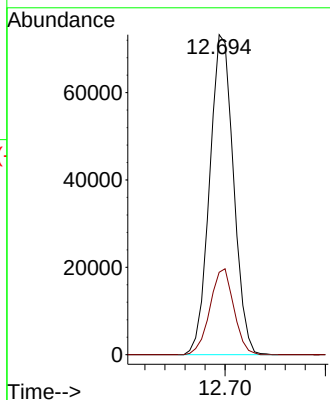
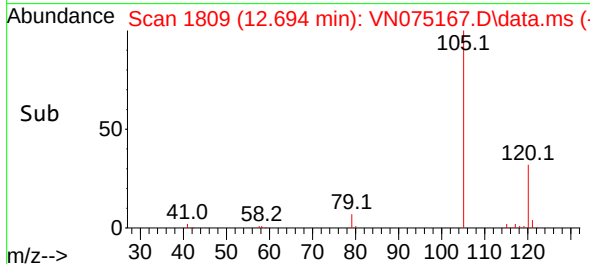
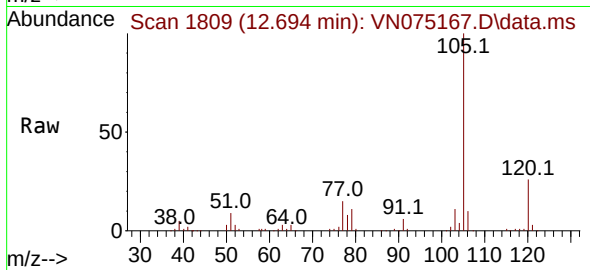
#73
Isopropylbenzene
Concen: 19.999 ug/l
RT: 12.694 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VN075167.D
Acq: 04 Nov 2022 11:53

Instrument :
MSVOA_N
ClientSampleId :
VN1104WBS01

Tgt Ion:105 Resp: 12081
Ion Ratio Lower Upper
105 100
120 26.8 13.1 39.1

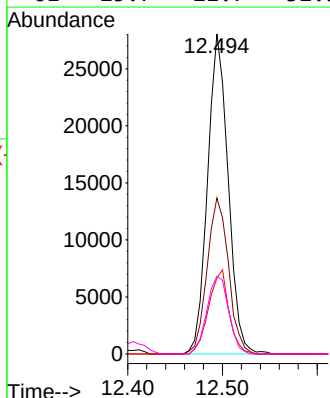
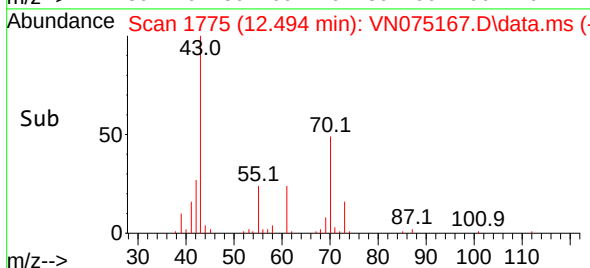
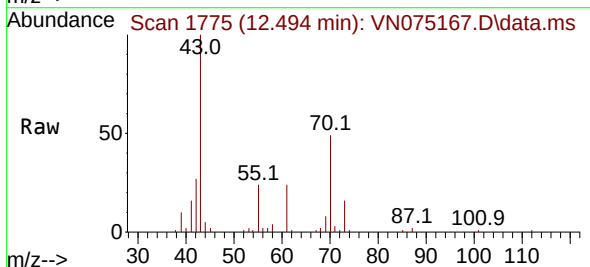
Manual Integrations
APPROVED

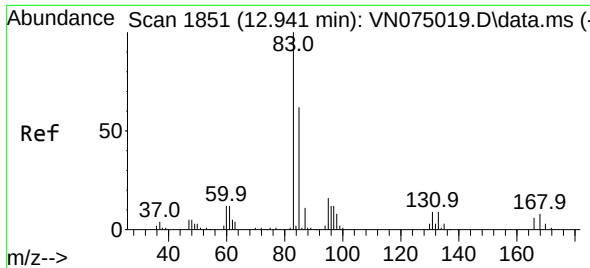
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#74
N-ethyl acetate
Concen: 18.902 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN075167.D
Acq: 04 Nov 2022 11:53

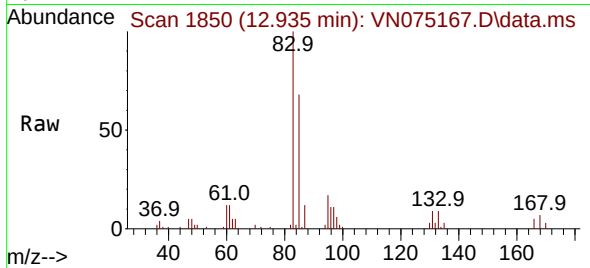
Tgt Ion: 43 Resp: 42233
Ion Ratio Lower Upper
43 100
70 50.7 39.8 59.8
55 25.9 19.9 29.9
61 25.7 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 21.228 ug/l
RT: 12.935 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VN075167.D
Acq: 04 Nov 2022 11:53

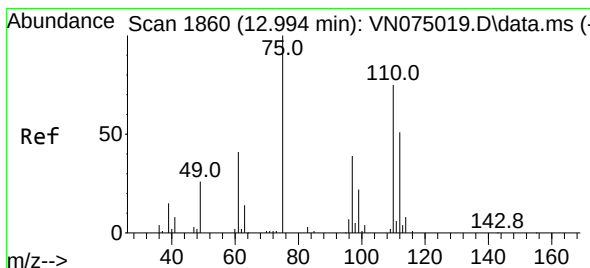
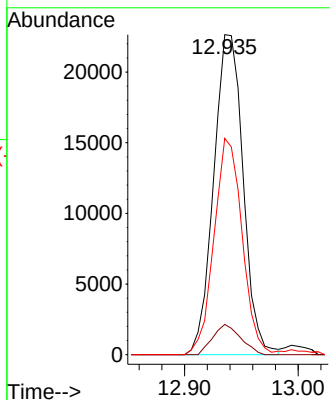
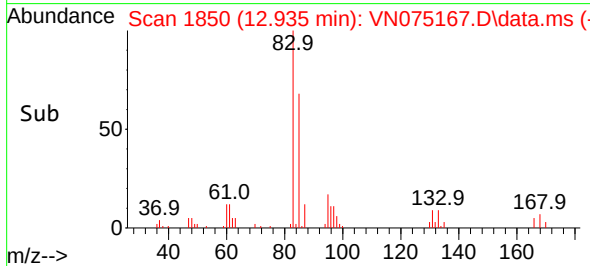
Instrument :
MSVOA_N
ClientSampleId :
VN1104WBS01



Tgt Ion: 83 Resp: 40824
Ion Ratio Lower Upper
83 100
131 8.9 5.1 15.3
85 64.8 31.6 94.7

