

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041423\
 Data File : VN077348.D
 Acq On : 14 Apr 2023 16:22
 Operator : JC\MD
 Sample : VSTDC0020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0020EC

Quant Time: Apr 17 05:10:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N040723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 07 13:04:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.825	128	51592	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	394453	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.872	117	436310	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.589	65	132606	30.306	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.033%
60) 4-Bromofluorobenzene	12.854	95	223059	29.566	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	98.567%
63) Toluene-d8	10.572	98	452806	29.521	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.400%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.137	85	93092	18.980	ug/l	97
3) Chloromethane	2.372	50	114162	17.520	ug/l	97
4) Vinyl Chloride	2.519	62	165122	17.692	ug/l	99
5) Bromomethane	2.960	94	113160	16.090	ug/l	98
6) Chloroethane	3.131	64	110561	17.673	ug/l	98
7) Trichlorofluoromethane	3.501	101	254043	29.233	ug/l	96
8) Diethyl Ether	3.966	74	64762	17.484	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.378	101	101373	18.654	ug/l	98
10) 1,1-Dichloroethene	4.348	96	96746	17.796	ug/l	93
11) Methyl Iodide	4.596	142	114336	18.616	ug/l	98
12) Methyl Acetate	5.037	43	151430	18.696	ug/l	99
13) Acrolein	4.190	56	69386	69.016	ug/l	95
14) Acrylonitrile	5.737	53	252530	91.213	ug/l	100
15) Acetone	4.443	58	69514	69.210	ug/l	91
16) Carbon Disulfide	4.725	76	239468	16.689	ug/l #	92
17) Allyl chloride	5.031	41	107109	15.305	ug/l	100
18) Methylene Chloride	5.290	84	114290	18.104	ug/l	95
19) trans-1,2-Dichloroethene	5.795	96	109195	18.473	ug/l	84
20) Diisopropyl ether	6.684	45	283221	16.980	ug/l	99
21) 1,1-Dichloroethane	6.578	63	188502	17.830	ug/l #	95
22) cis-1,2-Dichloroethene	7.501	96	132347	18.366	ug/l	96
23) tert-Butyl Alcohol	5.543	59	113976	92.585	ug/l #	100
24) Methyl tert-Butyl Ether	5.807	73	355099	18.144	ug/l	99
25) Chloroform	7.972	83	211700	18.477	ug/l	98
26) Cyclohexane	8.260	56	153948	16.758	ug/l #	96
29) 1,1-Dichloropropene	8.378	75	149567	17.504	ug/l	97
30) 2-Butanone	7.489	43	327521	81.053	ug/l	97
31) 2,2-Dichloropropane	7.495	77	158927	15.151	ug/l	100
32) 1,1,1-Trichloroethane	8.172	97	190493	18.115	ug/l	99
33) Carbon Tetrachloride	8.366	117	163014	18.163	ug/l	94
34) Benzene	8.613	78	472475	17.870	ug/l	98
35) Methacrylonitrile	7.789	41	66327	17.425	ug/l	93
36) 1,2-Dichloroethane	8.678	62	152868	18.442	ug/l	99
37) Trichloroethene	9.354	130	119289	18.446	ug/l	93
38) Methylcyclohexane	9.601	83	198954	17.167	ug/l	98
39) 1,2-Dichloropropane	9.625	63	117595	17.917	ug/l	97
40) Dibromomethane	9.713	93	88884	18.795	ug/l	99
41) Bromodichloromethane	9.895	83	171430	18.180	ug/l	95
42) Vinyl Acetate	6.613	43	972399	83.148	ug/l #	100

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 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

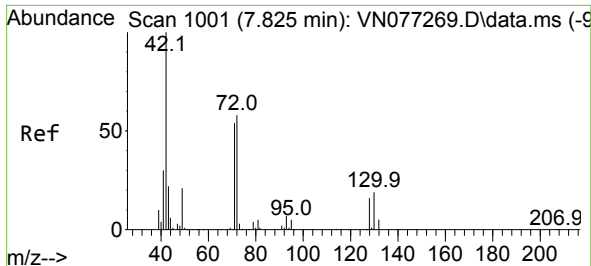
Quant Time: Apr 17 05:10:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N040723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.572	43	126107	16.868	ug/l	98
44) Isopropyl Acetate	8.695	43	234353	17.508	ug/l #	100
45) 1,4-Dioxane	9.701	88	55300	391.729	ug/l	96
46) Methyl methacrylate	9.689	41	99687	17.298	ug/l	92
47) n-amyl Acetate	12.501	43	203048	17.358	ug/l	98
48) t-1,3-Dichloropropene	10.836	75	183679	17.405	ug/l	97
49) cis-1,3-Dichloropropene	10.319	75	185855	16.554	ug/l	98
50) 1,1,2-Trichloroethane	11.019	97	125999	18.343	ug/l	99
51) Ethyl methacrylate	10.877	69	190133	18.024	ug/l	95
52) 1,3-Dichloropropane	11.172	76	210850	18.392	ug/l	98
53) Dibromochloromethane	11.366	129	133808	18.483	ug/l	99
54) 1,2-Dibromoethane	11.472	107	127771	18.529	ug/l	99
55) 2-Chloroethyl vinyl ether	10.166	63	437483	134.328	ug/l	98
56) Bromoform	12.583	173	89514	18.406	ug/l	100
58) 4-Methyl-2-Pentanone	10.448	43	743031	90.955	ug/l	100
59) 2-Hexanone	11.201	43	538325	85.252	ug/l	99
61) Tetrachloroethene	11.107	164	97482	18.784	ug/l	97
62) Toluene	10.636	91	544949	17.901	ug/l	99
64) Chlorobenzene	11.895	112	335984	18.166	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.966	131	124020	18.235	ug/l	98
66) Ethyl Benzene	11.972	91	606028	17.969	ug/l	98
67) m/p-Xylenes	12.077	106	474850	35.920	ug/l	98
68) o-Xylene	12.401	106	233970	17.691	ug/l	98
69) Styrene	12.413	104	374765	17.687	ug/l	99
70) Isopropylbenzene	12.701	105	611450	18.218	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.942	83	184603	17.960	ug/l	97
72) 1,2,3-Trichloropropane	13.001	75	225894	32.332	ug/l	40
73) Bromobenzene	12.989	156	125243	18.367	ug/l	96
74) n-propylbenzene	13.042	91	677667	18.249	ug/l	99
75) 2-Chlorotoluene	13.130	91	399794	17.971	ug/l	100
76) 1,3,5-Trimethylbenzene	13.177	105	487345	17.840	ug/l	97
77) t-1,4-Dichloro-2-butene	12.736	75	56899	15.989	ug/l	98
78) 4-Chlorotoluene	13.230	91	377722	17.969	ug/l	99
79) tert-butylbenzene	13.448	119	445593	18.742	ug/l	97
80) 1,2,4-Trimethylbenzene	13.489	105	480008	18.026	ug/l	99
81) sec-Butylbenzene	13.624	105	622511	18.334	ug/l	99
82) p-Isopropyltoluene	13.736	119	503996	18.527	ug/l	99
83) 1,3-Dichlorobenzene	13.742	146	232742	18.001	ug/l	99
84) 1,4-Dichlorobenzene	13.818	146	224336	17.884	ug/l	99
85) n-Butylbenzene	14.060	91	405557	18.042	ug/l	99
86) Hexachloroethane	14.336	117	102033	17.633	ug/l	100
87) 1,2-Dichlorobenzene	14.113	146	234469	18.508	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.730	75	35096	17.819	ug/l	98
89) 1,2,4-Trichlorobenzene	15.371	180	80314	16.117	ug/l	99
90) Hexachlorobutadiene	15.471	225	47745	18.682	ug/l	96
91) Naphthalene	15.595	128	307341	16.144	ug/l	100
92) 1,2,3-Trichlorobenzene	15.759	180	78313	16.106	ug/l	99

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

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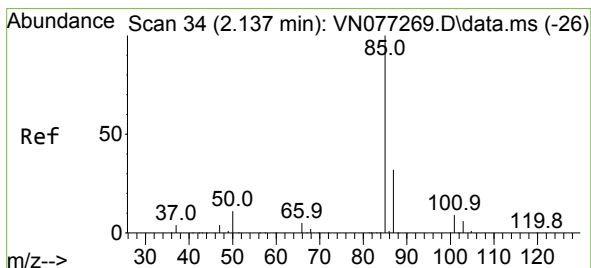
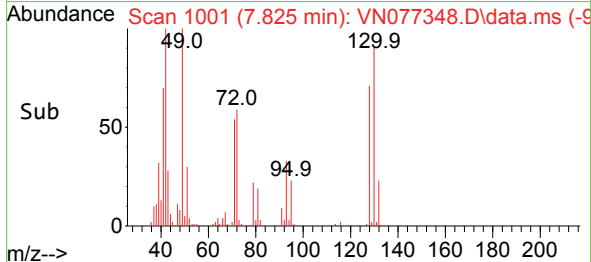
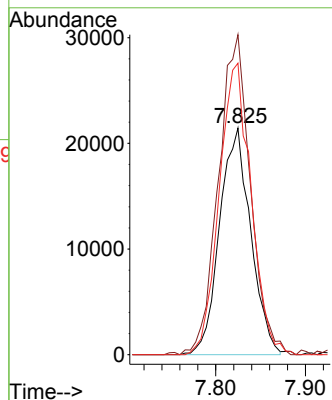
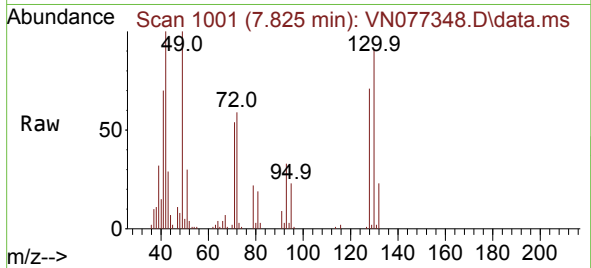




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.825 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

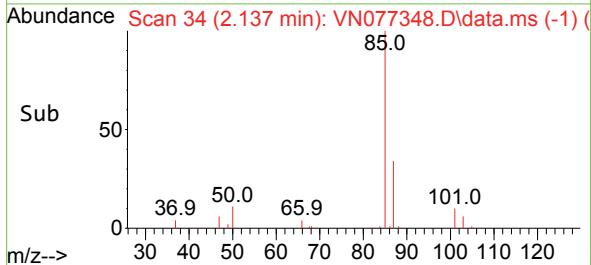
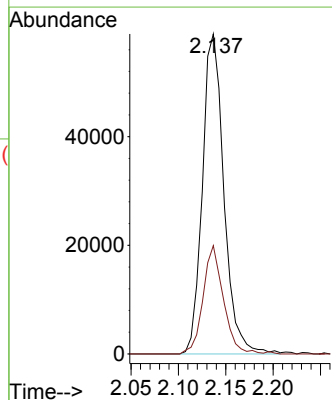
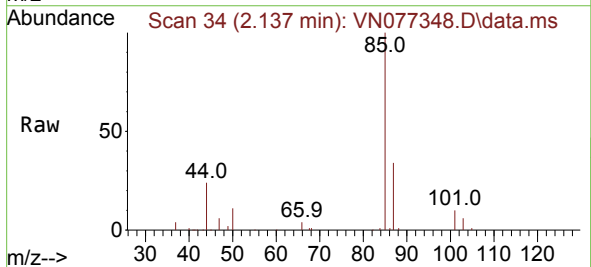
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

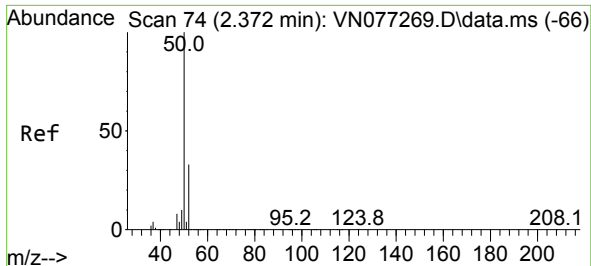
Tgt Ion:128 Resp: 51592
Ion Ratio Lower Upper
128 100
49 145.1 0.0 379.5
130 132.0 0.0 322.8



#2
Dichlorodifluoromethane
Concen: 18.980 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Tgt Ion: 85 Resp: 93092
Ion Ratio Lower Upper
85 100
87 33.8 16.2 48.6

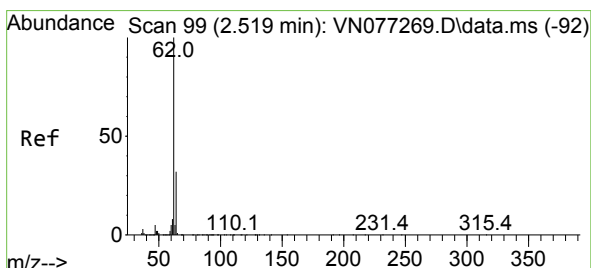
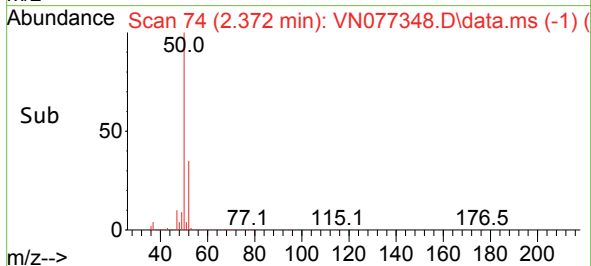
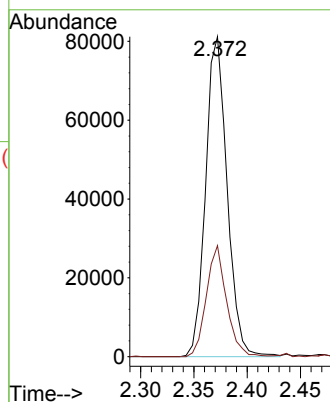
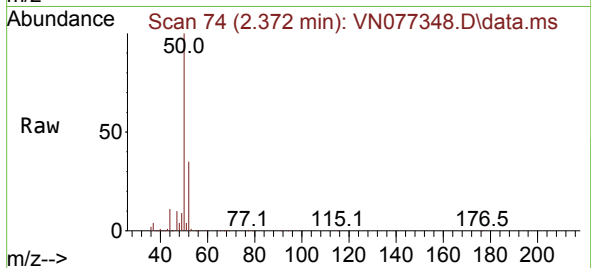




#3
Chloromethane
Concen: 17.520 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

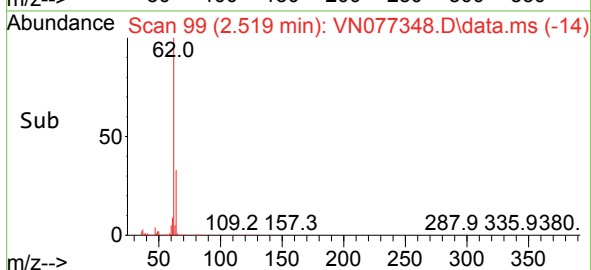
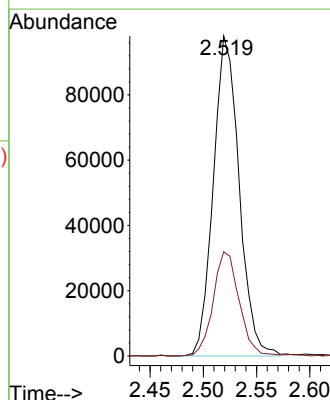
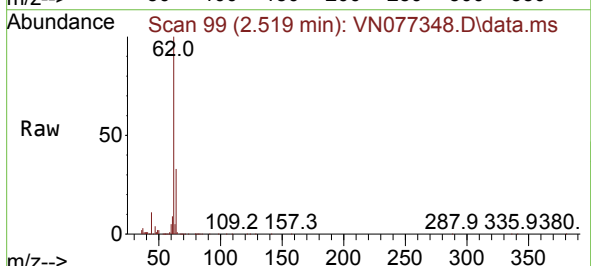
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

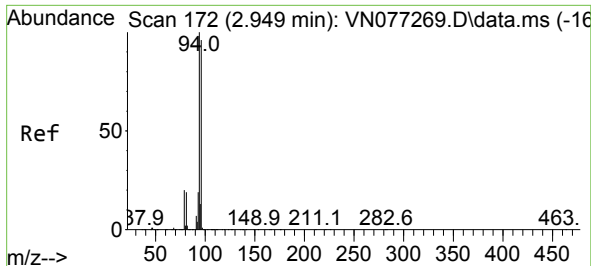
Tgt Ion: 50 Resp: 114162
Ion Ratio Lower Upper
50 100
52 34.7 26.4 39.6



#4
Vinyl Chloride
Concen: 17.692 ug/l
RT: 2.519 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Tgt Ion: 62 Resp: 165122
Ion Ratio Lower Upper
62 100
64 32.5 25.4 38.0

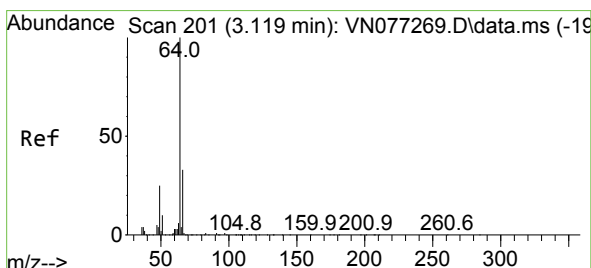
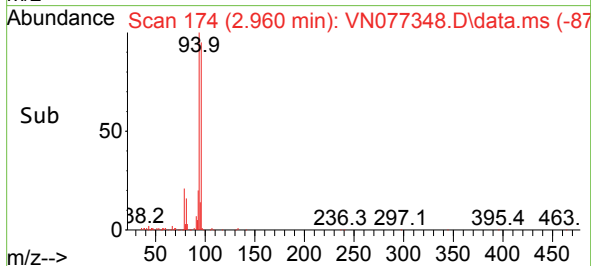
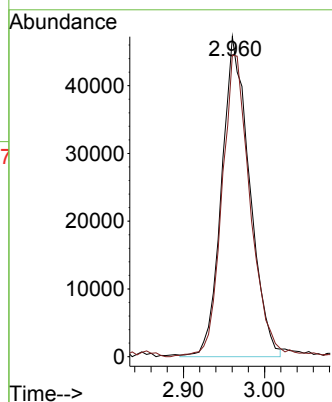
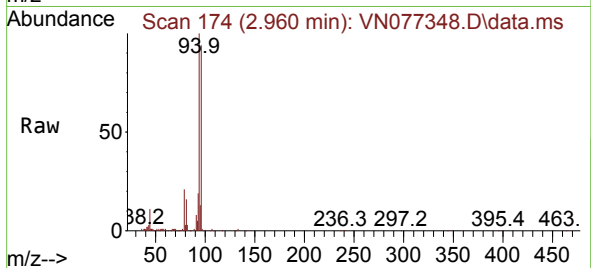




#5
Bromomethane
Concen: 16.090 ug/l
RT: 2.960 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

