

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111822\
 Data File : VN075308.D
 Acq On : 18 Nov 2022 12:19
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/21/2022
 Supervised By : Mahesh Dadoda 11/21/2022

Quant Time: Nov 18 13:31:33 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	8.229	168	125465	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	209324	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	199472	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	110207	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	68868	40.738	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	81.480%		
35) Dibromofluoromethane	8.165	113	63205	51.435	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.860%		
50) Toluene-d8	10.565	98	221740	46.510	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.020%		
62) 4-Bromofluorobenzene	12.847	95	87101	52.008	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.020%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	70407	43.138	ug/l	99
3) Chloromethane	2.371	50	72649	41.905	ug/l	100
4) Vinyl Chloride	2.524	62	99327	40.161	ug/l	95
5) Bromomethane	2.924	94	100521	57.509	ug/l	96
6) Chloroethane	3.100	64	73490	41.439	ug/l	99
7) Trichlorofluoromethane	3.495	101	136904	54.188	ug/l	99
8) Diethyl Ether	3.977	74	48984	53.156	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.377	101	77378	55.458	ug/l	96
10) Methyl Iodide	4.594	142	114962	55.346	ug/l	98
11) Tert butyl alcohol	5.541	59	86192	218.634	ug/l	99
12) 1,1-Dichloroethene	4.347	96	71167	53.511	ug/l	92
13) Acrolein	4.183	56	86218	267.378	ug/l	97
14) Allyl chloride	5.036	41	101283	52.143	ug/l	95
15) Acrylonitrile	5.730	53	212696	255.405	ug/l	98
16) Acetone	4.442	43	206198	288.068	ug/l	97
17) Carbon Disulfide	4.718	76	169638	50.722	ug/l	98
18) Methyl Acetate	5.036	43	117481	50.246	ug/l	96
19) Methyl tert-butyl Ether	5.800	73	255802	51.749	ug/l	98
20) Methylene Chloride	5.283	84	84213	52.766	ug/l	94
21) trans-1,2-Dichloroethene	5.788	96	79912	54.878	ug/l	98
22) Diisopropyl ether	6.683	45	228486	53.303	ug/l	97
23) Vinyl Acetate	6.612	43	785795	219.525	ug/l	100
24) 1,1-Dichloroethane	6.577	63	142709	52.639	ug/l	99
25) 2-Butanone	7.488	43	290439	257.967	ug/l	100
26) 2,2-Dichloropropane	7.494	77	125178	50.191	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	97744	56.208	ug/l	95
28) Bromochloromethane	7.818	49	51124	44.734	ug/l	92
29) Tetrahydrofuran	7.841	42	179875	247.240	ug/l	99
30) Chloroform	7.971	83	158148	53.728	ug/l	99
31) Cyclohexane	8.259	56	125465	49.902	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	148059	55.390	ug/l	97
36) 1,1-Dichloropropene	8.371	75	118795	62.443	ug/l	99
37) Ethyl Acetate	7.565	43	107827	51.681	ug/l	99
38) Carbon Tetrachloride	8.365	117	126807	60.595	ug/l	94
39) Methylcyclohexane	9.600	83	151395	60.279	ug/l	100
40) Benzene	8.606	78	351816	60.397	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111822\
 Data File : VN075308.D
 Acq On : 18 Nov 2022 12:19
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022

Quant Time: Nov 18 13:31:33 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	7.782	41	60035	60.060	ug/l	95
42) 1,2-Dichloroethane	8.671	62	119898	56.575	ug/l	97
43) Isopropyl Acetate	8.688	43	175111	54.109	ug/l	99
44) Trichloroethene	9.353	130	93473	63.960	ug/l	96
45) 1,2-Dichloropropane	9.624	63	85397	61.603	ug/l	97
46) Dibromomethane	9.712	93	64926	60.116	ug/l	95
47) Bromodichloromethane	9.888	83	126870	60.661	ug/l	97
48) Methyl methacrylate	9.682	41	79409	53.491	ug/l	97
49) 1,4-Dioxane	9.694	88	45837	1179.120	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	565210	270.646	ug/l	98
52) Toluene	10.629	92	235400	60.454	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	131671	59.646	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	142514	60.866	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	93370	60.475	ug/l	92
56) Ethyl methacrylate	10.876	69	135044	57.341	ug/l	98
57) 1,3-Dichloropropane	11.165	76	151688	58.995	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	221771	243.577	ug/l	99
59) 2-Hexanone	11.194	43	426861	269.312	ug/l	98
60) Dibromochloromethane	11.359	129	102018	62.629	ug/l	98
61) 1,2-Dibromoethane	11.470	107	97296	61.492	ug/l	99
64) Tetrachloroethene	11.106	164	88128	72.063	ug/l	90
65) Chlorobenzene	11.888	112	251849	59.150	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	96979	61.400	ug/l	97
67) Ethyl Benzene	11.965	91	461448	60.239	ug/l	97
68) m/p-Xylenes	12.070	106	376832	122.599	ug/l	100
69) o-Xylene	12.400	106	182023	59.882	ug/l	98
70) Styrene	12.412	104	306148	63.165	ug/l	98
71) Bromoform	12.576	173	79734	67.426	ug/l #	100
73) Isopropylbenzene	12.694	105	476631	53.871	ug/l	98
74) N-amyl acetate	12.494	43	154864	47.326	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	143443	56.590	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	122829m	52.491	ug/l	
77) Bromobenzene	12.982	156	116572	59.838	ug/l	87
78) n-propylbenzene	13.035	91	564952	56.874	ug/l	100
79) 2-Chlorotoluene	13.123	91	329882	54.345	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	416345	56.026	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	44771	49.114	ug/l	96
82) 4-Chlorotoluene	13.123	91	329882	54.345	ug/l	97
83) tert-Butylbenzene	13.441	119	369353	55.936	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	422978	56.256	ug/l	99
85) sec-Butylbenzene	13.617	105	526320	56.978	ug/l	99
86) p-Isopropyltoluene	13.729	119	458199	60.062	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	233152	61.125	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	229467	60.786	ug/l	98
89) n-Butylbenzene	14.059	91	387902	63.142	ug/l	99
90) Hexachloroethane	14.335	117	75778	54.176	ug/l	85
91) 1,2-Dichlorobenzene	14.106	146	226422	59.710	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	30755	51.534	ug/l	89
93) 1,2,4-Trichlorobenzene	15.394	180	124980	76.592	ug/l	99
94) Hexachlorobutadiene	15.500	225	62646	78.751	ug/l	98
95) Naphthalene	15.641	128	393321	62.679	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	120971	74.612	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111822\
Data File : VN075308.D
Acq On : 18 Nov 2022 12:19
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

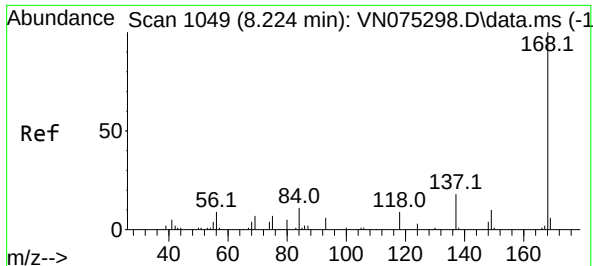
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

Quant Time: Nov 18 13:31:33 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

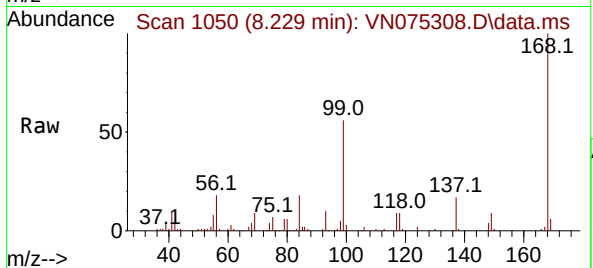
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1049
Delta R.T. -0.001 min
Lab File: VN075308.D
Acq: 18 Nov 2022 12:19

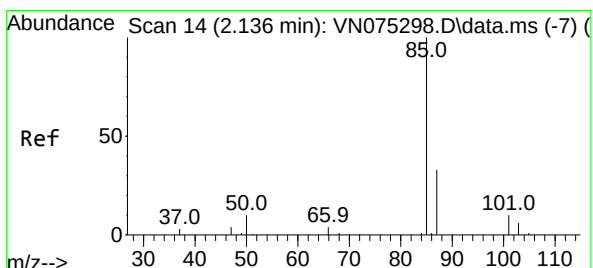
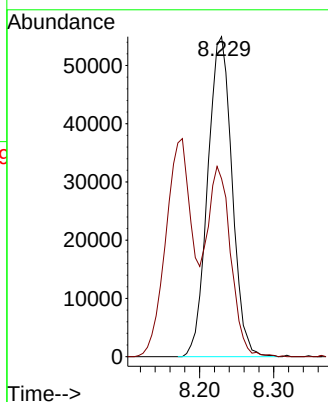
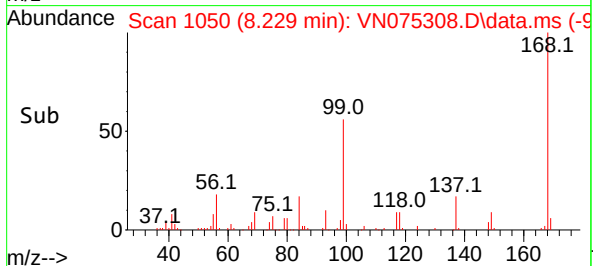
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 12546
Ion Ratio Lower Upper
168 100
99 55.6 51.6 77.4

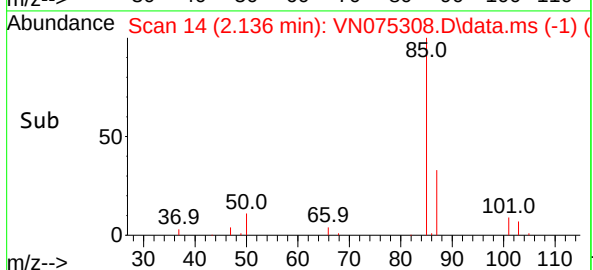
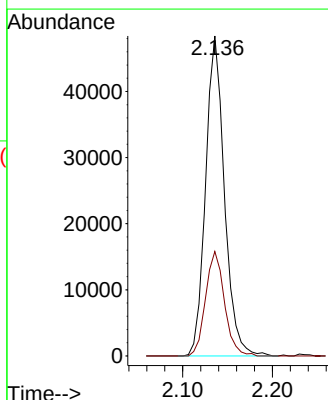
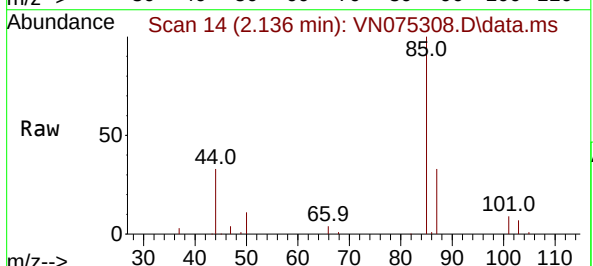
Manual Integrations
APPROVED

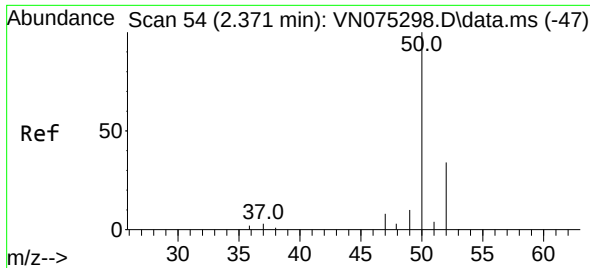
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#2
Dichlorodifluoromethane
Concen: 43.138 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075308.D
Acq: 18 Nov 2022 12:19

Tgt Ion: 85 Resp: 70407
Ion Ratio Lower Upper
85 100
87 32.7 16.7 50.0





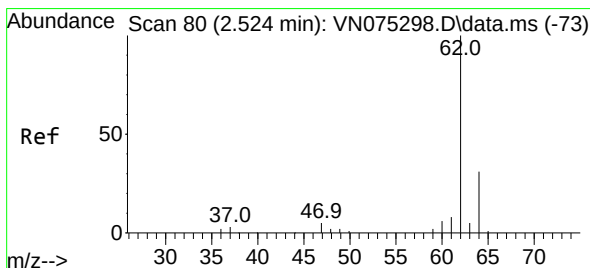
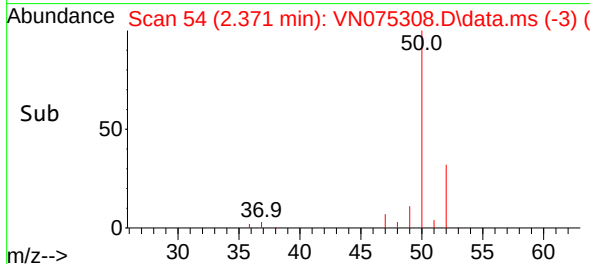
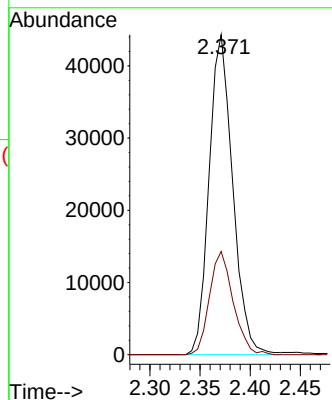
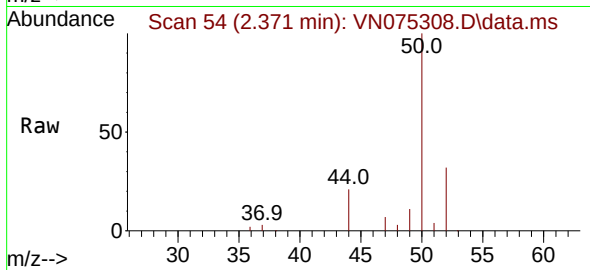
#3
Chloromethane
Concen: 41.905 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075308.D
Acq: 18 Nov 2022 12:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 72649
Ion Ratio Lower Upper
50 100
52 32.3 25.8 38.6

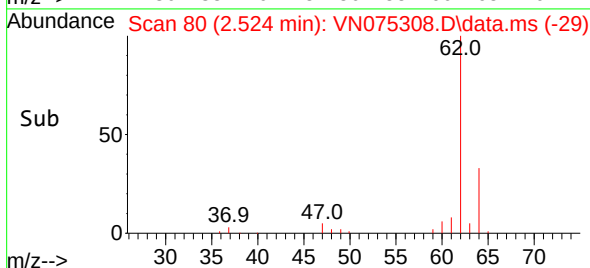
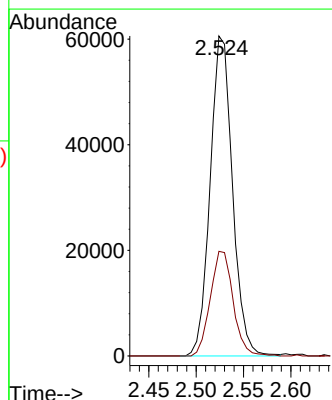
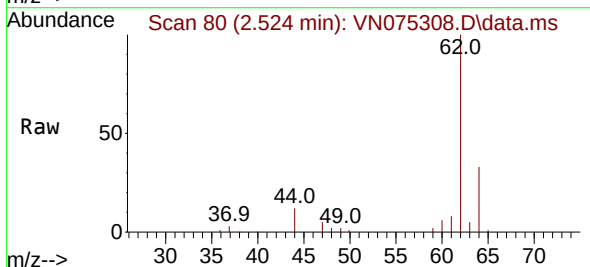
Manual Integrations
APPROVED

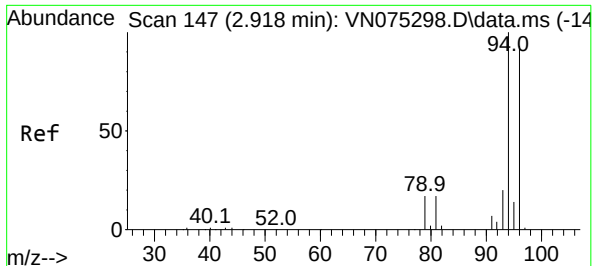
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#4
Vinyl Chloride
Concen: 40.161 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075308.D
Acq: 18 Nov 2022 12:19

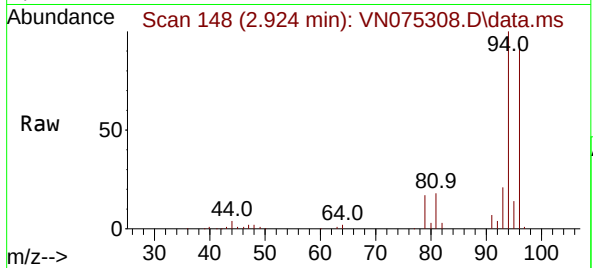
Tgt Ion: 62 Resp: 99327
Ion Ratio Lower Upper
62 100
64 32.7 24.0 36.0





#5
Bromomethane
Concen: 57.509 ug/l
RT: 2.924 min Scan# 147
Delta R.T. 0.006 min
Lab File: VN075308.D
Acq: 18 Nov 2022 12:19

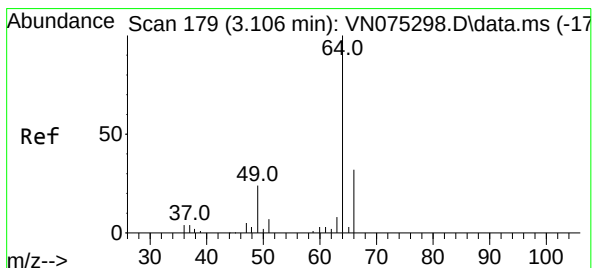
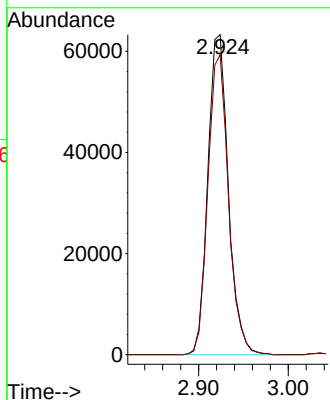
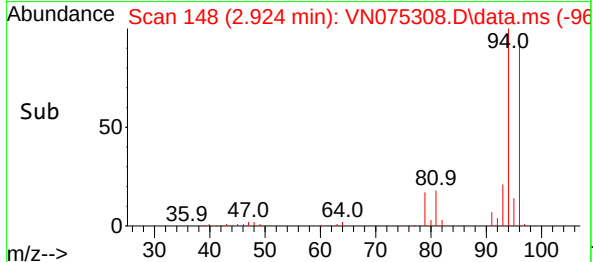
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 94 Resp: 10052
Ion Ratio Lower Upper
94 100
96 93.7 71.8 107.6

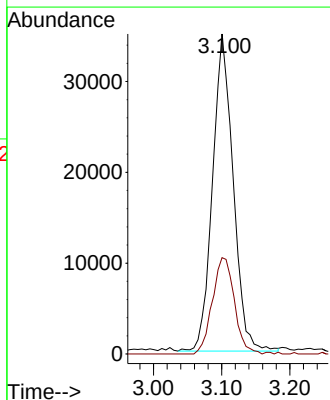
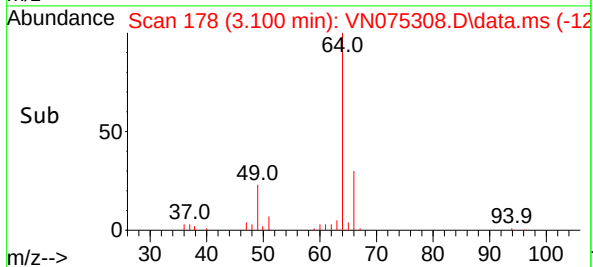
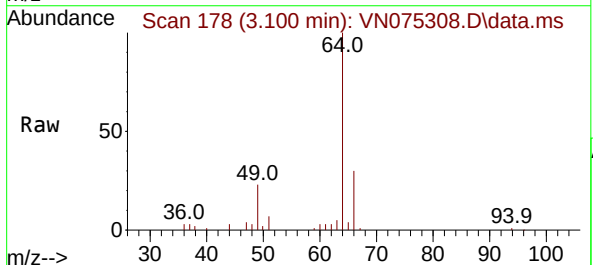
Manual Integrations
APPROVED

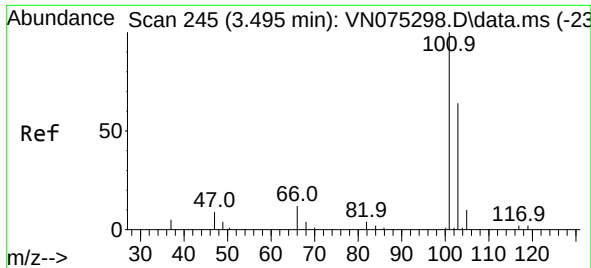
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#6
Chloroethane
Concen: 41.439 ug/l
RT: 3.100 min Scan# 178
Delta R.T. 0.005 min
Lab File: VN075308.D
Acq: 18 Nov 2022 12:19

Tgt Ion: 64 Resp: 73490
Ion Ratio Lower Upper
64 100
66 30.4 23.8 35.8





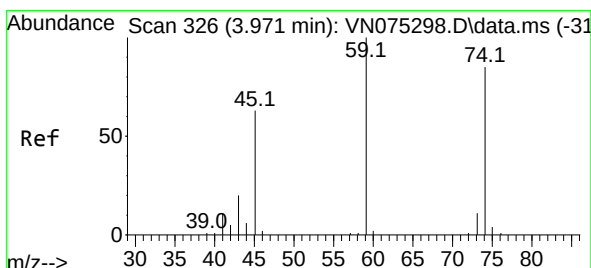
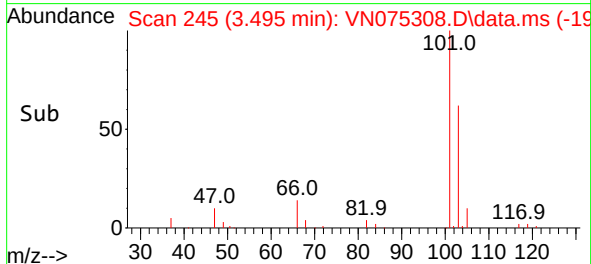
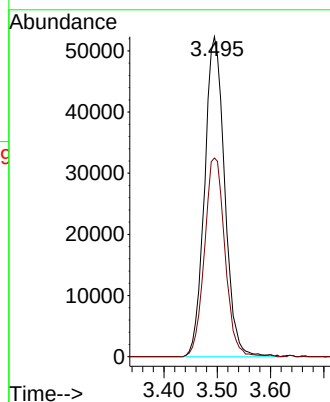
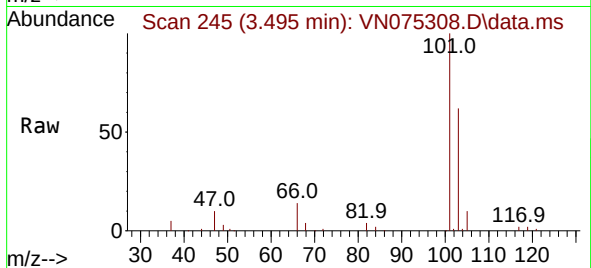
#7
Trichlorofluoromethane
Concen: 54.188 ug/l
RT: 3.495 min Scan# 245
Delta R.T. 0.006 min
Lab File: VN075308.D
Acq: 18 Nov 2022 12:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 136904
Ion Ratio Lower Upper
101 100
103 62.1 50.5 75.7

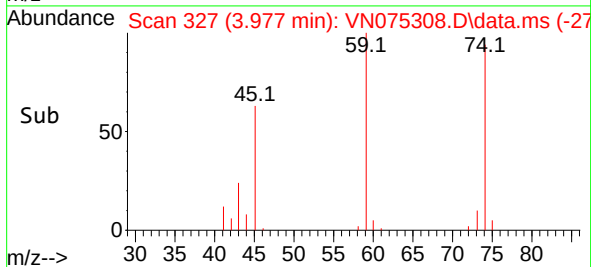
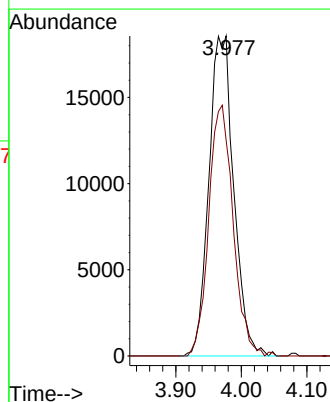
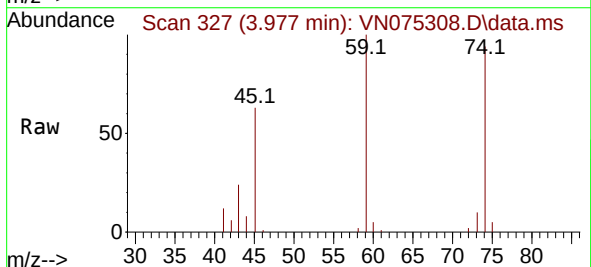
Manual Integrations
APPROVED

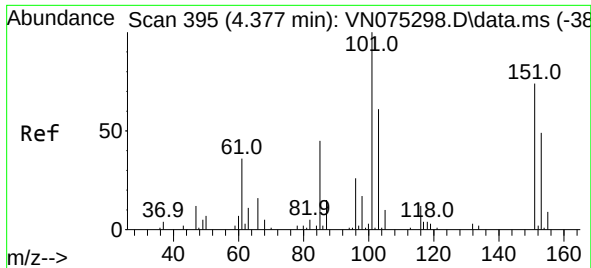
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#8
Diethyl Ether
Concen: 53.156 ug/l
RT: 3.977 min Scan# 327
Delta R.T. 0.006 min
Lab File: VN075308.D
Acq: 18 Nov 2022 12:19

Tgt Ion: 74 Resp: 48984
Ion Ratio Lower Upper
74 100
45 76.5 39.3 117.9





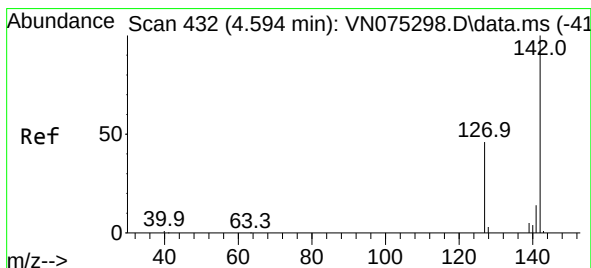
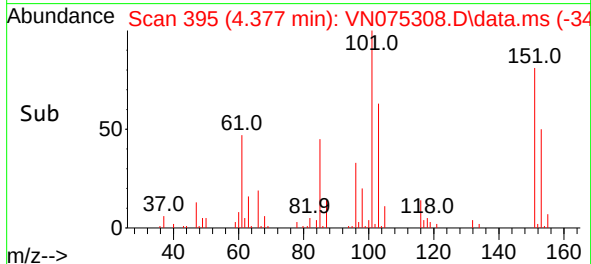
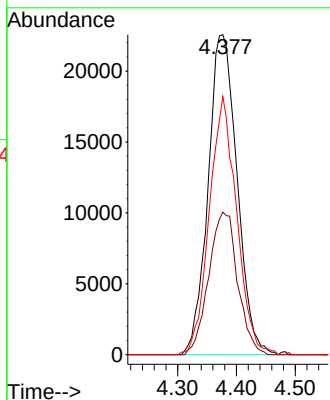
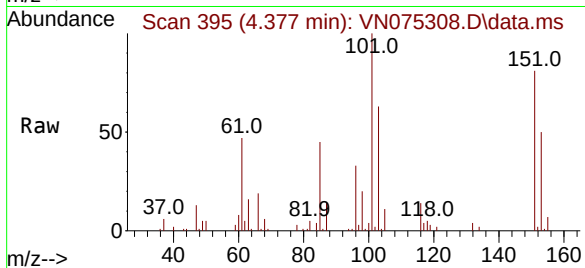
#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.458 ug/l
RT: 4.377 min Scan# 395
Delta R.T. -0.006 min
Lab File: VN075308.D
Acq: 18 Nov 2022 12:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 77378
Ion Ratio Lower Upper
101 100
85 44.4 37.6 56.4
151 76.0 58.3 87.5