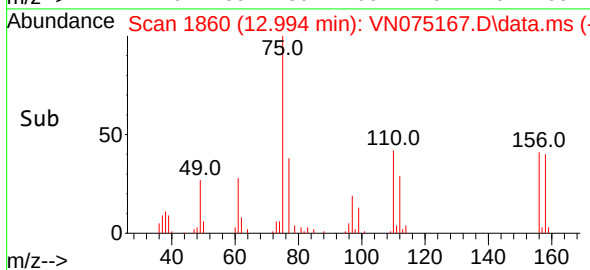
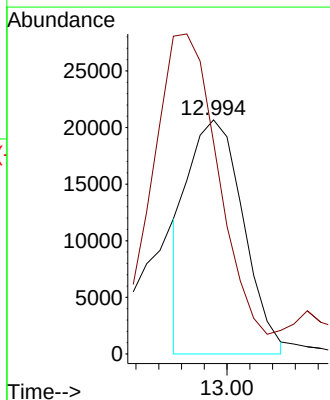
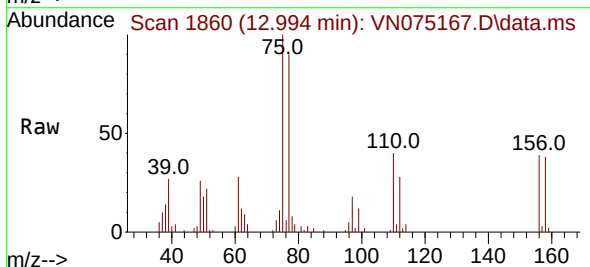
Manual Integrations
APPROVED

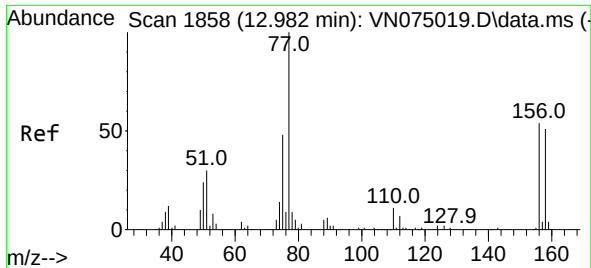
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#76
1,2,3-Trichloropropane
Concen: 21.827 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN075167.D
Acq: 04 Nov 2022 11:53

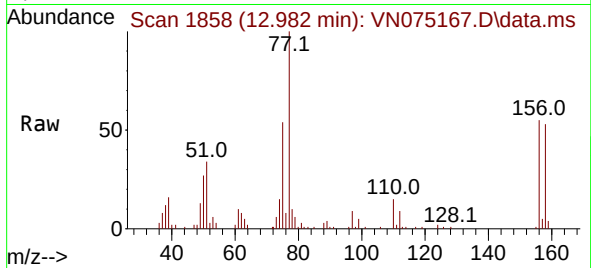
Tgt Ion: 75 Resp: 34875
Ion Ratio Lower Upper
75 100
77 169.0 75.6 226.8





#77
Bromobenzene
Concen: 19.866 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075167.D
Acq: 04 Nov 2022 11:53

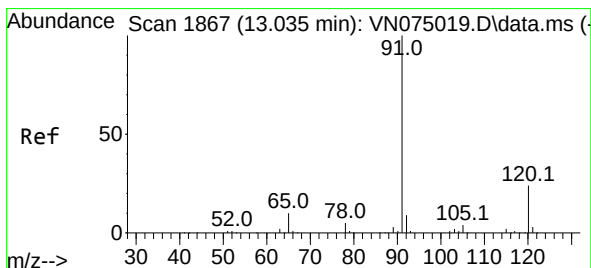
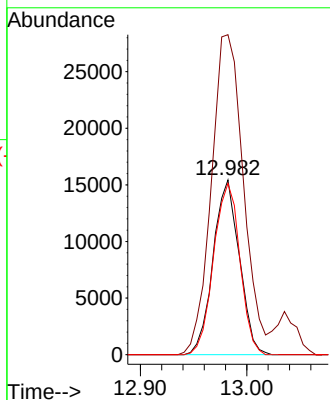
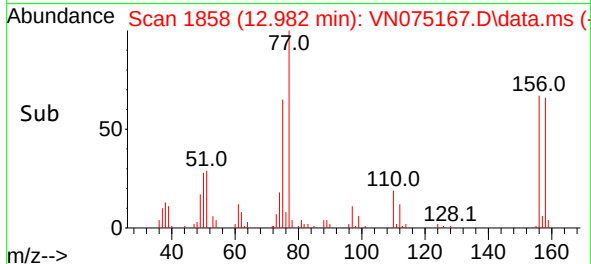
Instrument :
MSVOA_N
ClientSampleId :
VN1104WBS01



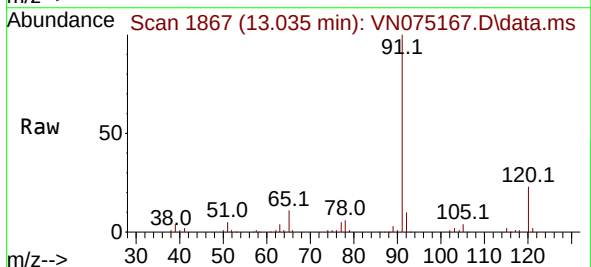
Tgt Ion:156 Resp: 26429
Ion Ratio Lower Upper
156 100
77 223.0 108.5 325.5
158 98.1 47.7 143.1

Manual Integrations
APPROVED

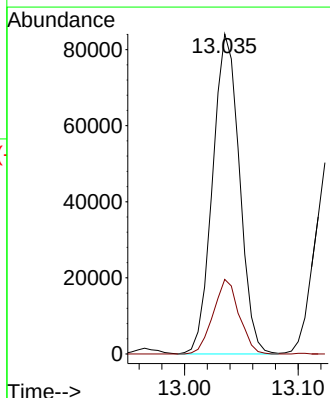
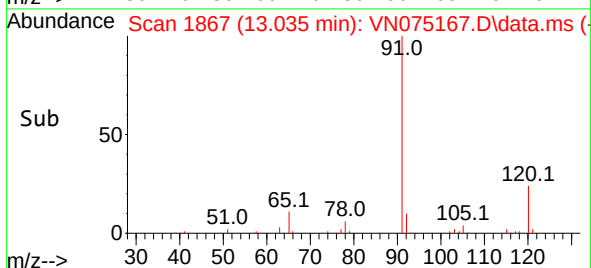
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022

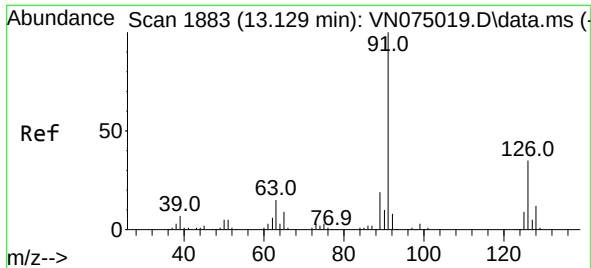


#78
n-propylbenzene
Concen: 20.369 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN075167.D
Acq: 04 Nov 2022 11:53