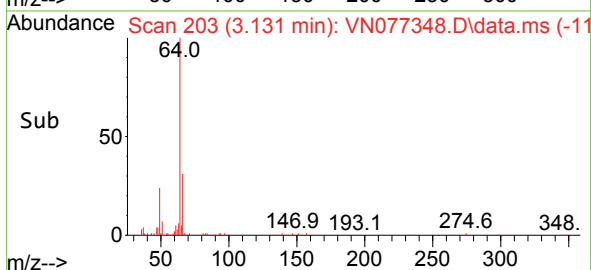
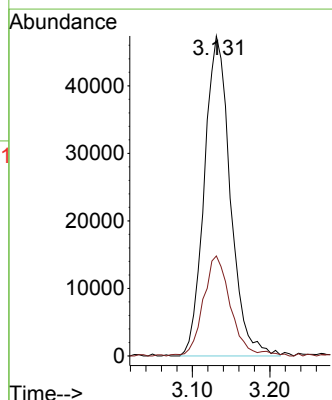
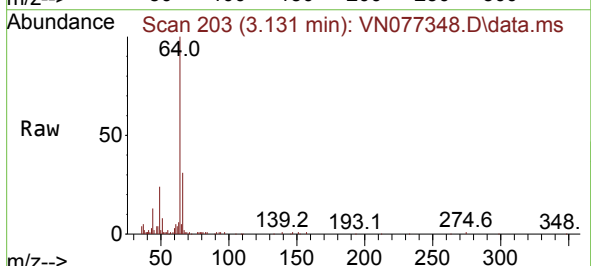
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

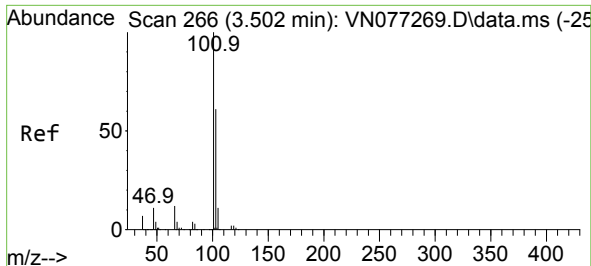
Tgt Ion: 94 Resp: 113160
Ion Ratio Lower Upper
94 100
96 94.3 77.0 115.6



#6
Chloroethane
Concen: 17.673 ug/l
RT: 3.131 min Scan# 203
Delta R.T. 0.012 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Tgt Ion: 64 Resp: 110561
Ion Ratio Lower Upper
64 100
66 30.8 25.7 38.5

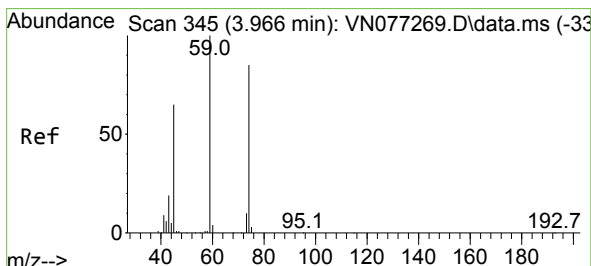
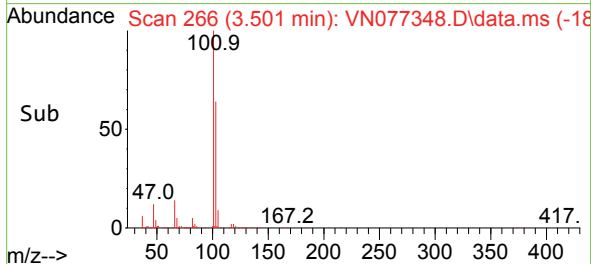
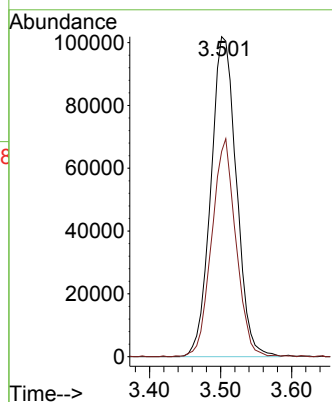
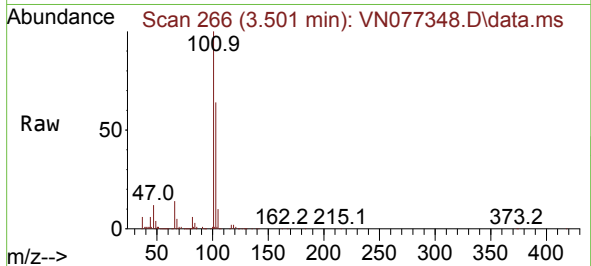




#7
 Trichlorofluoromethane
 Concen: 29.233 ug/l
 RT: 3.501 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: VN077348.D
 Acq: 14 Apr 2023 16:22

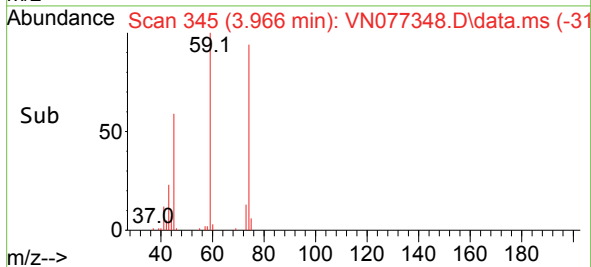
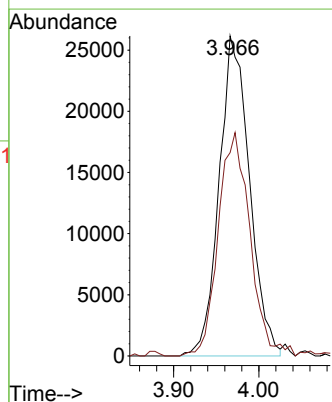
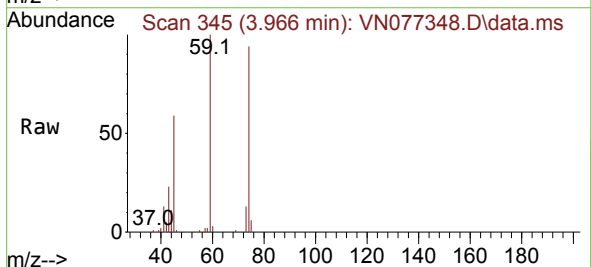
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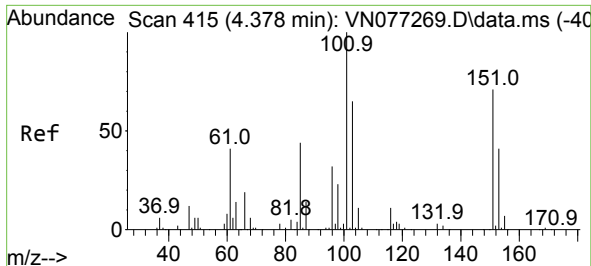
Tgt Ion:101 Resp: 254043
 Ion Ratio Lower Upper
 101 100
 103 63.9 48.9 73.3



#8
 Diethyl Ether
 Concen: 17.484 ug/l
 RT: 3.966 min Scan# 345
 Delta R.T. 0.000 min
 Lab File: VN077348.D
 Acq: 14 Apr 2023 16:22

Tgt Ion: 74 Resp: 64762
 Ion Ratio Lower Upper
 74 100
 45 71.7 14.8 133.6

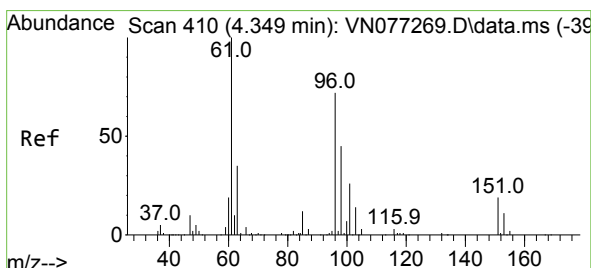
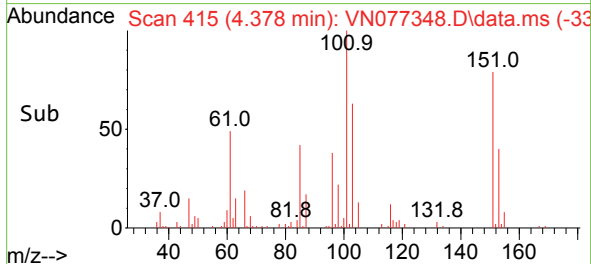
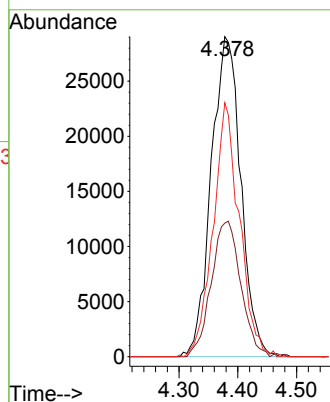
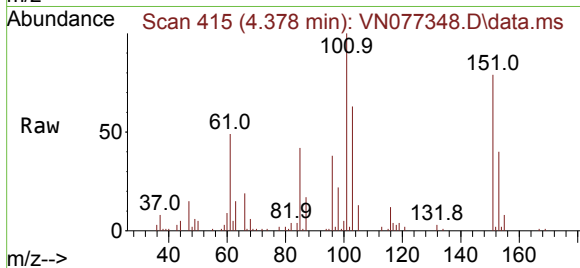




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.654 ug/l
RT: 4.378 min Scan# 415
Delta R.T. -0.000 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

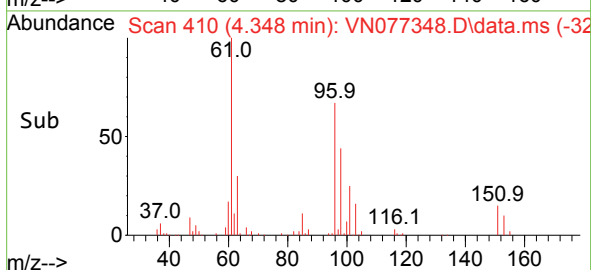
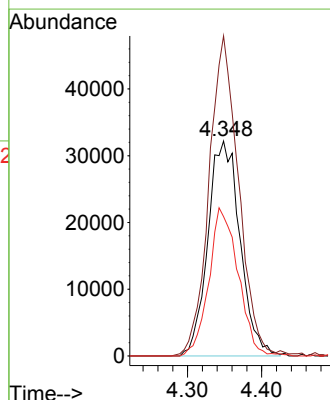
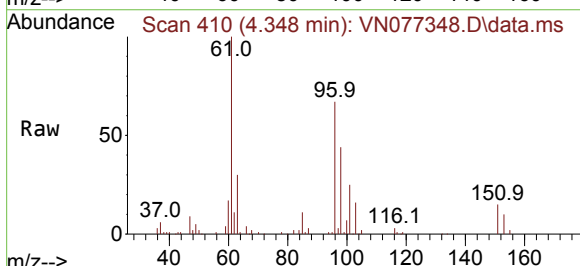
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

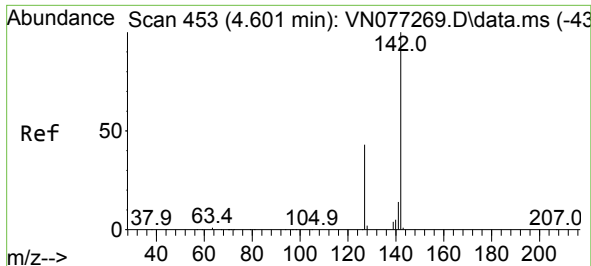
Tgt Ion:101 Resp: 101373
Ion Ratio Lower Upper
101 100
85 42.3 0.0 89.6
151 70.2 0.0 141.6



#10
1,1-Dichloroethene
Concen: 17.796 ug/l
RT: 4.348 min Scan# 410
Delta R.T. -0.001 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Tgt Ion: 96 Resp: 96746
Ion Ratio Lower Upper
96 100
61 147.9 110.7 166.1
98 64.8 49.6 74.4

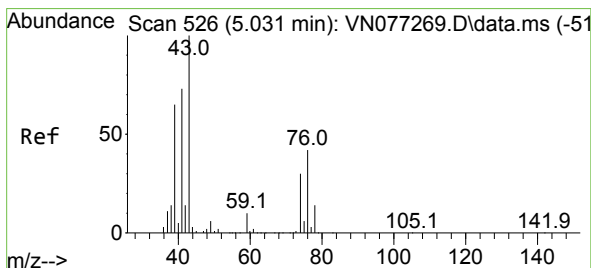
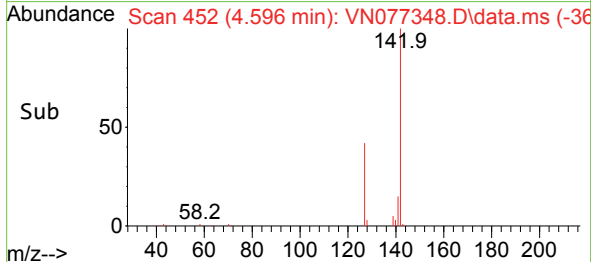
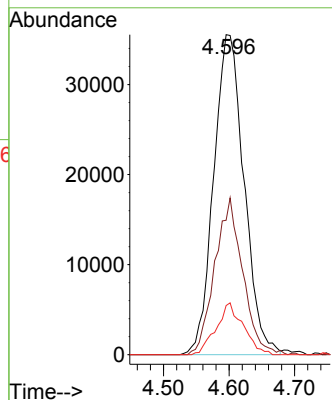
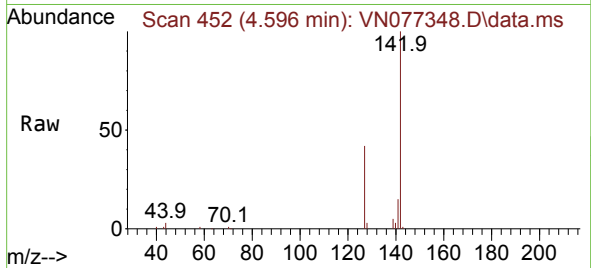




#11
Methyl Iodide
Concen: 18.616 ug/l
RT: 4.596 min Scan# 411
Delta R.T. -0.005 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

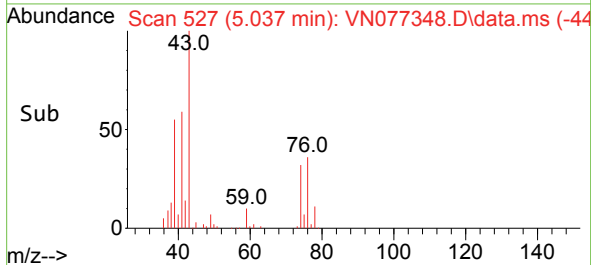
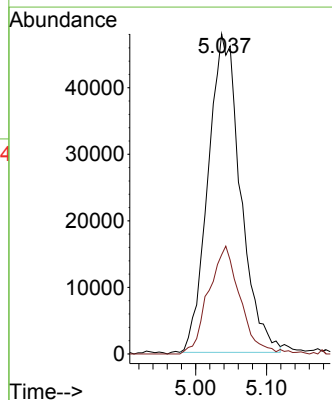
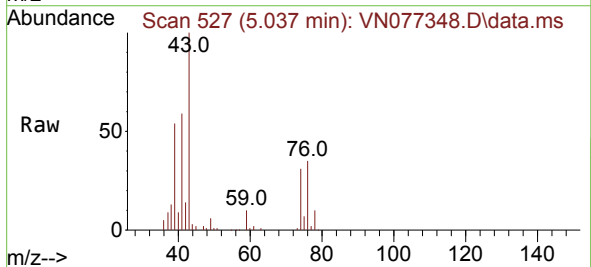
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

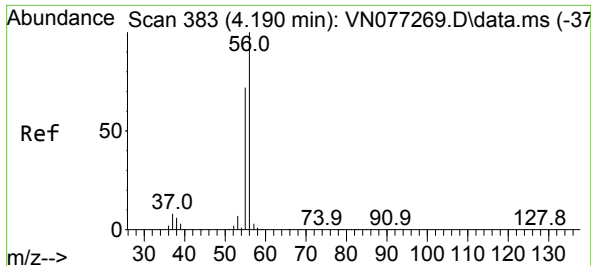
Tgt Ion:142 Resp: 114336
Ion Ratio Lower Upper
142 100
127 41.5 21.3 63.7
141 15.4 7.0 20.9



#12
Methyl Acetate
Concen: 18.696 ug/l
RT: 5.037 min Scan# 527
Delta R.T. 0.006 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Tgt Ion: 43 Resp: 151430
Ion Ratio Lower Upper
43 100
74 30.9 24.2 36.2

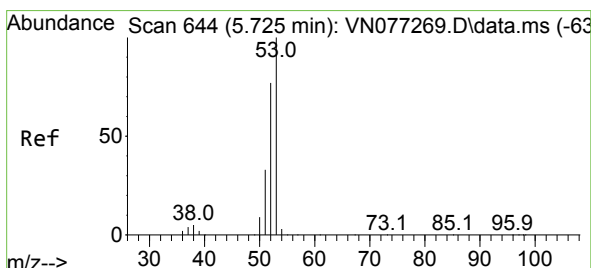
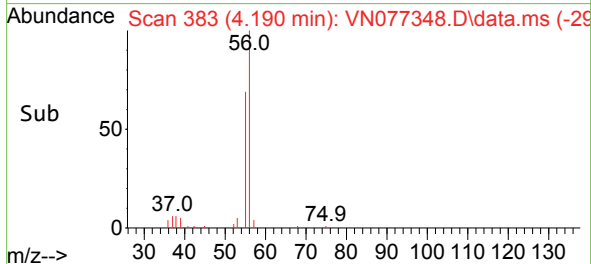
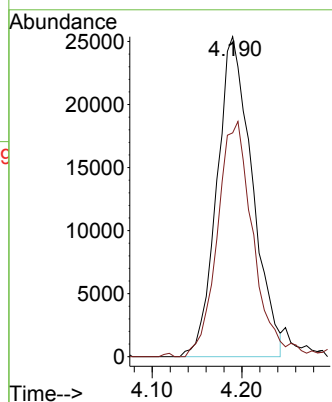
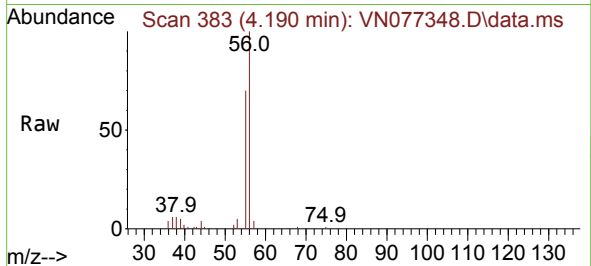




#13
Acrolein
Concen: 69.016 ug/l
RT: 4.190 min Scan# 383
Delta R.T. -0.000 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

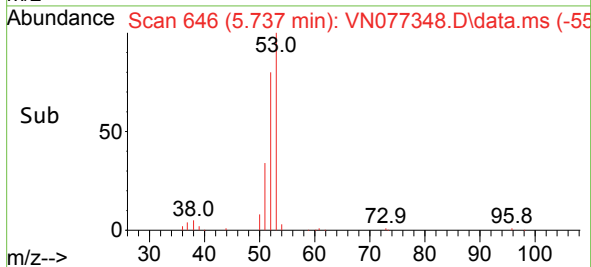
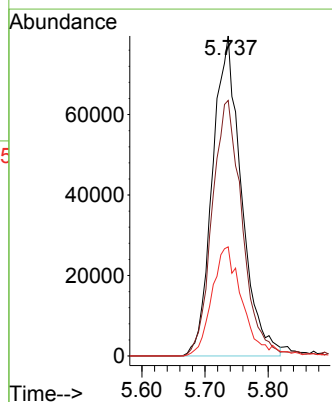
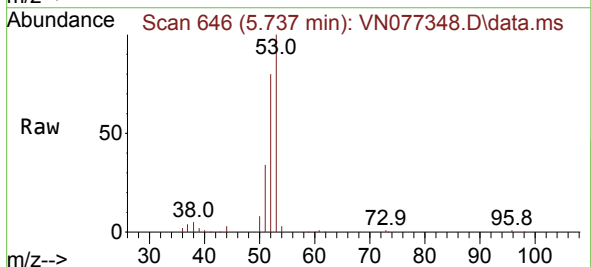
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