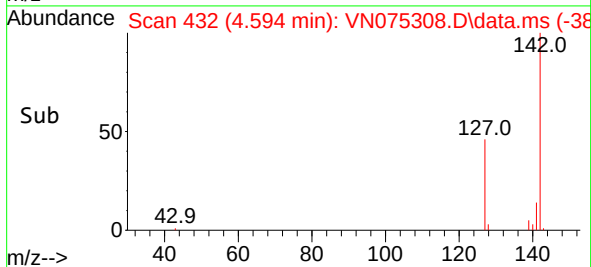
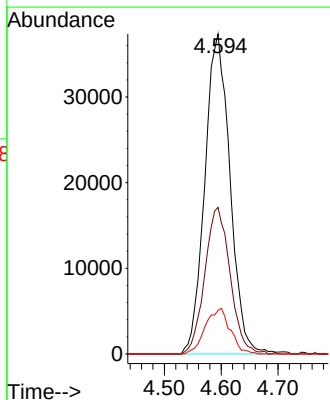
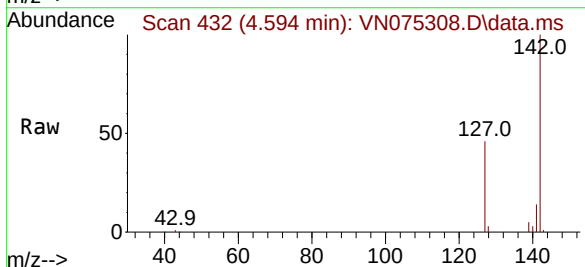
Manual Integrations
APPROVED

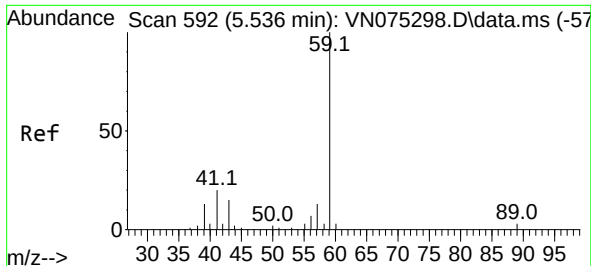
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#10
Methyl Iodide
Concen: 55.346 ug/l
RT: 4.594 min Scan# 432
Delta R.T. -0.001 min
Lab File: VN075308.D
Acq: 18 Nov 2022 12:19

Tgt Ion:142 Resp: 114962
Ion Ratio Lower Upper
142 100
127 46.0 38.0 57.0
141 14.1 12.2 18.4





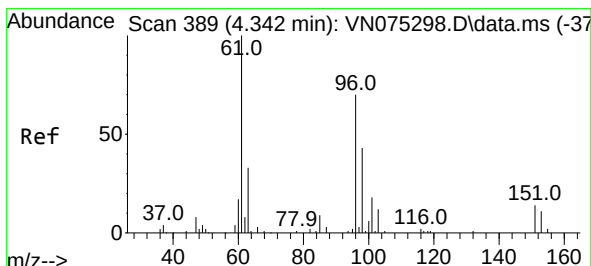
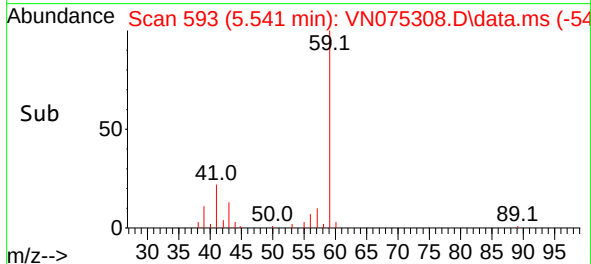
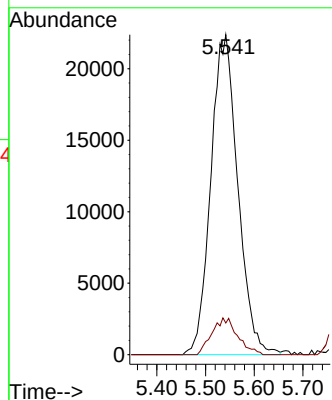
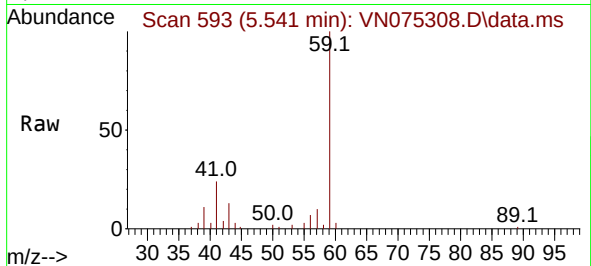
#11
Tert butyl alcohol
Concen: 218.634 ug/l
RT: 5.541 min Scan# 59
Delta R.T. -0.001 min
Lab File: VN075308.D
Acq: 18 Nov 2022 12:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 86192
Ion Ratio Lower Upper
59 100
57 10.9 8.5 12.7

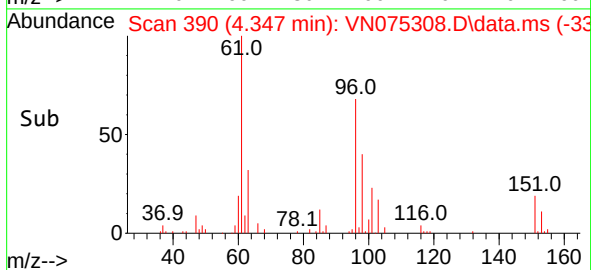
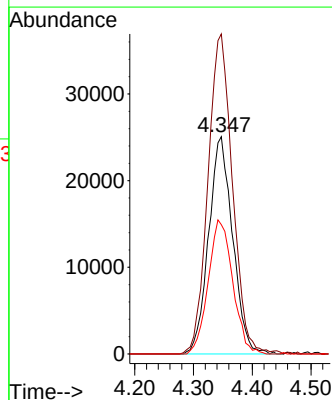
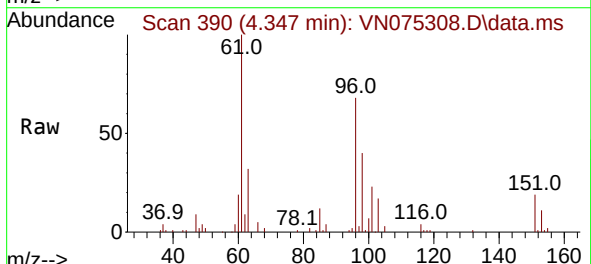
Manual Integrations
APPROVED

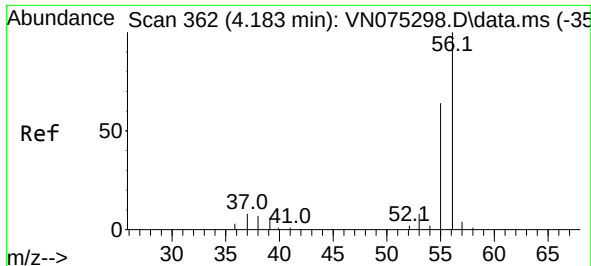
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#12
1,1-Dichloroethene
Concen: 53.511 ug/l
RT: 4.347 min Scan# 390
Delta R.T. -0.001 min
Lab File: VN075308.D
Acq: 18 Nov 2022 12:19

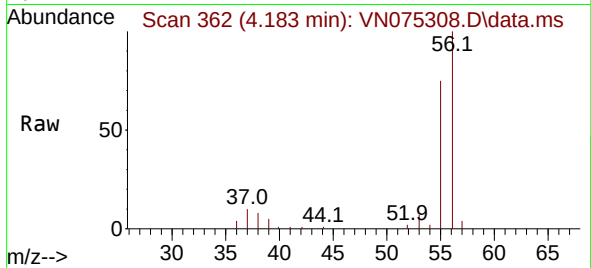
Tgt Ion: 96 Resp: 71167
Ion Ratio Lower Upper
96 100
61 147.3 126.2 189.4
98 59.5 51.5 77.3





#13
Acrolein
Concen: 267.378 ug/l
RT: 4.183 min Scan# 307
Delta R.T. -0.006 min
Lab File: VN075308.D
Acq: 18 Nov 2022 12:19

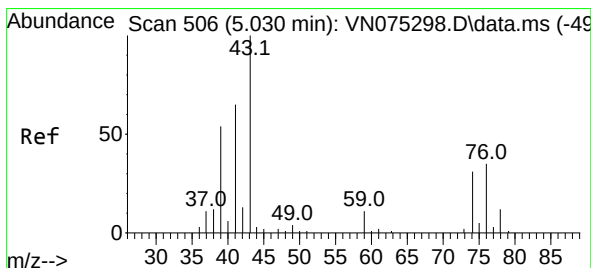
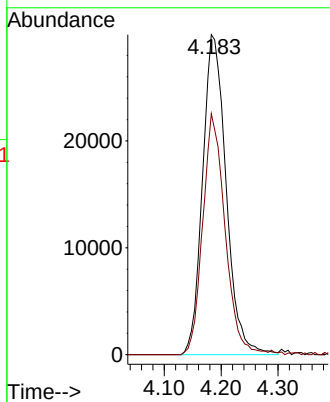
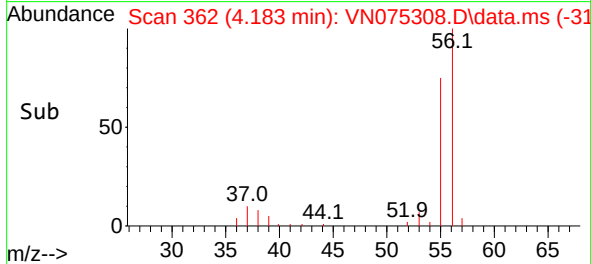
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



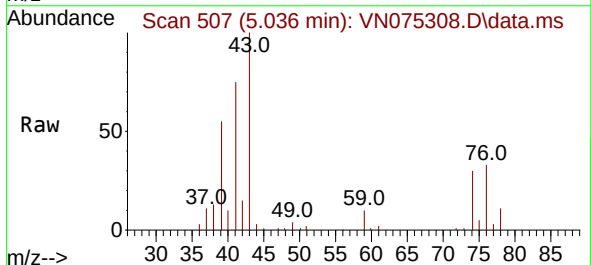
Tgt Ion: 56 Resp: 86218
Ion Ratio Lower Upper
56 100
55 71.2 55.2 82.8

Manual Integrations
APPROVED

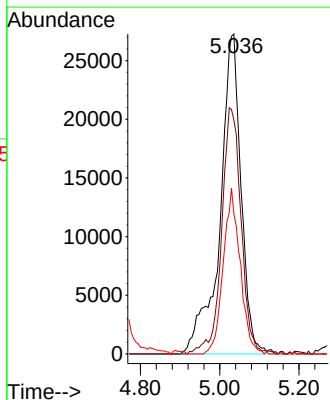
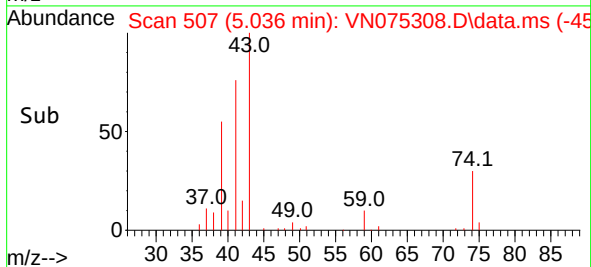
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

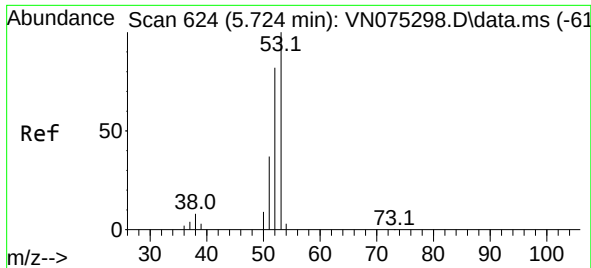


#14
Allyl chloride
Concen: 52.143 ug/l
RT: 5.036 min Scan# 507
Delta R.T. 0.012 min
Lab File: VN075308.D
Acq: 18 Nov 2022 12:19



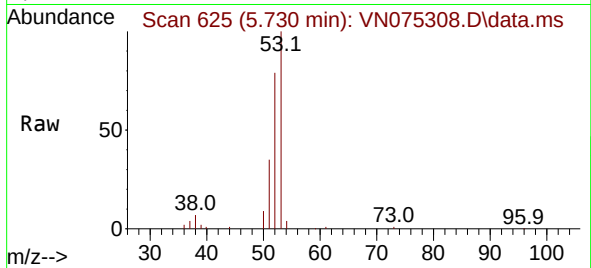
Tgt Ion: 41 Resp: 101283
Ion Ratio Lower Upper
41 100
39 70.5 61.0 91.4
76 41.3 33.4 50.0





#15
Acrylonitrile
Concen: 255.405 ug/l
RT: 5.730 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN075308.D
Acq: 18 Nov 2022 12:19

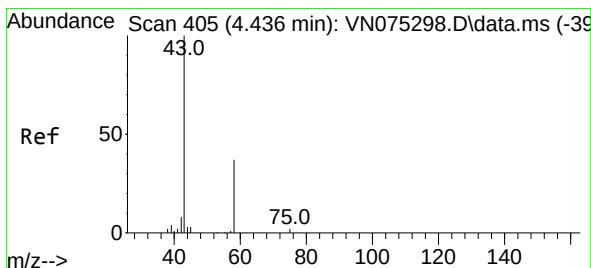
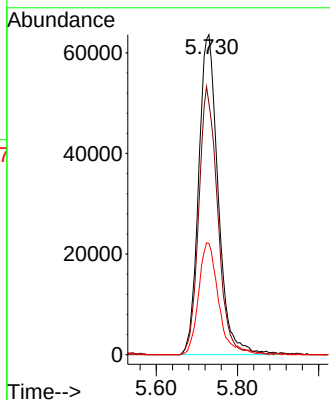
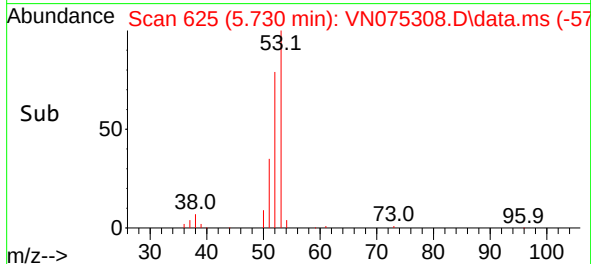
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 212690
Ion Ratio Lower Upper
53 100
52 81.1 66.4 99.6
51 35.8 29.6 44.4

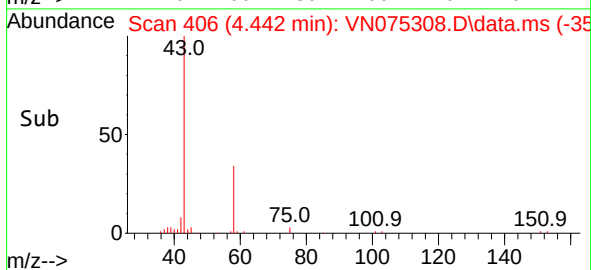
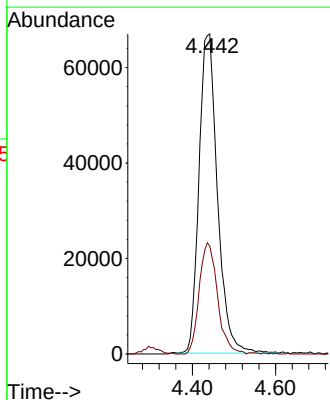
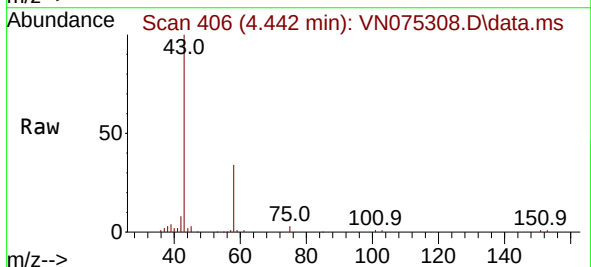
Manual Integrations
APPROVED

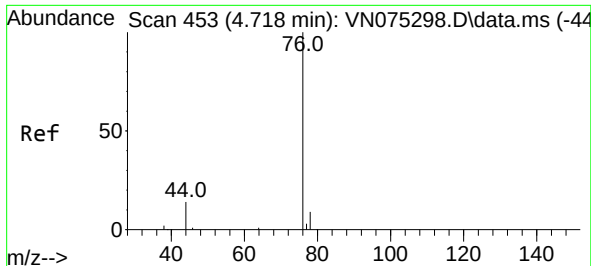
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#16
Acetone
Concen: 288.068 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN075308.D
Acq: 18 Nov 2022 12:19

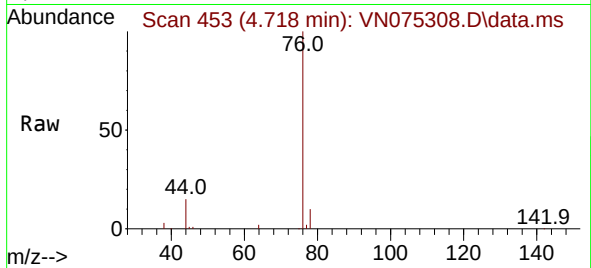
Tgt Ion: 43 Resp: 206198
Ion Ratio Lower Upper
43 100
58 33.8 25.5 38.3





#17
Carbon Disulfide
Concen: 50.722 ug/l
RT: 4.718 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN075308.D
Acq: 18 Nov 2022 12:19

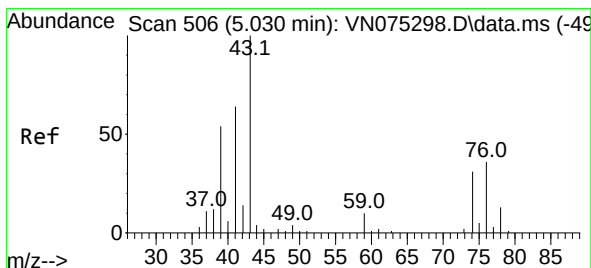
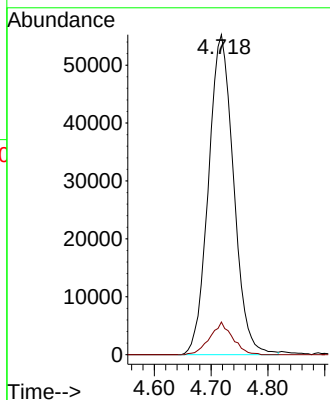
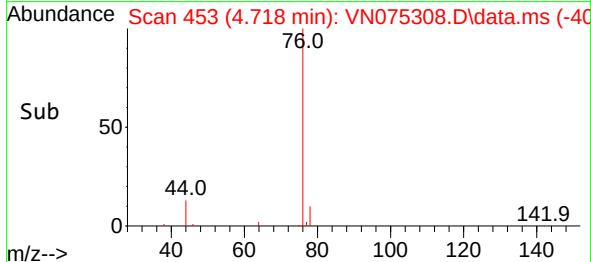
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



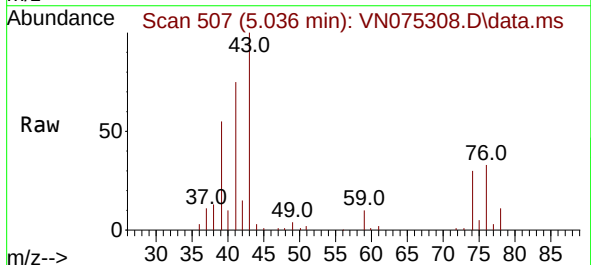
Tgt Ion: 76 Resp: 169638
Ion Ratio Lower Upper
76 100
78 10.2 7.4 11.2

Manual Integrations
APPROVED

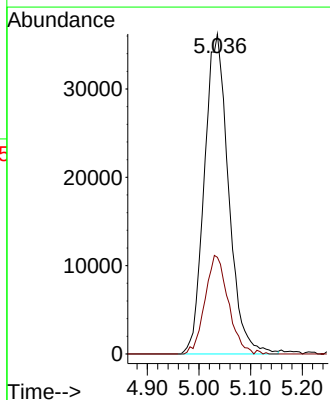
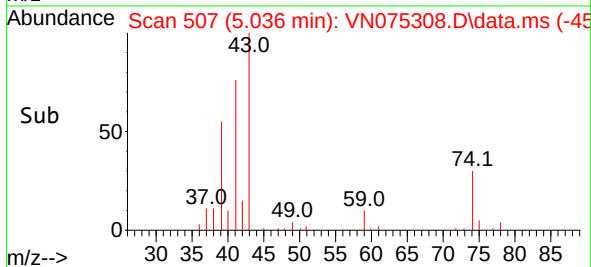
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

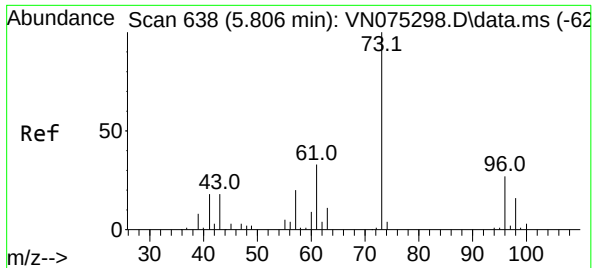


#18
Methyl Acetate
Concen: 50.246 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.006 min
Lab File: VN075308.D
Acq: 18 Nov 2022 12:19



Tgt Ion: 43 Resp: 117481
Ion Ratio Lower Upper
43 100
74 29.6 22.0 33.0





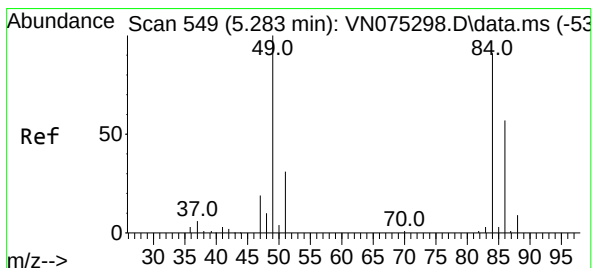
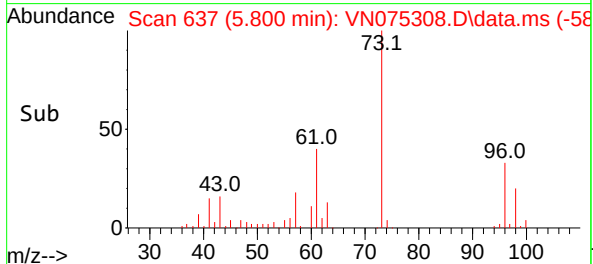
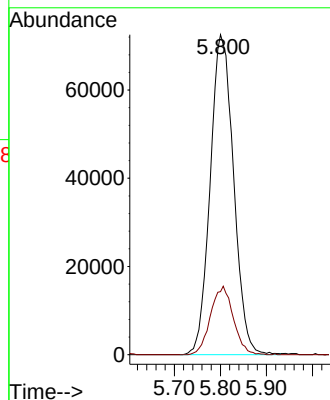
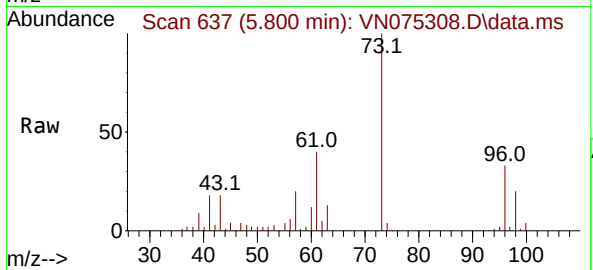
#19
Methyl tert-butyl Ether
Concen: 51.749 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN075308.D
Acq: 18 Nov 2022 12:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 25580
Ion Ratio Lower Upper
73 100
57 19.7 16.3 24.5

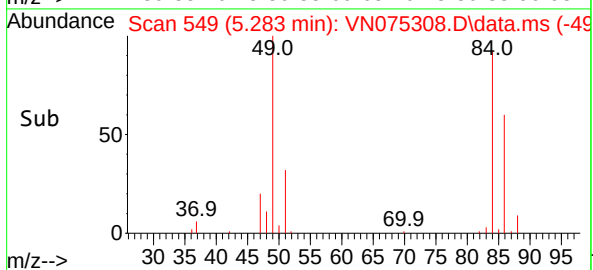
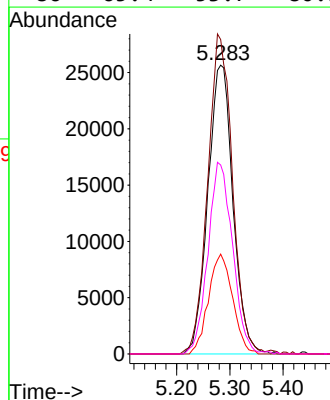
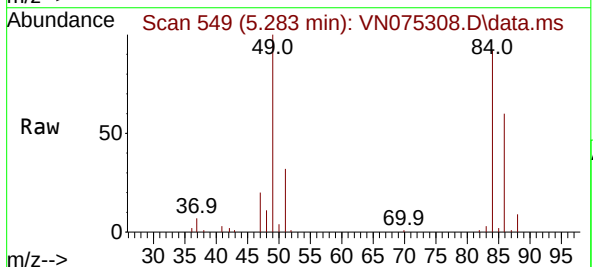
Manual Integrations
APPROVED

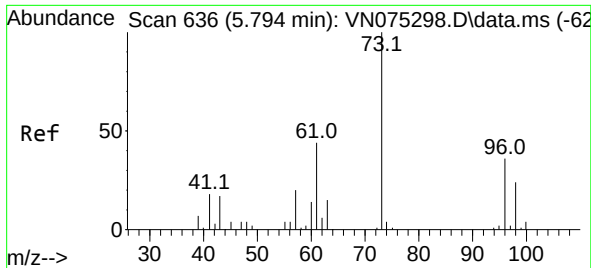
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#20
Methylene Chloride
Concen: 52.766 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.000 min
Lab File: VN075308.D
Acq: 18 Nov 2022 12:19

Tgt Ion: 84 Resp: 84213
Ion Ratio Lower Upper
84 100
49 108.8 94.9 142.3
51 34.6 26.8 40.2
86 65.4 53.7 80.5





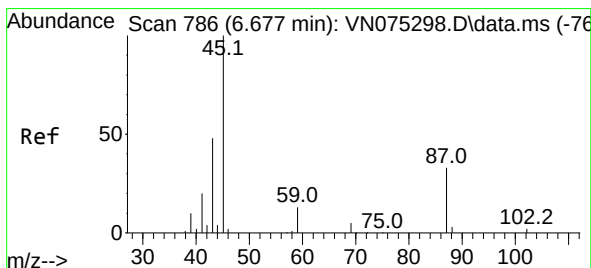
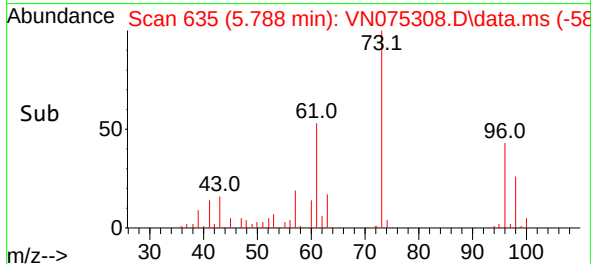
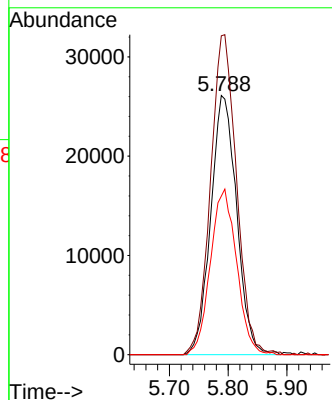
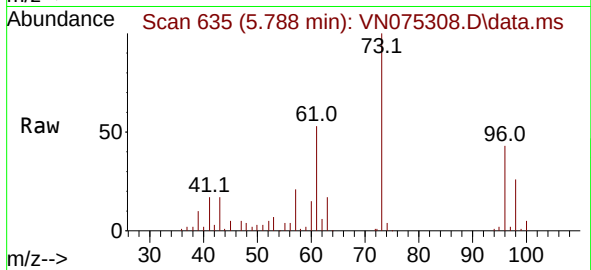
#21
trans-1,2-Dichloroethene
Concen: 54.878 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN075308.D
Acq: 18 Nov 2022 12:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 79912
Ion Ratio Lower Upper
96 100
61 123.0 99.9 149.9
98 61.2 51.5 77.3

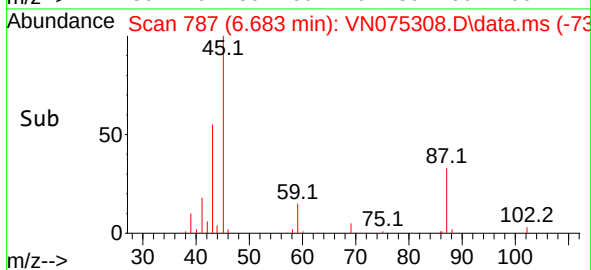
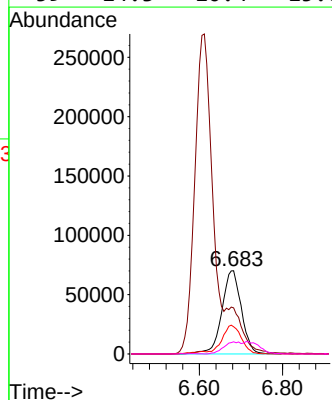
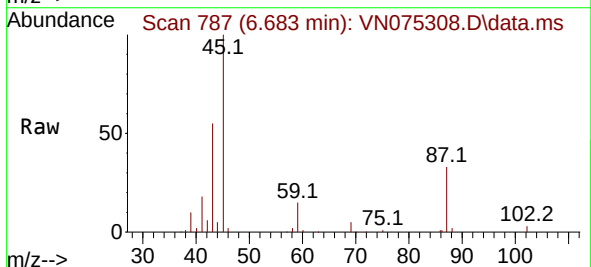
Manual Integrations
APPROVED