Tgt Ion: 91 Resp: 138156
Ion Ratio Lower Upper
91 100
120 22.4 11.9 35.5





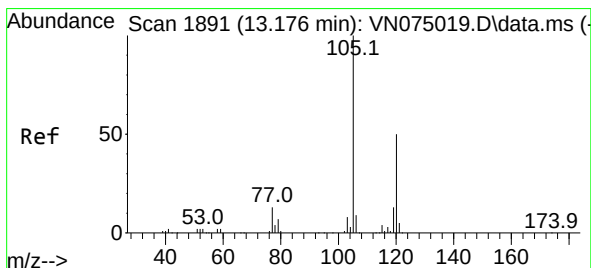
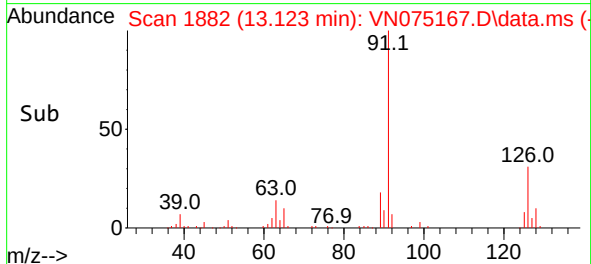
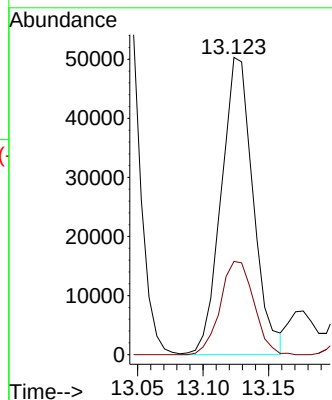
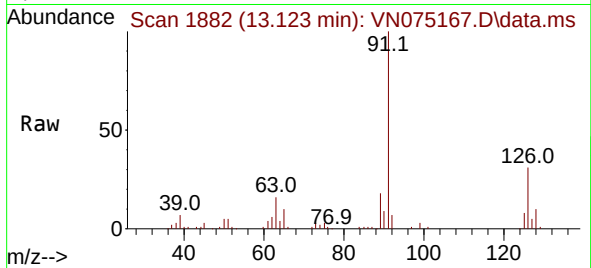
#79
2-Chlorotoluene
Concen: 20.611 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN075167.D
Acq: 04 Nov 2022 11:53

Instrument :
MSVOA_N
ClientSampleId :
VN1104WBS01

Tgt Ion: 91 Resp: 85425
Ion Ratio Lower Upper
91 100
126 32.8 16.9 50.7

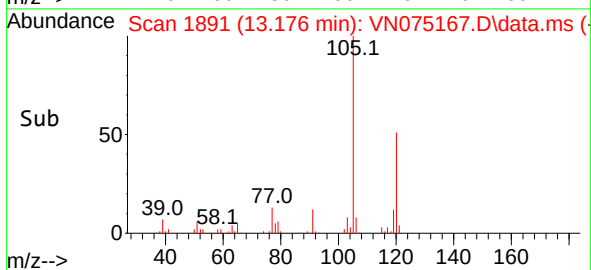
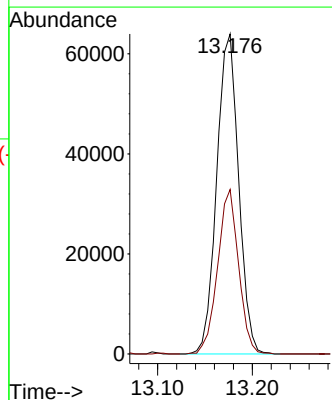
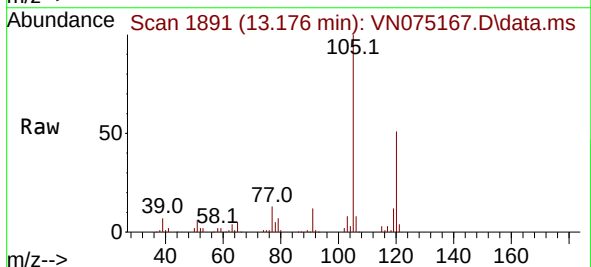
Manual Integrations
APPROVED

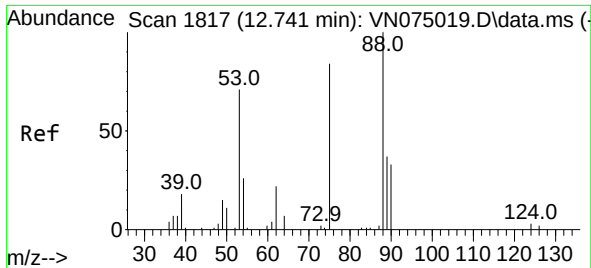
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.251 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075167.D
Acq: 04 Nov 2022 11:53

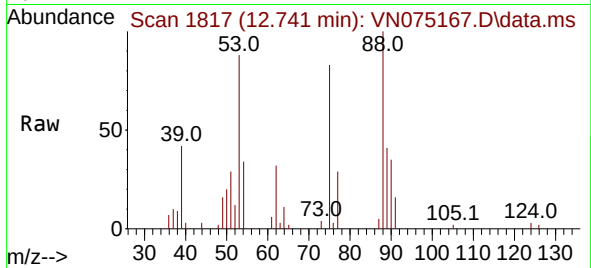
Tgt Ion:105 Resp: 102755
Ion Ratio Lower Upper
105 100
120 49.2 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 17.284 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.000 min
Lab File: VN075167.D
Acq: 04 Nov 2022 11:53

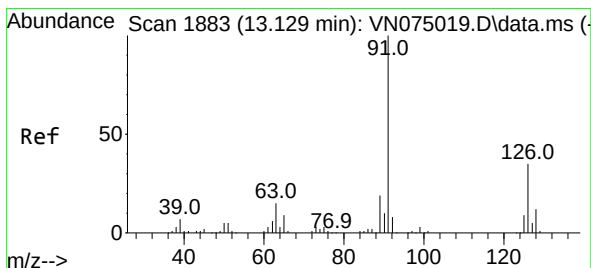
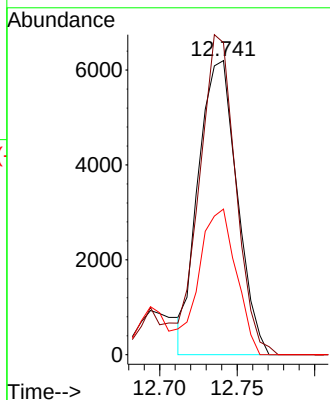
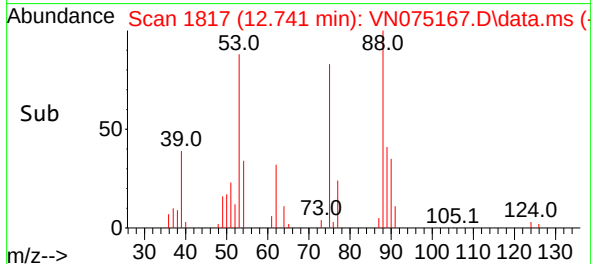
Instrument :
MSVOA_N
ClientSampleId :
VN1104WBS01