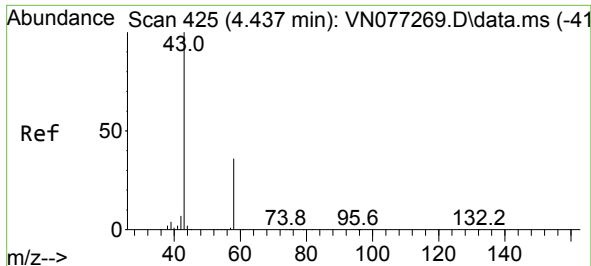
Tgt Ion: 56 Resp: 69386
Ion Ratio Lower Upper
56 100
55 72.7 55.2 82.8



#14
Acrylonitrile
Concen: 91.213 ug/l
RT: 5.737 min Scan# 646
Delta R.T. 0.012 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Tgt Ion: 53 Resp: 252530
Ion Ratio Lower Upper
53 100
52 82.3 41.0 123.0
51 35.0 17.7 53.1





#15

Acetone

Concen: 69.210 ug/l

RT: 4.443 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN077348.D

Acq: 14 Apr 2023 16:22

Instrument :

MSVOA_N

ClientSampleId :

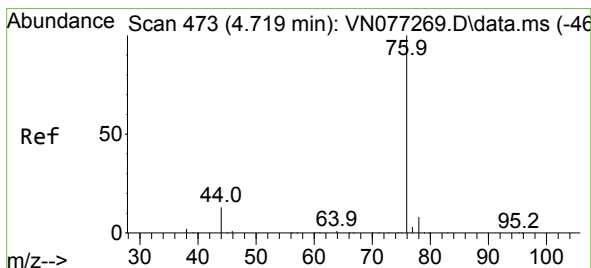
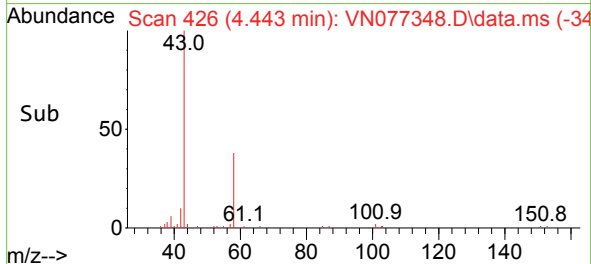
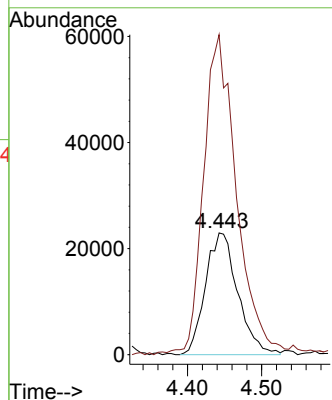
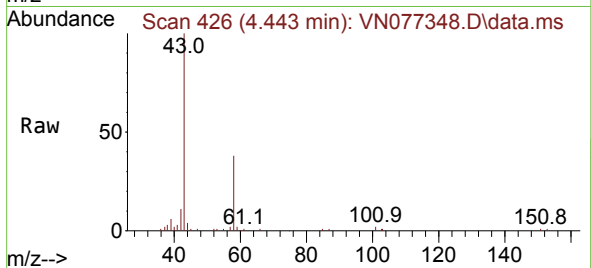
VSTDCCC020EC

Tgt Ion: 58 Resp: 69514

Ion Ratio Lower Upper

58 100

43 258.7 220.9 331.3



#16

Carbon Disulfide

Concen: 16.689 ug/l

RT: 4.725 min Scan# 474

Delta R.T. 0.006 min

Lab File: VN077348.D

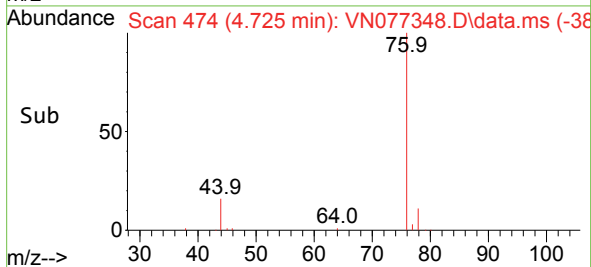
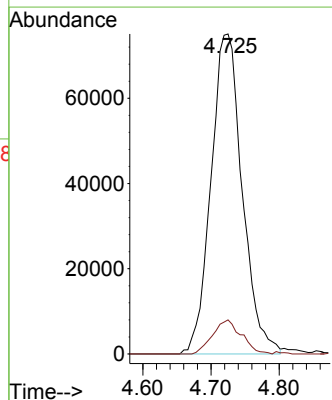
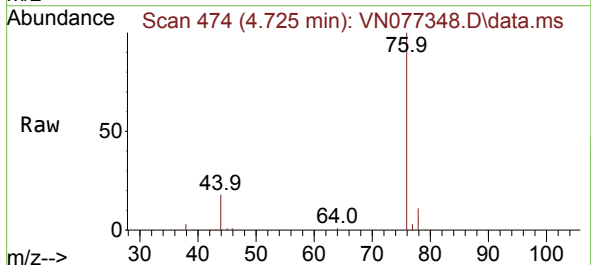
Acq: 14 Apr 2023 16:22

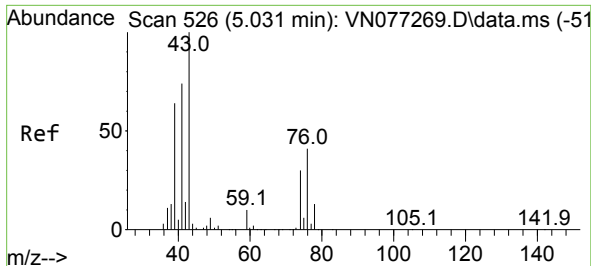
Tgt Ion: 76 Resp: 239468

Ion Ratio Lower Upper

76 100

78 10.7 6.3 9.5#

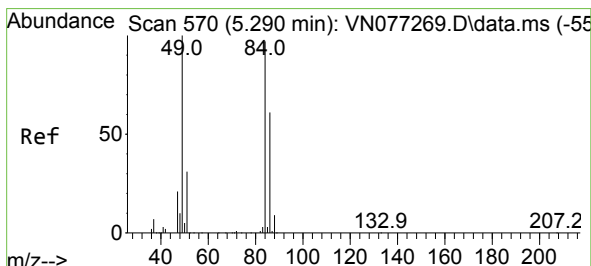
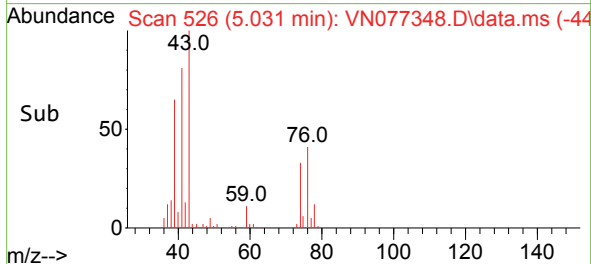
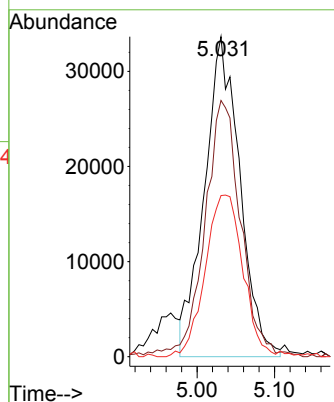
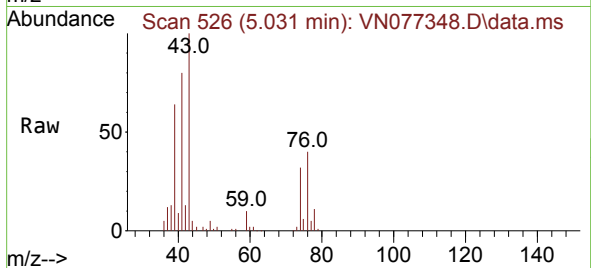




#17
Allyl chloride
Concen: 15.305 ug/l
RT: 5.031 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

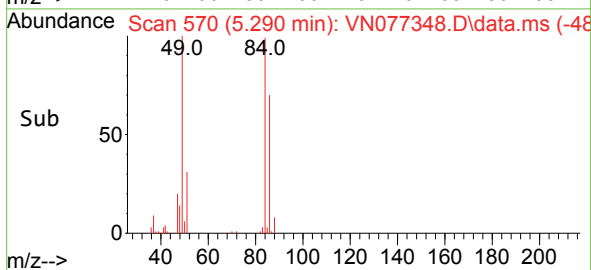
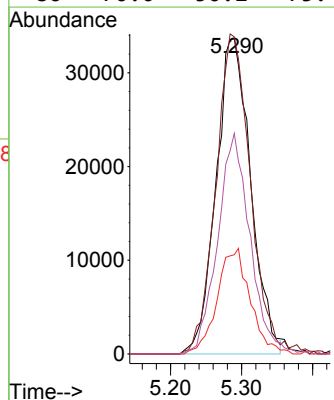
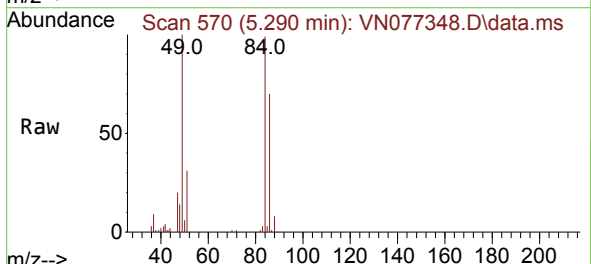
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

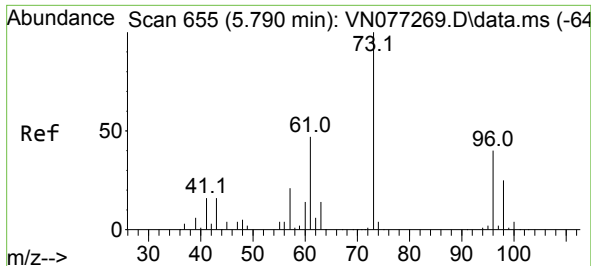
Tgt Ion:	41	Resp:	107109
Ion	Ratio	Lower	Upper
41	100		
39	80.4	40.3	120.9
76	50.3	25.3	75.8



#18
Methylene Chloride
Concen: 18.104 ug/l
RT: 5.290 min Scan# 570
Delta R.T. -0.000 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Tgt Ion:	84	Resp:	114290
Ion	Ratio	Lower	Upper
84	100		
49	100.6	82.7	124.1
51	31.5	25.6	38.4
86	70.0	50.2	75.4

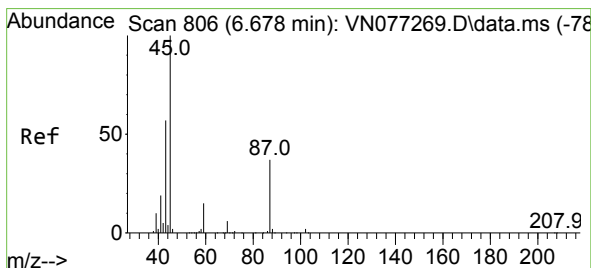
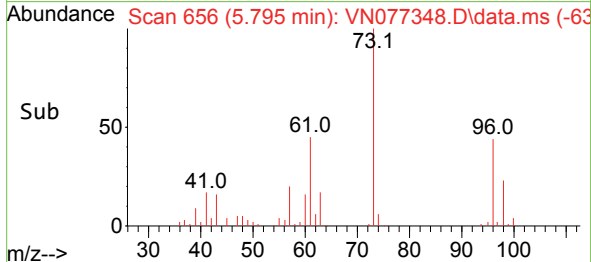
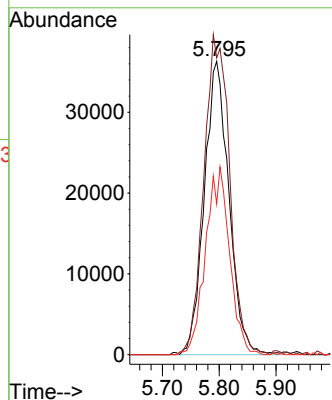
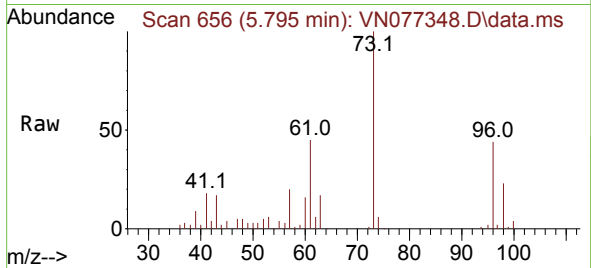




#19
trans-1,2-Dichloroethene
Concen: 18.473 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.005 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

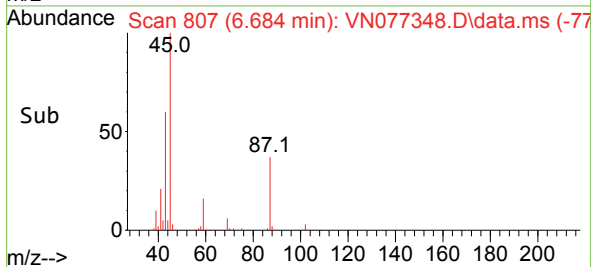
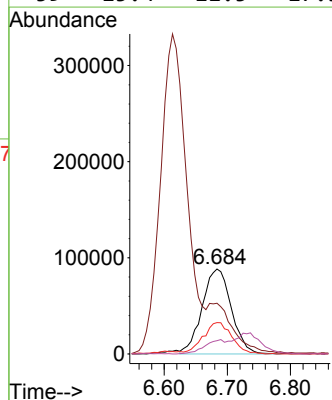
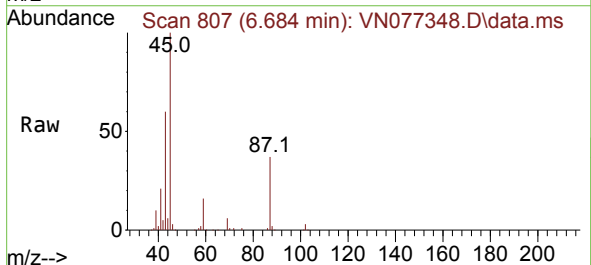
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

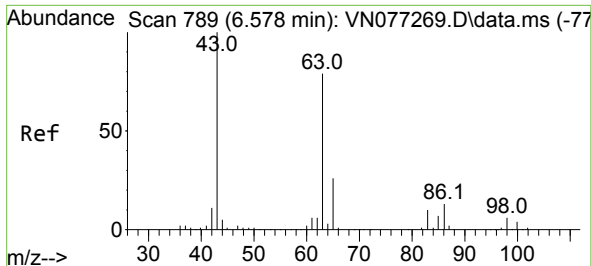
Tgt Ion: 96 Resp: 109195
Ion Ratio Lower Upper
96 100
61 100.4 94.5 141.7
98 50.9 49.8 74.8



#20
Diisopropyl ether
Concen: 16.980 ug/l
RT: 6.684 min Scan# 807
Delta R.T. 0.006 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Tgt Ion: 45 Resp: 283221
Ion Ratio Lower Upper
45 100
43 57.1 45.9 68.9
87 36.7 30.1 45.1
59 15.4 11.5 17.3





#21

1,1-Dichloroethane

Concen: 17.830 ug/l

RT: 6.578 min Scan# 71

Delta R.T. -0.000 min

Lab File: VN077348.D

Acq: 14 Apr 2023 16:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

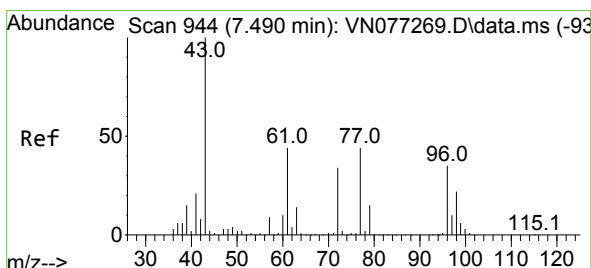
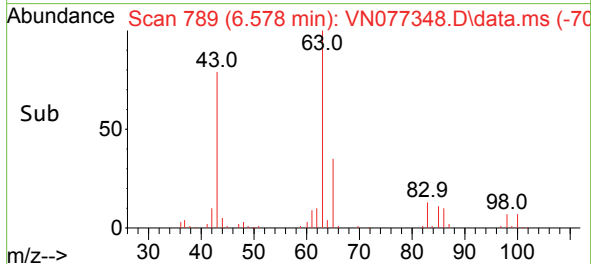
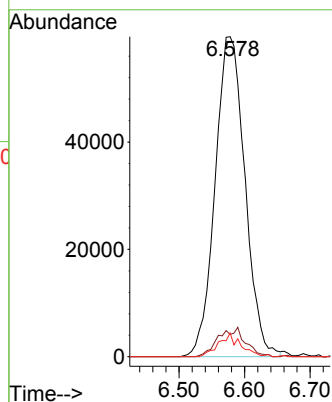
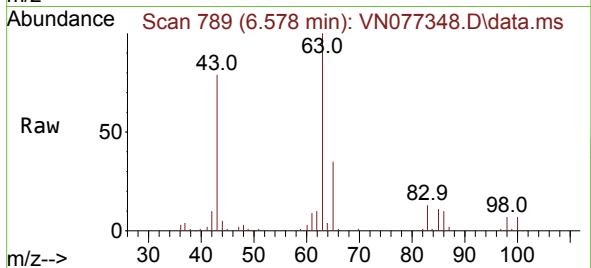
Tgt Ion: 63 Resp: 188502

Ion Ratio Lower Upper

63 100

98 7.0 3.9 11.7

100 7.4 2.3 6.8#



#22

cis-1,2-Dichloroethene

Concen: 18.366 ug/l

RT: 7.501 min Scan# 946

Delta R.T. 0.011 min

Lab File: VN077348.D

Acq: 14 Apr 2023 16:22

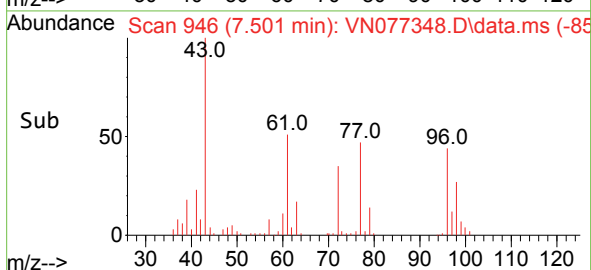
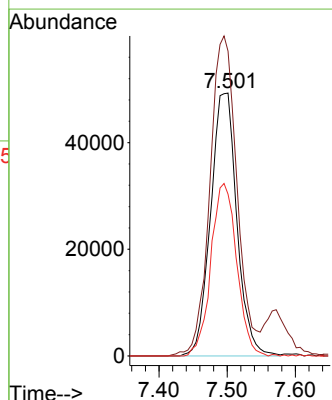
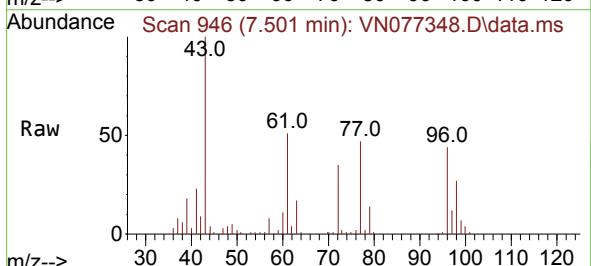
Tgt Ion: 96 Resp: 132347