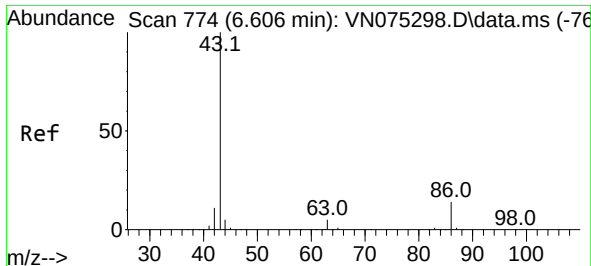
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#22
Diisopropyl ether
Concen: 53.303 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN075308.D
Acq: 18 Nov 2022 12:19

Tgt Ion: 45 Resp: 228486
Ion Ratio Lower Upper
45 100
43 54.2 42.8 64.2
87 32.6 28.4 42.6
59 14.3 10.4 15.6





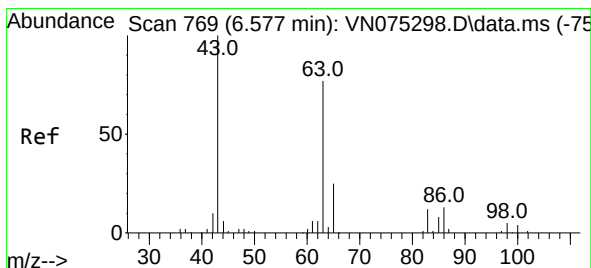
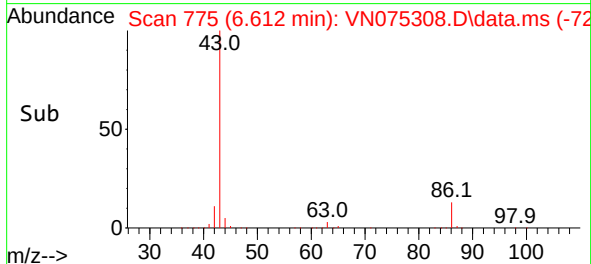
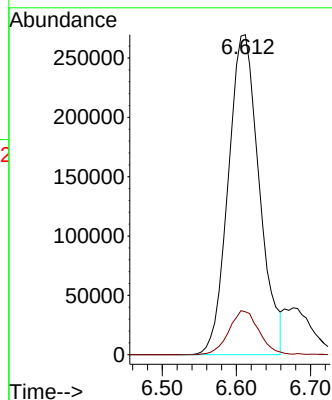
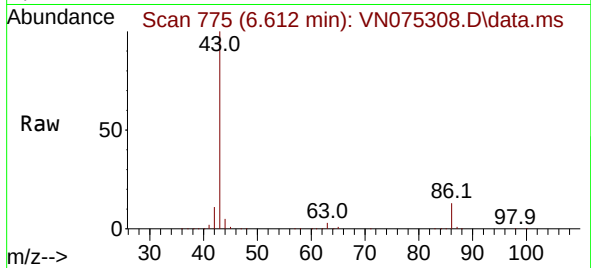
#23
 Vinyl Acetate
 Concen: 219.525 ug/l
 RT: 6.612 min Scan# 774
 Delta R.T. -0.000 min
 Lab File: VN075308.D
 Acq: 18 Nov 2022 12:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 78579
 Ion Ratio Lower Upper
 43 100
 86 13.4 10.7 16.1

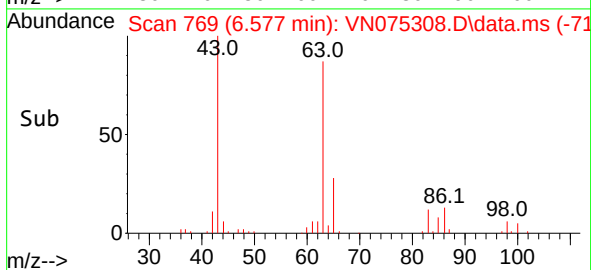
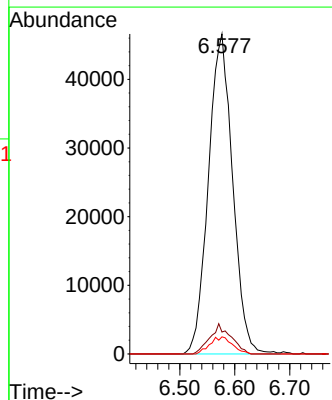
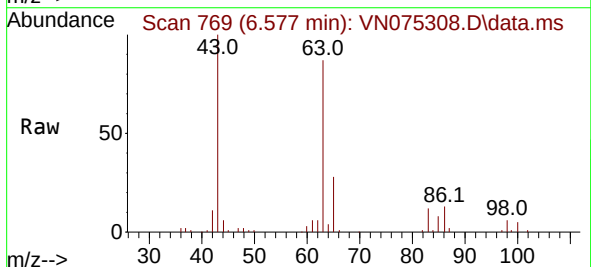
Manual Integrations
 APPROVED

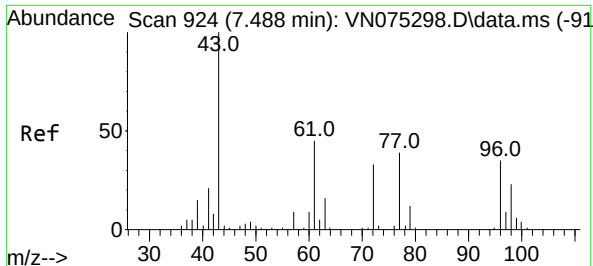
Reviewed By :John Carlone 11/21/2022
 Supervised By :Mahesh Dadoda 11/21/2022



#24
 1,1-Dichloroethane
 Concen: 52.639 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075308.D
 Acq: 18 Nov 2022 12:19

Tgt Ion: 63 Resp: 142709
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.6 10.8
 100 5.3 2.4 7.2





#25

2-Butanone

Concen: 257.967 ug/l

RT: 7.488 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN075308.D

Acq: 18 Nov 2022 12:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 290439

Ion Ratio Lower Upper

43 100

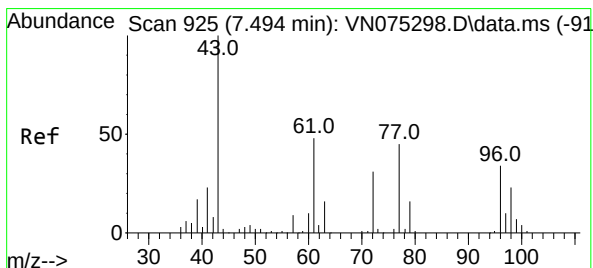
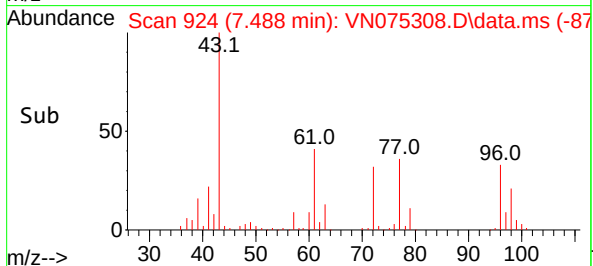
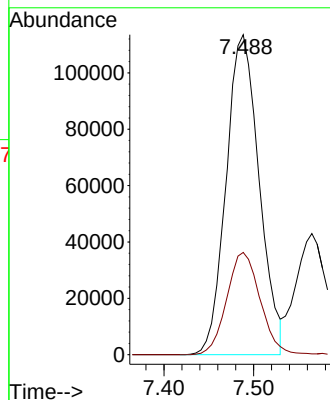
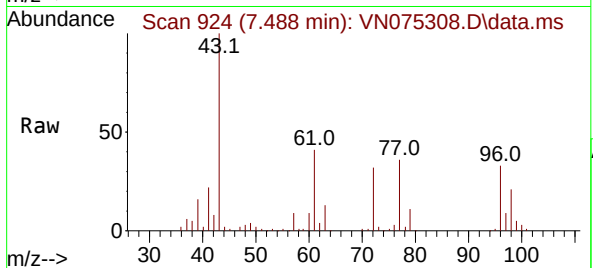
72 32.0 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#26

2,2-Dichloropropane

Concen: 50.191 ug/l

RT: 7.494 min Scan# 925

Delta R.T. -0.006 min

Lab File: VN075308.D

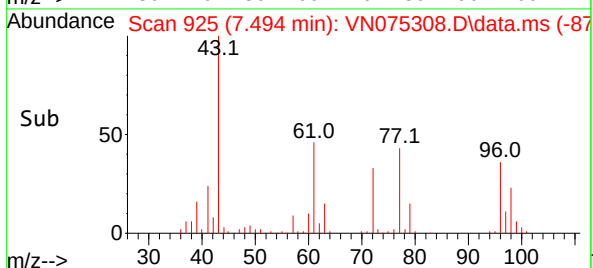
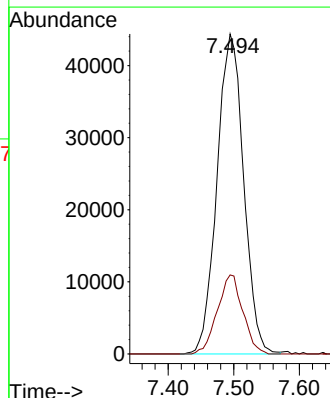
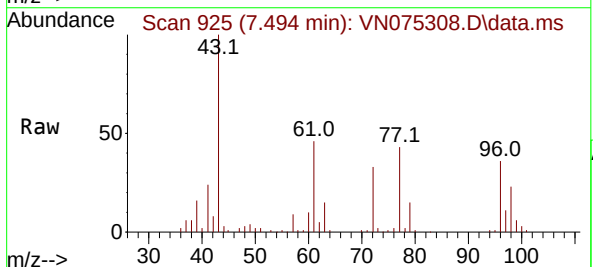
Acq: 18 Nov 2022 12:19

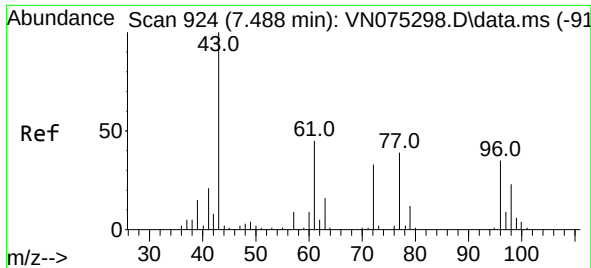
Tgt Ion: 77 Resp: 125178

Ion Ratio Lower Upper

77 100

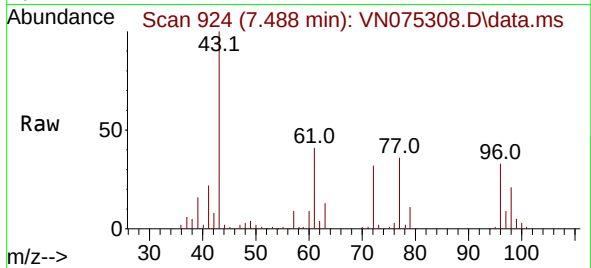
97 23.5 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 56.208 ug/l
 RT: 7.488 min Scan# 91
 Delta R.T. -0.001 min
 Lab File: VN075308.D
 Acq: 18 Nov 2022 12:19

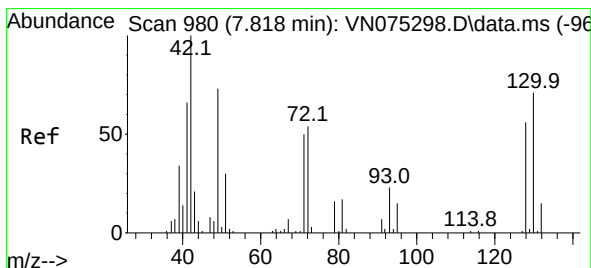
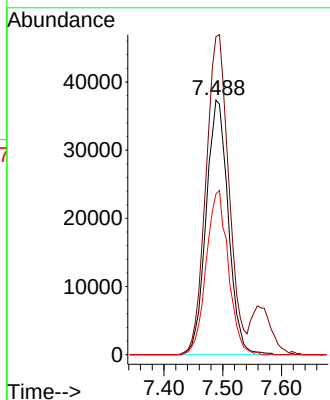
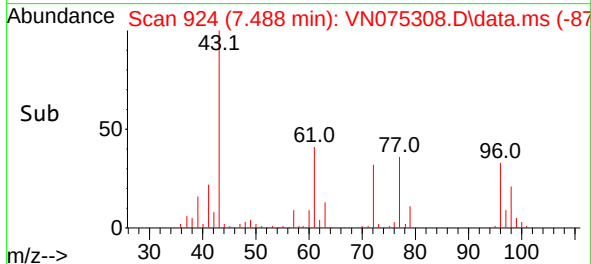
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 97744
 Ion Ratio Lower Upper
 96 100
 61 129.8 0.0 278.8
 98 64.3 0.0 128.4

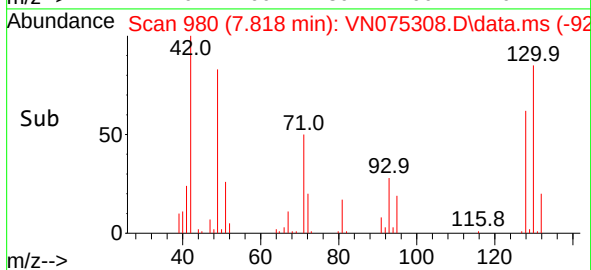
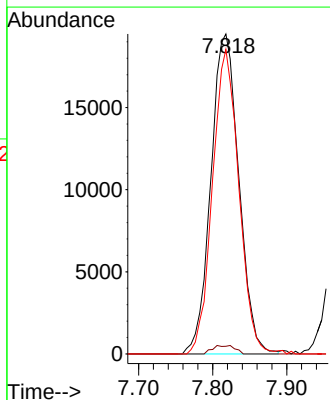
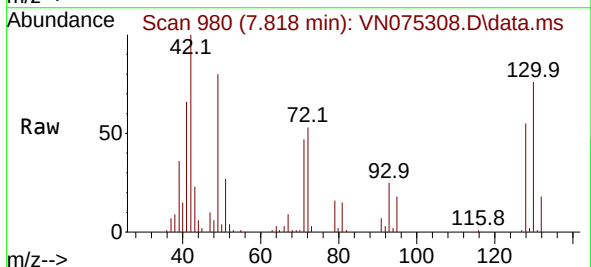
Manual Integrations
 APPROVED

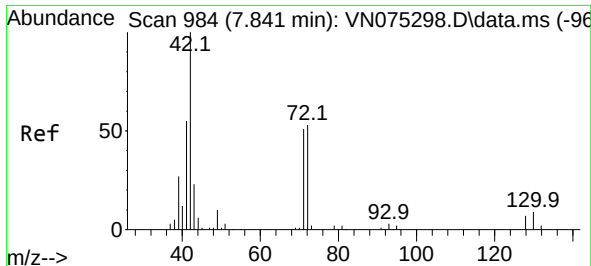
Reviewed By :John Carlone 11/21/2022
 Supervised By :Mahesh Dadoda 11/21/2022



#28
 Bromochloromethane
 Concen: 44.734 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.000 min
 Lab File: VN075308.D
 Acq: 18 Nov 2022 12:19

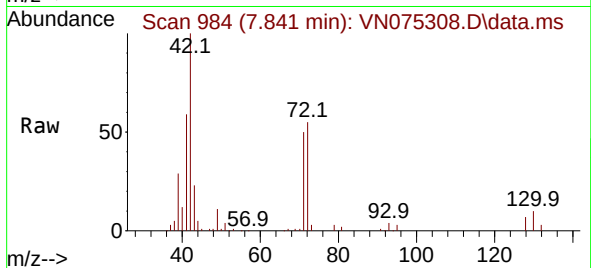
Tgt Ion: 49 Resp: 51124
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.6
 130 89.8 66.2 99.4





#29
Tetrahydrofuran
Concen: 247.240 ug/l
RT: 7.841 min Scan# 984
Delta R.T. -0.006 min
Lab File: VN075308.D
Acq: 18 Nov 2022 12:19

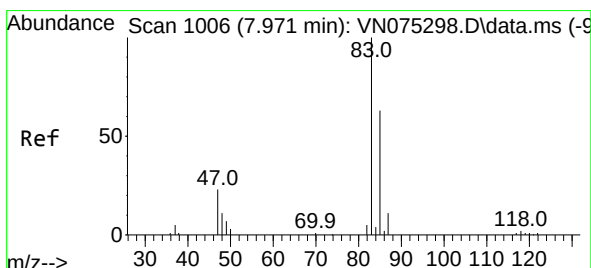
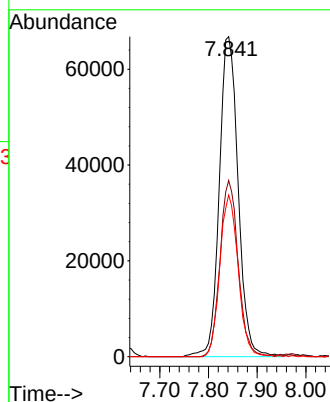
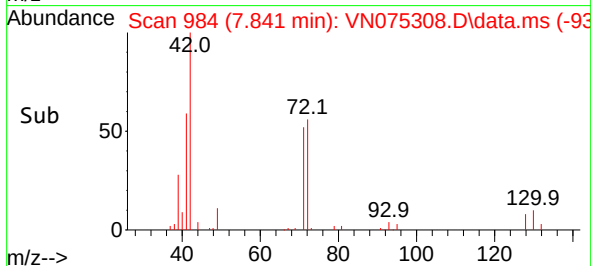
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



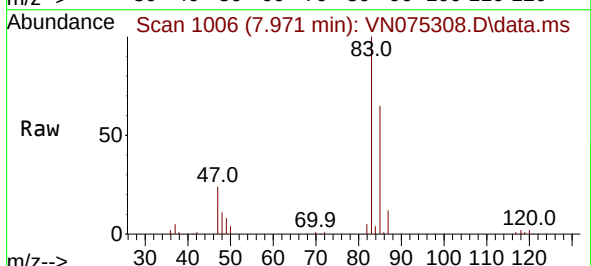
Tgt Ion: 42 Resp: 179875
Ion Ratio Lower Upper
42 100
72 53.1 43.0 64.6
71 49.0 39.9 59.9

Manual Integrations
APPROVED

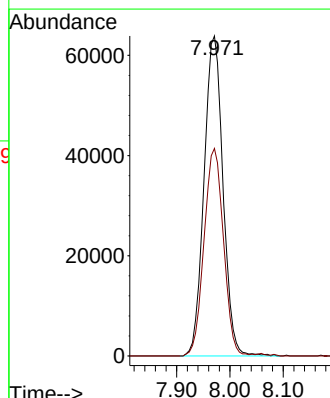
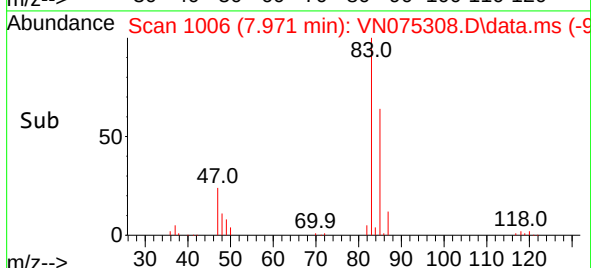
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

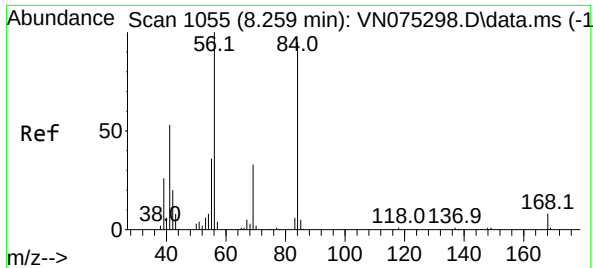


#30
Chloroform
Concen: 53.728 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN075308.D
Acq: 18 Nov 2022 12:19



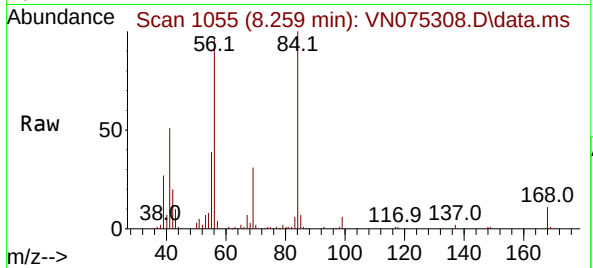
Tgt Ion: 83 Resp: 158148
Ion Ratio Lower Upper
83 100
85 64.9 51.4 77.0





#31
Cyclohexane
Concen: 49.902 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VN075308.D
Acq: 18 Nov 2022 12:19

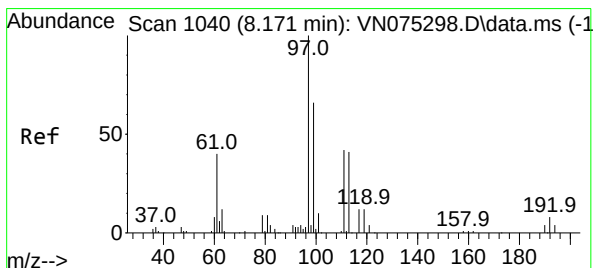
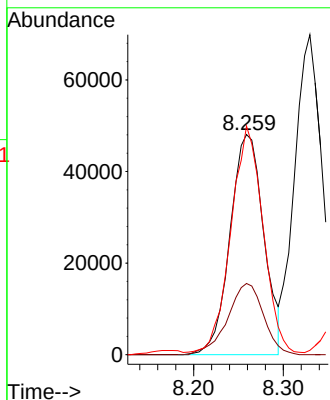
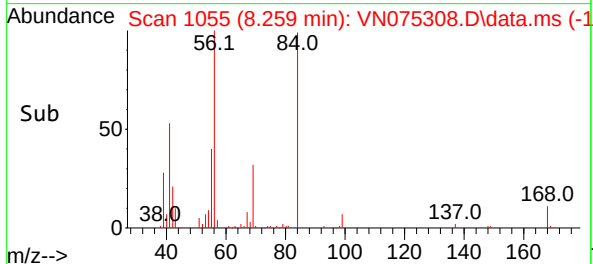
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



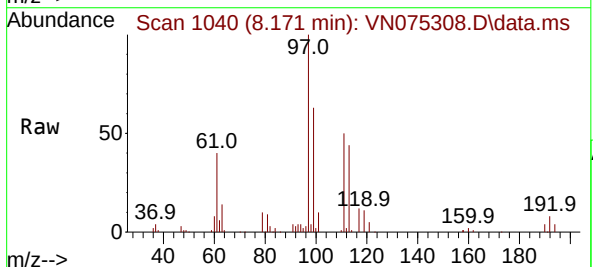
Tgt Ion: 56 Resp: 12546
Ion Ratio Lower Upper
56 100
69 31.9 25.2 37.8
84 102.0 77.8 116.8

Manual Integrations
APPROVED

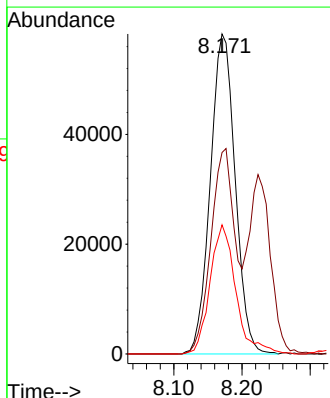
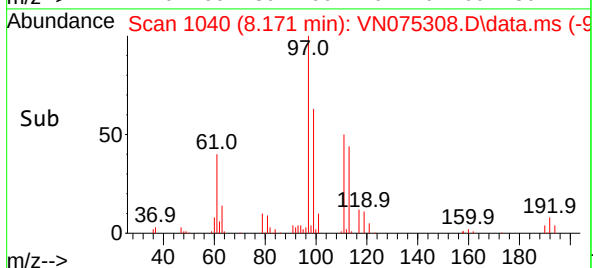
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

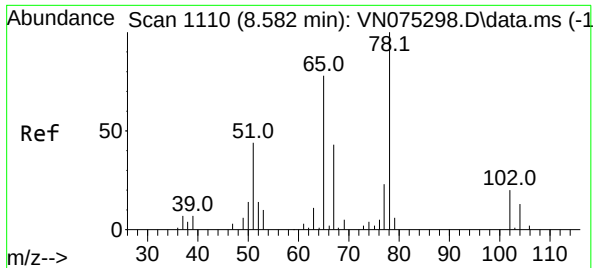


#32
1,1,1-Trichloroethane
Concen: 55.390 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075308.D
Acq: 18 Nov 2022 12:19



Tgt Ion: 97 Resp: 148059
Ion Ratio Lower Upper
97 100
99 62.9 50.2 75.2
61 41.9 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 40.738 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.006 min

Lab File: VN075308.D

Acq: 18 Nov 2022 12:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 6886

Ion Ratio Lower Upper

65 100

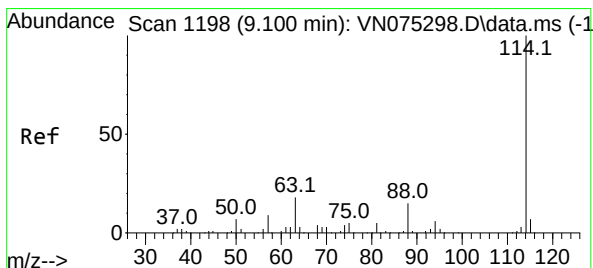
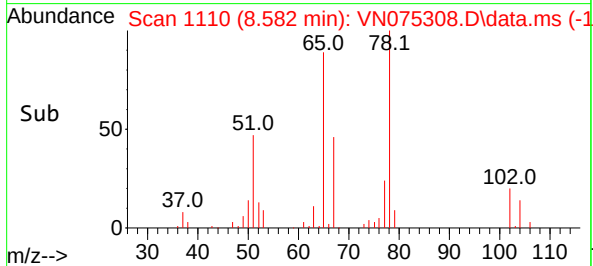
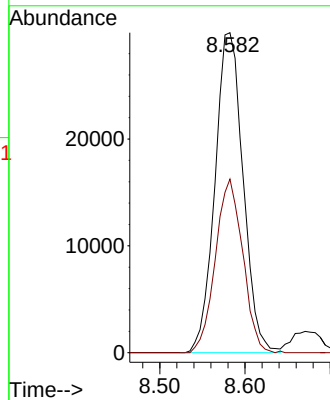
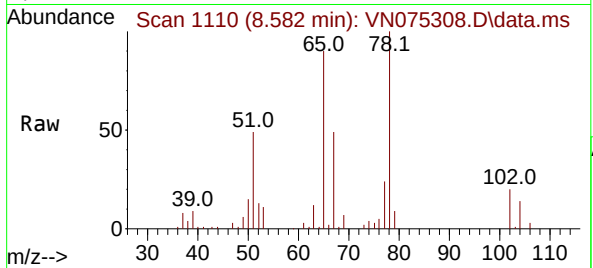
67 52.6 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075308.D

Acq: 18 Nov 2022 12:19

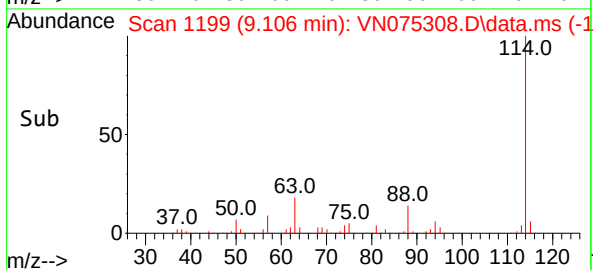
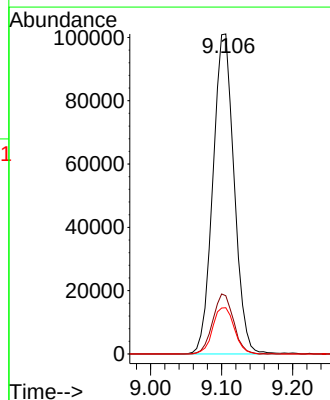
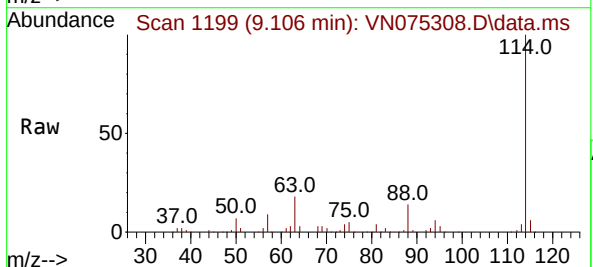
Tgt Ion:114 Resp: 209324