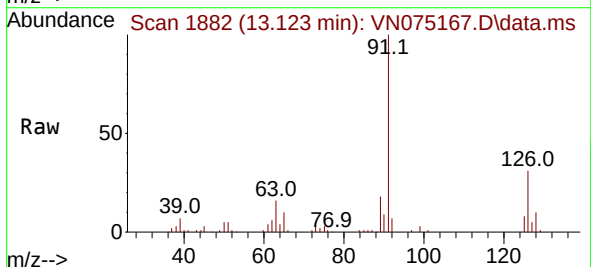
Tgt Ion: 75 Resp: 10758
Ion Ratio Lower Upper
75 100
53 100.7 78.5 117.7
89 49.0 37.7 56.5

Manual Integrations
APPROVED

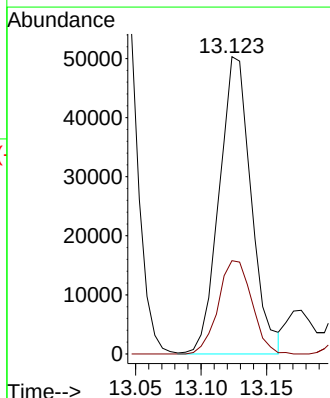
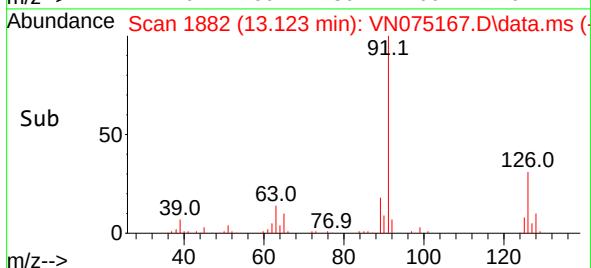
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022

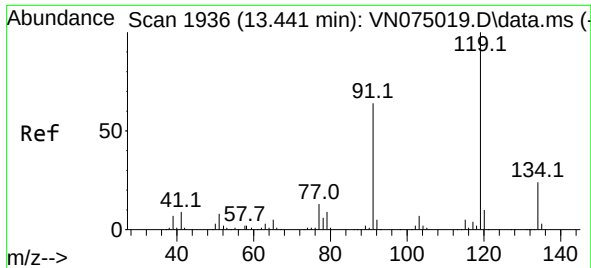


#82
4-Chlorotoluene
Concen: 20.611 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN075167.D
Acq: 04 Nov 2022 11:53



Tgt Ion: 91 Resp: 85425
Ion Ratio Lower Upper
91 100
126 32.8 16.9 50.7





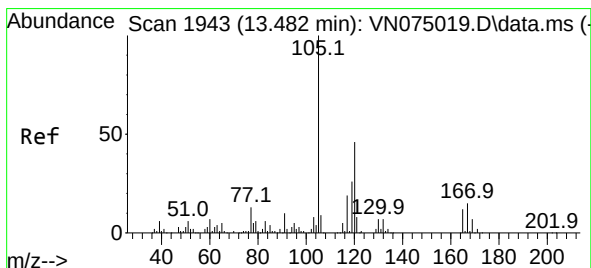
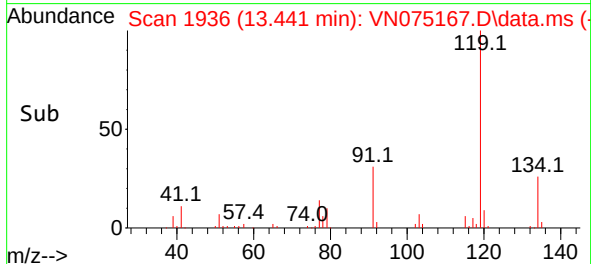
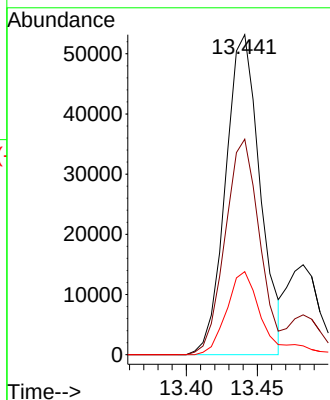
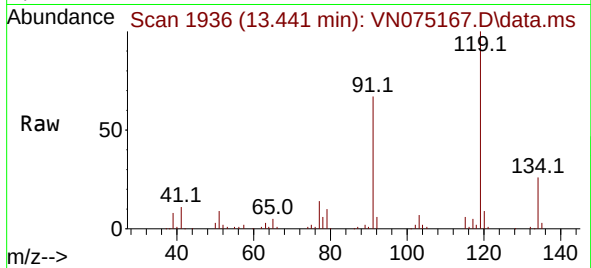
#83
tert-Butylbenzene
Concen: 19.924 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075167.D
Acq: 04 Nov 2022 11:53

Instrument :
MSVOA_N
ClientSampleId :
VN1104WBS01

Tgt Ion:119 Resp: 8983
Ion Ratio Lower Upper
119 100
91 68.7 32.8 98.4
134 26.9 12.3 36.9

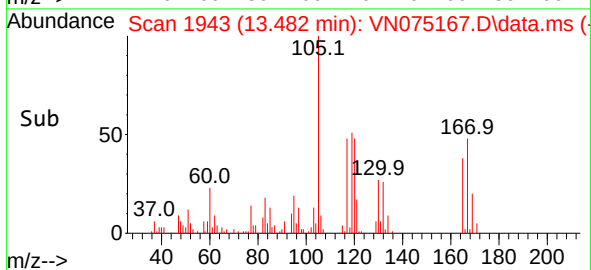
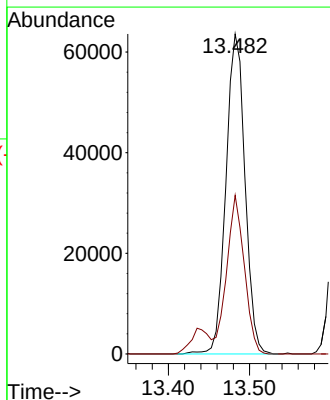
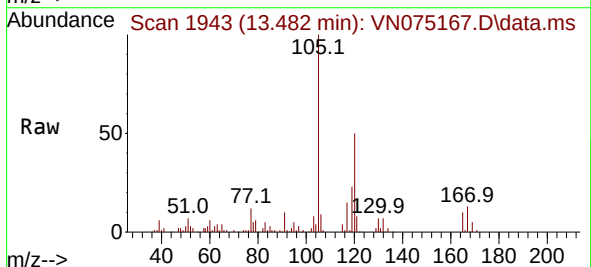
Manual Integrations
APPROVED

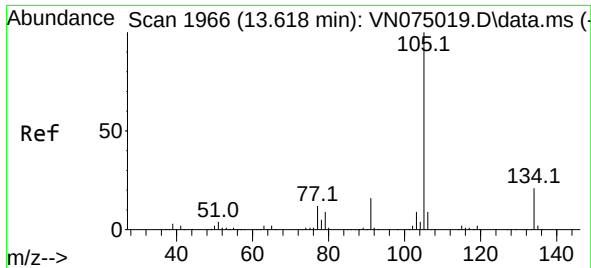
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#84
1,2,4-Trimethylbenzene
Concen: 20.195 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075167.D
Acq: 04 Nov 2022 11:53