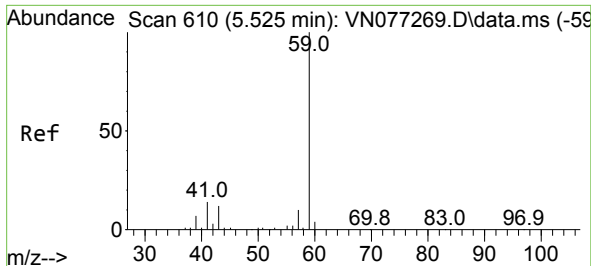
Ion Ratio Lower Upper

96 100

61 126.0 105.5 158.3

98 64.3 51.8 77.6

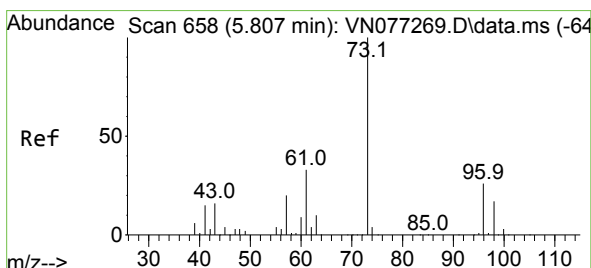
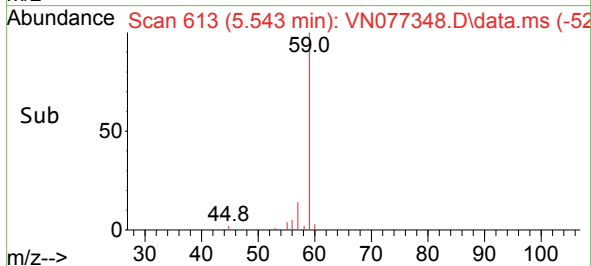
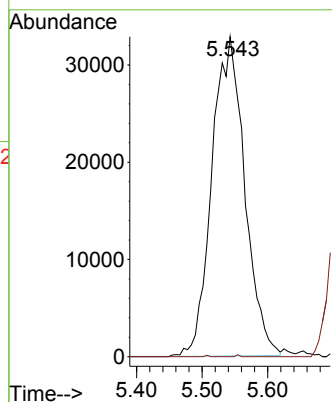
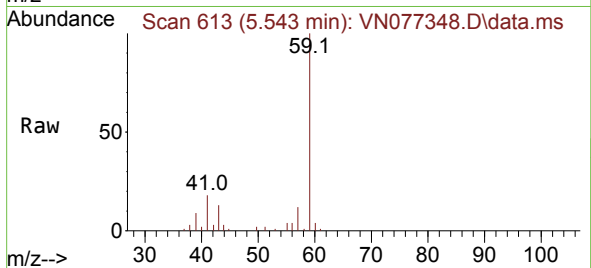




#23
tert-Butyl Alcohol
Concen: 92.585 ug/l
RT: 5.543 min Scan# 610
Delta R.T. 0.018 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

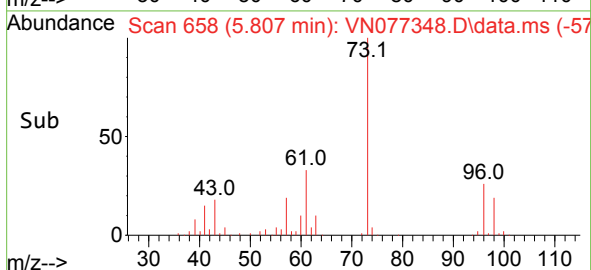
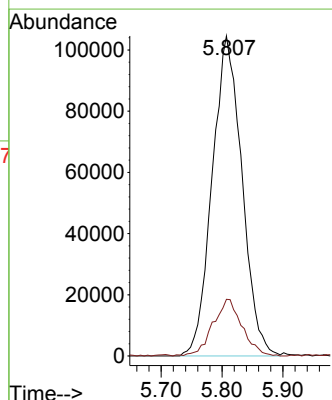
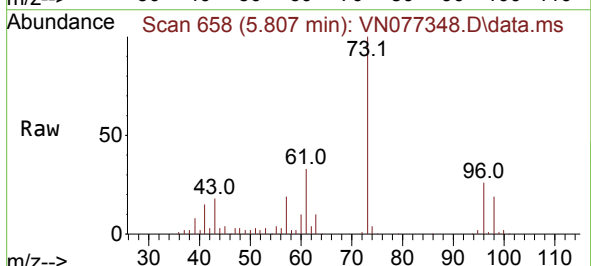
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

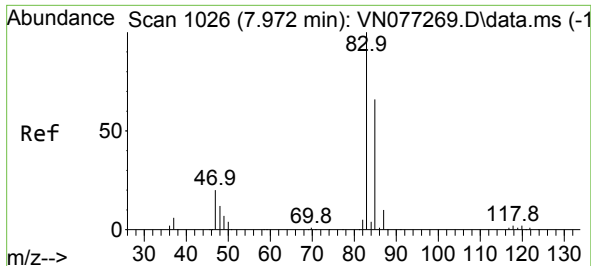
Tgt Ion: 59 Resp: 113976
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1#



#24
Methyl tert-Butyl Ether
Concen: 18.144 ug/l
RT: 5.807 min Scan# 658
Delta R.T. 0.000 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Tgt Ion: 73 Resp: 355099
Ion Ratio Lower Upper
73 100
43 17.3 13.5 20.3

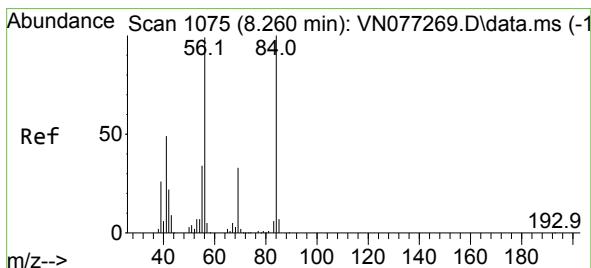
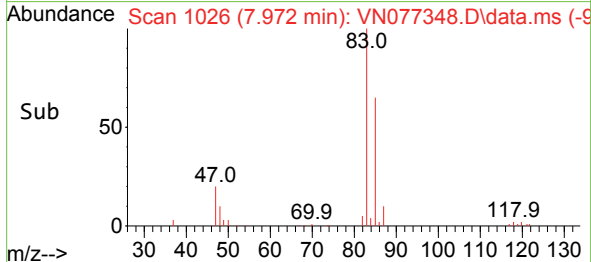
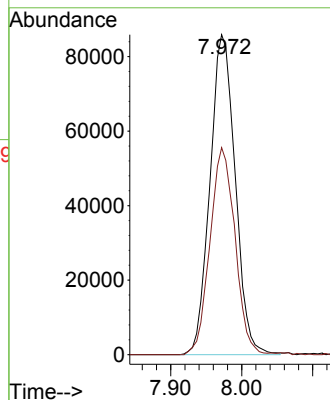
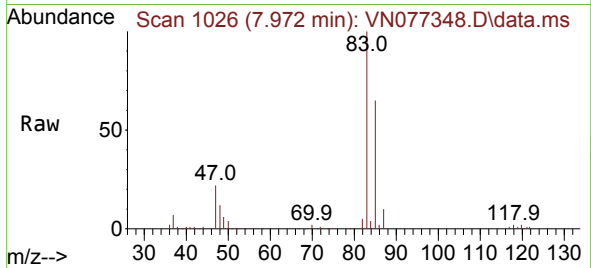




#25
Chloroform
Concen: 18.477 ug/l
RT: 7.972 min Scan# 1026
Delta R.T. -0.000 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

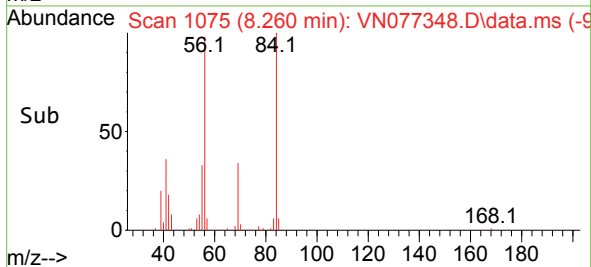
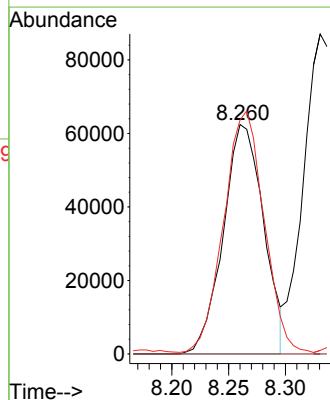
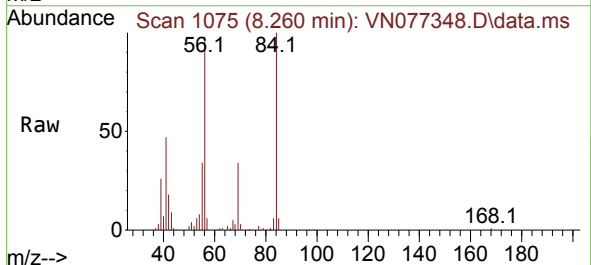
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

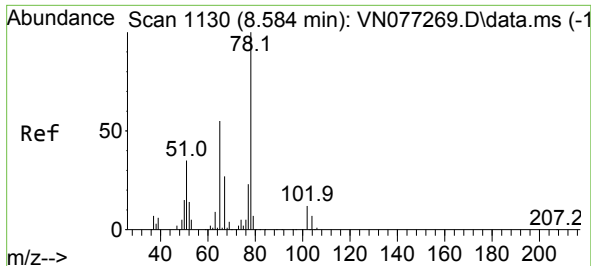
Tgt Ion: 83 Resp: 211700
Ion Ratio Lower Upper
83 100
85 64.7 52.9 79.3



#26
Cyclohexane
Concen: 16.758 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Tgt Ion: 56 Resp: 153948
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 107.0 82.6 123.8





#27

1,2-Dichloroethane-d4

Concen: 30.306 ug/l

RT: 8.589 min Scan# 1131

Delta R.T. 0.005 min

Lab File: VN077348.D

Acq: 14 Apr 2023 16:22

Instrument :

MSVOA_N

ClientSampleId :

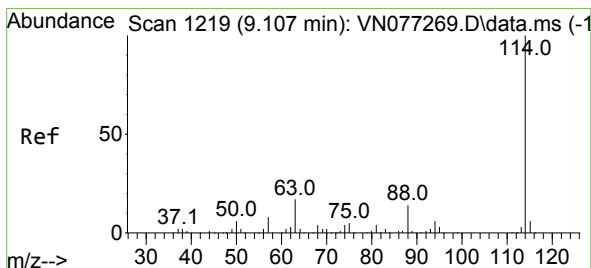
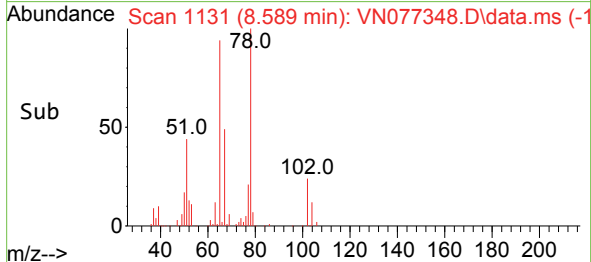
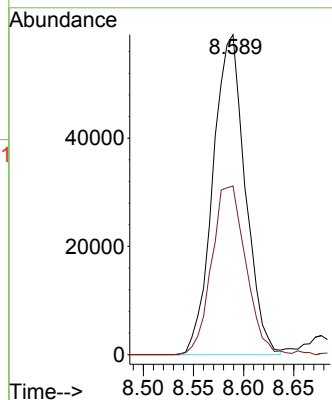
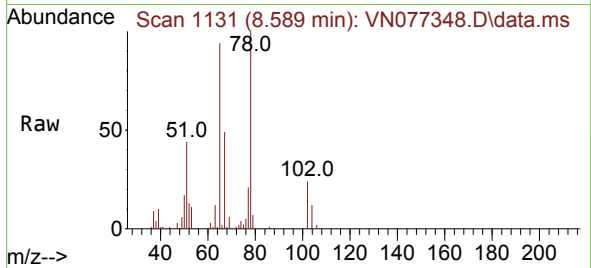
VSTDCCC020EC

Tgt Ion: 65 Resp: 132606

Ion Ratio Lower Upper

65 100

67 55.7 41.8 62.6



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN077348.D

Acq: 14 Apr 2023 16:22

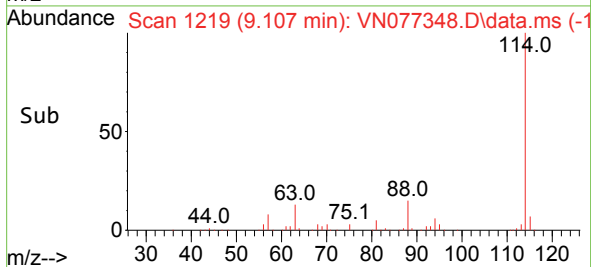
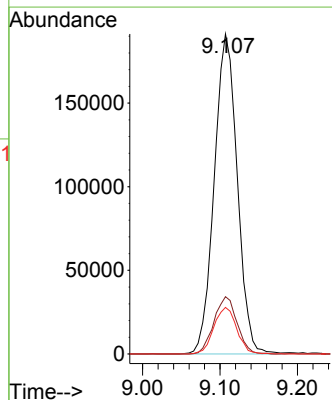
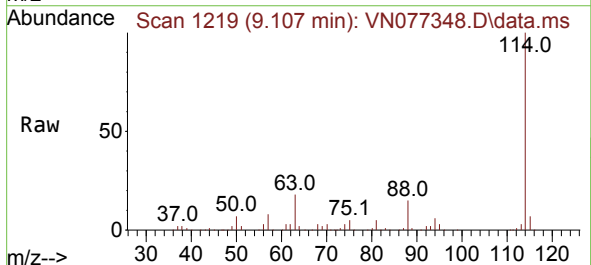
Tgt Ion: 114 Resp: 394453

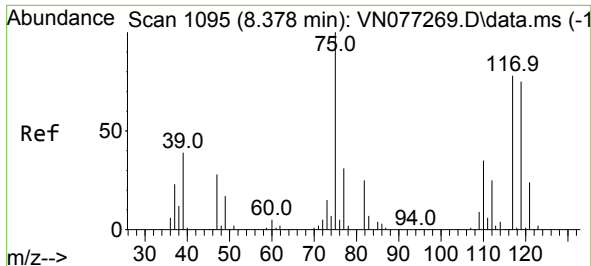
Ion Ratio Lower Upper

114 100

63 18.0 15.0 22.4

88 14.5 11.9 17.9

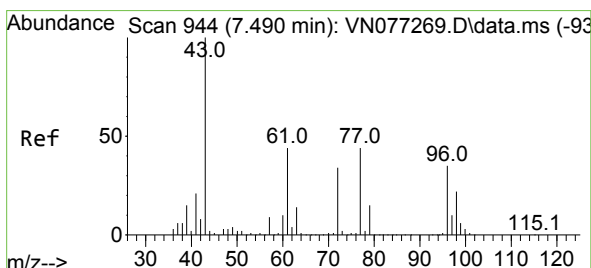
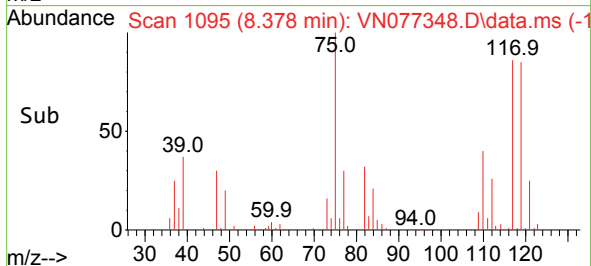
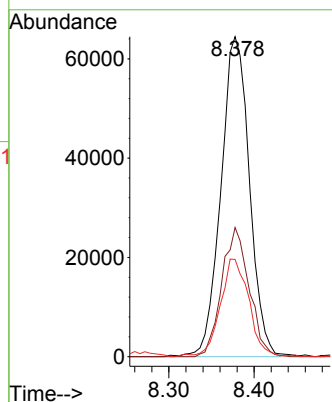
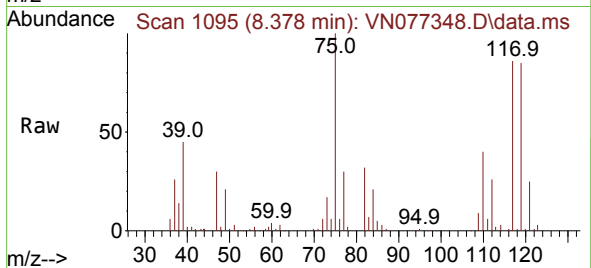




#29
1,1-Dichloropropene
Concen: 17.504 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. -0.000 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

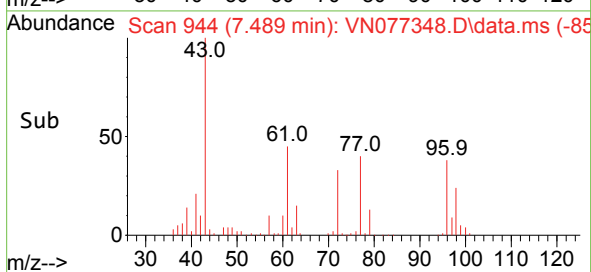
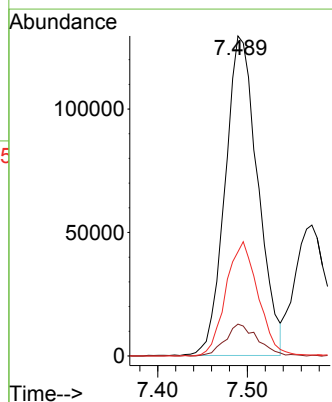
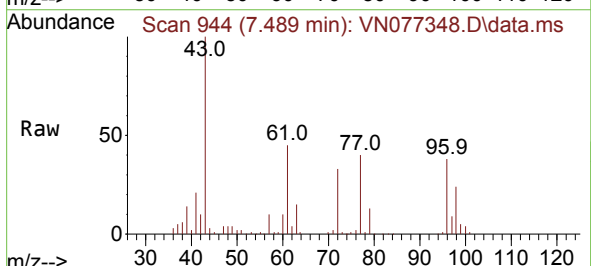
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

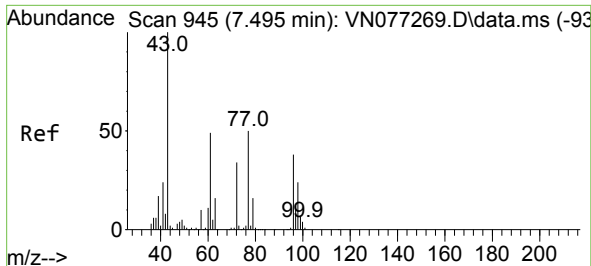
Tgt Ion: 75 Resp: 149567
Ion Ratio Lower Upper
75 100
110 38.7 0.0 72.4
77 30.2 0.0 61.4



#30
2-Butanone
Concen: 81.053 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.001 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Tgt Ion: 43 Resp: 327521
Ion Ratio Lower Upper
43 100
57 9.8 7.5 11.3
72 35.4 26.9 40.3