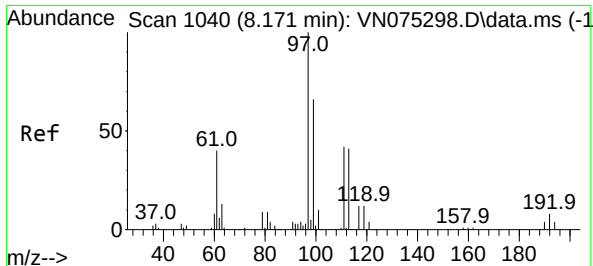
Ion Ratio Lower Upper

114 100

63 18.2 0.0 39.6

88 14.5 0.0 29.0





#35

Dibromofluoromethane

Concen: 51.435 ug/l

RT: 8.165 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VN075308.D

Acq: 18 Nov 2022 12:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

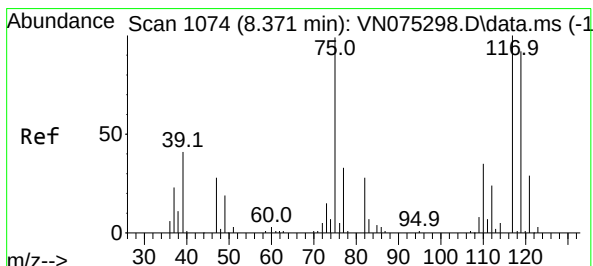
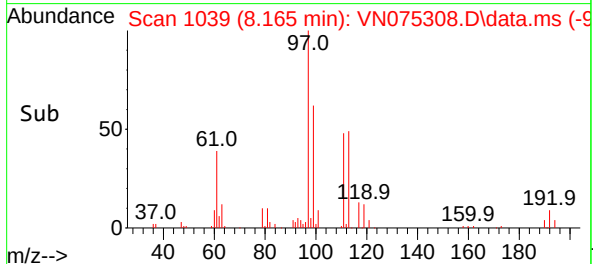
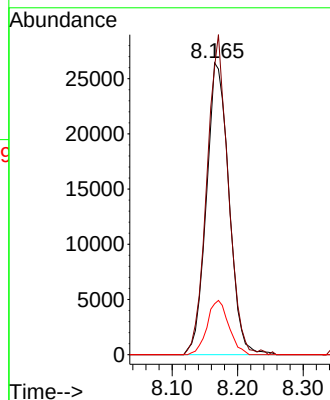
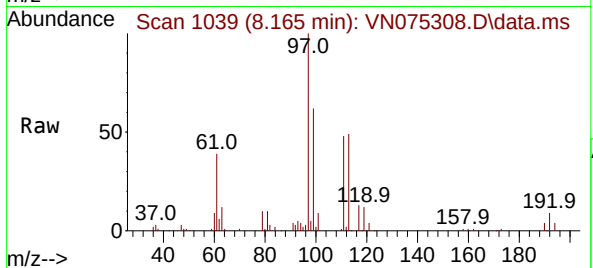
Tgt Ion:	113	Resp:	6320
Ion Ratio	Lower	Upper	
113	100		
111	104.2	80.5	120.7
192	17.8	13.2	19.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#36

1,1-Dichloropropene

Concen: 62.443 ug/l

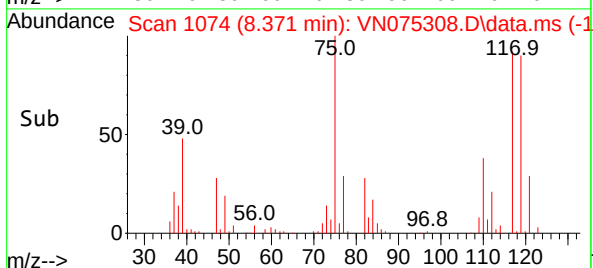
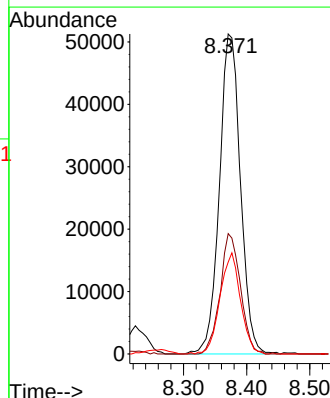
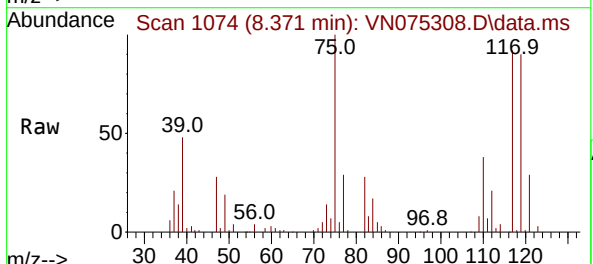
RT: 8.371 min Scan# 1074

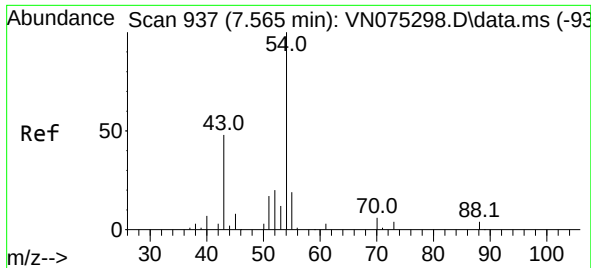
Delta R.T. -0.006 min

Lab File: VN075308.D

Acq: 18 Nov 2022 12:19

Tgt Ion:	75	Resp:	118795
Ion Ratio	Lower	Upper	
75	100		
110	36.5	17.8	53.3
77	30.8	24.6	37.0





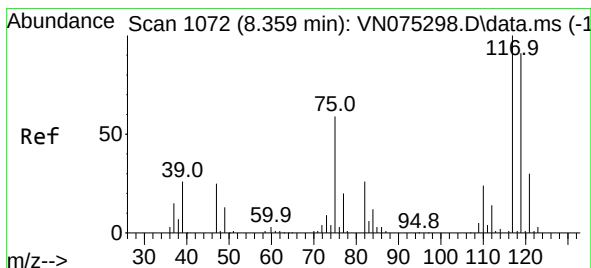
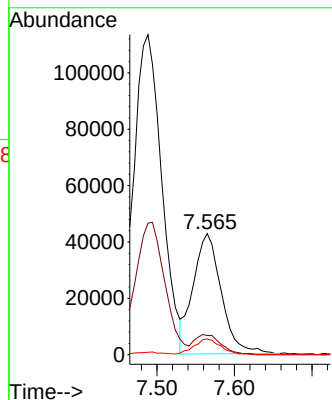
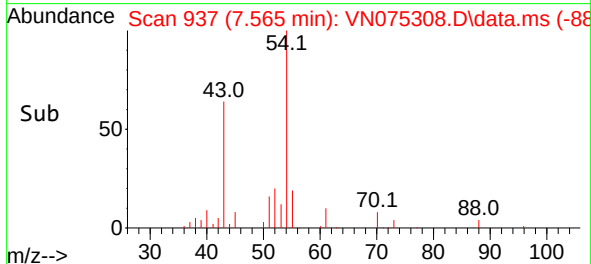
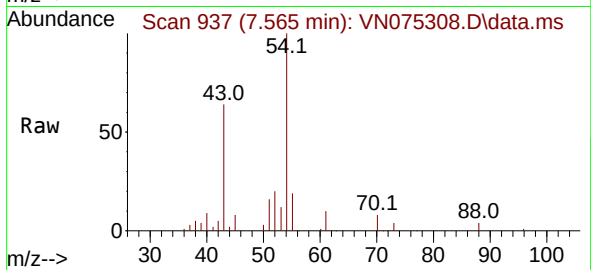
#37
Ethyl Acetate
Concen: 51.681 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN075308.D
Acq: 18 Nov 2022 12:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 10782
Ion Ratio Lower Upper
43 100
61 15.7 12.2 18.4
70 12.4 9.4 14.2

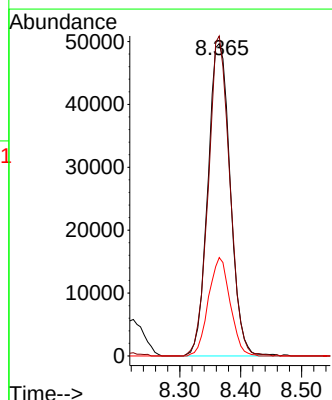
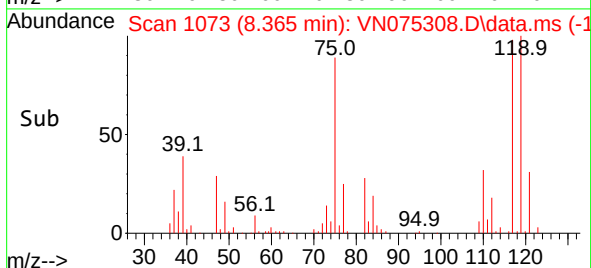
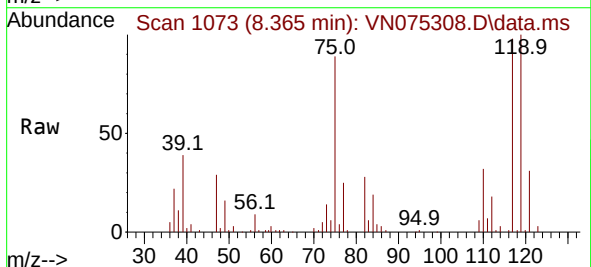
Manual Integrations
APPROVED

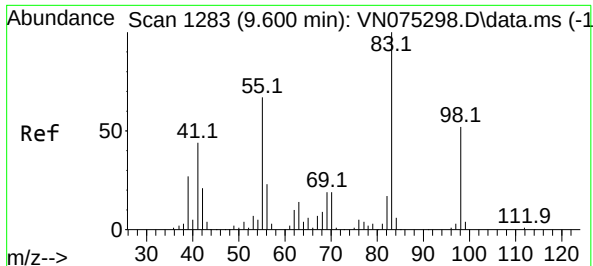
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#38
Carbon Tetrachloride
Concen: 60.595 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN075308.D
Acq: 18 Nov 2022 12:19

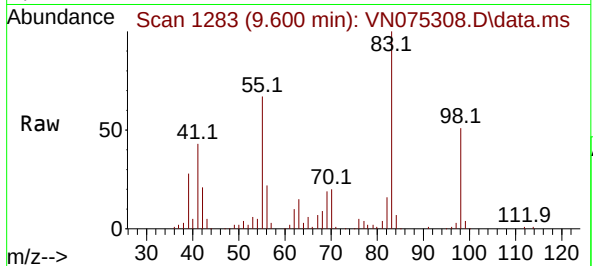
Tgt Ion:117 Resp: 126807
Ion Ratio Lower Upper
117 100
119 102.4 76.7 115.1
121 31.5 23.9 35.9





#39
Methylcyclohexane
Concen: 60.279 ug/l
RT: 9.600 min Scan# 1283
Delta R.T. -0.006 min
Lab File: VN075308.D
Acq: 18 Nov 2022 12:19

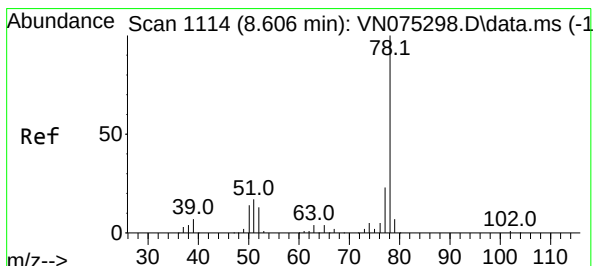
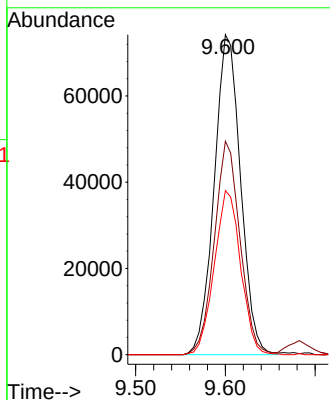
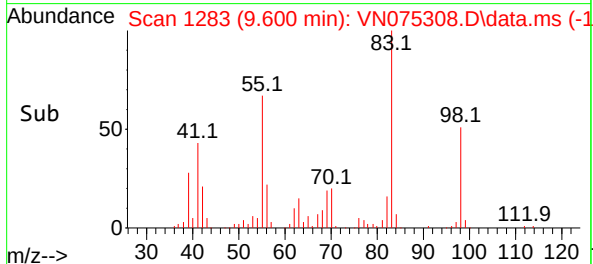
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 151395
Ion Ratio Lower Upper
83 100
55 66.7 53.6 80.4
98 51.3 41.1 61.7

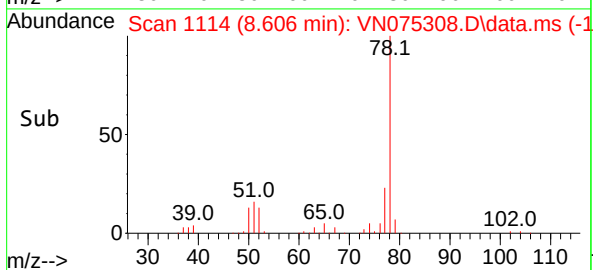
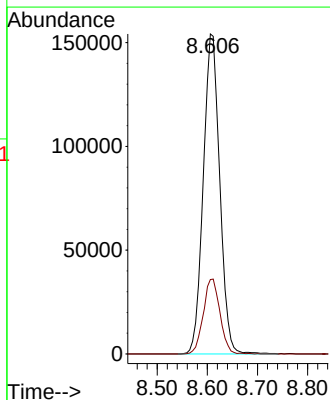
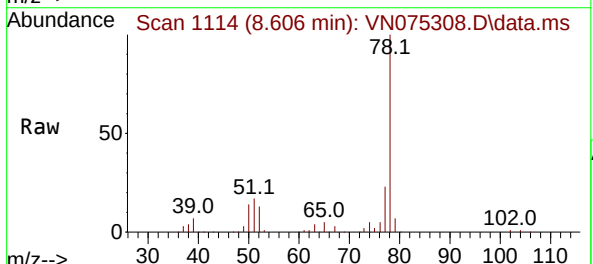
Manual Integrations
APPROVED

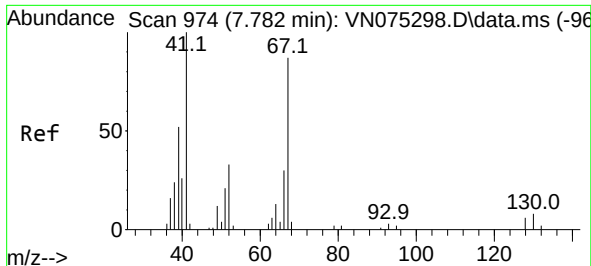
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#40
Benzene
Concen: 60.397 ug/l
RT: 8.606 min Scan# 1114
Delta R.T. -0.006 min
Lab File: VN075308.D
Acq: 18 Nov 2022 12:19

Tgt Ion: 78 Resp: 351816
Ion Ratio Lower Upper
78 100
77 23.2 19.4 29.0





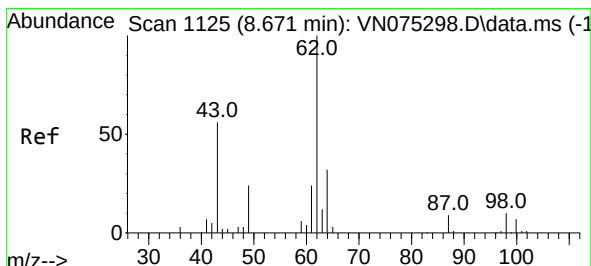
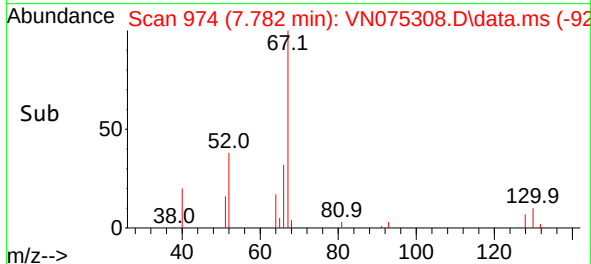
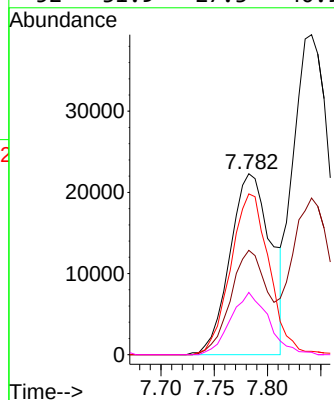
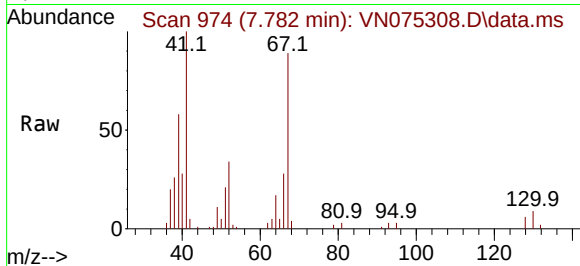
#41
Methacrylonitrile
Concen: 60.060 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN075308.D
Acq: 18 Nov 2022 12:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 60035
Ion Ratio Lower Upper
41 100
39 50.6 44.4 66.6
67 83.6 69.8 104.6
52 31.9 27.3 40.9

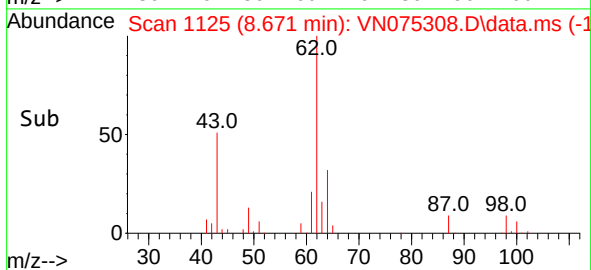
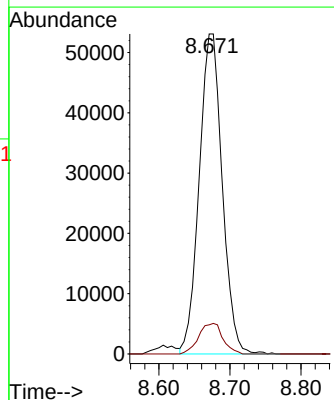
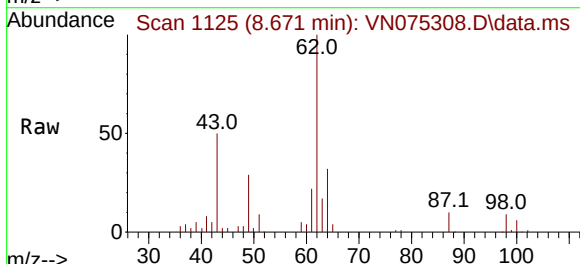
Manual Integrations
APPROVED

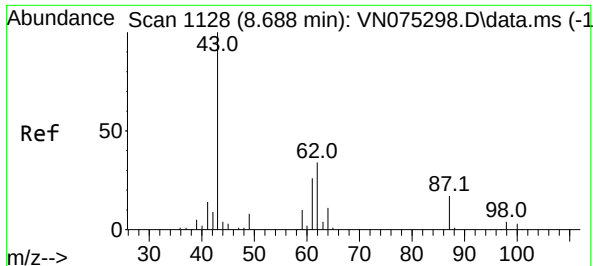
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#42
1,2-Dichloroethane
Concen: 56.575 ug/l
RT: 8.671 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN075308.D
Acq: 18 Nov 2022 12:19

Tgt Ion: 62 Resp: 119898
Ion Ratio Lower Upper
62 100
98 10.0 0.0 18.2





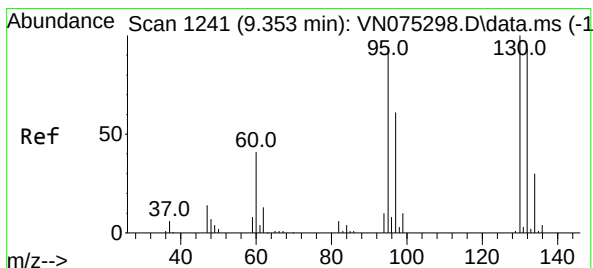
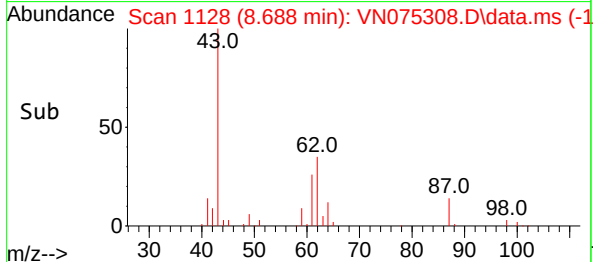
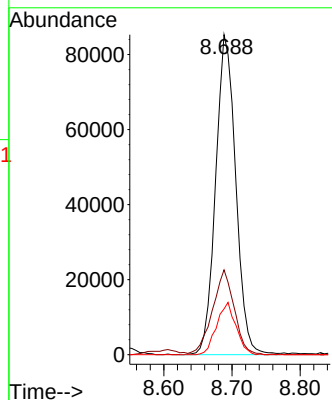
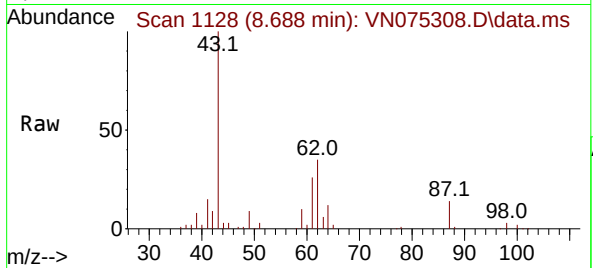
#43
Isopropyl Acetate
Concen: 54.109 ug/l
RT: 8.688 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VN075308.D
Acq: 18 Nov 2022 12:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 17511
Ion Ratio Lower Upper
43 100
61 28.7 22.4 33.6
87 15.7 12.5 18.7

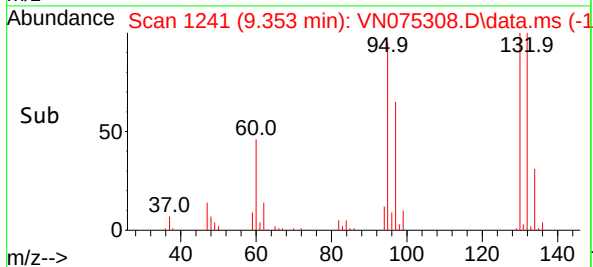
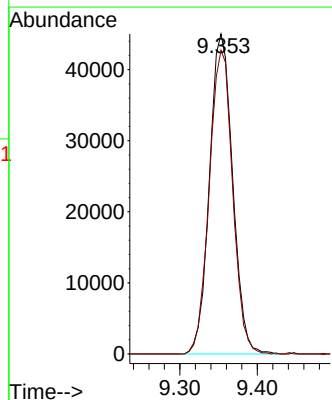
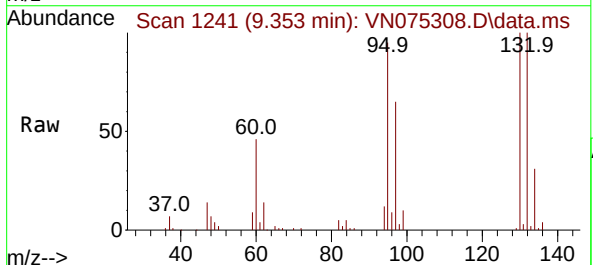
Manual Integrations
APPROVED

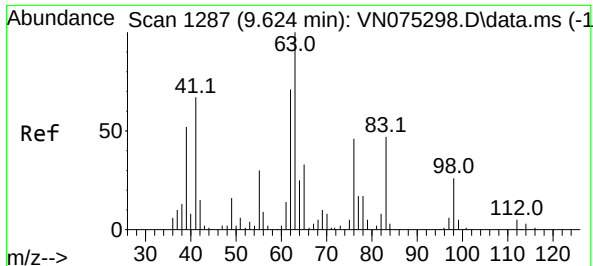
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#44
Trichloroethene
Concen: 63.960 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VN075308.D
Acq: 18 Nov 2022 12:19

Tgt Ion:130 Resp: 93473
Ion Ratio Lower Upper
130 100
95 94.9 0.0 198.4





#45

1,2-Dichloropropane

Concen: 61.603 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075308.D

Acq: 18 Nov 2022 12:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 8539

Ion Ratio Lower Upper

63 100

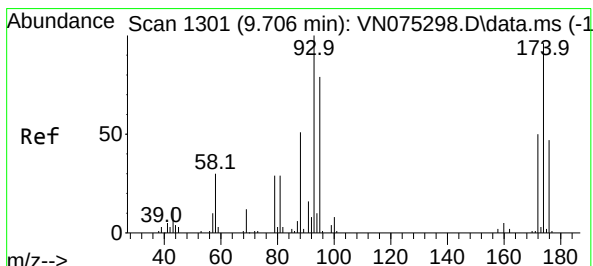
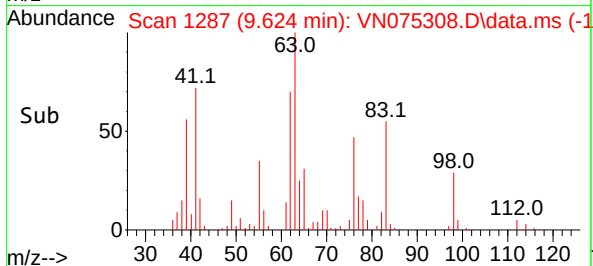
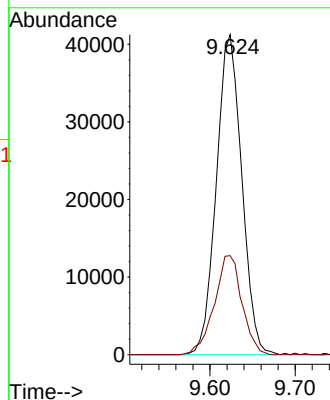
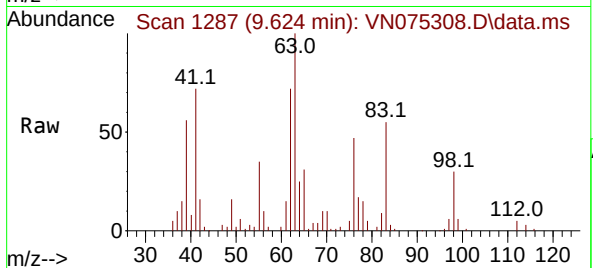
65 31.0 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#46

Dibromomethane

Concen: 60.116 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075308.D

Acq: 18 Nov 2022 12:19

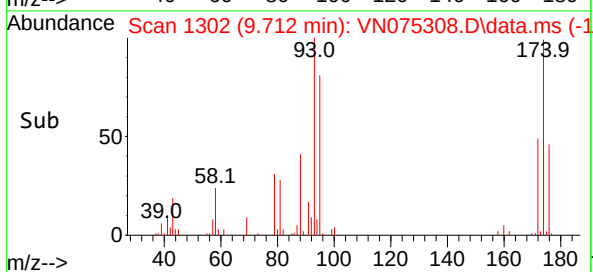
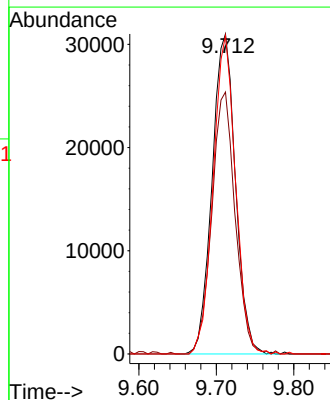
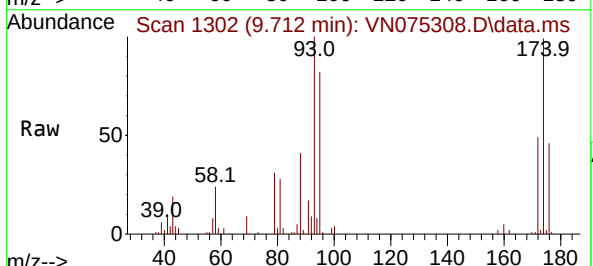
Tgt Ion: 93 Resp: 64926