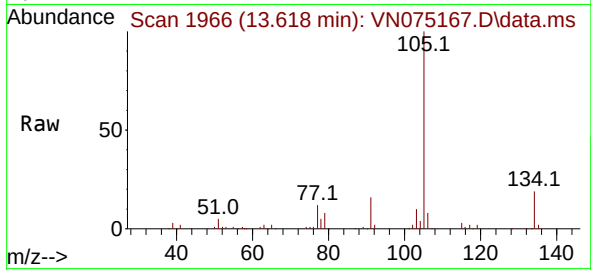
Tgt Ion:105 Resp: 103678
Ion Ratio Lower Upper
105 100
120 46.1 22.7 68.1





#85
 sec-Butylbenzene
 Concen: 20.433 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN075167.D
 Acq: 04 Nov 2022 11:53

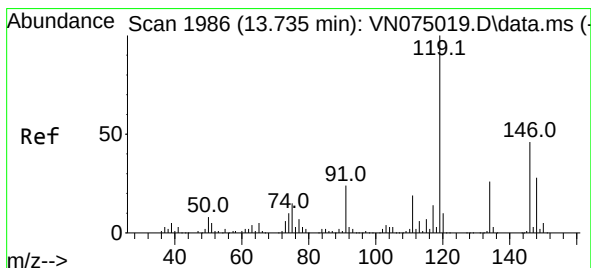
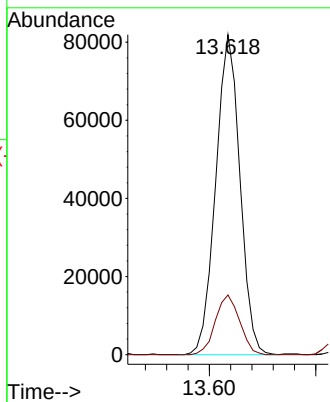
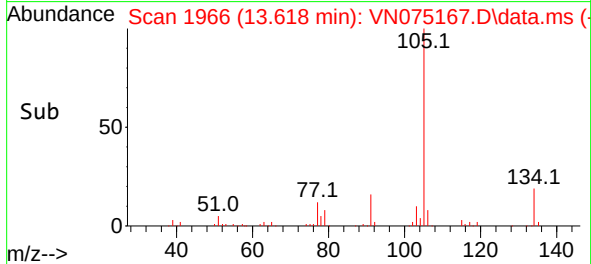
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1104WBS01



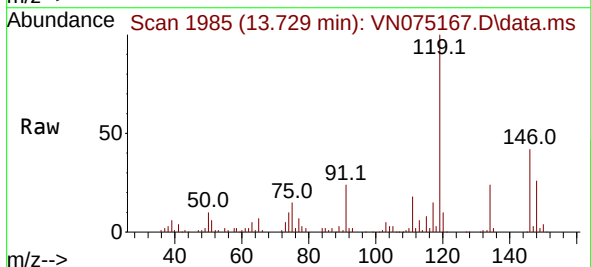
Tgt Ion:105 Resp: 128878
 Ion Ratio Lower Upper
 105 100
 134 18.7 10.2 30.6

Manual Integrations
 APPROVED

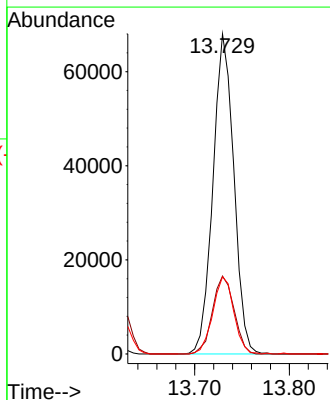
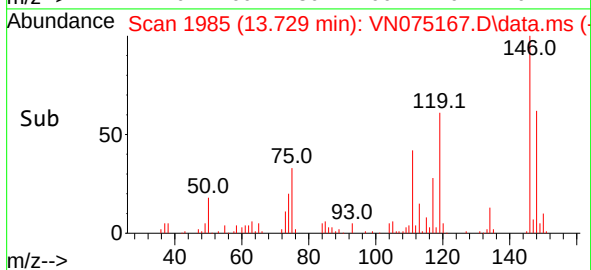
Reviewed By :John Carlone 11/07/2022
 Supervised By :Mahesh Dadoda 11/07/2022

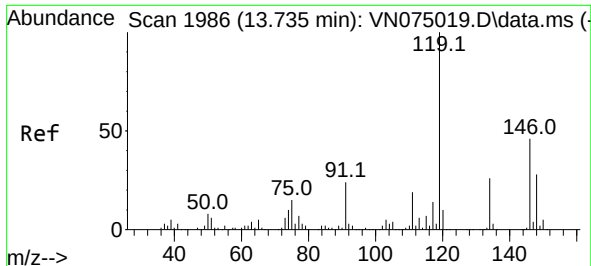


#86
 p-Isopropyltoluene
 Concen: 19.987 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.006 min
 Lab File: VN075167.D
 Acq: 04 Nov 2022 11:53



Tgt Ion:119 Resp: 104114
 Ion Ratio Lower Upper
 119 100
 134 25.1 13.1 39.3
 91 24.2 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 20.193 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN075167.D

Acq: 04 Nov 2022 11:53

Instrument :

MSVOA_N

ClientSampleId :

VN1104WBS01

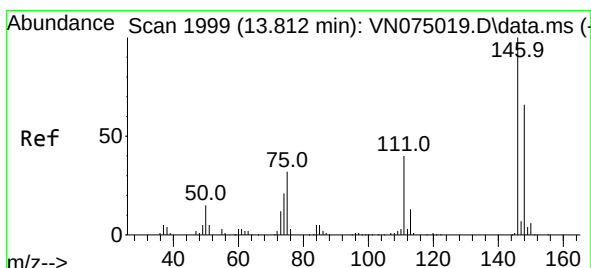
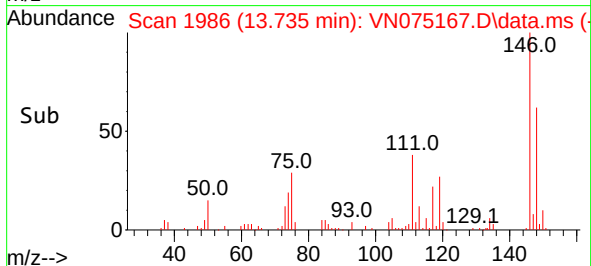
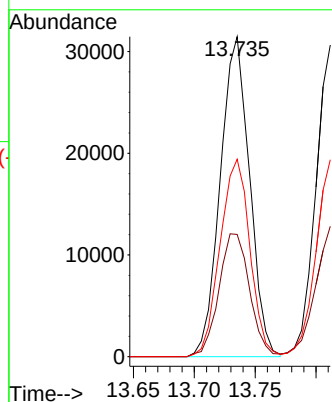
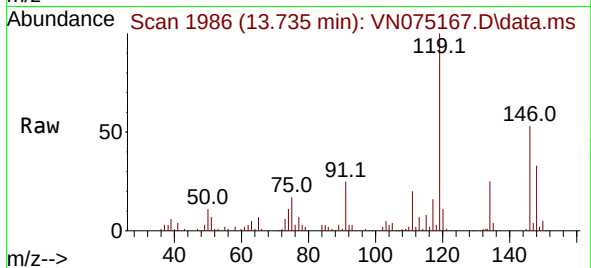
Tgt Ion:146 Resp: 52592
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.8 62.5
 148 63.0 31.1 93.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2022