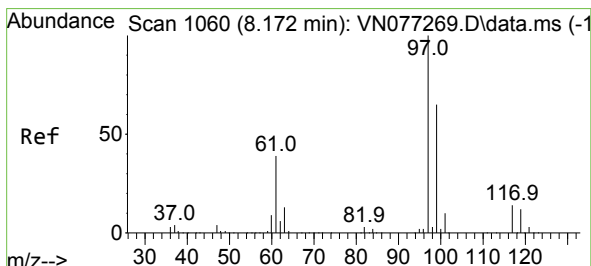
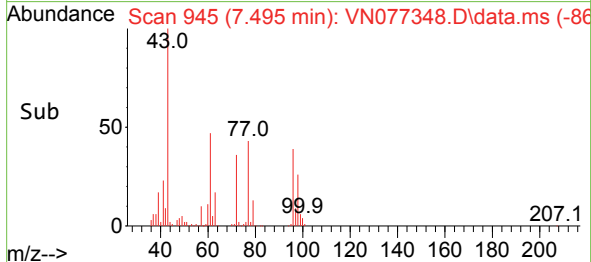
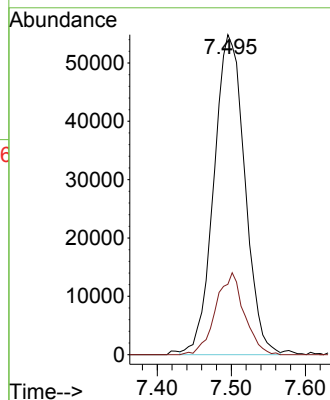
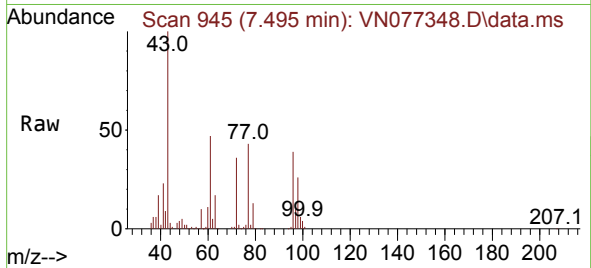




#31
2,2-Dichloropropane
Concen: 15.151 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

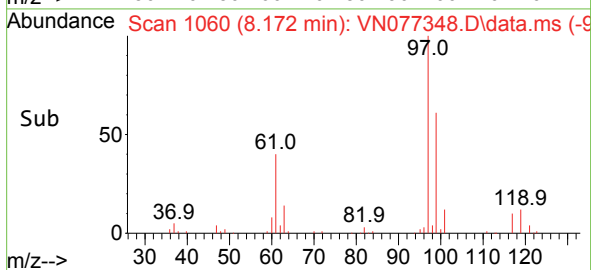
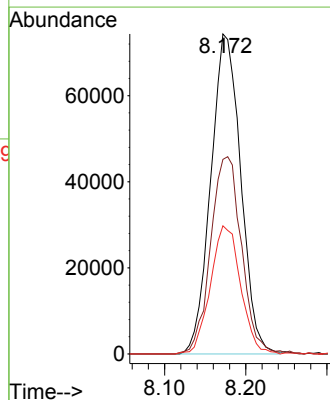
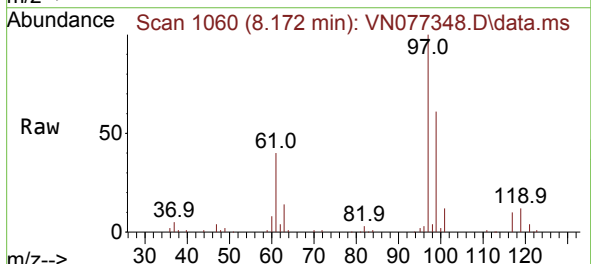
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

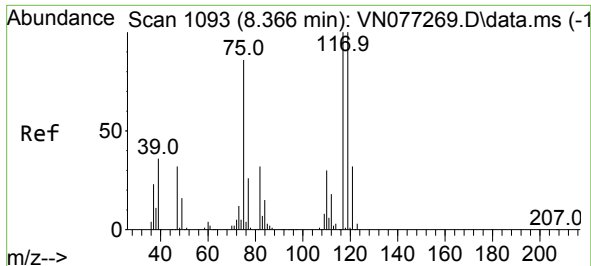
Tgt Ion: 77 Resp: 158927
Ion Ratio Lower Upper
77 100
97 23.4 18.8 28.2



#32
1,1,1-Trichloroethane
Concen: 18.115 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

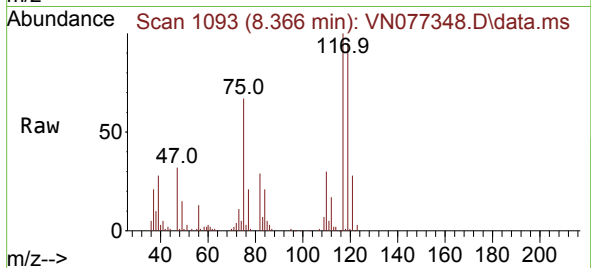
Tgt Ion: 97 Resp: 190493
Ion Ratio Lower Upper
97 100
99 63.3 51.6 77.4
61 40.3 32.4 48.6



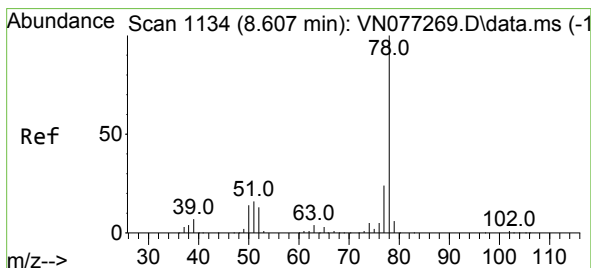
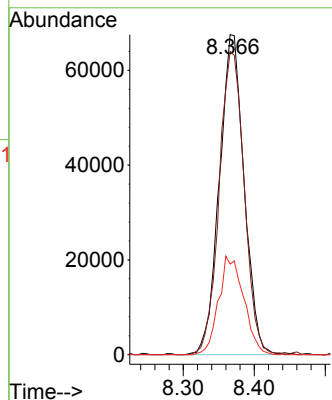
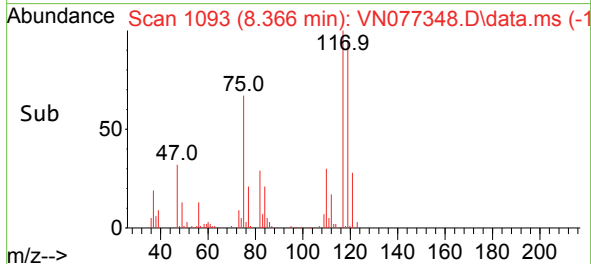


#33
Carbon Tetrachloride
Concen: 18.163 ug/l
RT: 8.366 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

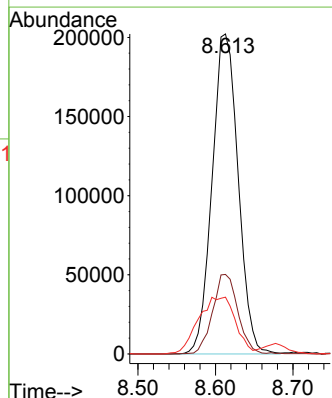
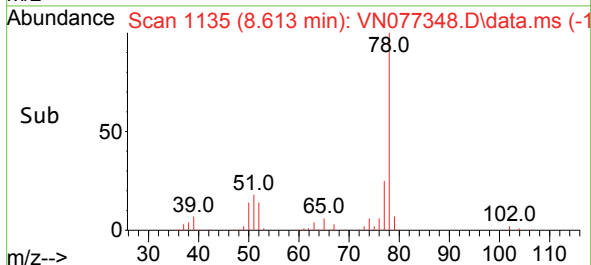
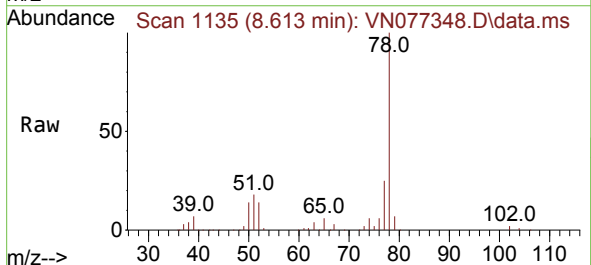


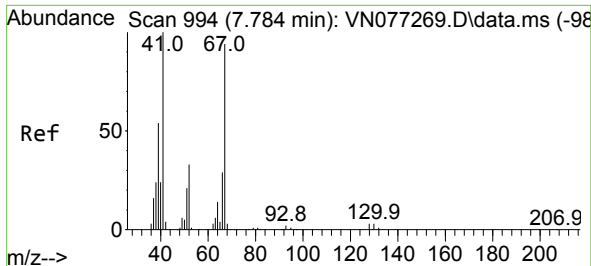
Tgt Ion:117 Resp: 163014
Ion Ratio Lower Upper
117 100
119 94.8 80.2 120.4
121 28.3 26.0 39.0



#34
Benzene
Concen: 17.870 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. 0.006 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Tgt Ion: 78 Resp: 472475
Ion Ratio Lower Upper
78 100
77 24.8 19.4 29.0
51 16.7 12.6 19.0

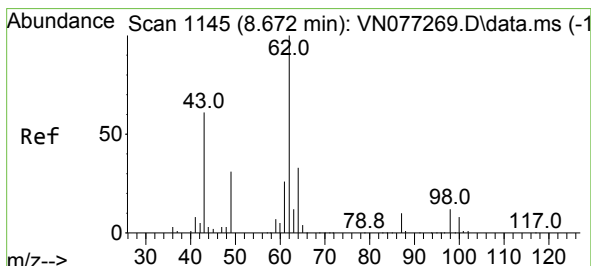
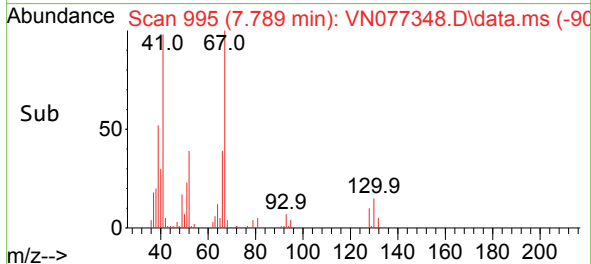
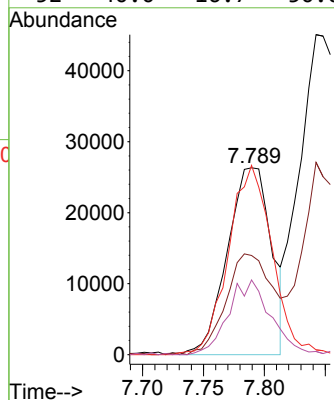
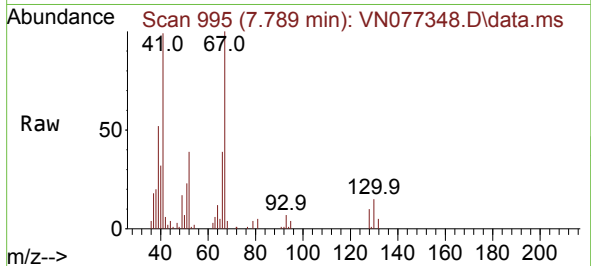




#35
Methacrylonitrile
Concen: 17.425 ug/l
RT: 7.789 min Scan# 994
Delta R.T. 0.005 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

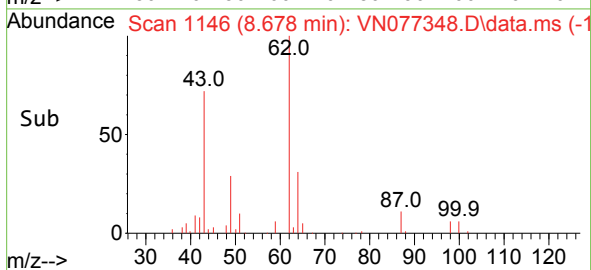
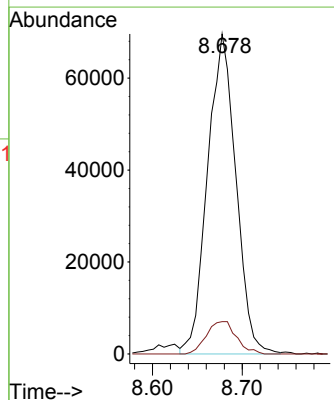
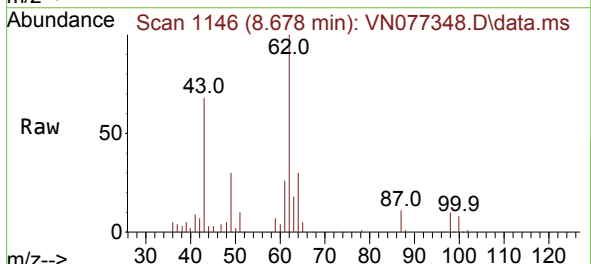
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

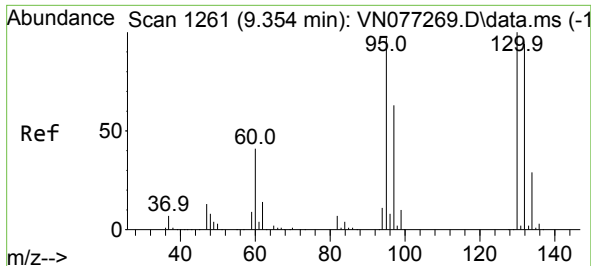
Tgt Ion:	41	Resp:	66327
Ion	Ratio	Lower	Upper
41	100		
39	52.0	27.1	81.2
67	100.2	46.8	140.4
52	40.0	16.7	50.0



#36
1,2-Dichloroethane
Concen: 18.442 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Tgt Ion:	62	Resp:	152868
Ion	Ratio	Lower	Upper
62	100		
98	10.7	8.3	12.5

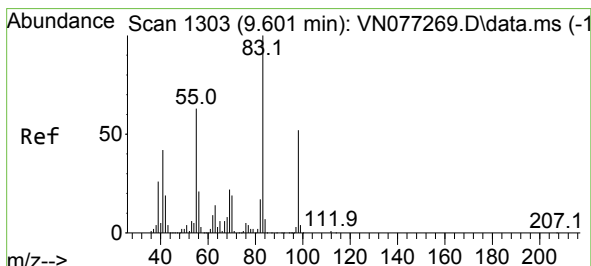
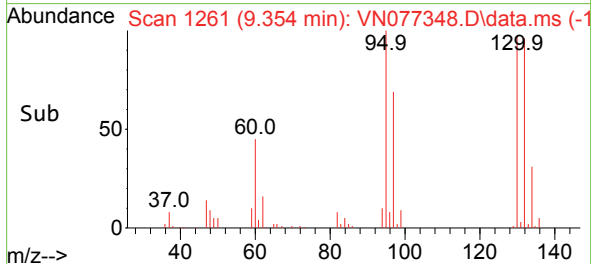
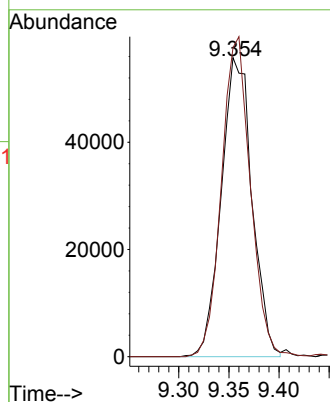
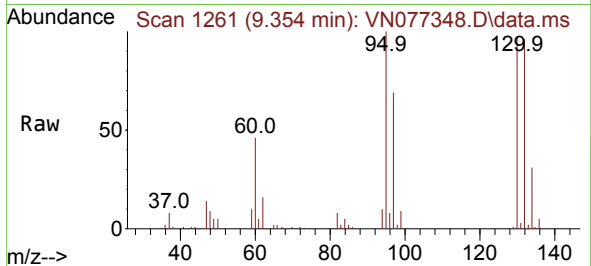




#37
Trichloroethene
Concen: 18.446 ug/l
RT: 9.354 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

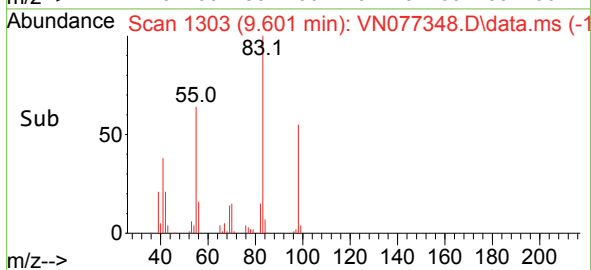
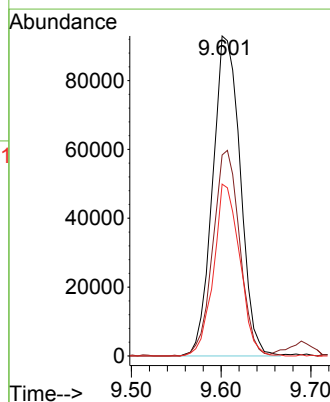
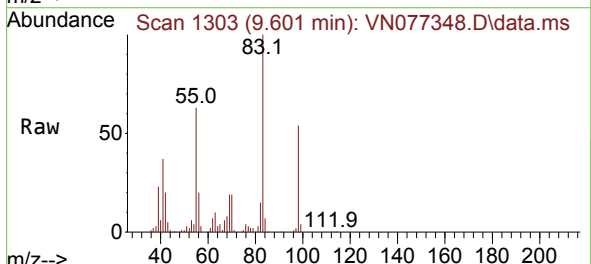
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

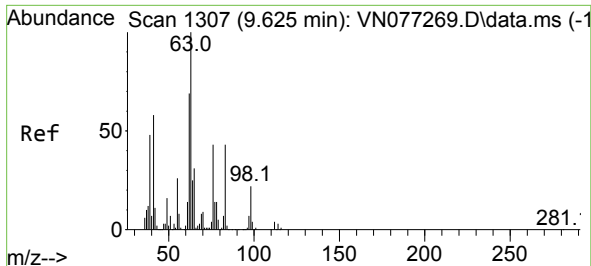
Tgt Ion:130 Resp: 119289
Ion Ratio Lower Upper
130 100
95 103.3 77.5 116.3



#38
Methylcyclohexane
Concen: 17.167 ug/l
RT: 9.601 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Tgt Ion: 83 Resp: 198954
Ion Ratio Lower Upper
83 100
55 62.1 32.0 96.2
98 50.8 25.3 75.9





#39

1,2-Dichloropropane

Concen: 17.917 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN077348.D

Acq: 14 Apr 2023 16:22

Instrument :

MSVOA_N

ClientSampleId :

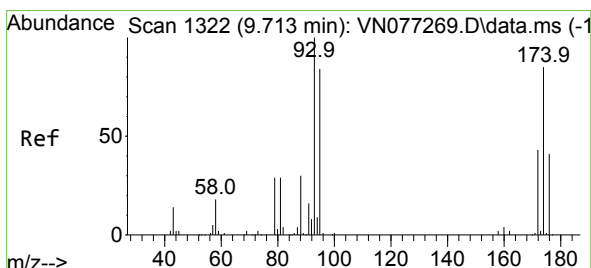
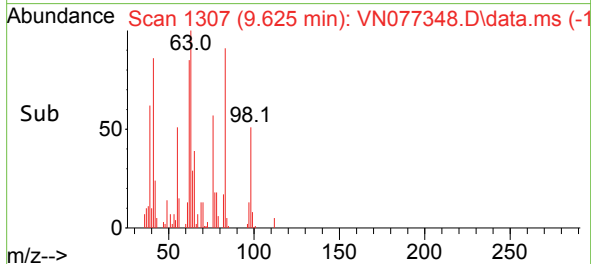
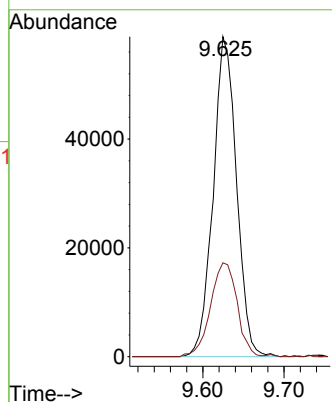
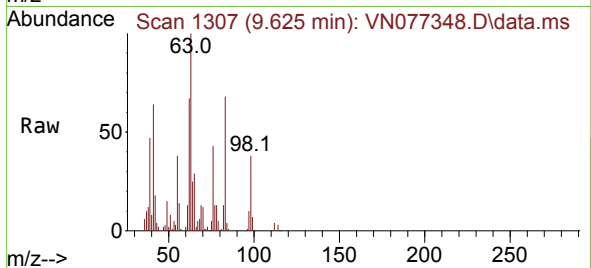
VSTDCCC020EC