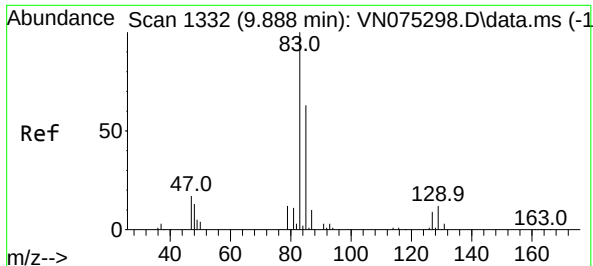
Ion Ratio Lower Upper

93 100

95 81.6 66.6 99.8

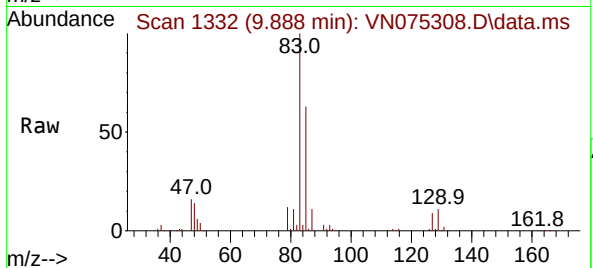
174 95.2 70.3 105.5





#47
Bromodichloromethane
Concen: 60.661 ug/l
RT: 9.888 min Scan# 1332
Delta R.T. -0.006 min
Lab File: VN075308.D
Acq: 18 Nov 2022 12:19

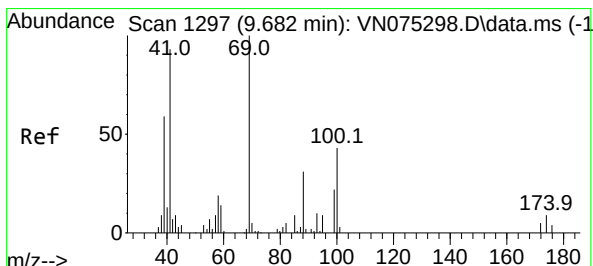
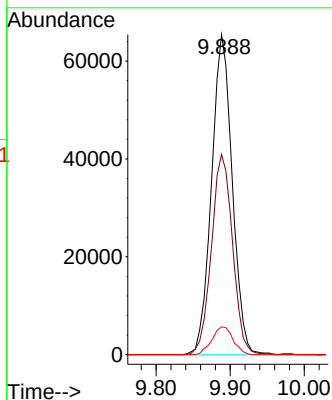
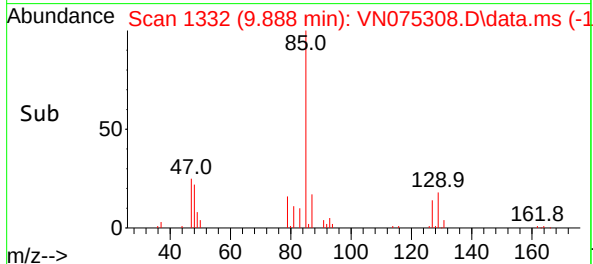
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 126870
Ion Ratio Lower Upper
83 100
85 62.6 52.1 78.1
127 8.7 6.6 10.0

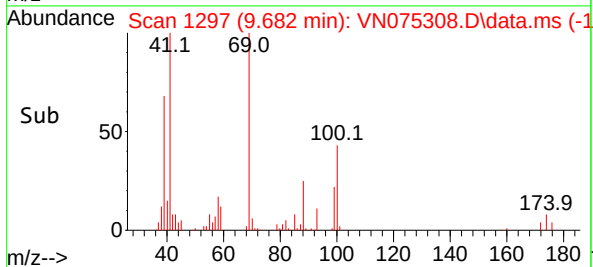
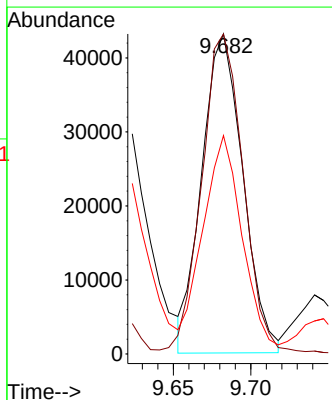
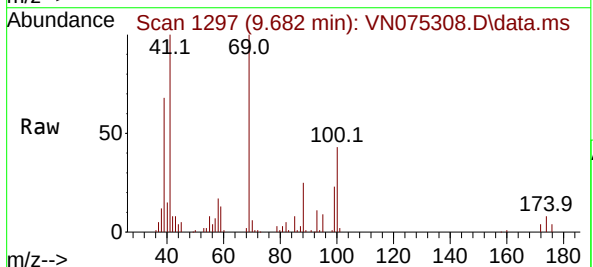
Manual Integrations
APPROVED

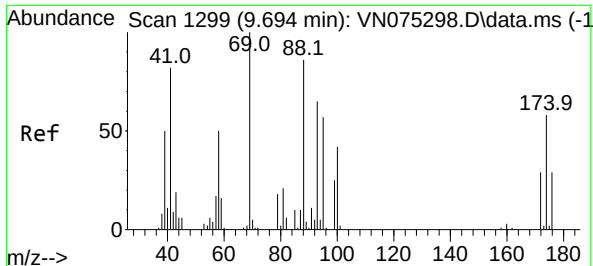
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#48
Methyl methacrylate
Concen: 53.491 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN075308.D
Acq: 18 Nov 2022 12:19

Tgt Ion: 41 Resp: 79409
Ion Ratio Lower Upper
41 100
69 102.4 80.2 120.2
39 66.5 56.2 84.2





#49

1,4-Dioxane

Concen: 1179.120 ug/l

RT: 9.694 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN075308.D

Acq: 18 Nov 2022 12:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 4583

Ion Ratio Lower Upper

88 100

43 21.6 17.5 26.3

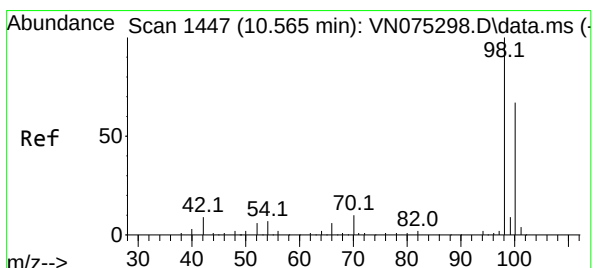
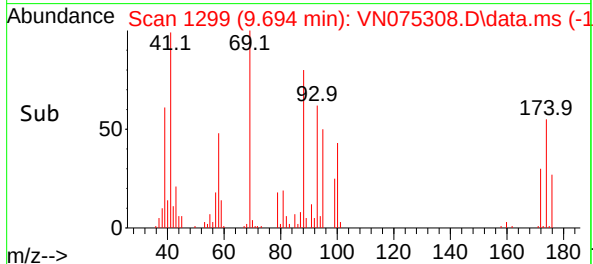
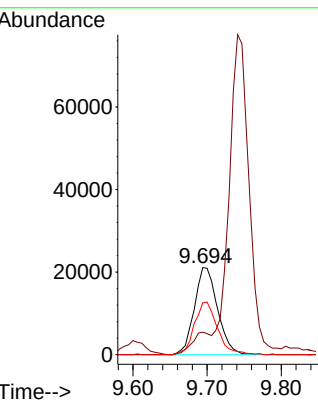
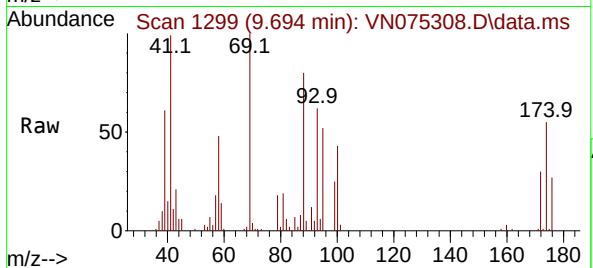
58 60.2 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#50

Toluene-d8

Concen: 46.510 ug/l

RT: 10.565 min Scan# 1447

Delta R.T. -0.006 min

Lab File: VN075308.D

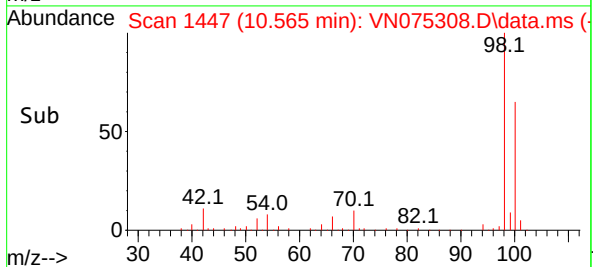
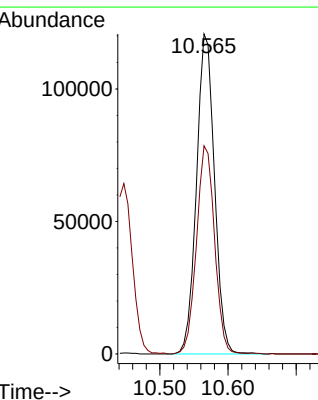
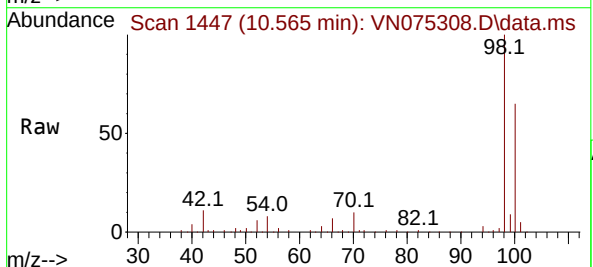
Acq: 18 Nov 2022 12:19

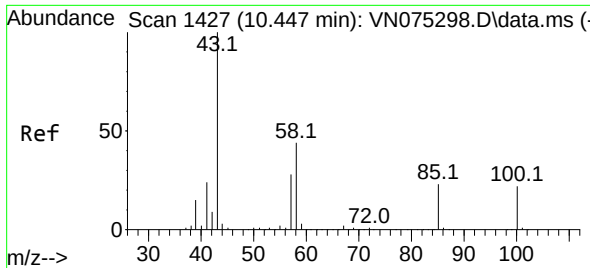
Tgt Ion: 98 Resp: 221740

Ion Ratio Lower Upper

98 100

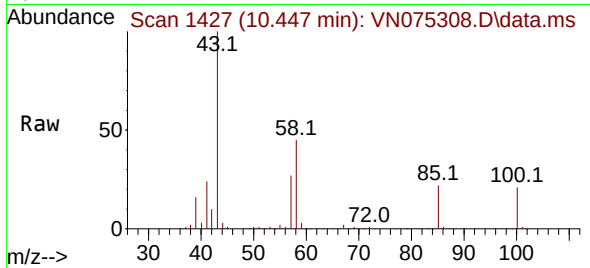
100 65.5 53.0 79.6





#51
4-Methyl-2-Pentanone
Concen: 270.646 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075308.D
Acq: 18 Nov 2022 12:19

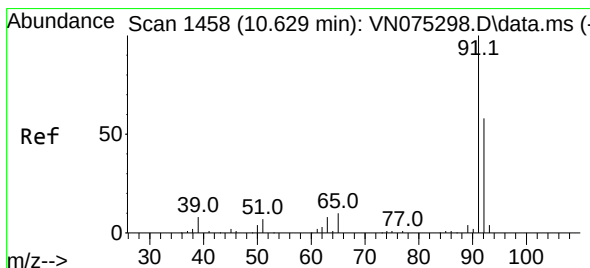
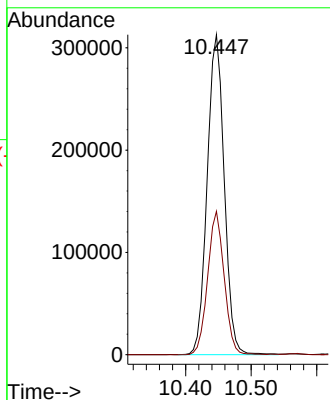
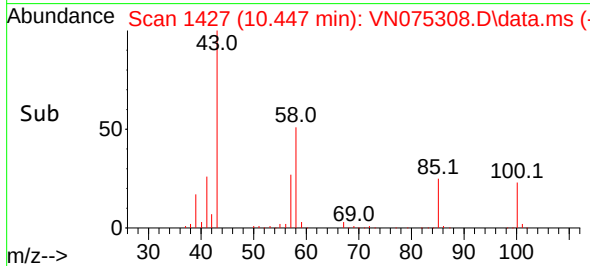
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



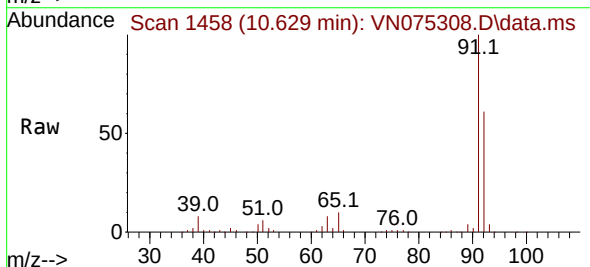
Tgt Ion: 43 Resp: 565210
Ion Ratio Lower Upper
43 100
58 43.4 33.6 50.4

Manual Integrations
APPROVED

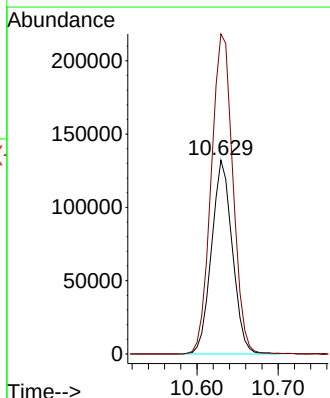
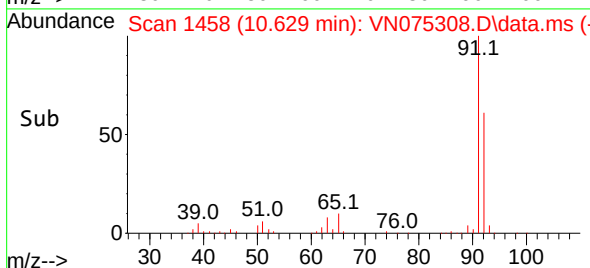
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

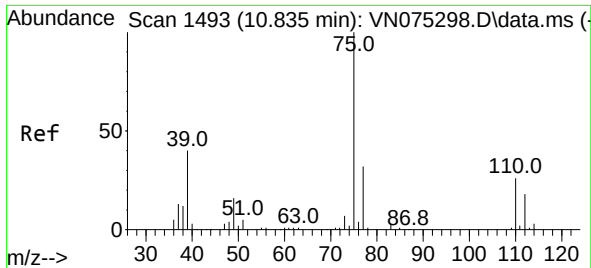


#52
Toluene
Concen: 60.454 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN075308.D
Acq: 18 Nov 2022 12:19



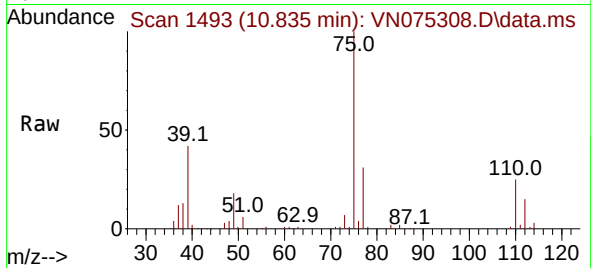
Tgt Ion: 92 Resp: 235400
Ion Ratio Lower Upper
92 100
91 172.8 135.4 203.2





#53
t-1,3-Dichloropropene
Concen: 59.646 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VN075308.D
Acq: 18 Nov 2022 12:19

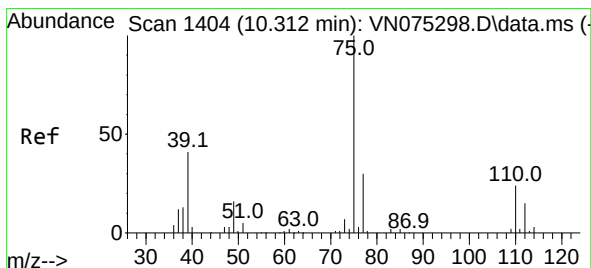
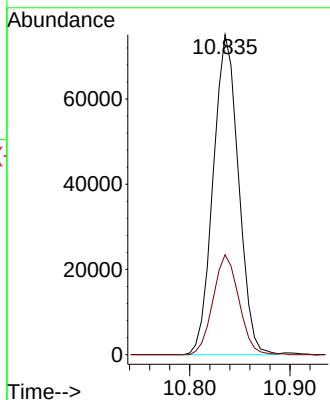
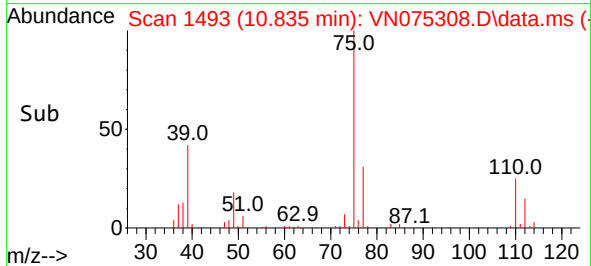
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



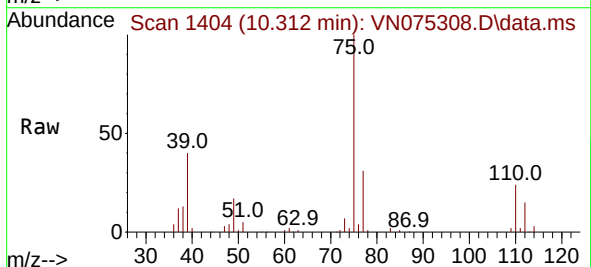
Tgt Ion: 75 Resp: 13167
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.2

Manual Integrations
APPROVED

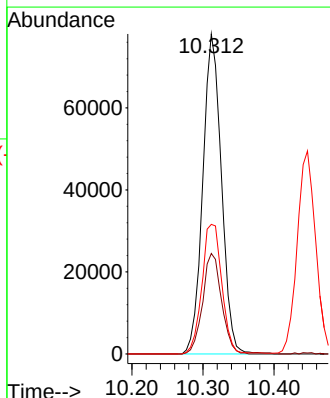
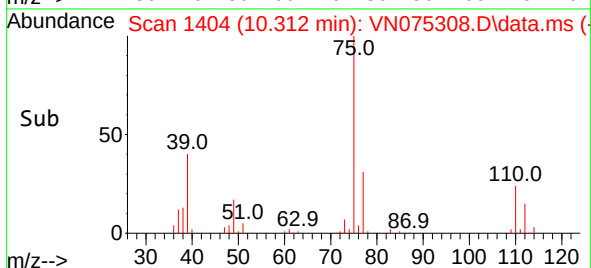
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

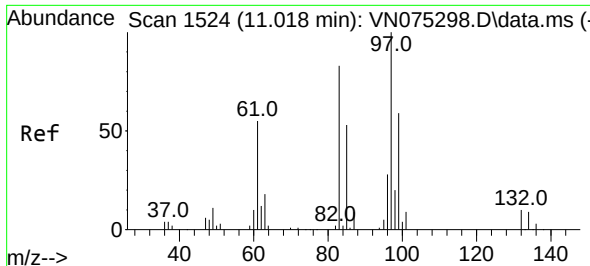


#54
cis-1,3-Dichloropropene
Concen: 60.866 ug/l
RT: 10.312 min Scan# 1404
Delta R.T. -0.006 min
Lab File: VN075308.D
Acq: 18 Nov 2022 12:19



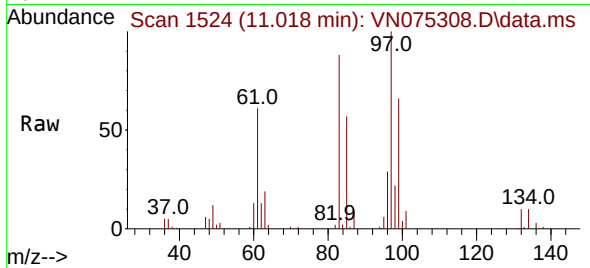
Tgt Ion: 75 Resp: 142514
Ion Ratio Lower Upper
75 100
77 31.4 23.7 35.5
39 40.5 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 60.475 ug/l
RT: 11.018 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN075308.D
Acq: 18 Nov 2022 12:19

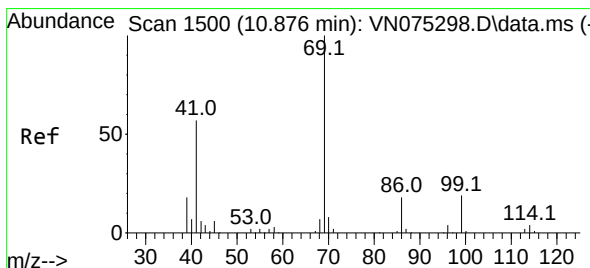
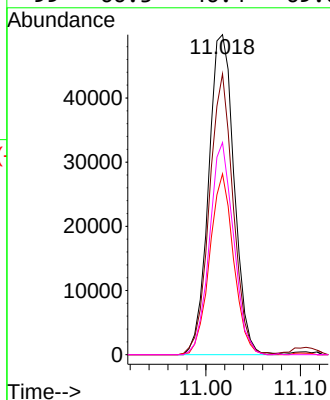
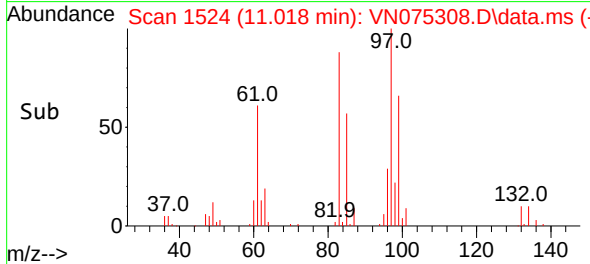
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:	97	Resp:	93370
Ion	Ratio	Lower	Upper
97	100		
83	87.7	65.9	98.9
85	56.5	40.4	60.6
99	66.3	46.4	69.6

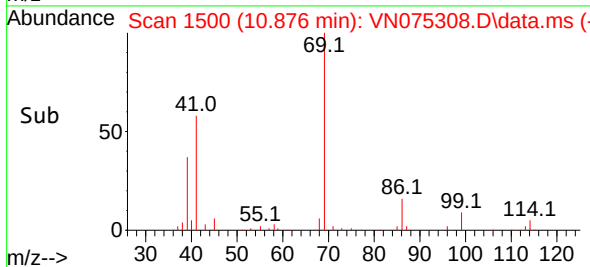
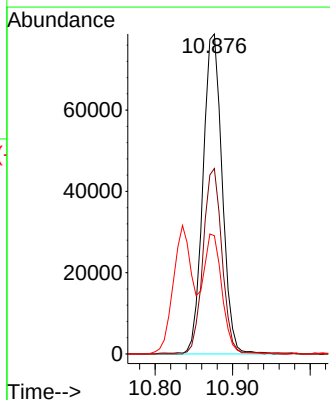
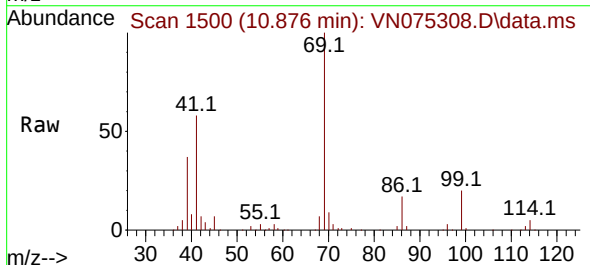
Manual Integrations
APPROVED

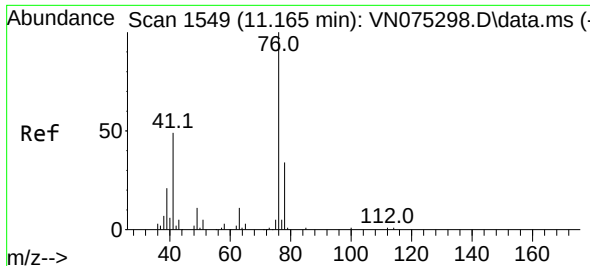
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#56
Ethyl methacrylate
Concen: 57.341 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.001 min
Lab File: VN075308.D
Acq: 18 Nov 2022 12:19

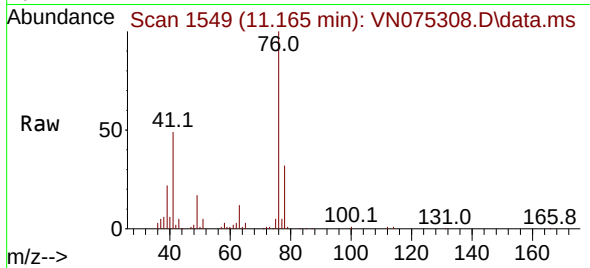
Tgt Ion:	69	Resp:	135044
Ion	Ratio	Lower	Upper
69	100		
41	58.1	45.6	68.4
39	37.1	28.5	42.7





#57
1,3-Dichloropropane
Concen: 58.995 ug/l
RT: 11.165 min Scan# 1549
Delta R.T. -0.000 min
Lab File: VN075308.D
Acq: 18 Nov 2022 12:19

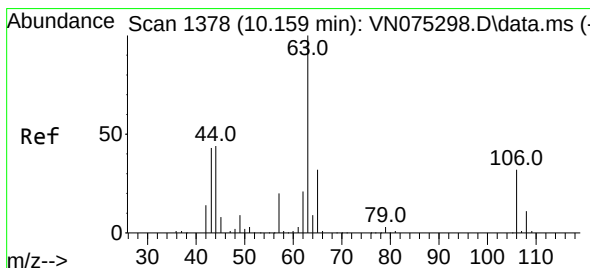
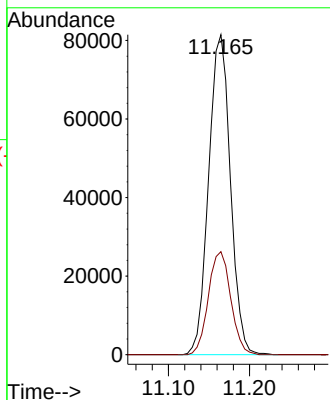
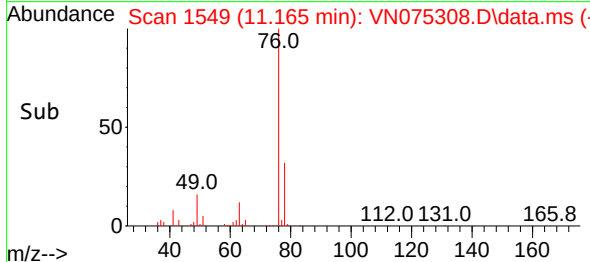
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 151688
Ion Ratio Lower Upper
76 100
78 33.1 25.8 38.6

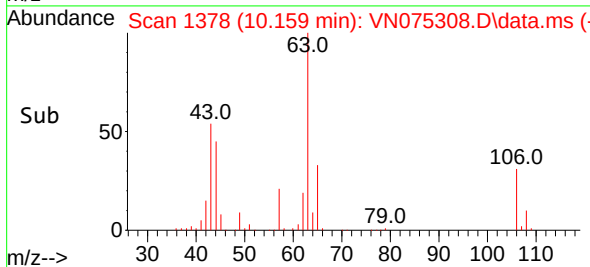
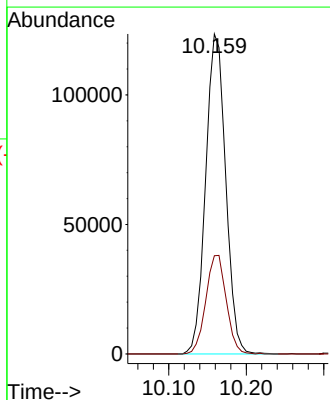
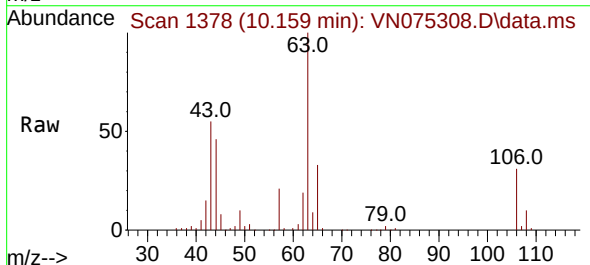
Manual Integrations
APPROVED

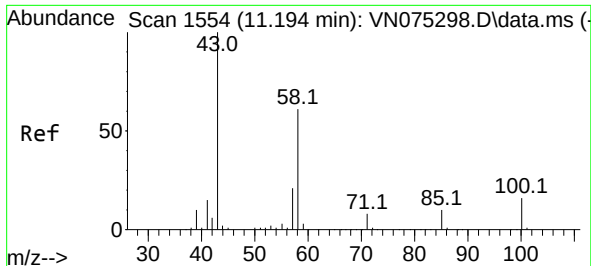
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#58
2-Chloroethyl Vinyl ether
Concen: 243.577 ug/l
RT: 10.159 min Scan# 1378
Delta R.T. -0.006 min
Lab File: VN075308.D
Acq: 18 Nov 2022 12:19

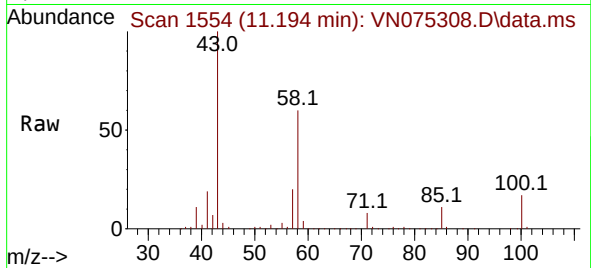
Tgt Ion: 63 Resp: 221771
Ion Ratio Lower Upper
63 100
106 31.4 24.8 37.2