Supervised By :Mahesh Dadoda 11/07/2022



#88

1,4-Dichlorobenzene

Concen: 20.043 ug/l

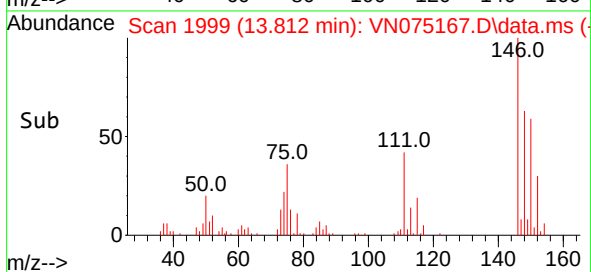
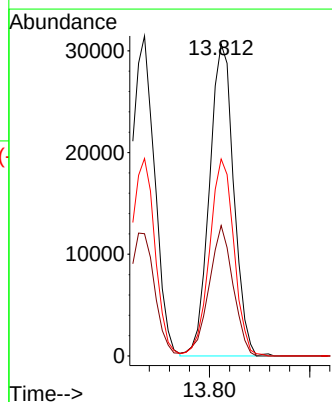
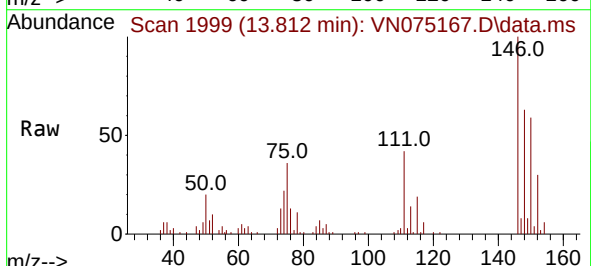
RT: 13.812 min Scan# 1999

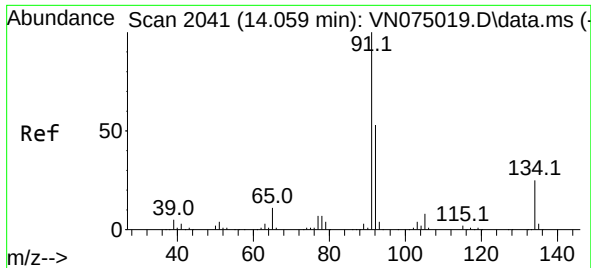
Delta R.T. -0.000 min

Lab File: VN075167.D

Acq: 04 Nov 2022 11:53

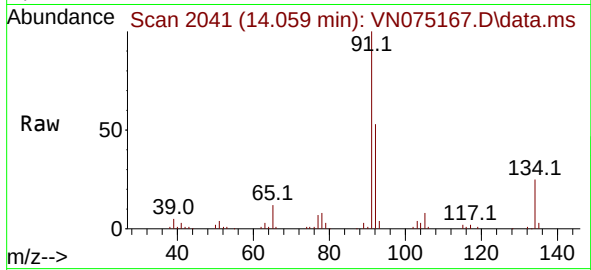
Tgt Ion:146 Resp: 51662
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.1 60.3
 148 63.5 31.9 95.7





#89
n-Butylbenzene
Concen: 20.016 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075167.D
Acq: 04 Nov 2022 11:53

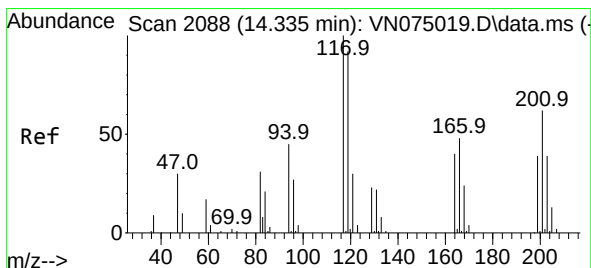
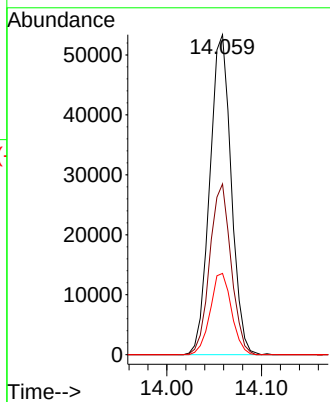
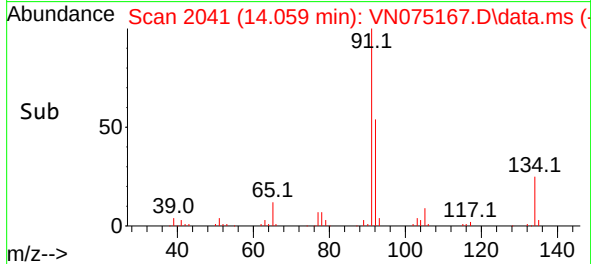
Instrument :
MSVOA_N
ClientSampleId :
VN1104WBS01



Tgt Ion: 91 Resp: 8396
Ion Ratio Lower Upper
91 100
92 53.1 26.5 79.4
134 25.4 13.0 39.0

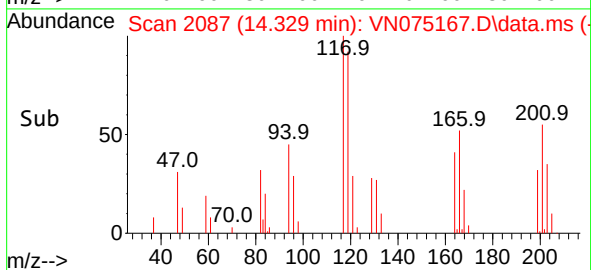
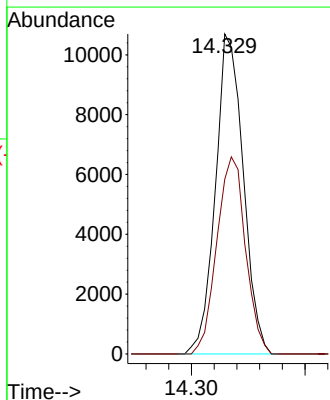
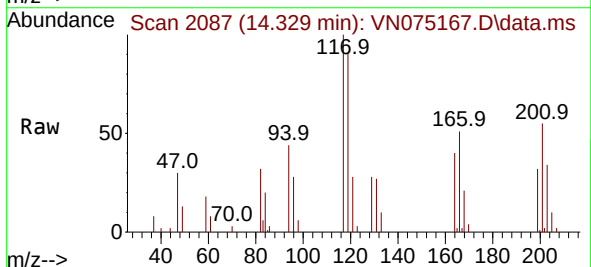
Manual Integrations
APPROVED