Tgt Ion: 63 Resp: 117595

Ion Ratio Lower Upper

63 100

65 29.3 24.8 37.2



#40

Dibromomethane

Concen: 18.795 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077348.D

Acq: 14 Apr 2023 16:22

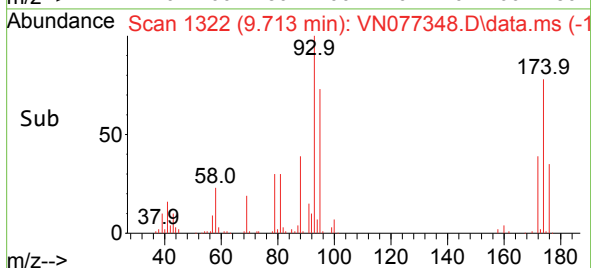
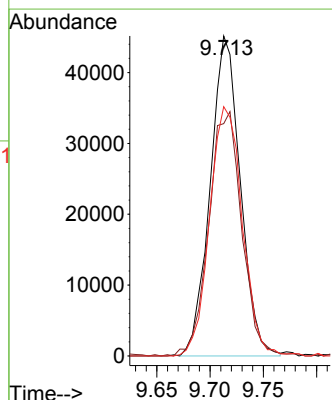
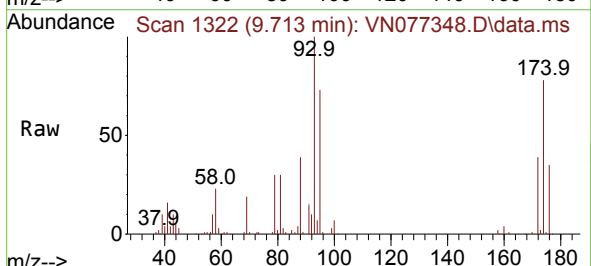
Tgt Ion: 93 Resp: 88884

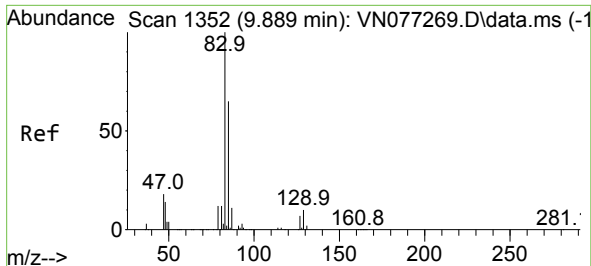
Ion Ratio Lower Upper

93 100

95 83.1 0.0 166.4

174 84.2 0.0 164.8

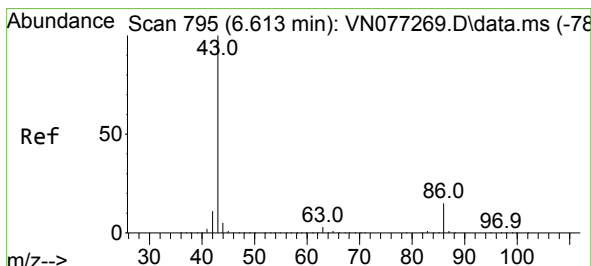
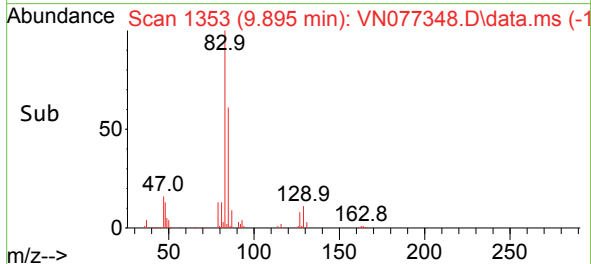
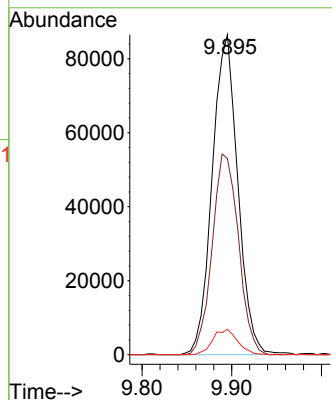
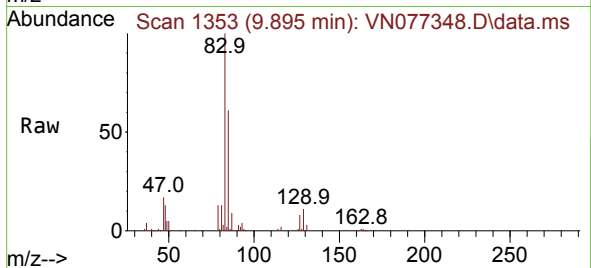




#41
Bromodichloromethane
Concen: 18.180 ug/l
RT: 9.895 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

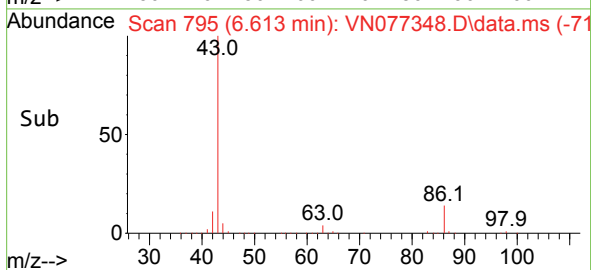
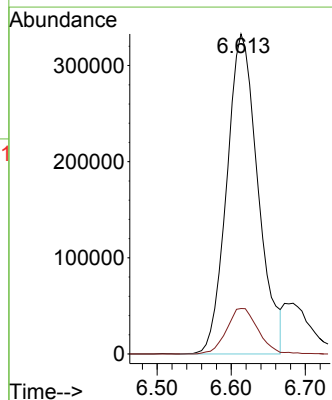
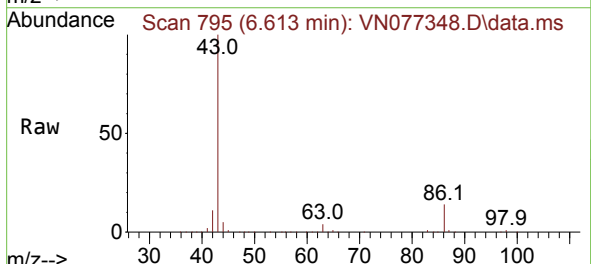
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

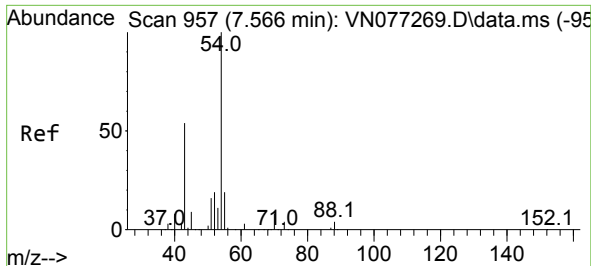
Tgt Ion: 83 Resp: 171430
Ion Ratio Lower Upper
83 100
85 61.3 52.3 78.5
127 7.9 5.9 8.9



#42
Vinyl Acetate
Concen: 83.148 ug/l
RT: 6.613 min Scan# 795
Delta R.T. 0.000 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Tgt Ion: 43 Resp: 972399
Ion Ratio Lower Upper
43 100
86 14.2 0.0 0.0#

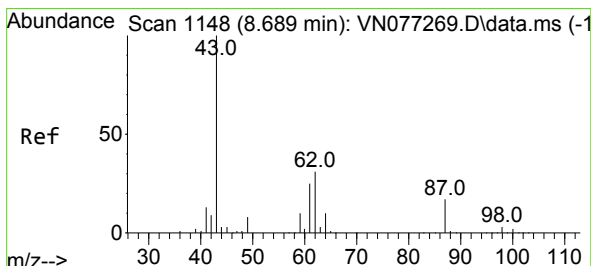
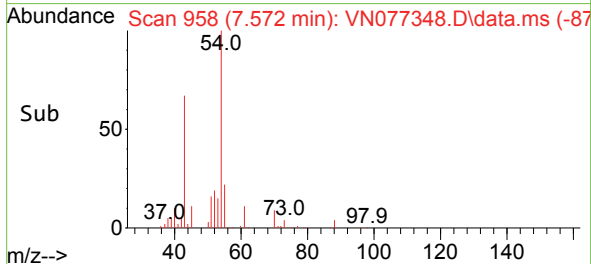
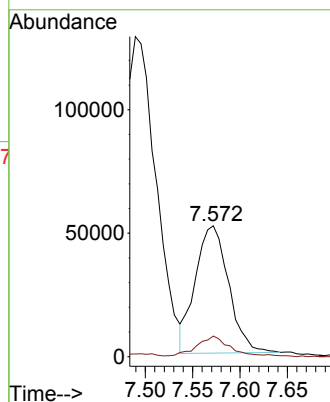
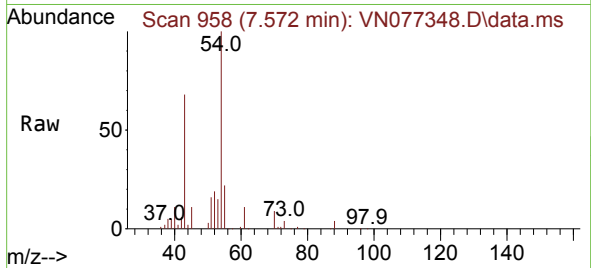




#43
Ethyl Acetate
Concen: 16.868 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

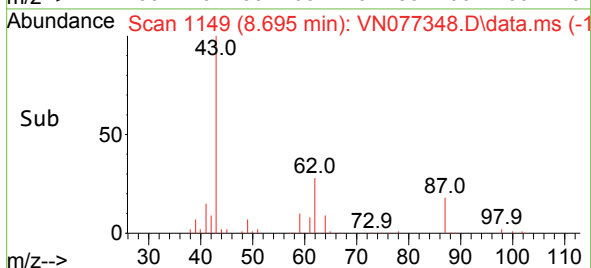
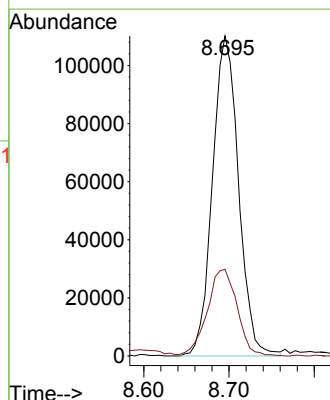
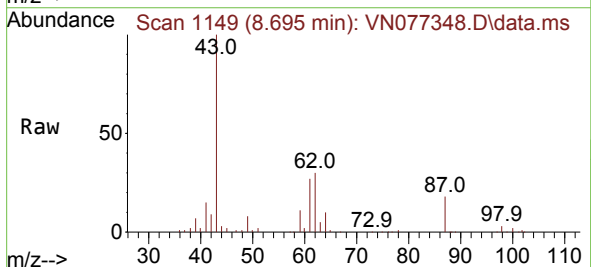
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

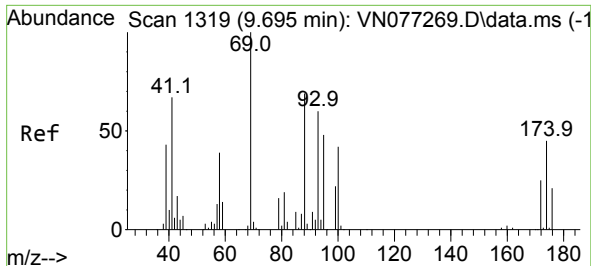
Tgt Ion: 43 Resp: 126107
Ion Ratio Lower Upper
43 100
45 14.4 12.3 18.5



#44
Isopropyl Acetate
Concen: 17.508 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.006 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Tgt Ion: 43 Resp: 234353
Ion Ratio Lower Upper
43 100
61 31.1 0.0 0.0#

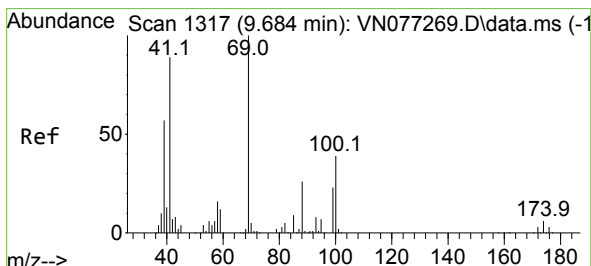
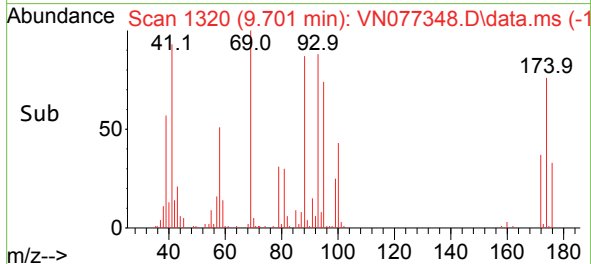
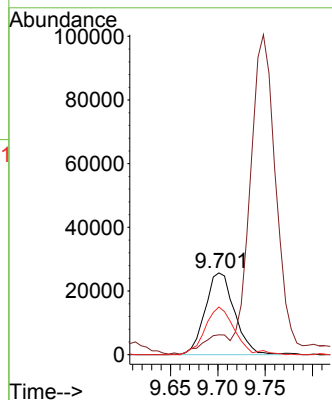
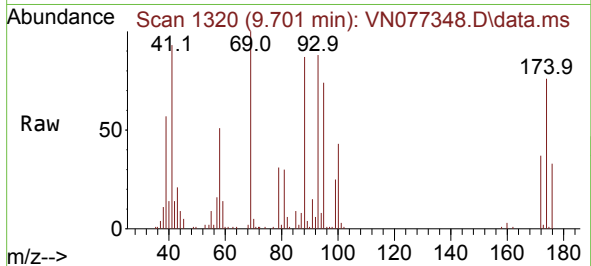




#45
1,4-Dioxane
Concen: 391.729 ug/l
RT: 9.701 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

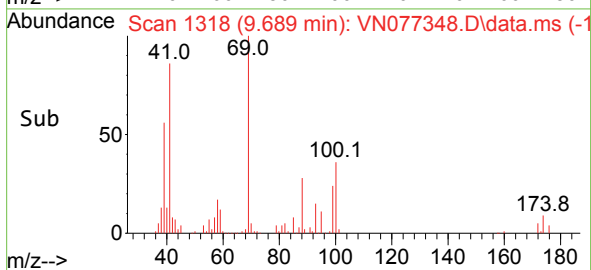
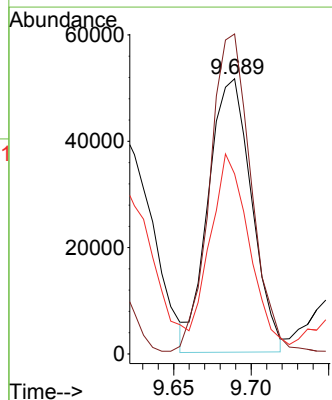
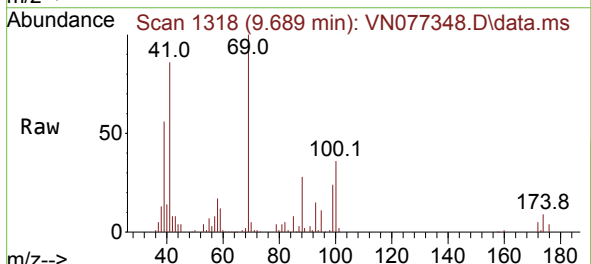
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

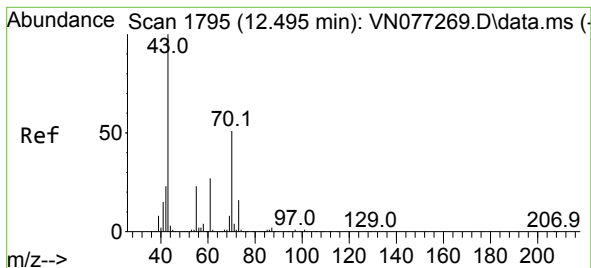
Tgt Ion: 88 Resp: 55300
Ion Ratio Lower Upper
88 100
43 21.6 17.4 26.0
58 56.6 48.2 72.4



#46
Methyl methacrylate
Concen: 17.298 ug/l
RT: 9.689 min Scan# 1318
Delta R.T. 0.005 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Tgt Ion: 41 Resp: 99687
Ion Ratio Lower Upper
41 100
69 120.0 54.5 163.5
39 63.0 33.4 100.2





#47

n-amy1 Acetate

Concen: 17.358 ug/l

RT: 12.501 min Scan# 1796

Delta R.T. 0.006 min

Lab File: VN077348.D

Acq: 14 Apr 2023 16:22

Instrument :

MSVOA_N

ClientSampleId :

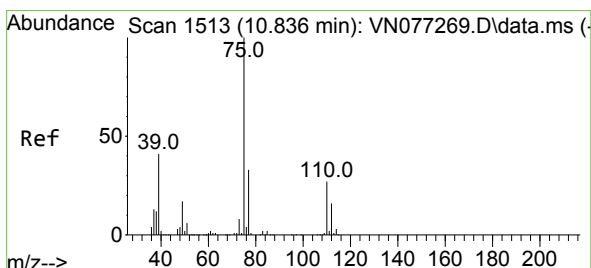
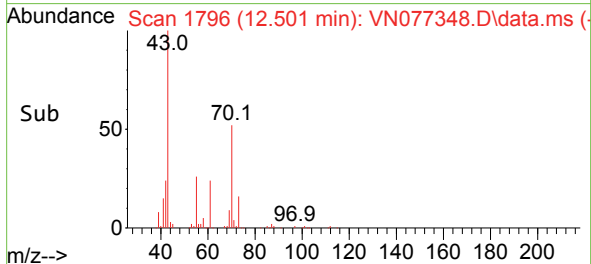
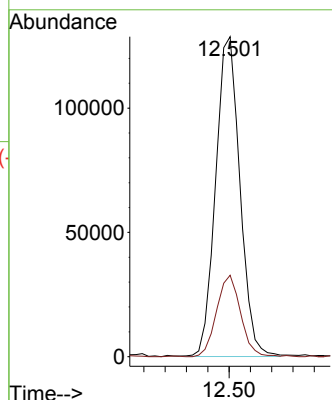
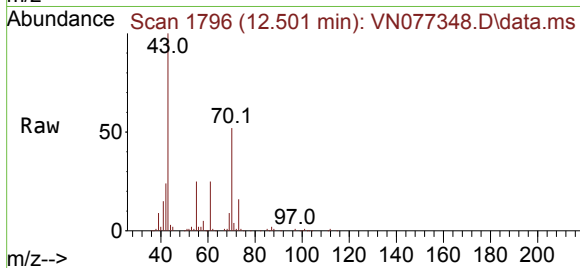
VSTDCCC020EC