#59
2-Hexanone
Concen: 269.312 ug/l
RT: 11.194 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VN075308.D
Acq: 18 Nov 2022 12:19

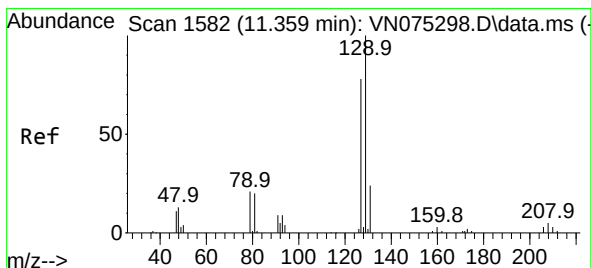
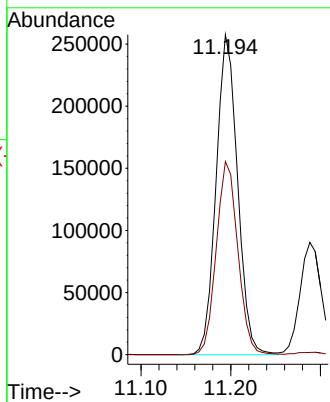
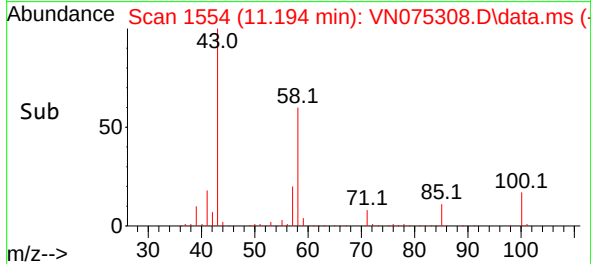
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



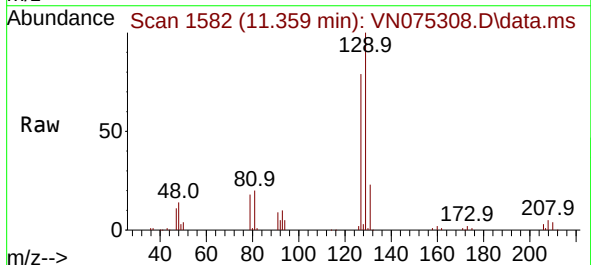
Tgt Ion: 43 Resp: 42686
Ion Ratio Lower Upper
43 100
58 60.9 29.6 88.8

Manual Integrations
APPROVED

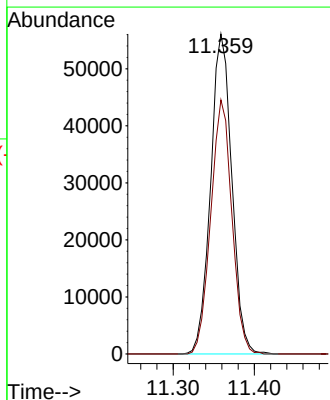
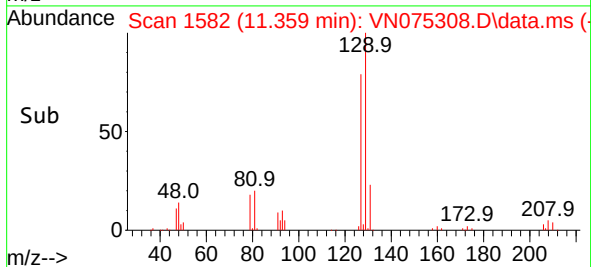
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

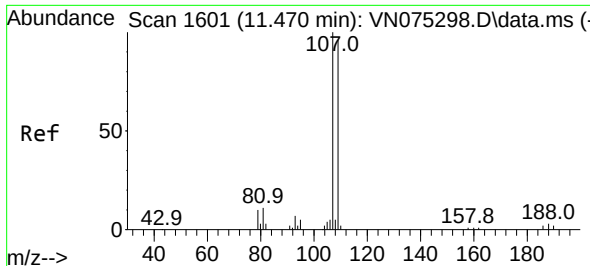


#60
Dibromochloromethane
Concen: 62.629 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075308.D
Acq: 18 Nov 2022 12:19



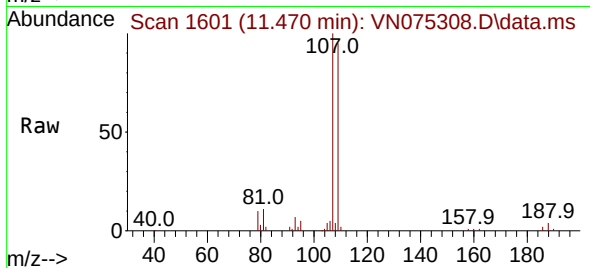
Tgt Ion:129 Resp: 102018
Ion Ratio Lower Upper
129 100
127 78.7 38.6 115.8





#61
1,2-Dibromoethane
Concen: 61.492 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. -0.001 min
Lab File: VN075308.D
Acq: 18 Nov 2022 12:19

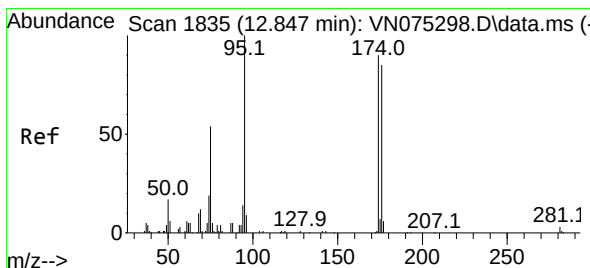
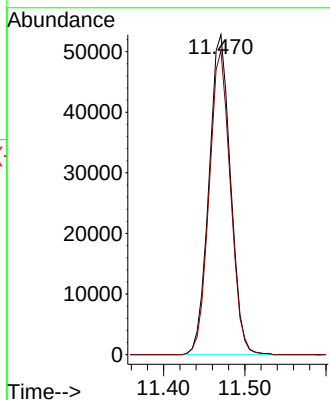
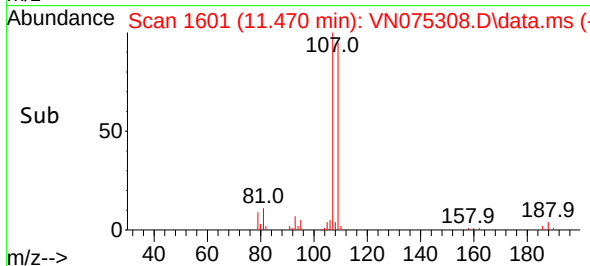
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



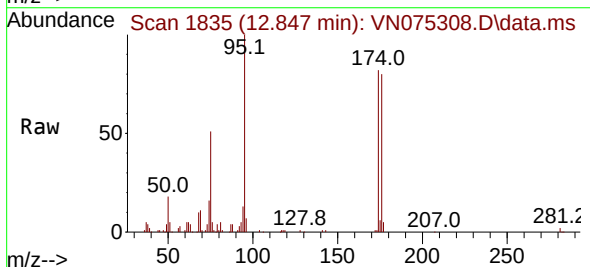
Tgt Ion:107 Resp: 97290
Ion Ratio Lower Upper
107 100
109 93.6 75.6 113.4

Manual Integrations
APPROVED

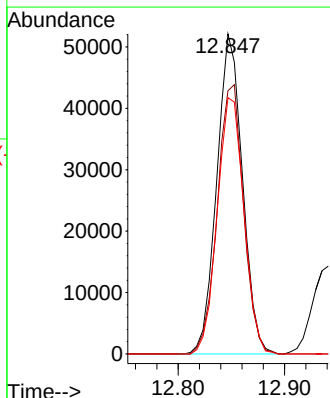
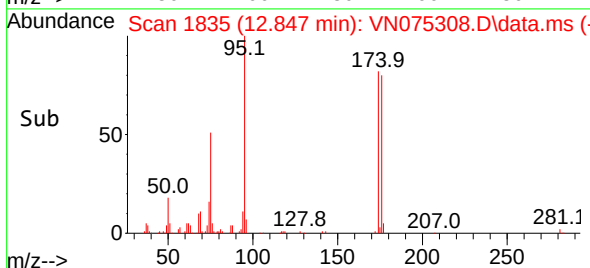
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

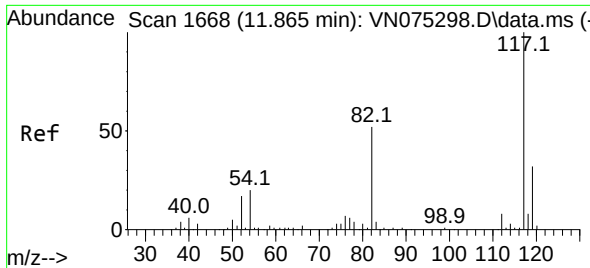


#62
4-Bromofluorobenzene
Concen: 52.008 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075308.D
Acq: 18 Nov 2022 12:19



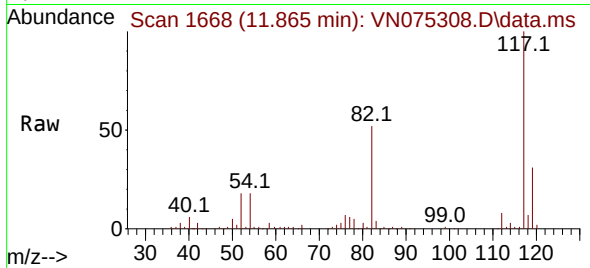
Tgt Ion: 95 Resp: 87101
Ion Ratio Lower Upper
95 100
174 85.9 0.0 147.4
176 83.3 0.0 142.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN075308.D
Acq: 18 Nov 2022 12:19

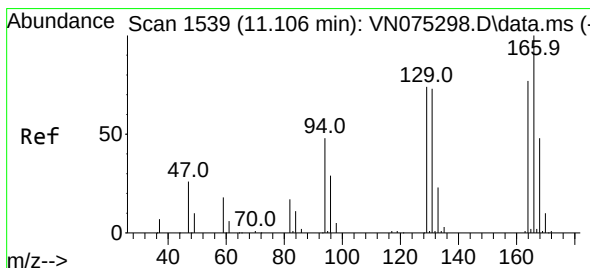
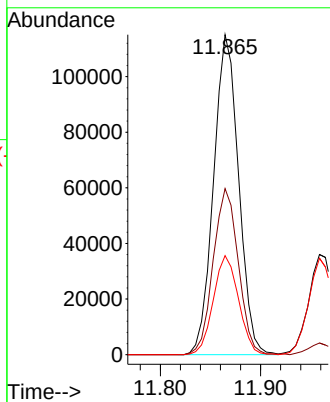
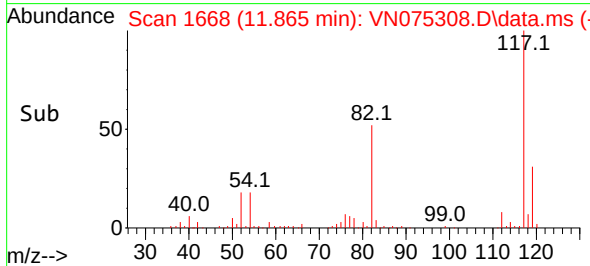
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



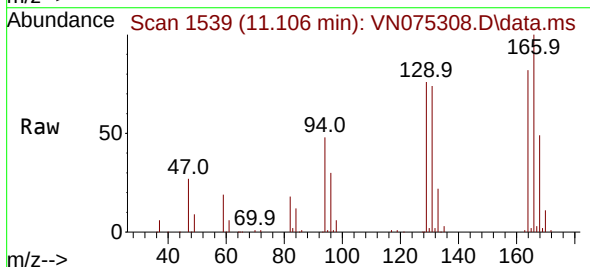
Tgt Ion:117 Resp: 199472
Ion Ratio Lower Upper
117 100
82 51.9 43.1 64.7
119 30.9 25.5 38.3

Manual Integrations
APPROVED

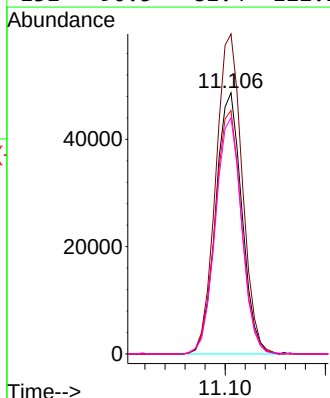
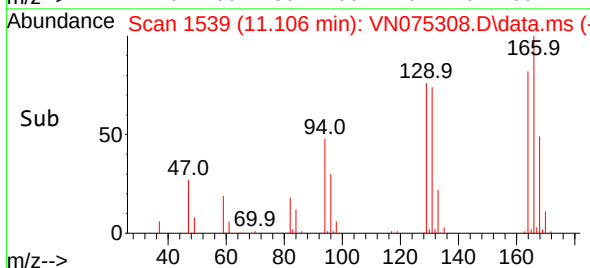
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

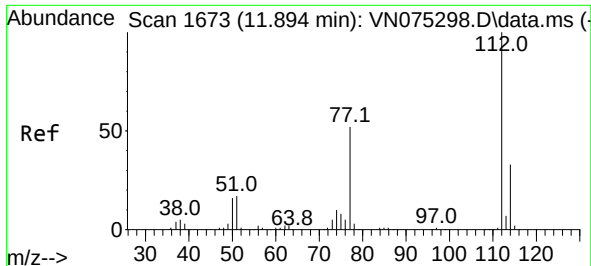


#64
Tetrachloroethene
Concen: 72.063 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075308.D
Acq: 18 Nov 2022 12:19



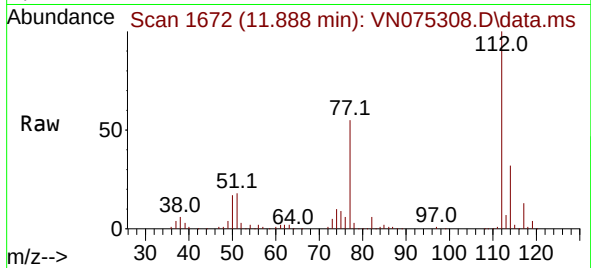
Tgt Ion:164 Resp: 88128
Ion Ratio Lower Upper
164 100
166 122.6 106.5 159.7
129 93.2 81.9 122.9
131 90.5 81.4 122.2





#65
Chlorobenzene
Concen: 59.150 ug/l
RT: 11.888 min Scan# 1672
Delta R.T. -0.006 min
Lab File: VN075308.D
Acq: 18 Nov 2022 12:19

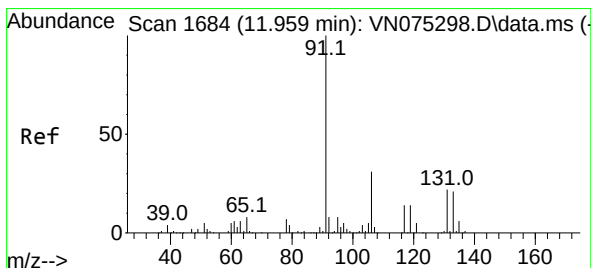
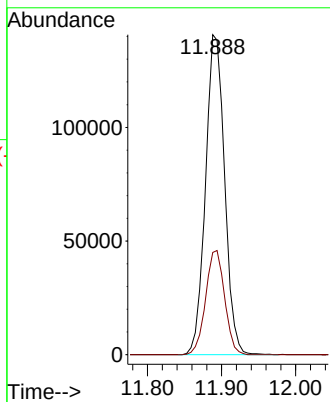
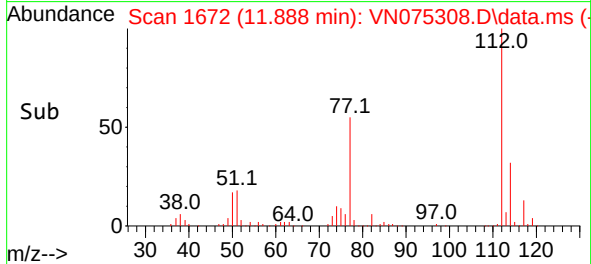
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 251849
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.2

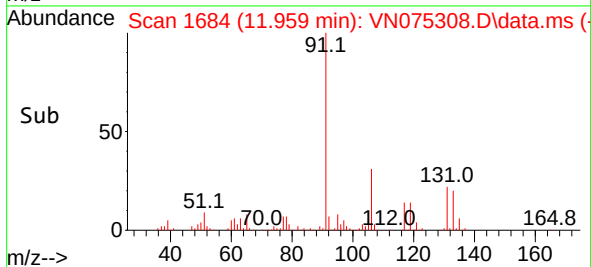
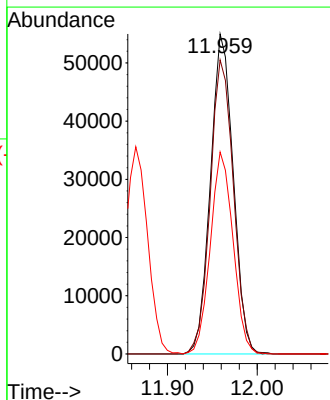
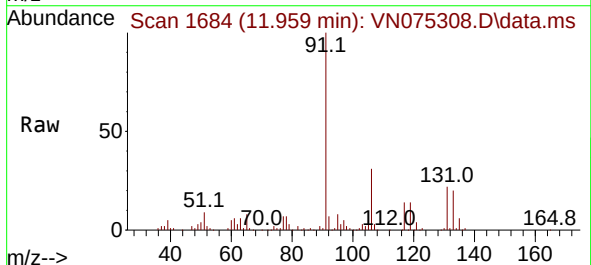
Manual Integrations
APPROVED

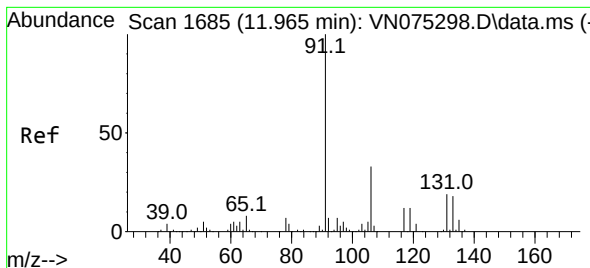
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 61.400 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN075308.D
Acq: 18 Nov 2022 12:19

Tgt Ion:131 Resp: 96979
Ion Ratio Lower Upper
131 100
133 93.6 47.8 143.4
119 62.8 33.0 99.0





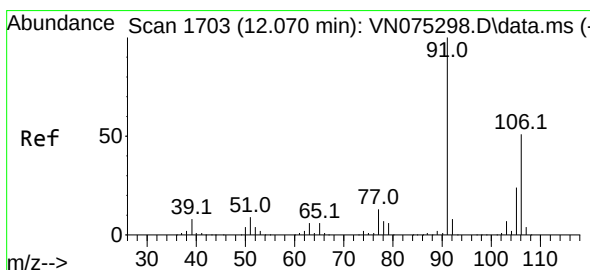
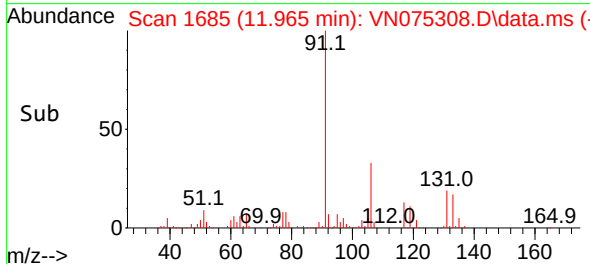
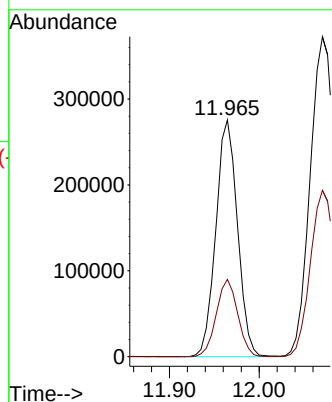
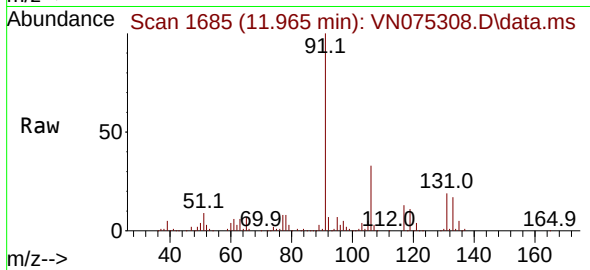
#67
Ethyl Benzene
Concen: 60.239 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075308.D
Acq: 18 Nov 2022 12:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 461448
Ion Ratio Lower Upper
91 100
106 32.6 24.9 37.3

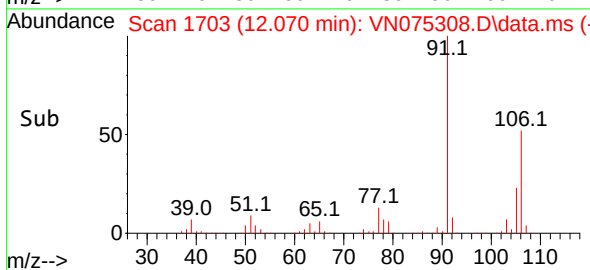
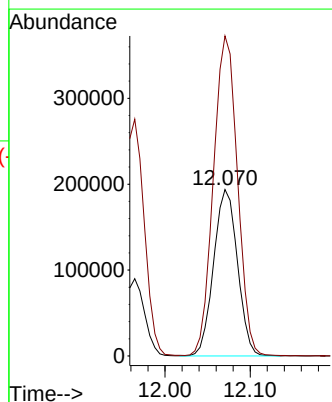
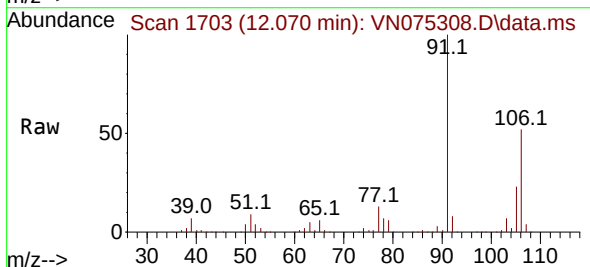
Manual Integrations
APPROVED

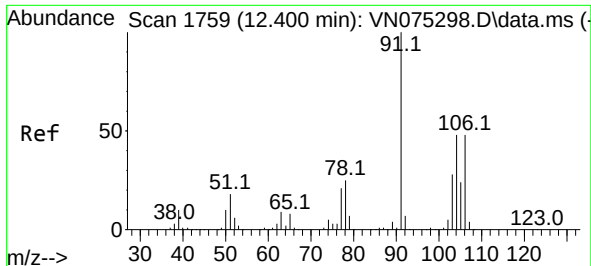
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#68
m/p-Xylenes
Concen: 122.599 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN075308.D
Acq: 18 Nov 2022 12:19

Tgt Ion:106 Resp: 376832
Ion Ratio Lower Upper
106 100
91 194.6 156.0 234.0





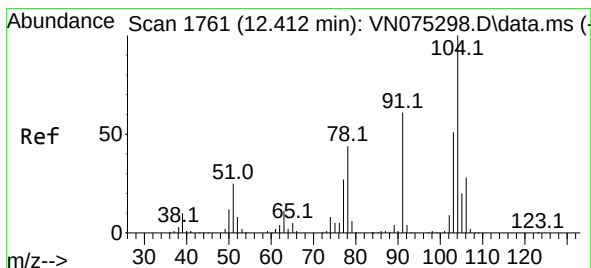
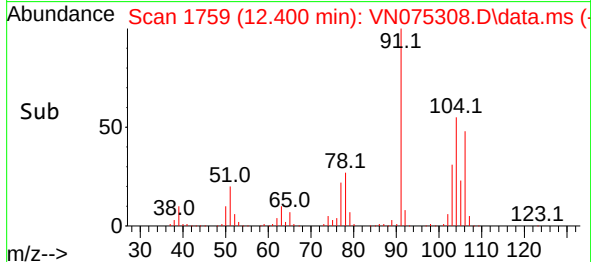
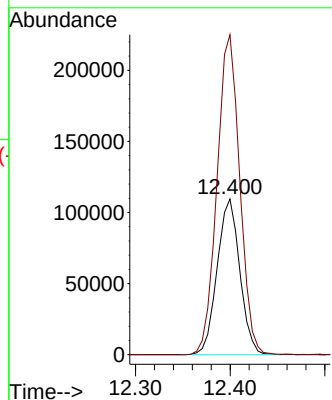
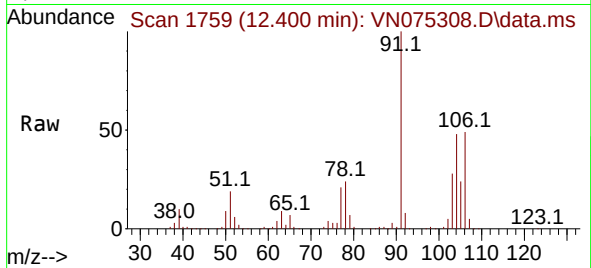
#69
o-Xylene
Concen: 59.882 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075308.D
Acq: 18 Nov 2022 12:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 18202
Ion Ratio Lower Upper
106 100
91 206.4 105.2 315.5

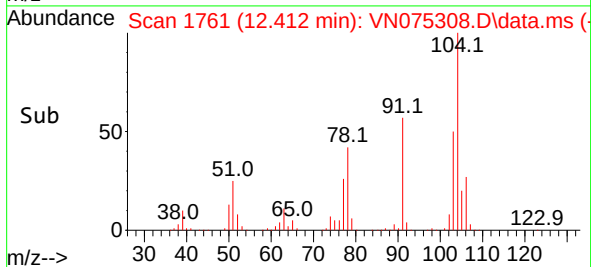
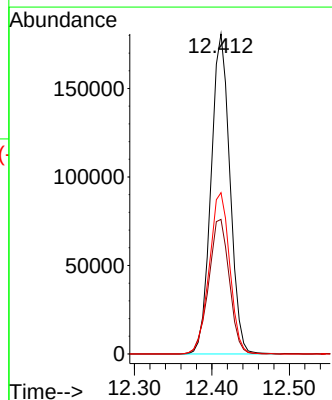
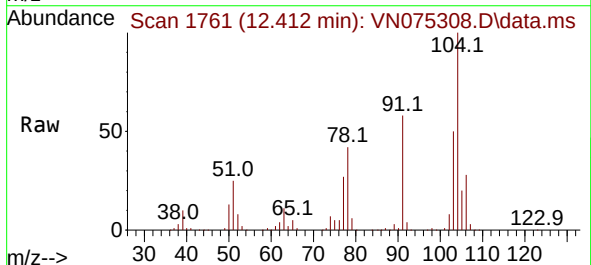
Manual Integrations
APPROVED

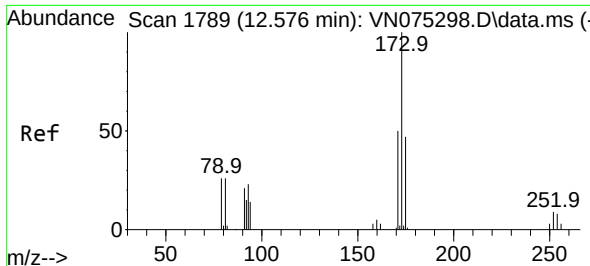
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#70
Styrene
Concen: 63.165 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075308.D
Acq: 18 Nov 2022 12:19

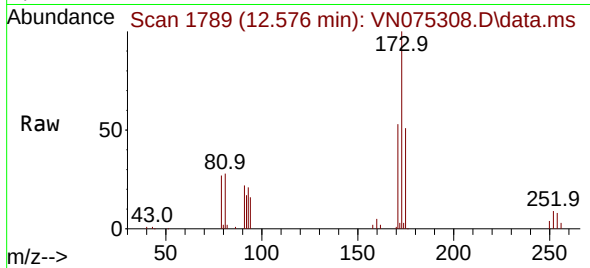
Tgt Ion:104 Resp: 306148
Ion Ratio Lower Upper
104 100
78 46.1 38.1 57.1
103 54.6 44.6 66.8





#71
Bromoform
Concen: 67.426 ug/l
RT: 12.576 min Scan# 1789
Delta R.T. -0.006 min
Lab File: VN075308.D
Acq: 18 Nov 2022 12:19