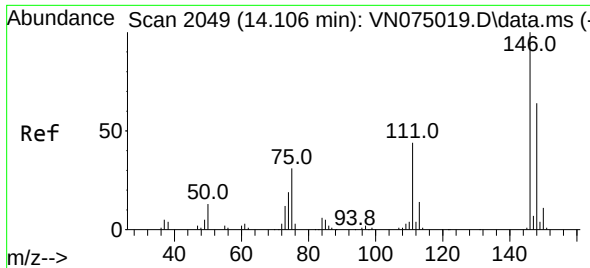
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#90
Hexachloroethane
Concen: 19.033 ug/l
RT: 14.329 min Scan# 2087
Delta R.T. -0.006 min
Lab File: VN075167.D
Acq: 04 Nov 2022 11:53

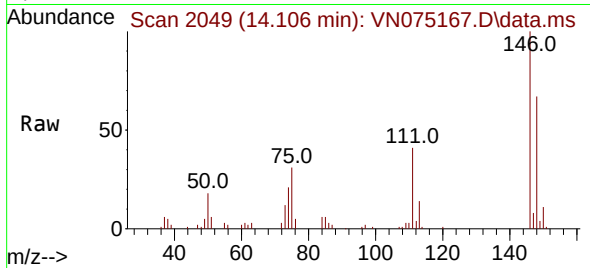
Tgt Ion:117 Resp: 18178
Ion Ratio Lower Upper
117 100
201 63.5 31.5 94.5





#91
1,2-Dichlorobenzene
Concen: 20.582 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075167.D
Acq: 04 Nov 2022 11:53

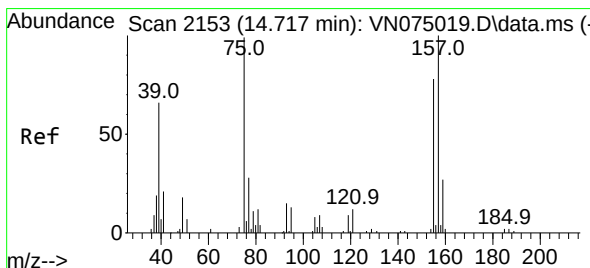
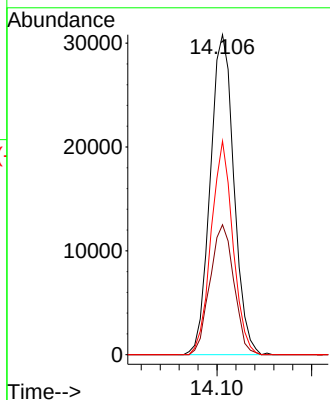
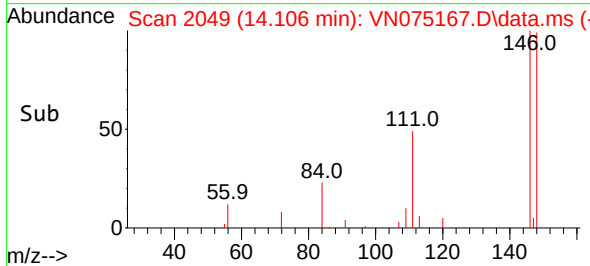
Instrument :
MSVOA_N
ClientSampleId :
VN1104WBS01



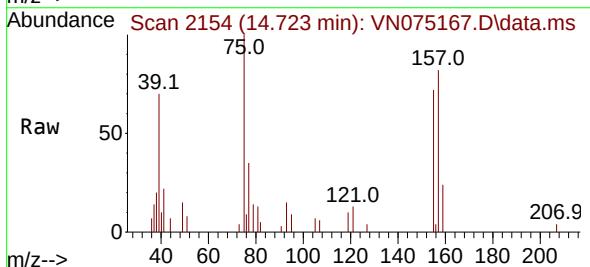
Tgt Ion:146 Resp: 53292
Ion Ratio Lower Upper
146 100
111 41.2 21.3 63.9
148 61.6 31.4 94.2

Manual Integrations
APPROVED

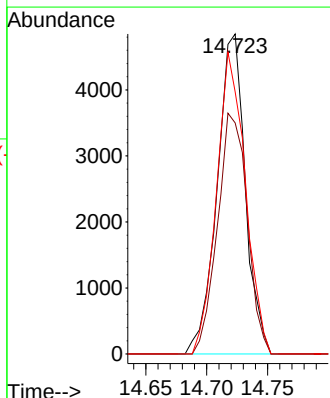
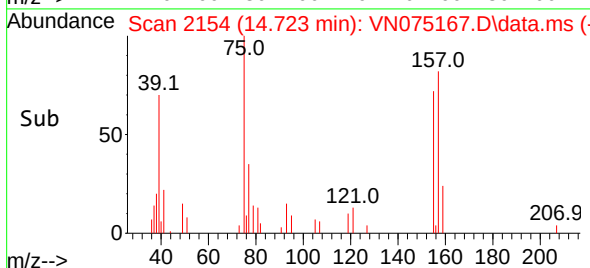
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022

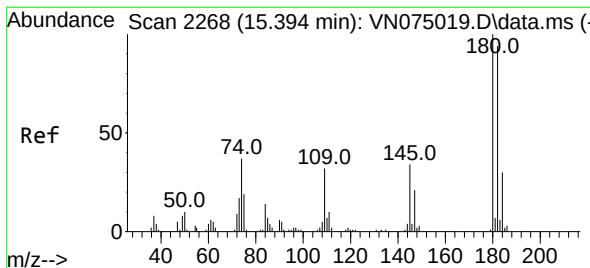


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.141 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.006 min
Lab File: VN075167.D
Acq: 04 Nov 2022 11:53



Tgt Ion: 75 Resp: 7800
Ion Ratio Lower Upper
75 100
155 79.4 42.1 126.3
157 96.5 51.7 155.1





#93

1,2,4-Trichlorobenzene

Concen: 20.337 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. -0.000 min

Lab File: VN075167.D

Acq: 04 Nov 2022 11:53

Instrument :

MSVOA_N

ClientSampleId :