Tgt Ion: 43 Resp: 203048

Ion Ratio Lower Upper

43 100

55 25.2 19.4 29.0



#48

t-1,3-Dichloropropene

Concen: 17.405 ug/l

RT: 10.836 min Scan# 1513

Delta R.T. 0.000 min

Lab File: VN077348.D

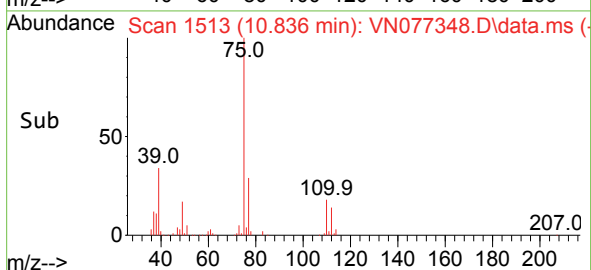
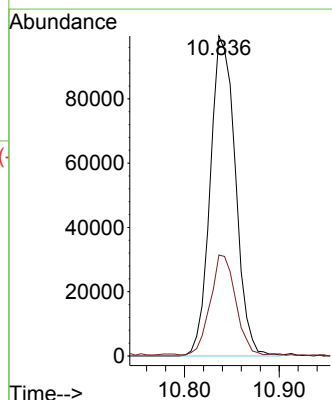
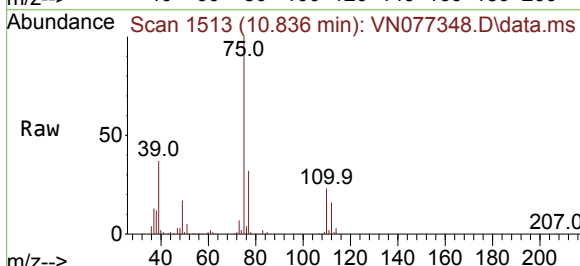
Acq: 14 Apr 2023 16:22

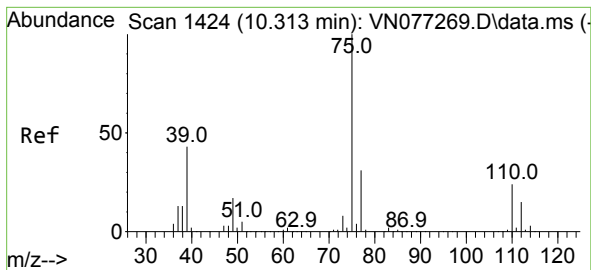
Tgt Ion: 75 Resp: 183679

Ion Ratio Lower Upper

75 100

77 31.2 26.5 39.7

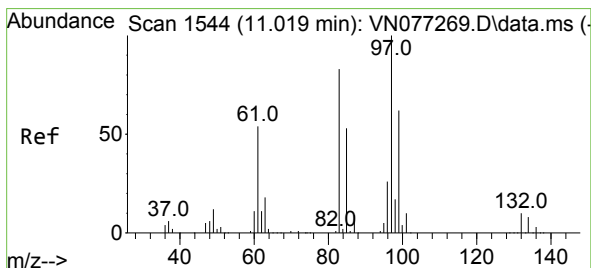
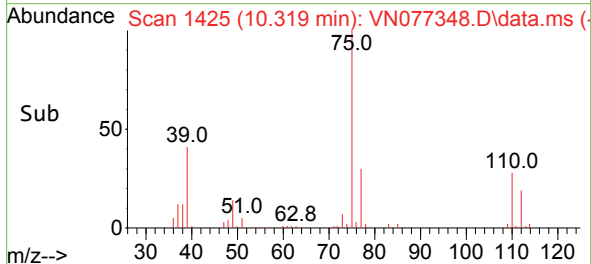
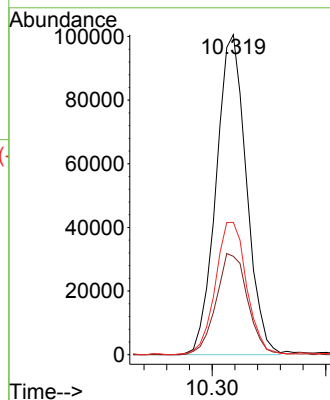
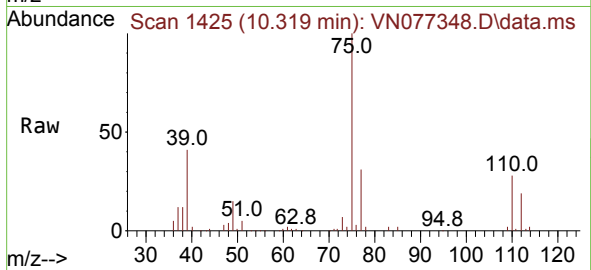




#49
 cis-1,3-Dichloropropene
 Concen: 16.554 ug/l
 RT: 10.319 min Scan# 1424
 Delta R.T. 0.006 min
 Lab File: VN077348.D
 Acq: 14 Apr 2023 16:22

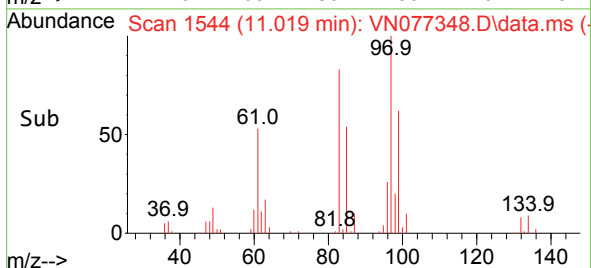
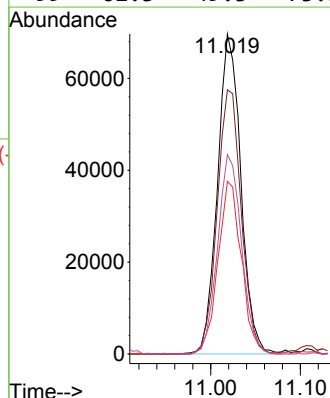
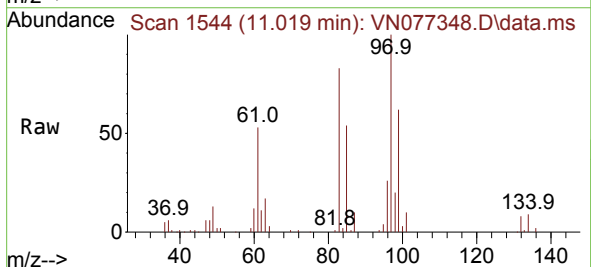
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

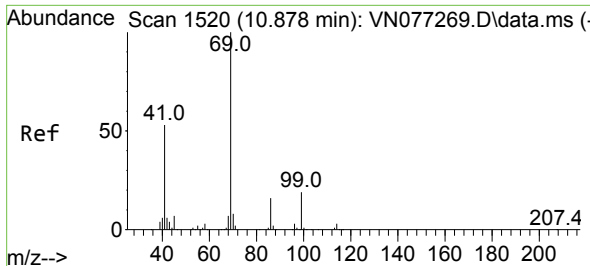
Tgt Ion: 75 Resp: 185855
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.0 37.6
 39 41.0 34.4 51.6



#50
 1,1,2-Trichloroethane
 Concen: 18.343 ug/l
 RT: 11.019 min Scan# 1544
 Delta R.T. -0.000 min
 Lab File: VN077348.D
 Acq: 14 Apr 2023 16:22

Tgt Ion: 97 Resp: 125999
 Ion Ratio Lower Upper
 97 100
 83 82.6 66.7 100.1
 85 54.0 42.4 63.6
 99 62.3 49.3 73.9

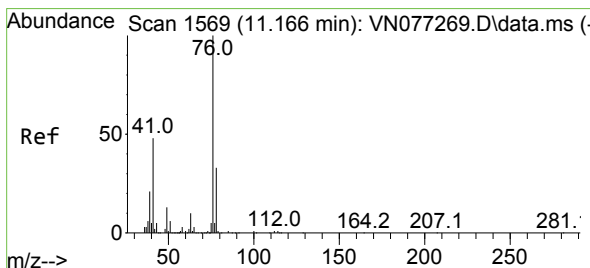
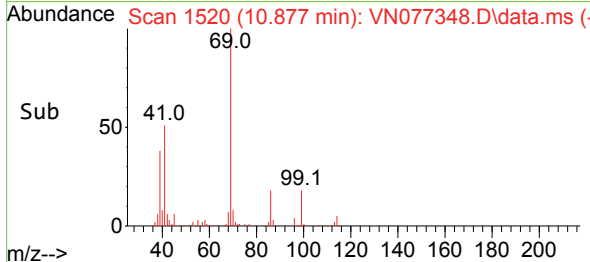
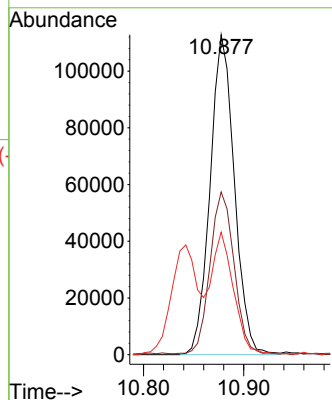
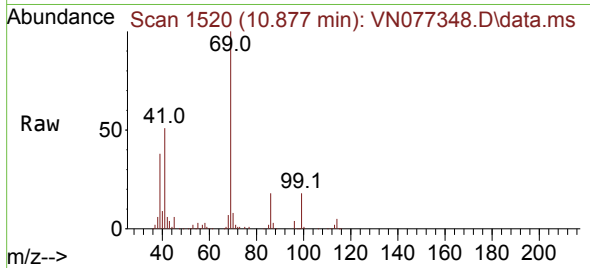




#51
Ethyl methacrylate
Concen: 18.024 ug/l
RT: 10.877 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

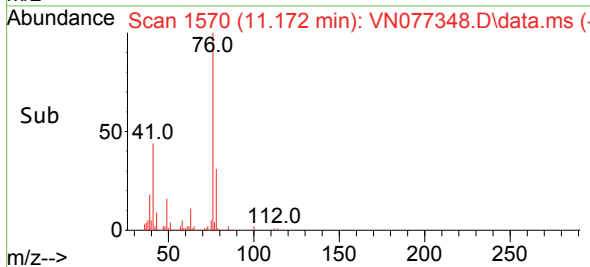
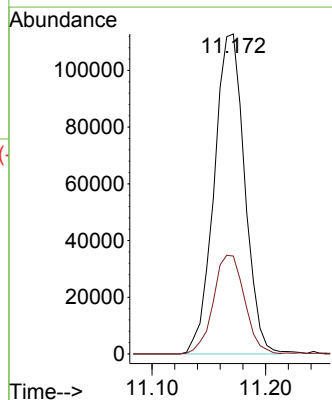
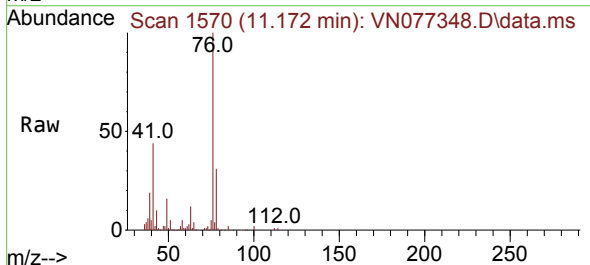
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

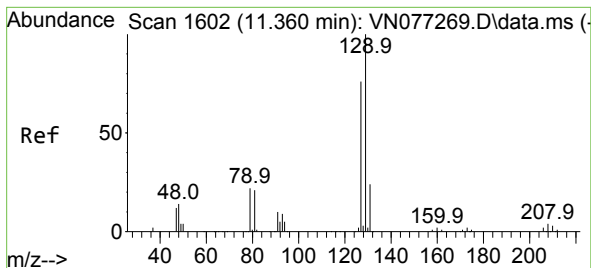
Tgt Ion: 69 Resp: 190133
Ion Ratio Lower Upper
69 100
41 50.7 26.7 80.0
39 37.9 17.0 50.9



#52
1,3-Dichloropropane
Concen: 18.392 ug/l
RT: 11.172 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Tgt Ion: 76 Resp: 210850
Ion Ratio Lower Upper
76 100
78 31.5 0.0 65.0





#53

Dibromochloromethane

Concen: 18.483 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN077348.D

Acq: 14 Apr 2023 16:22

Instrument :

MSVOA_N

ClientSampleId :

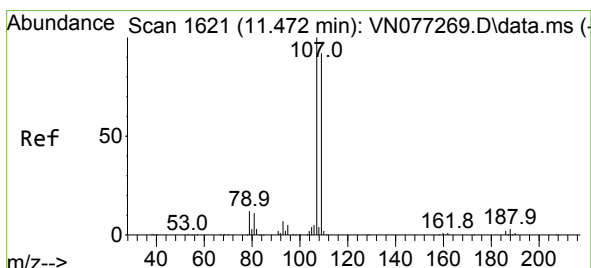
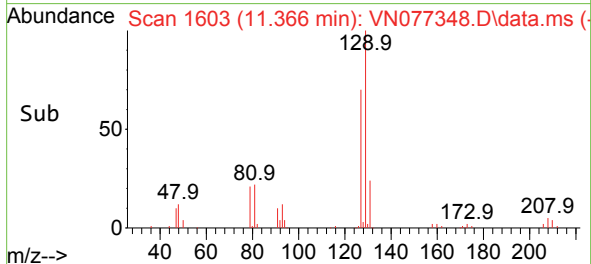
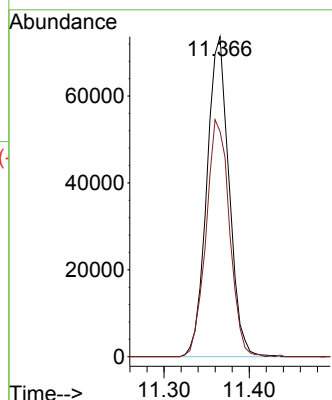
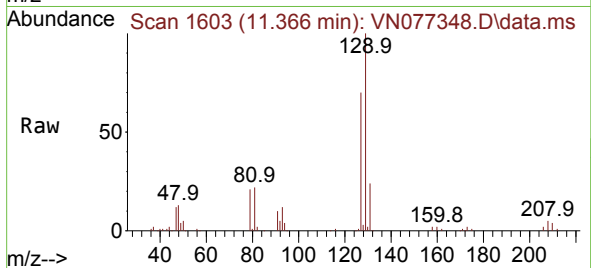
VSTDCCC020EC

Tgt Ion:129 Resp: 133808

Ion Ratio Lower Upper

129 100

127 77.8 38.6 115.8



#54

1,2-Dibromoethane

Concen: 18.529 ug/l

RT: 11.472 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VN077348.D

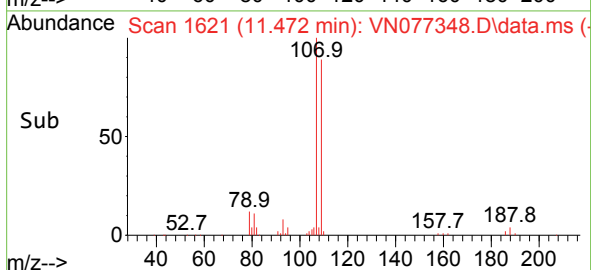
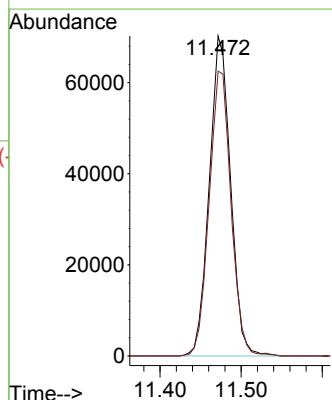
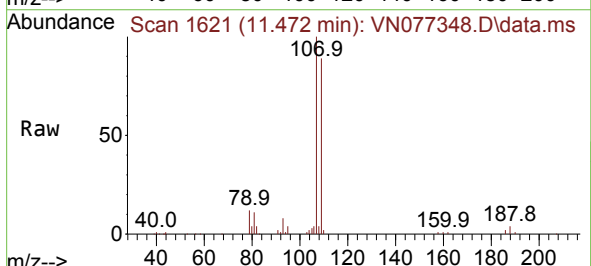
Acq: 14 Apr 2023 16:22

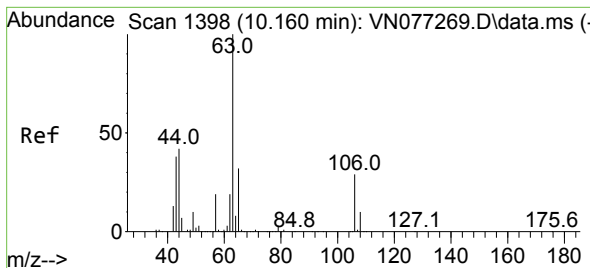
Tgt Ion:107 Resp: 127771

Ion Ratio Lower Upper

107 100

109 91.4 74.1 111.1

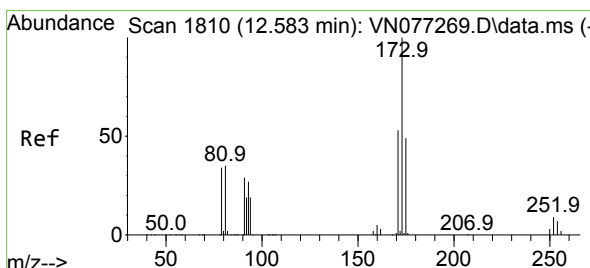
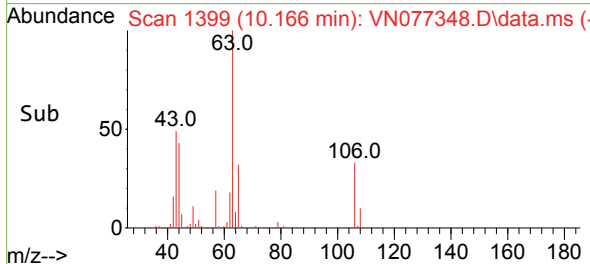
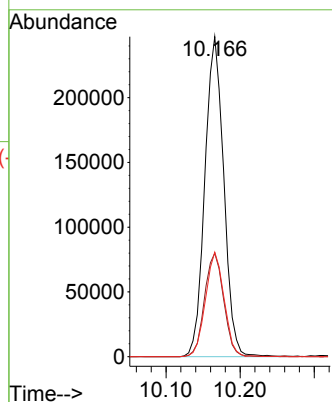
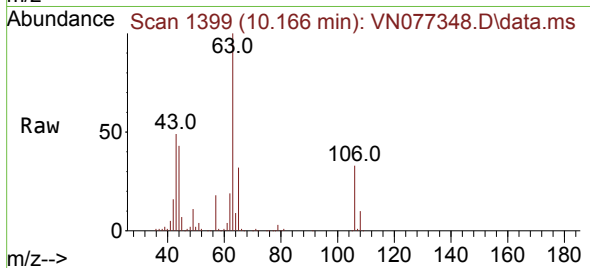




#55
2-Chloroethyl vinyl ether
Concen: 134.328 ug/l
RT: 10.166 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

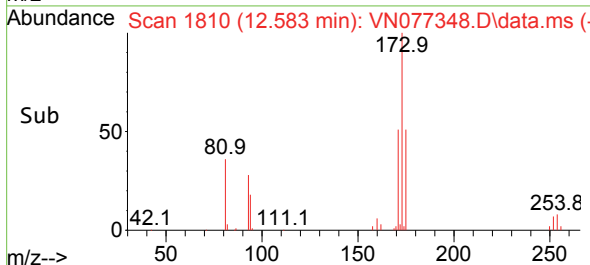
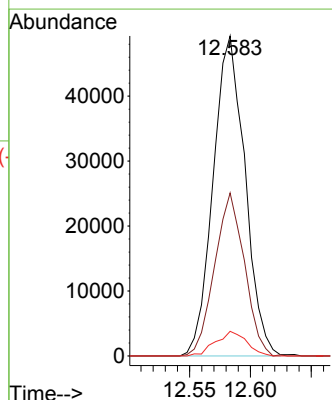
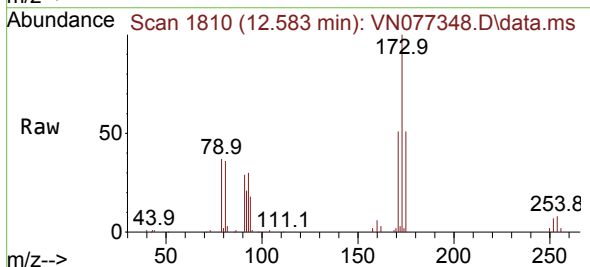
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