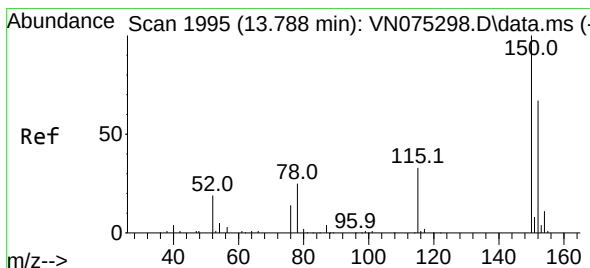
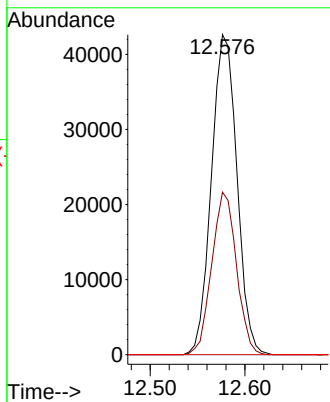
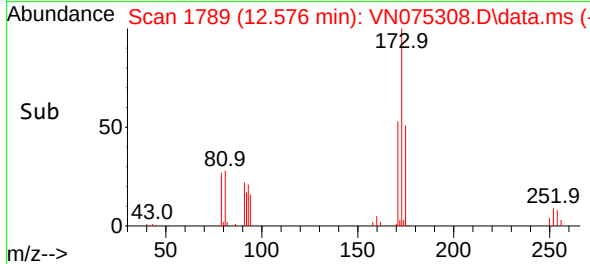
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



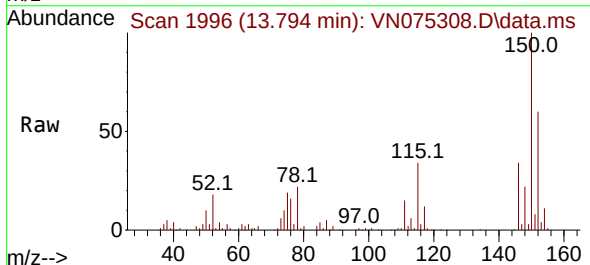
Tgt Ion:173 Resp: 79734
Ion Ratio Lower Upper
173 100
175 49.2 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

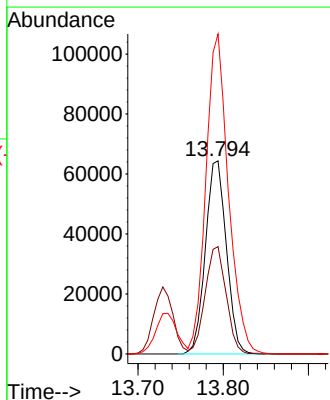
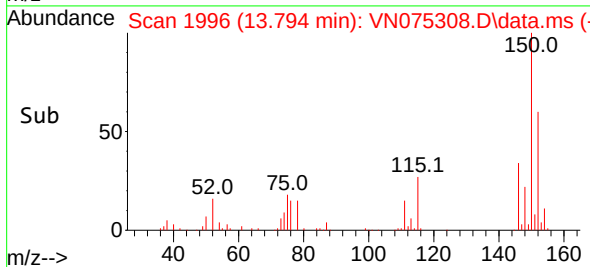
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

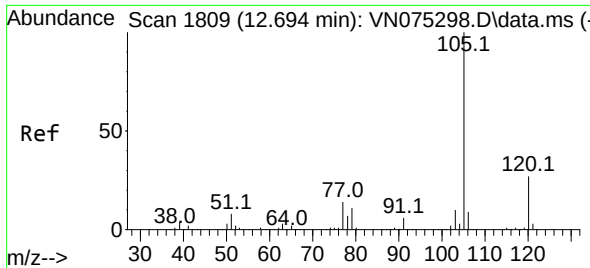


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075308.D
Acq: 18 Nov 2022 12:19



Tgt Ion:152 Resp: 110207
Ion Ratio Lower Upper
152 100
115 55.5 30.2 90.6
150 177.6 0.0 348.4





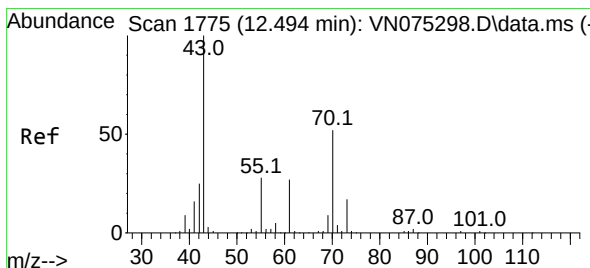
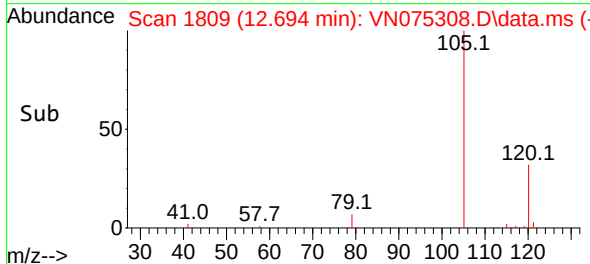
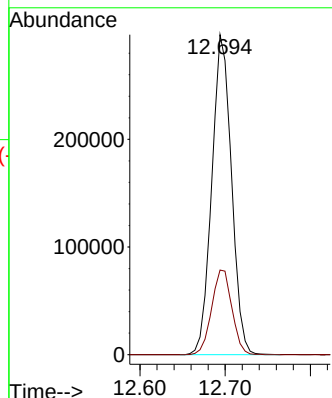
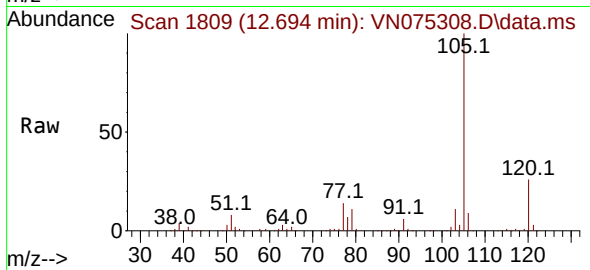
#73
Isopropylbenzene
Concen: 53.871 ug/l
RT: 12.694 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VN075308.D
Acq: 18 Nov 2022 12:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 47663
Ion Ratio Lower Upper
105 100
120 27.2 13.1 39.1

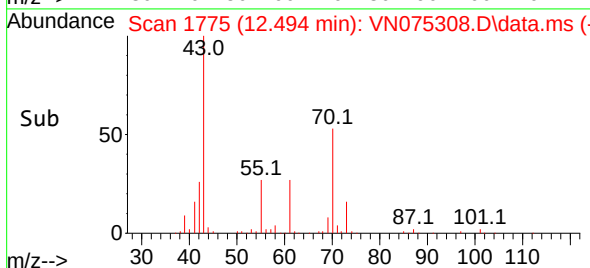
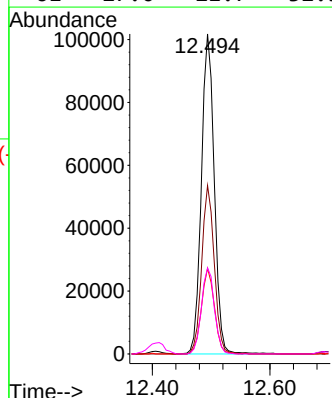
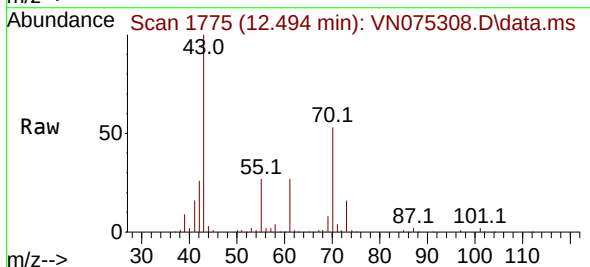
Manual Integrations
APPROVED

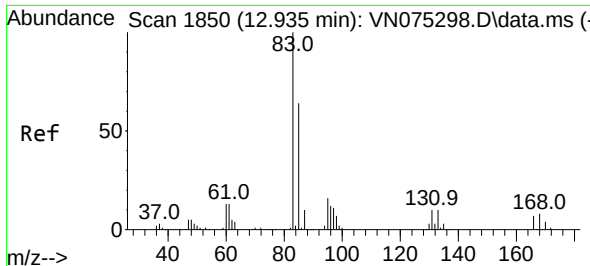
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#74
N-ethyl acetate
Concen: 47.326 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN075308.D
Acq: 18 Nov 2022 12:19

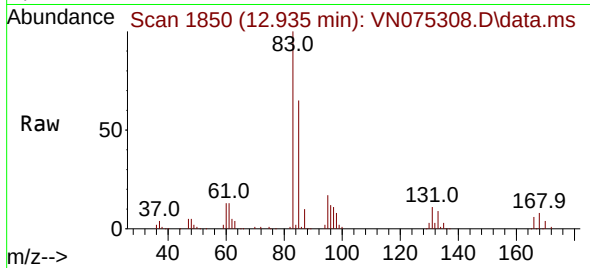
Tgt Ion: 43 Resp: 154864
Ion Ratio Lower Upper
43 100
70 51.2 39.8 59.8
55 26.9 19.9 29.9
61 27.0 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 56.590 ug/l
RT: 12.935 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VN075308.D
Acq: 18 Nov 2022 12:19

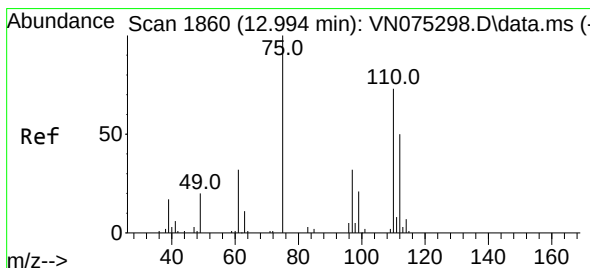
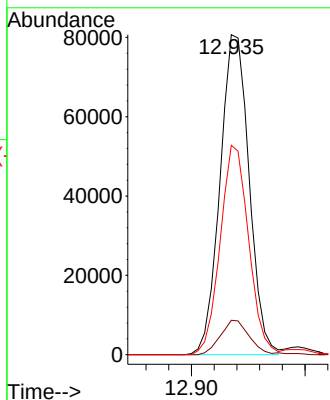
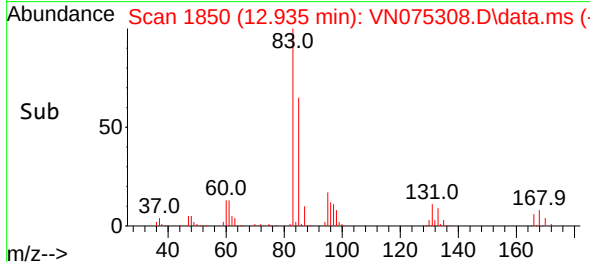
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 14344
Ion Ratio Lower Upper
83 100
131 11.0 5.1 15.3
85 64.0 31.6 94.7

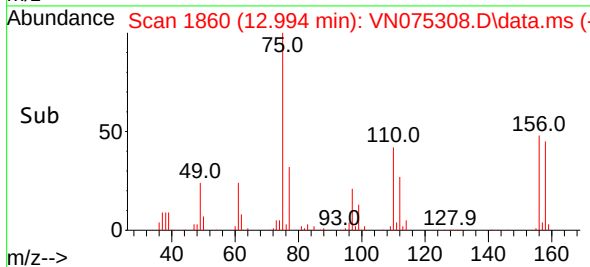
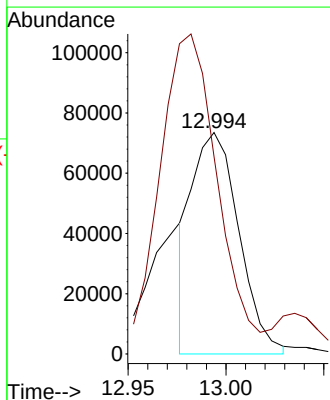
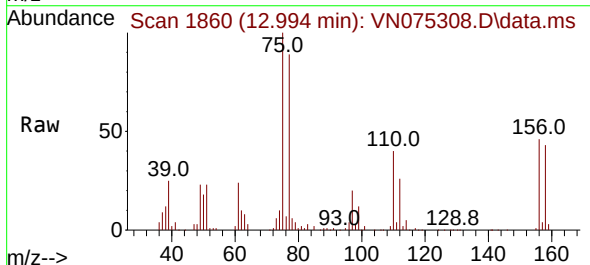
Manual Integrations
APPROVED

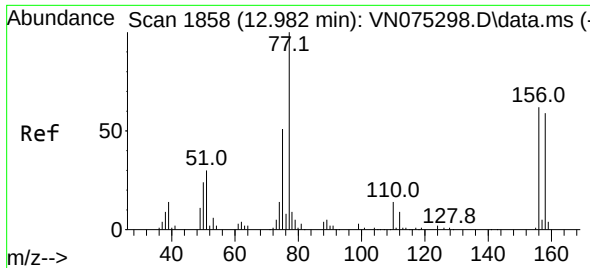
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#76
1,2,3-Trichloropropane
Concen: 52.491 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN075308.D
Acq: 18 Nov 2022 12:19

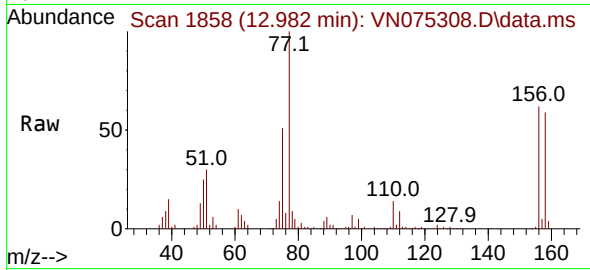
Tgt Ion: 75 Resp: 122829
Ion Ratio Lower Upper
75 100
77 178.7 75.6 226.8





#77
Bromobenzene
Concen: 59.838 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075308.D
Acq: 18 Nov 2022 12:19

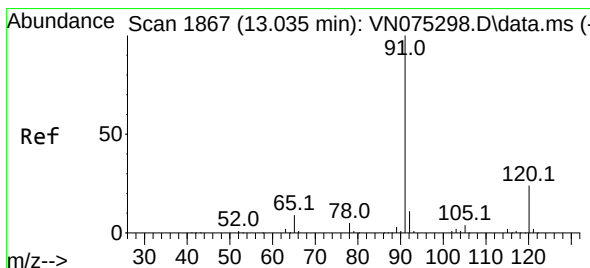
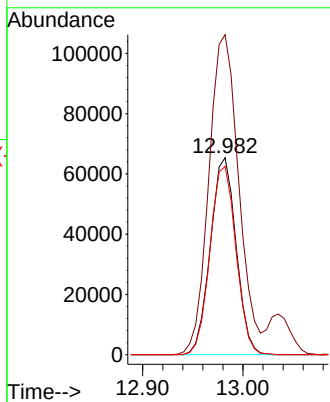
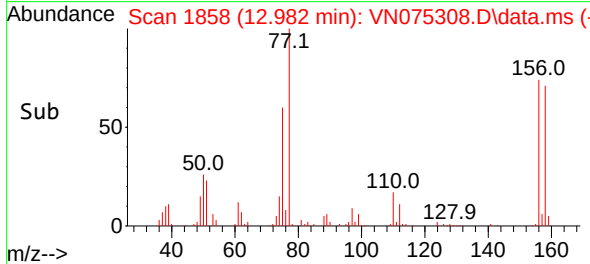
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



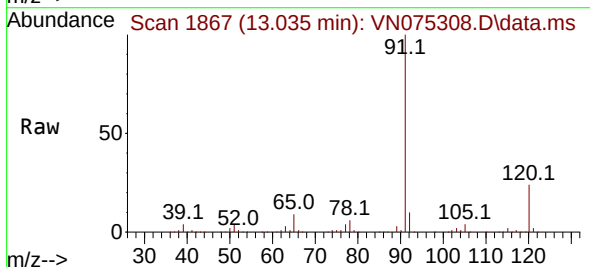
Tgt Ion:156 Resp: 116572
Ion Ratio Lower Upper
156 100
77 188.3 108.5 325.5
158 96.6 47.7 143.1

Manual Integrations
APPROVED

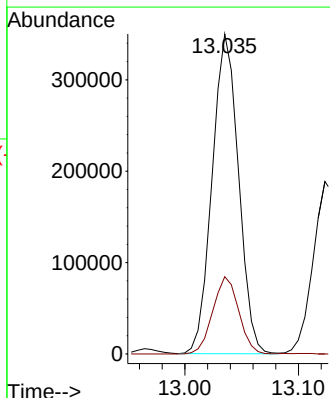
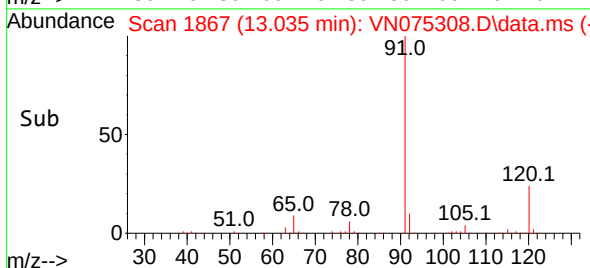
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

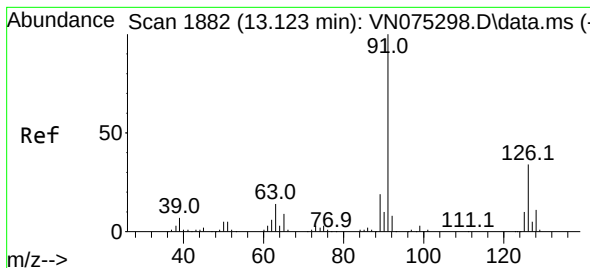


#78
n-propylbenzene
Concen: 56.874 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN075308.D
Acq: 18 Nov 2022 12:19



Tgt Ion: 91 Resp: 564952
Ion Ratio Lower Upper
91 100
120 23.7 11.9 35.5





#79

2-Chlorotoluene

Concen: 54.345 ug/l

RT: 13.123 min Scan# 1882

Delta R.T. -0.006 min

Lab File: VN075308.D

Acq: 18 Nov 2022 12:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 32988

Ion Ratio Lower Upper

91 100

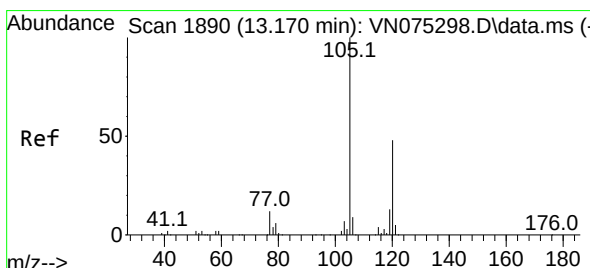
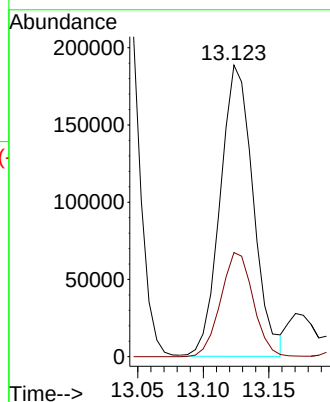
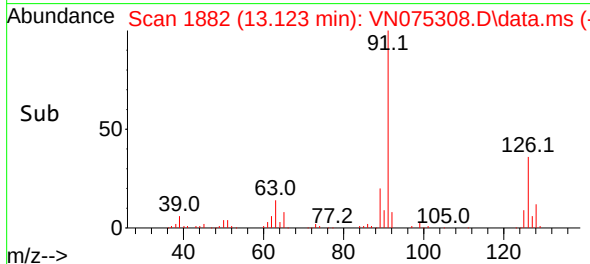
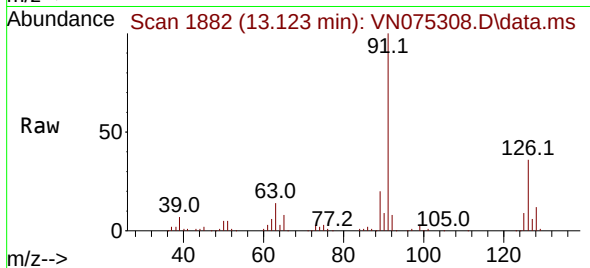
126 35.3 16.9 50.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#80

1,3,5-Trimethylbenzene

Concen: 56.026 ug/l

RT: 13.176 min Scan# 1891

Delta R.T. 0.000 min

Lab File: VN075308.D

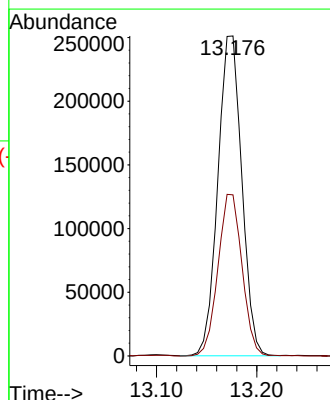
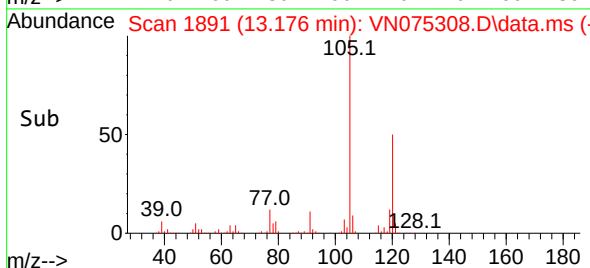
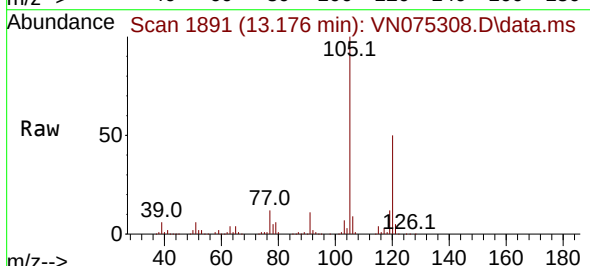
Acq: 18 Nov 2022 12:19

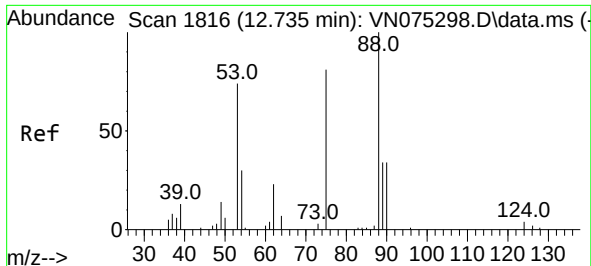
Tgt Ion:105 Resp: 416345

Ion Ratio Lower Upper

105 100

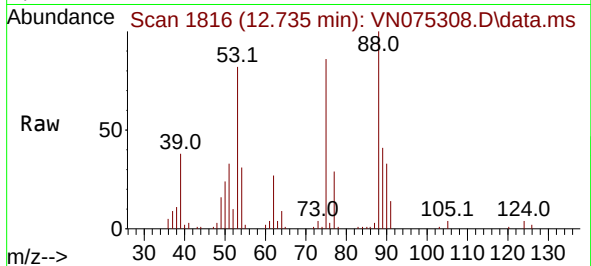
120 50.9 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 49.114 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. -0.006 min
Lab File: VN075308.D
Acq: 18 Nov 2022 12:19

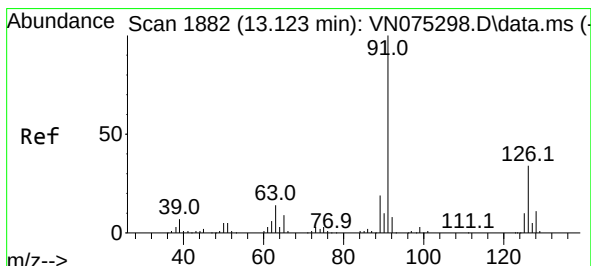
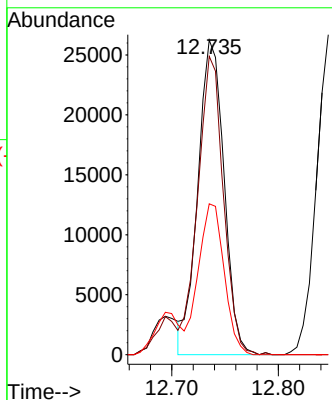
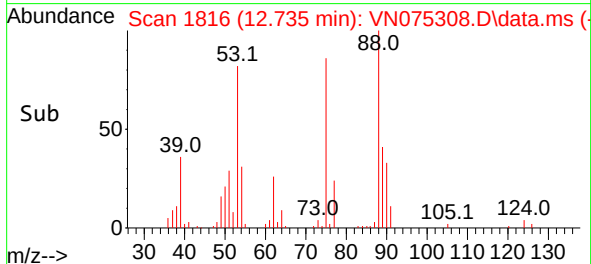
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



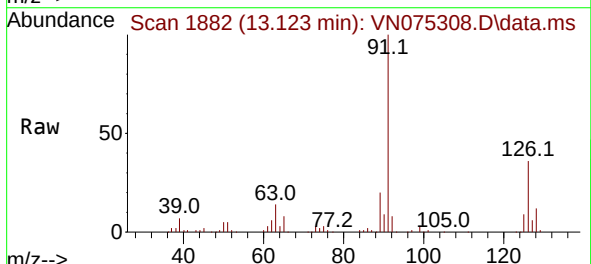
Tgt Ion: 75 Resp: 4477
Ion Ratio Lower Upper
75 100
53 93.0 78.5 117.7
89 47.2 37.7 56.5

Manual Integrations
APPROVED

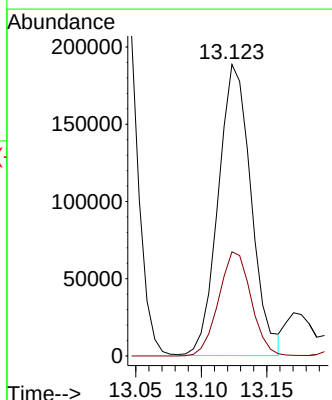
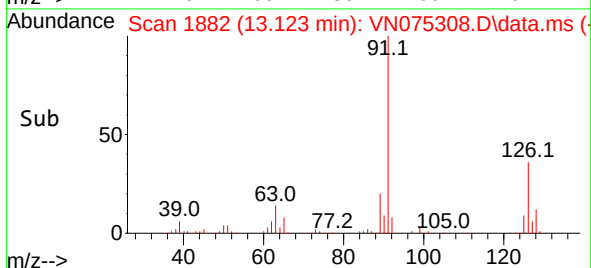
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

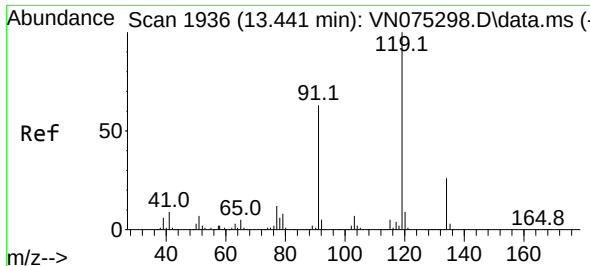


#82
4-Chlorotoluene
Concen: 54.345 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN075308.D
Acq: 18 Nov 2022 12:19



Tgt Ion: 91 Resp: 329882
Ion Ratio Lower Upper
91 100
126 35.3 16.9 50.7





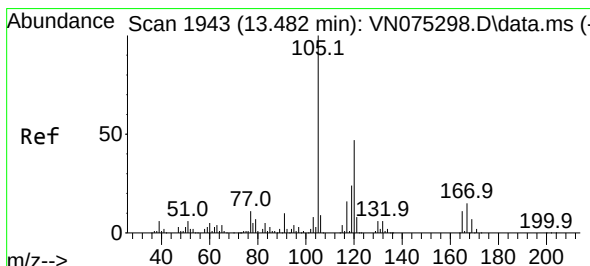
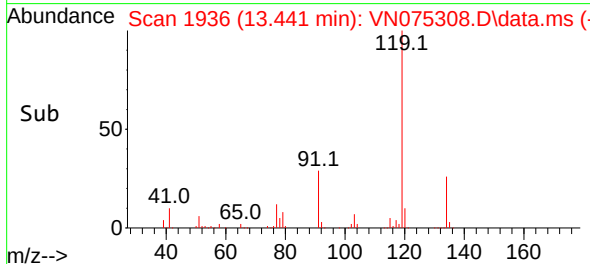
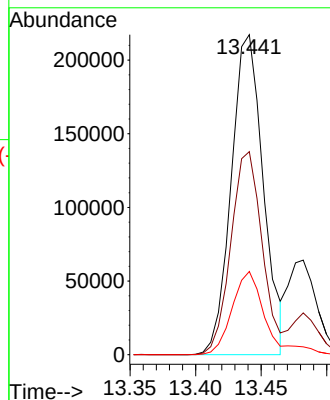
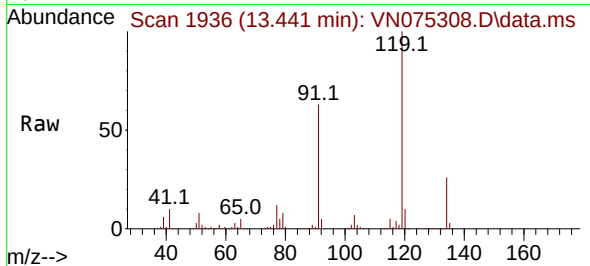
#83
tert-Butylbenzene
Concen: 55.936 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN075308.D
Acq: 18 Nov 2022 12:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 36935
Ion Ratio Lower Upper
119 100
91 62.0 32.8 98.4
134 27.0 12.3 36.9