VN1104WBS01

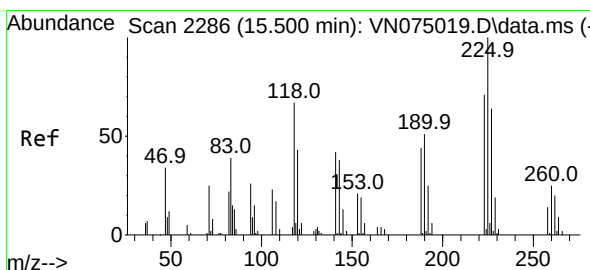
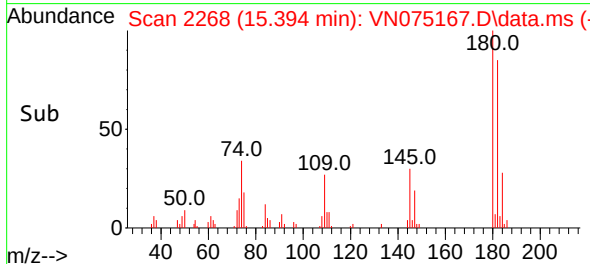
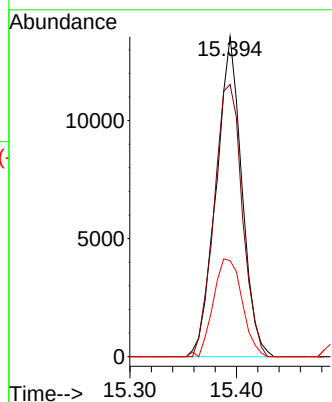
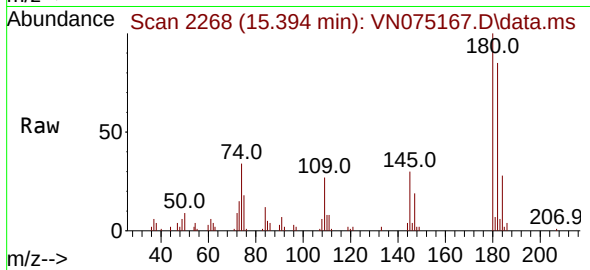
Tgt Ion:	180	Resp:	2265
Ion Ratio	Lower	Upper	
180	100		
182	93.8	47.8	143.4
145	34.2	16.8	50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2022

Supervised By :Mahesh Dadoda 11/07/2022



#94

Hexachlorobutadiene

Concen: 20.913 ug/l

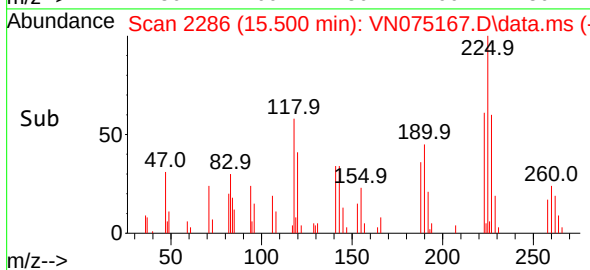
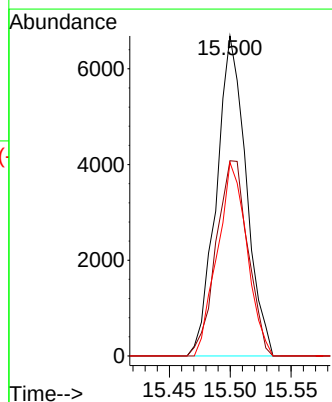
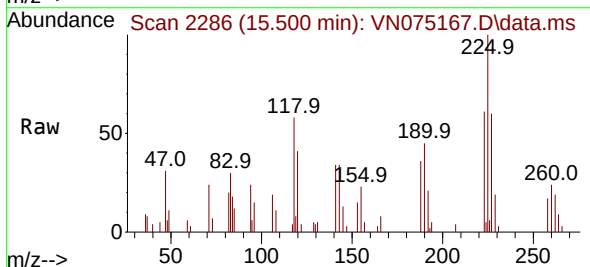
RT: 15.500 min Scan# 2286

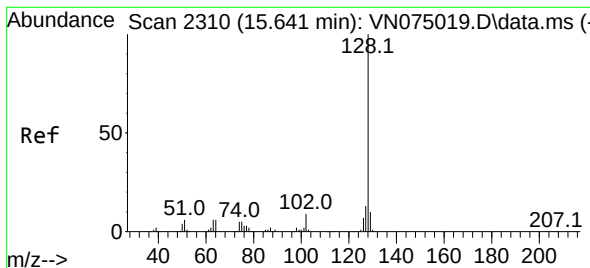
Delta R.T. -0.000 min

Lab File: VN075167.D

Acq: 04 Nov 2022 11:53

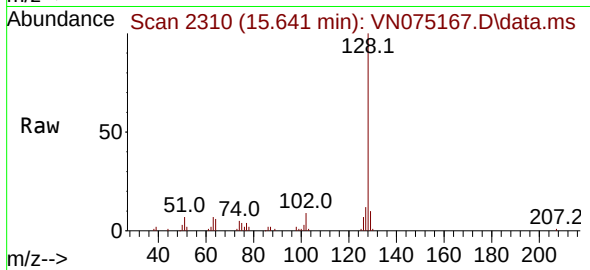
Tgt Ion:	225	Resp:	11359
Ion Ratio	Lower	Upper	
225	100		
223	65.1	32.3	96.9
227	60.2	32.0	96.2





#95
Naphthalene
Concen: 19.091 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075167.D
Acq: 04 Nov 2022 11:53

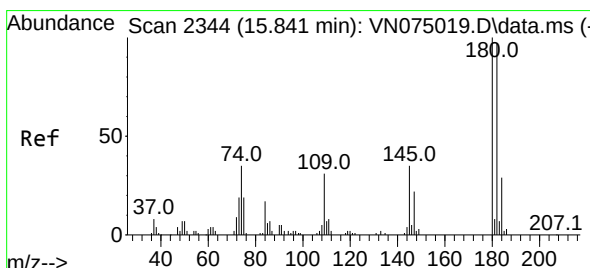
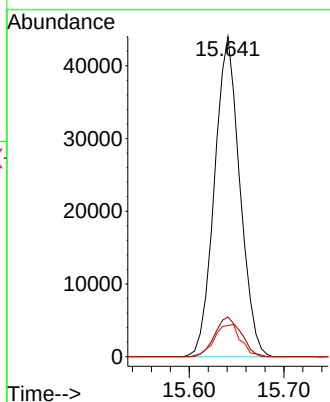
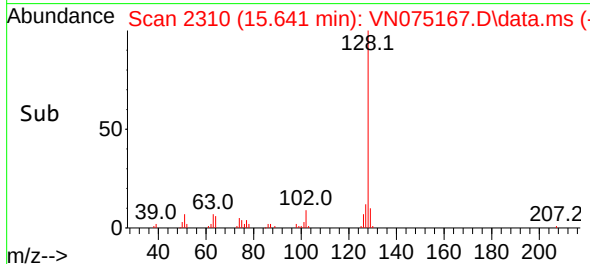
Instrument :
MSVOA_N
ClientSampleId :
VN1104WBS01



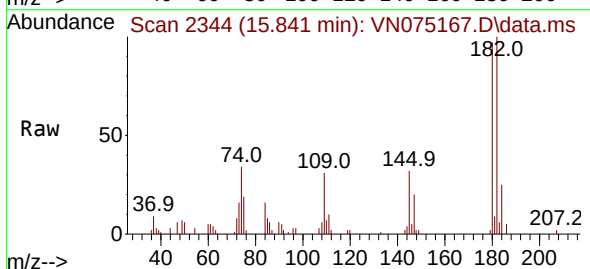
Tgt Ion:128 Resp: 8180
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.4 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#96
1,2,3-Trichlorobenzene
Concen: 20.315 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075167.D
Acq: 04 Nov 2022 11:53



Tgt Ion:180 Resp: 22490
Ion Ratio Lower Upper
180 100
182 95.2 47.3 141.8
145 34.6 17.6 52.9