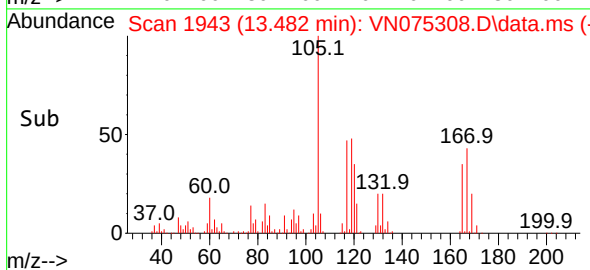
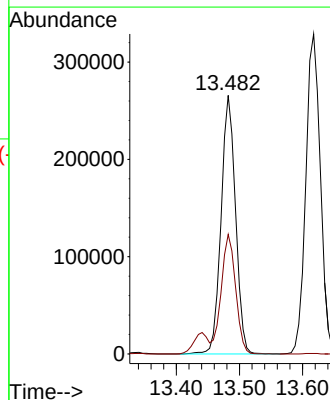
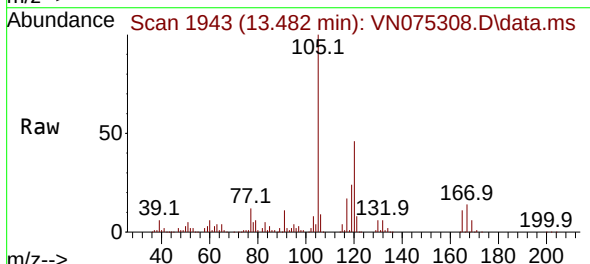
Manual Integrations
APPROVED

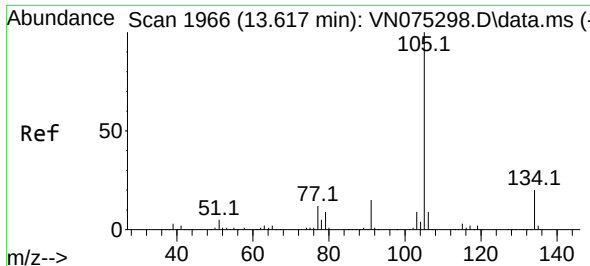
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#84
1,2,4-Trimethylbenzene
Concen: 56.256 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075308.D
Acq: 18 Nov 2022 12:19

Tgt Ion:105 Resp: 422978
Ion Ratio Lower Upper
105 100
120 46.3 22.7 68.1





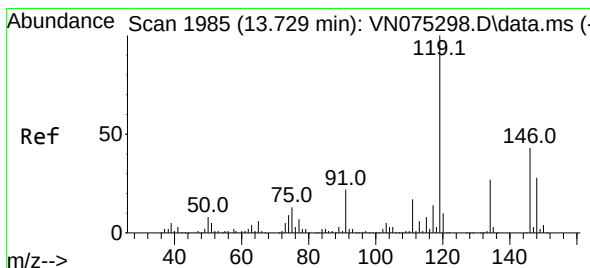
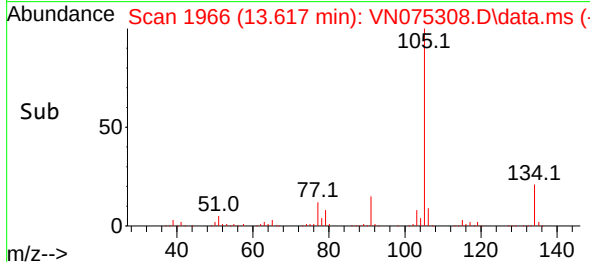
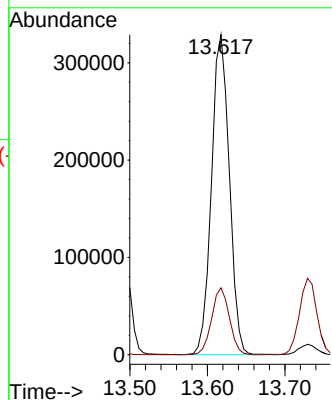
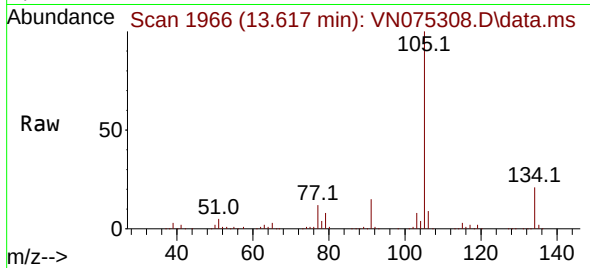
#85
 sec-Butylbenzene
 Concen: 56.978 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.001 min
 Lab File: VN075308.D
 Acq: 18 Nov 2022 12:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 526320
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.2 30.6

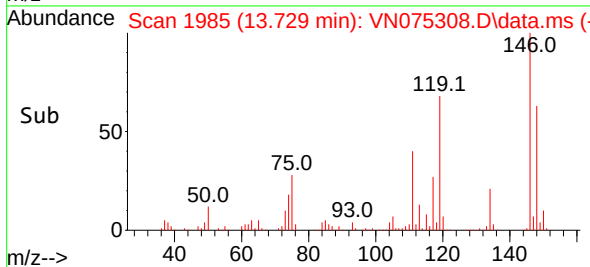
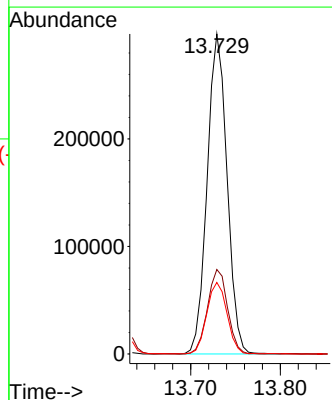
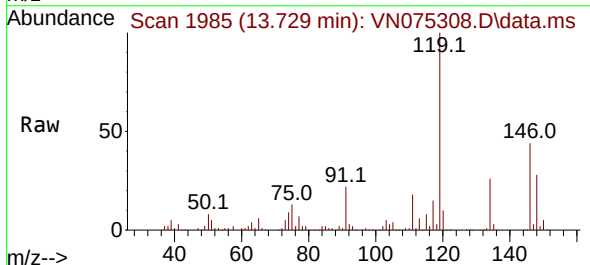
Manual Integrations
 APPROVED

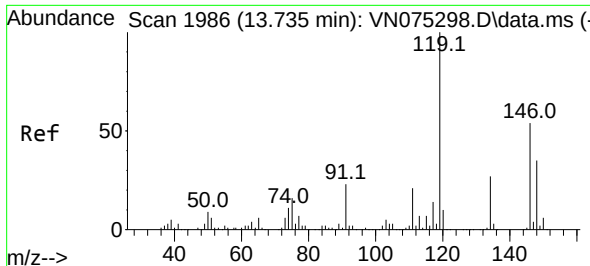
Reviewed By :John Carlone 11/21/2022
 Supervised By :Mahesh Dadoda 11/21/2022



#86
 p-Isopropyltoluene
 Concen: 60.062 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.006 min
 Lab File: VN075308.D
 Acq: 18 Nov 2022 12:19

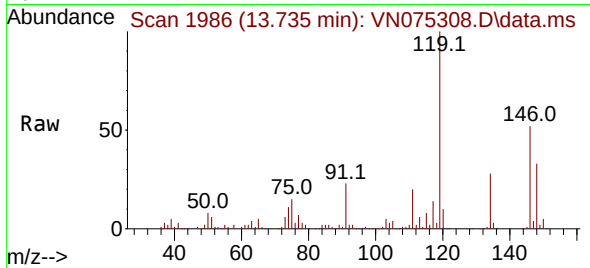
Tgt Ion:119 Resp: 458199
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.1 39.3
 91 22.6 11.9 35.5





#87
1,3-Dichlorobenzene
Concen: 61.125 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN075308.D
Acq: 18 Nov 2022 12:19

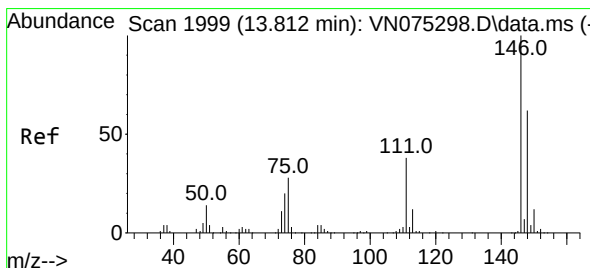
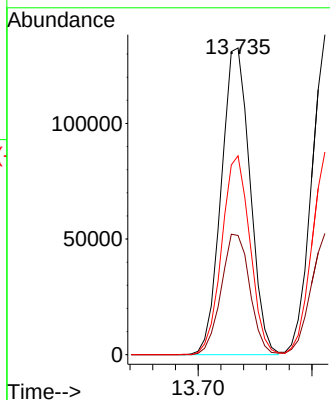
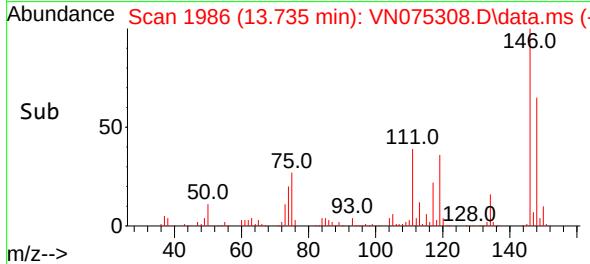
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



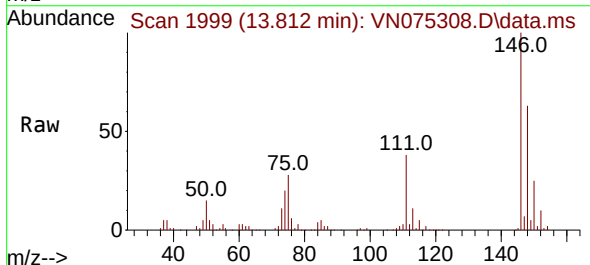
Tgt Ion:146 Resp: 233152
Ion Ratio Lower Upper
146 100
111 39.2 20.8 62.5
148 63.6 31.1 93.5

Manual Integrations
APPROVED

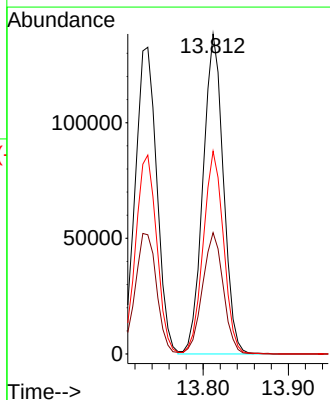
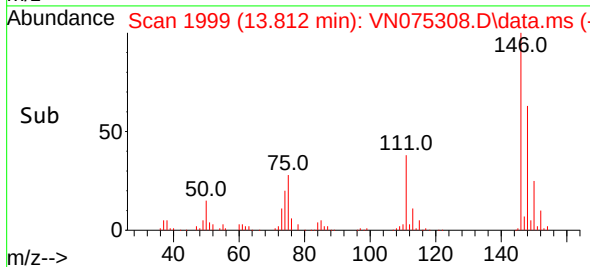
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

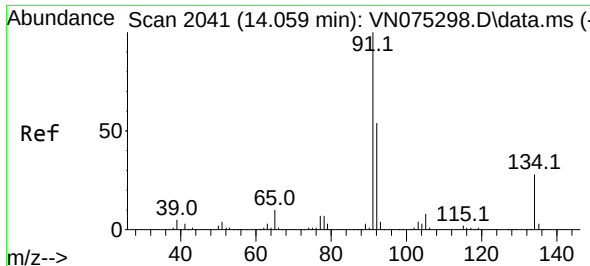


#88
1,4-Dichlorobenzene
Concen: 60.786 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN075308.D
Acq: 18 Nov 2022 12:19



Tgt Ion:146 Resp: 229467
Ion Ratio Lower Upper
146 100
111 38.3 20.1 60.3
148 63.2 31.9 95.7





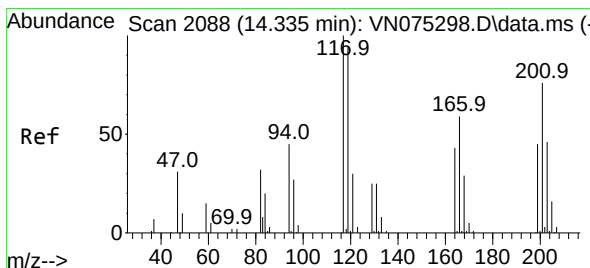
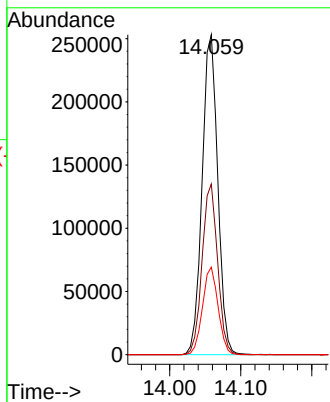
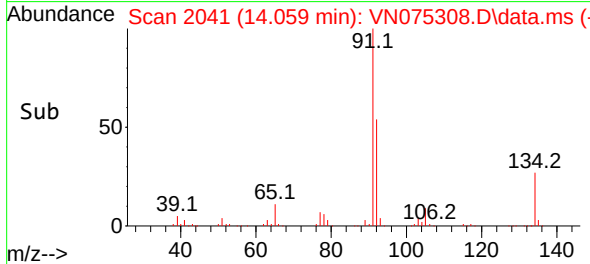
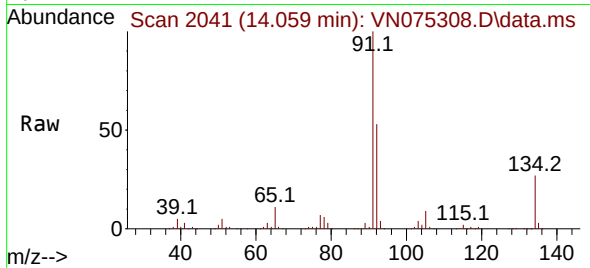
#89
n-Butylbenzene
Concen: 63.142 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075308.D
Acq: 18 Nov 2022 12:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 38790
Ion Ratio Lower Upper
91 100
92 53.0 26.5 79.4
134 27.3 13.0 39.0

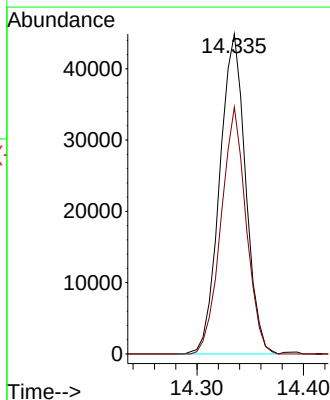
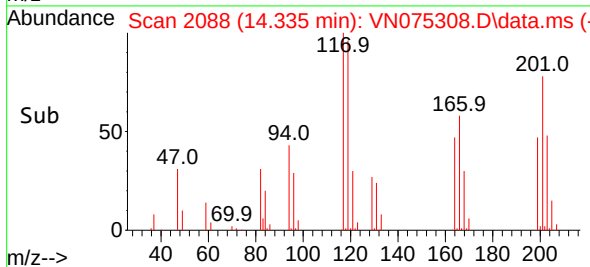
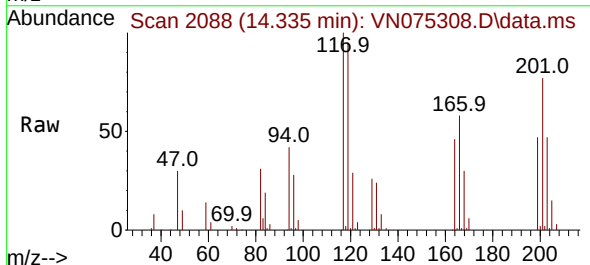
Manual Integrations
APPROVED

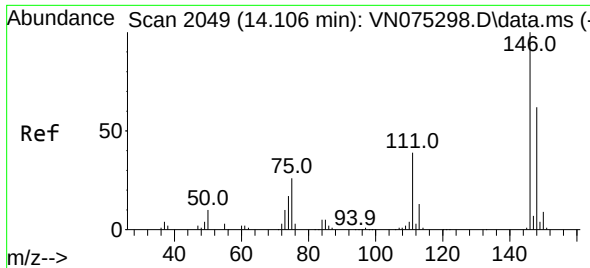
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#90
Hexachloroethane
Concen: 54.176 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075308.D
Acq: 18 Nov 2022 12:19

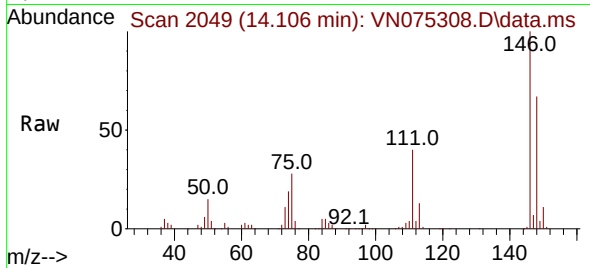
Tgt Ion:117 Resp: 75778
Ion Ratio Lower Upper
117 100
201 74.7 31.5 94.5





#91
1,2-Dichlorobenzene
Concen: 59.710 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075308.D
Acq: 18 Nov 2022 12:19

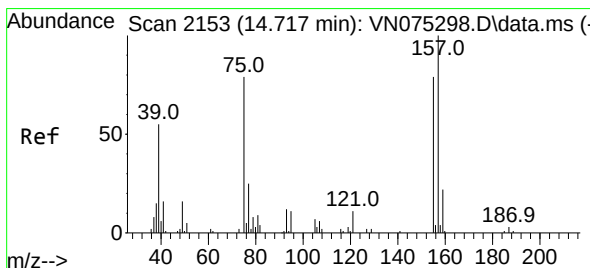
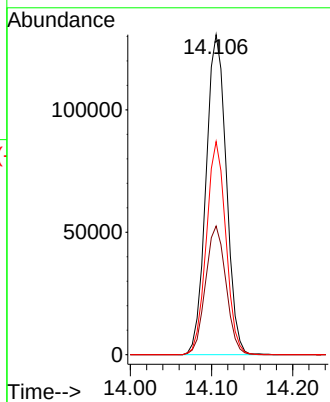
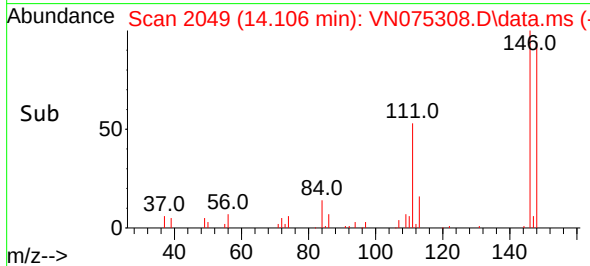
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



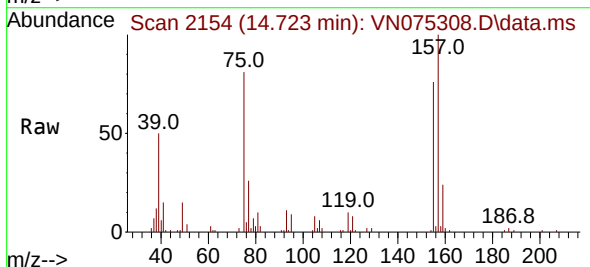
Tgt Ion:146 Resp: 22642
Ion Ratio Lower Upper
146 100
111 40.7 21.3 63.9
148 64.1 31.4 94.2

Manual Integrations
APPROVED

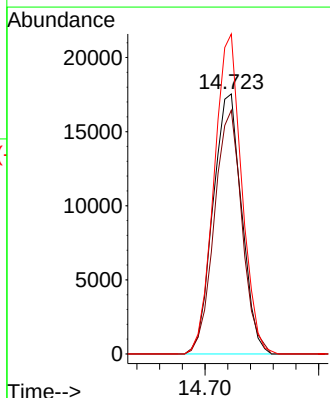
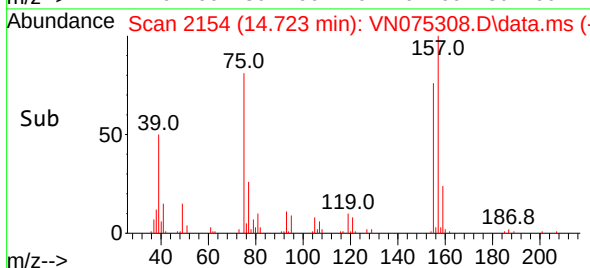
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

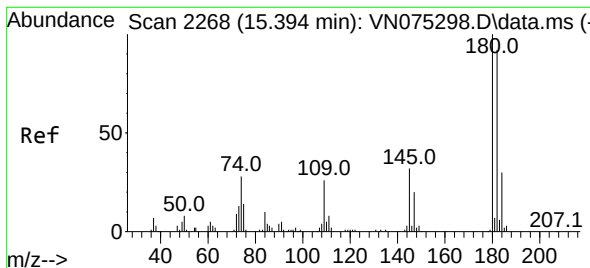


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.534 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.006 min
Lab File: VN075308.D
Acq: 18 Nov 2022 12:19



Tgt Ion: 75 Resp: 30755
Ion Ratio Lower Upper
75 100
155 90.6 42.1 126.3
157 118.4 51.7 155.1





#93

1,2,4-Trichlorobenzene

Concen: 76.592 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. -0.000 min

Lab File: VN075308.D

Acq: 18 Nov 2022 12:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 124980

Ion Ratio Lower Upper

180 100

182 95.4 47.8 143.4

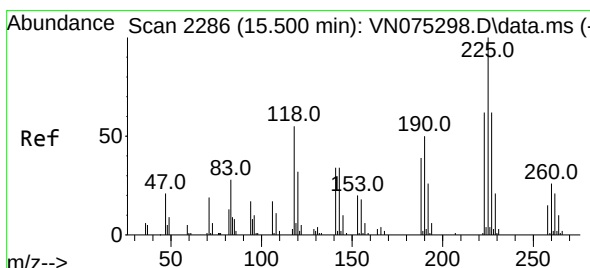
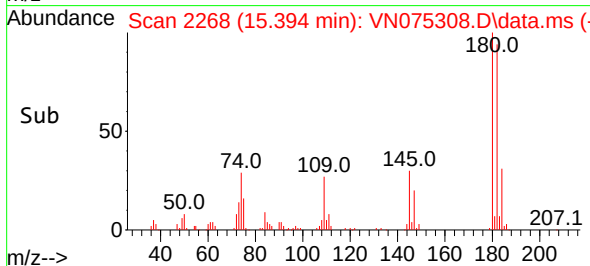
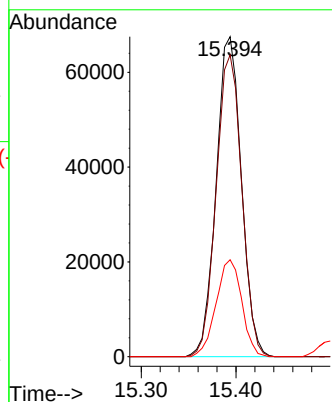
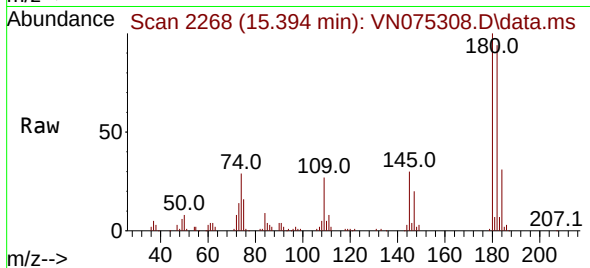
145 30.8 16.8 50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#94

Hexachlorobutadiene

Concen: 78.751 ug/l

RT: 15.500 min Scan# 2286

Delta R.T. -0.000 min

Lab File: VN075308.D

Acq: 18 Nov 2022 12:19

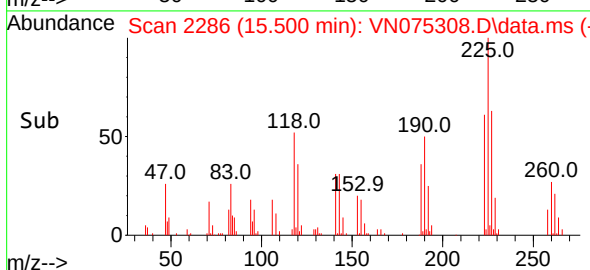
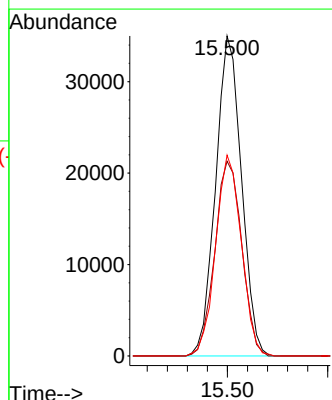
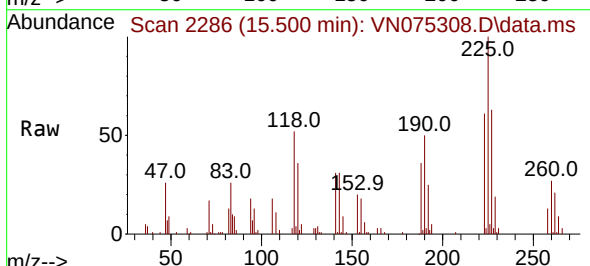
Tgt Ion:225 Resp: 62646

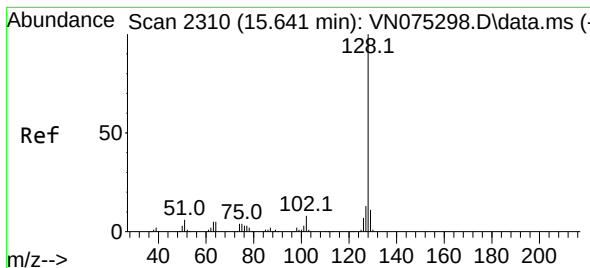
Ion Ratio Lower Upper

225 100

223 63.4 32.3 96.9

227 62.5 32.0 96.2





#95

Naphthalene

Concen: 62.679 ug/l

RT: 15.641 min Scan# 2310

Delta R.T. -0.000 min

Lab File: VN075308.D

Acq: 18 Nov 2022 12:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

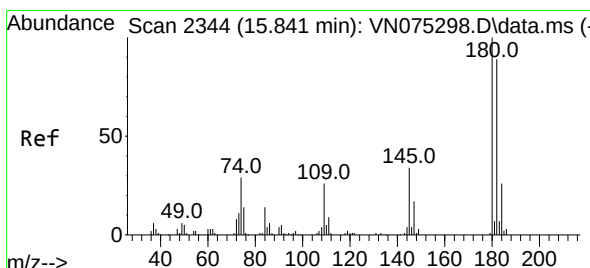
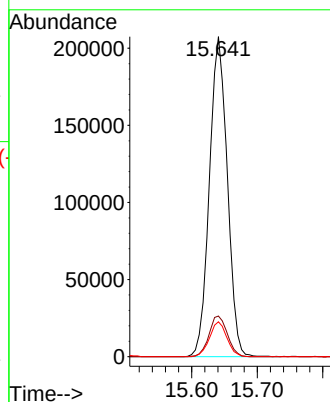
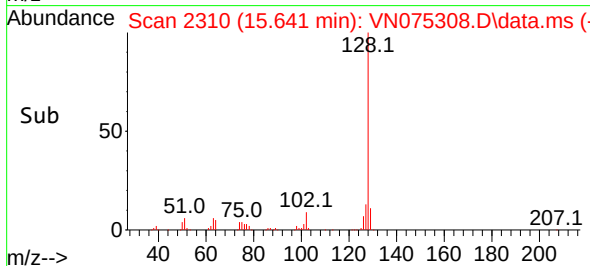
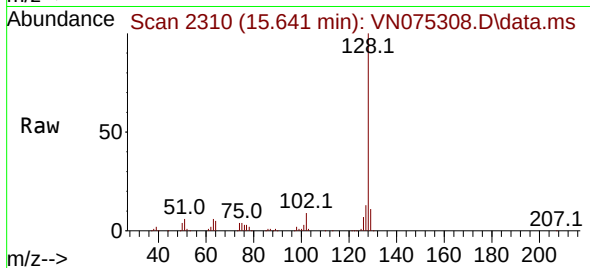
Tgt Ion:	128	Resp:	39332
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.4	15.6
129	10.6	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#96

1,2,3-Trichlorobenzene

Concen: 74.612 ug/l

RT: 15.841 min Scan# 2344

Delta R.T. -0.000 min

Lab File: VN075308.D

Acq: 18 Nov 2022 12:19

Tgt Ion:	180	Resp:	120971
Ion Ratio	Lower	Upper	
180	100		
182	95.1	47.3	141.8
145	32.8	17.6	52.9