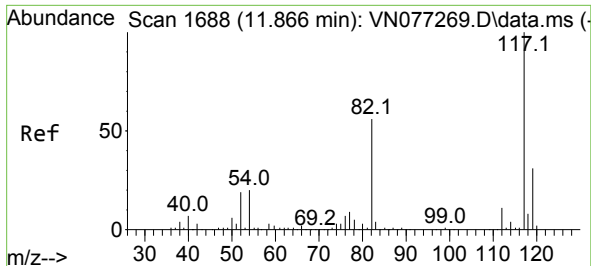
Tgt Ion: 63 Resp: 437483
Ion Ratio Lower Upper
63 100
65 32.7 25.7 38.5
106 32.1 24.0 36.0



#56
Bromoform
Concen: 18.406 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Tgt Ion:173 Resp: 89514
Ion Ratio Lower Upper
173 100
175 47.7 38.2 57.2
254 7.5 6.0 9.0





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.872 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN077348.D

Acq: 14 Apr 2023 16:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

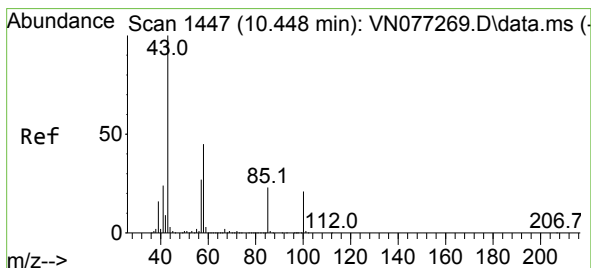
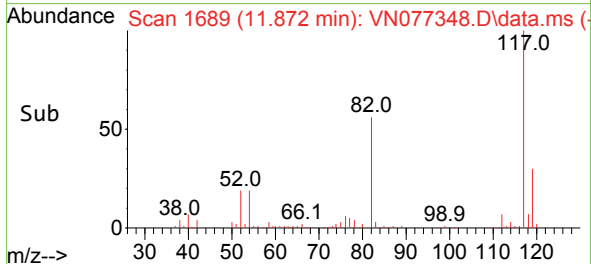
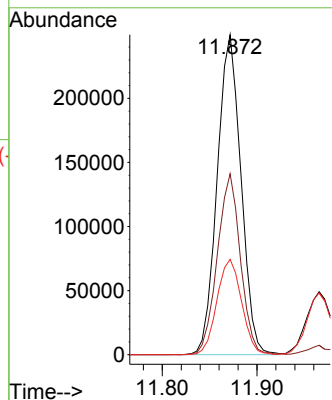
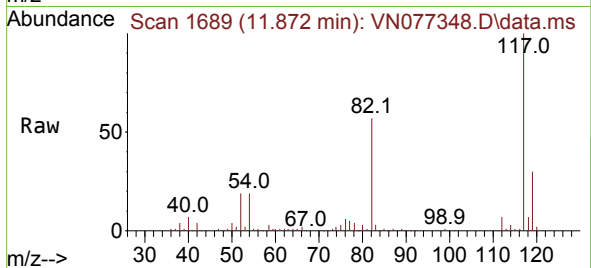
Tgt Ion:117 Resp: 436310

Ion Ratio Lower Upper

117 100

82 55.0 43.8 65.8

119 30.9 25.4 38.0



#58

4-Methyl-2-Pentanone

Concen: 90.955 ug/l

RT: 10.448 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VN077348.D

Acq: 14 Apr 2023 16:22

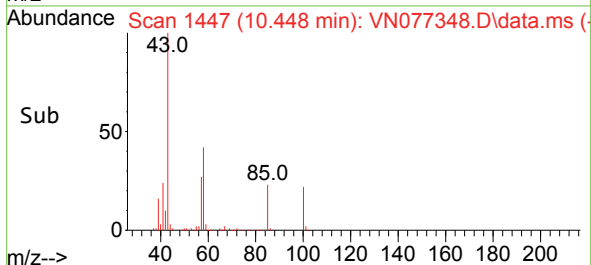
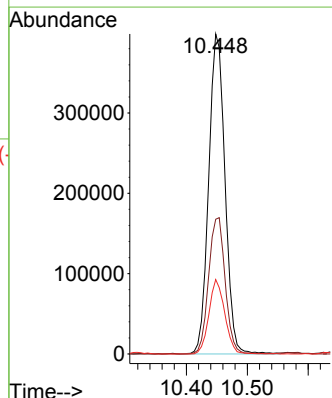
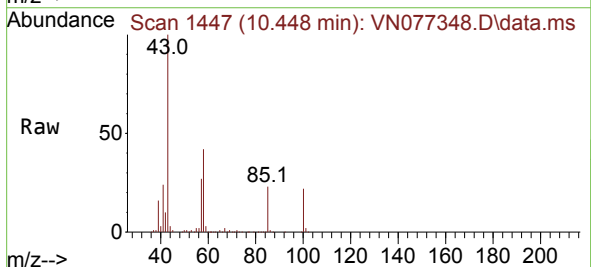
Tgt Ion: 43 Resp: 743031

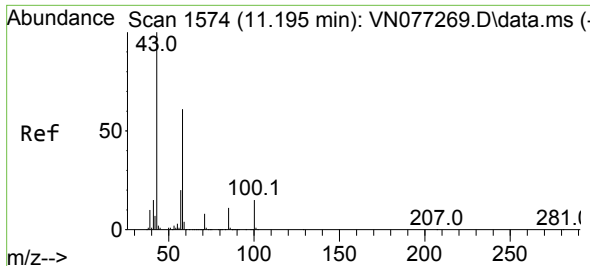
Ion Ratio Lower Upper

43 100

58 43.1 34.7 52.1

85 22.5 17.8 26.8

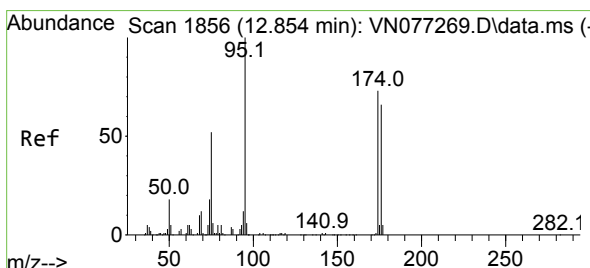
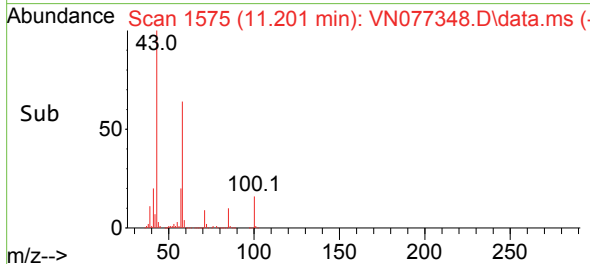
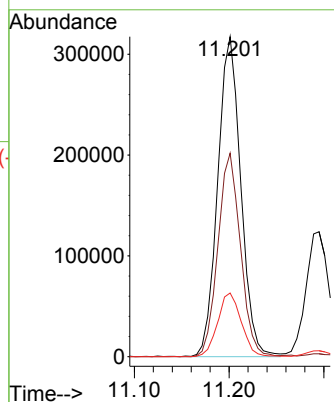
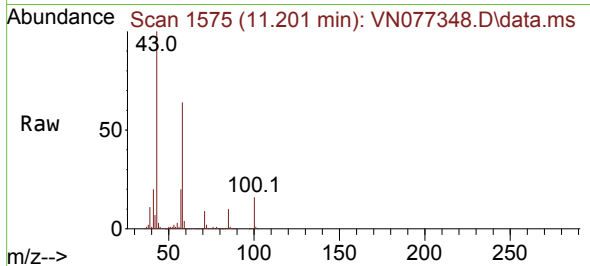




#59
2-Hexanone
Concen: 85.252 ug/l
RT: 11.201 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

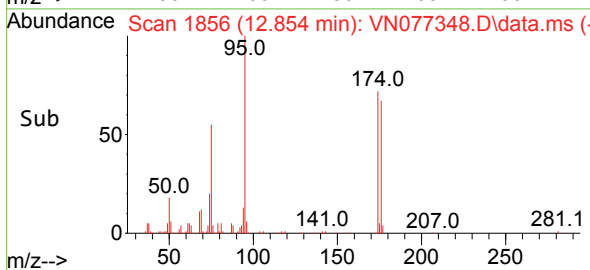
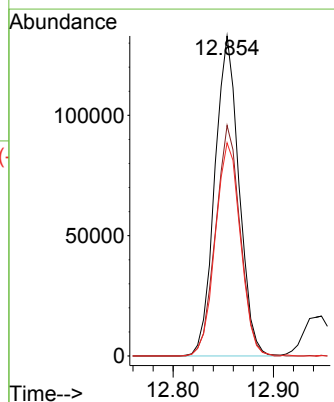
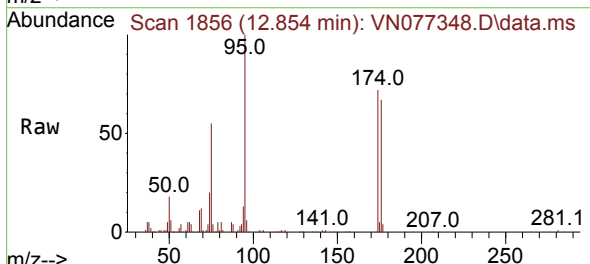
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

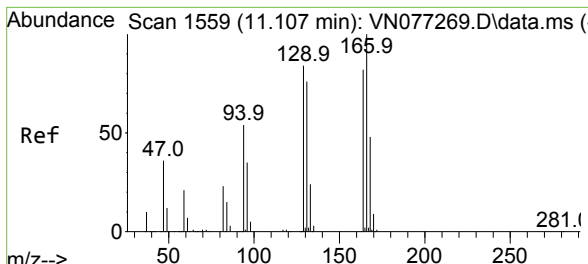
Tgt Ion: 43 Resp: 538325
Ion Ratio Lower Upper
43 100
58 62.0 48.6 73.0
57 20.5 16.7 25.1



#60
4-Bromofluorobenzene
Concen: 29.566 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Tgt Ion: 95 Resp: 223059
Ion Ratio Lower Upper
95 100
174 73.2 57.8 86.8
176 69.1 54.6 81.8

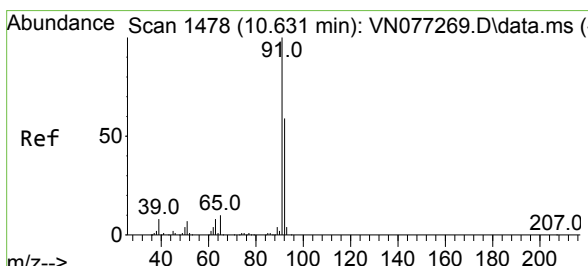
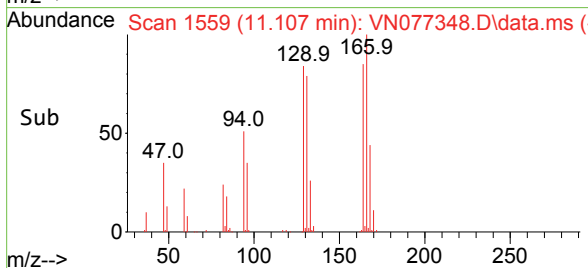
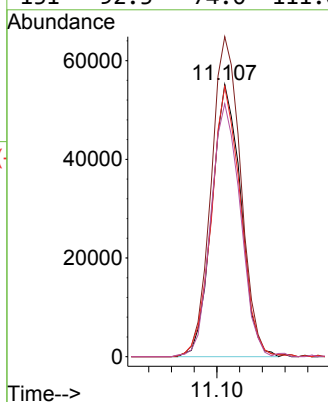
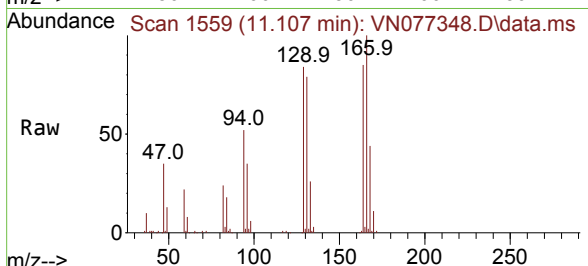




#61
Tetrachloroethene
Concen: 18.784 ug/l
RT: 11.107 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

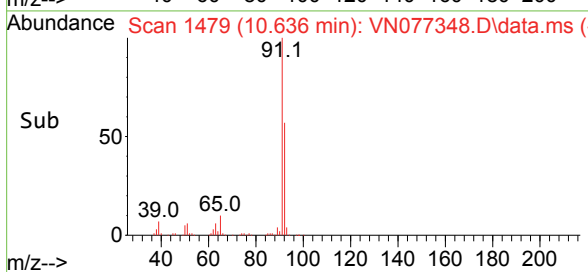
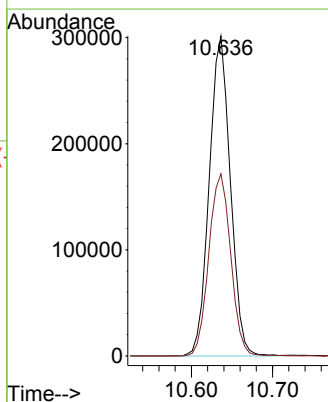
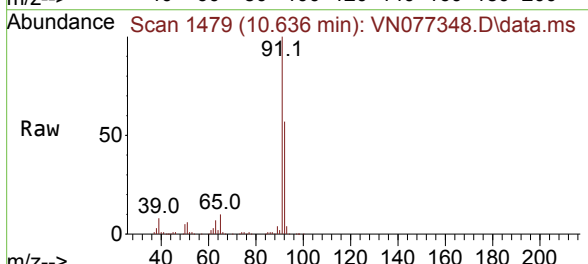
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

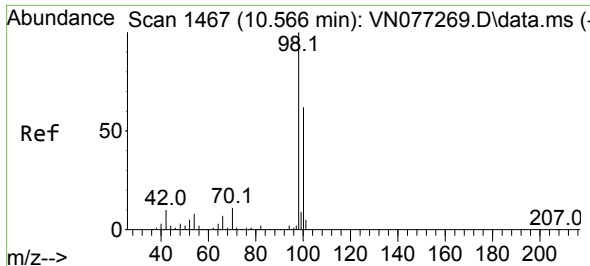
Tgt Ion:164	Resp:	97482
Ion	Ratio	Lower Upper
164	100	
166	117.2	97.9 146.9
129	98.9	82.5 123.7
131	92.3	74.0 111.0



#62
Toluene
Concen: 17.901 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. 0.005 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Tgt Ion: 91	Resp:	544949
Ion	Ratio	Lower Upper
91	100	
92	59.0	46.6 70.0

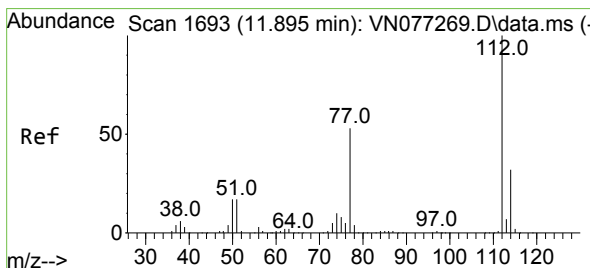
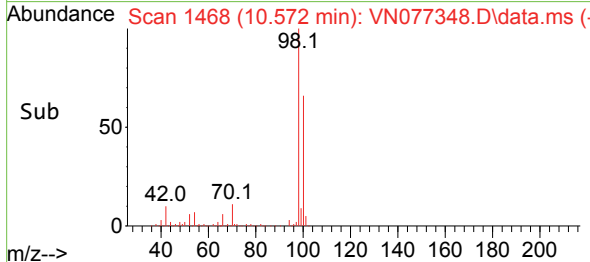
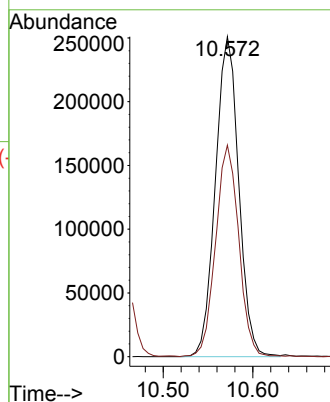
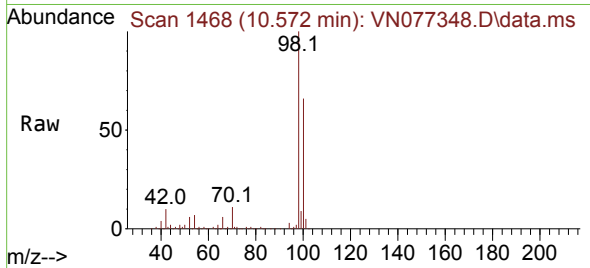




#63
Toluene-d8
Concen: 29.521 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

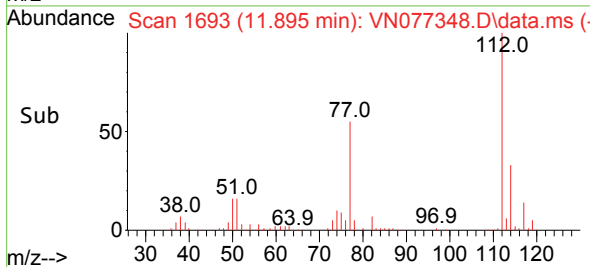
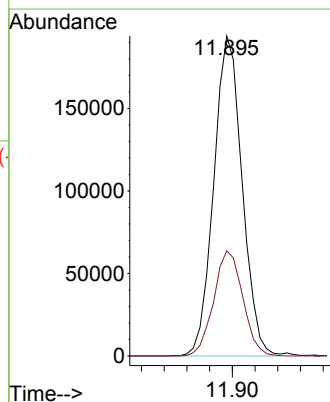
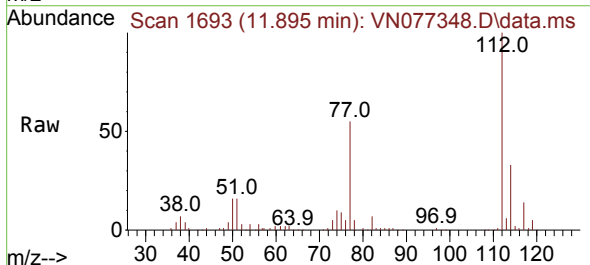
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

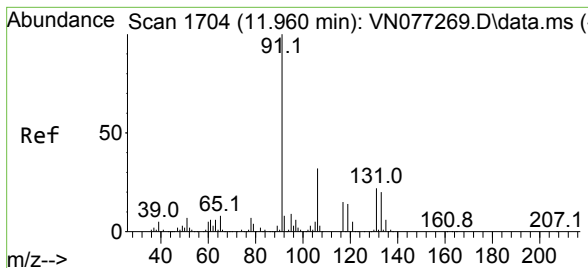
Tgt Ion: 98 Resp: 452806
Ion Ratio Lower Upper
98 100
100 65.4 51.4 77.2



#64
Chlorobenzene
Concen: 18.166 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Tgt Ion: 112 Resp: 335984
Ion Ratio Lower Upper
112 100
114 32.9 25.6 38.4

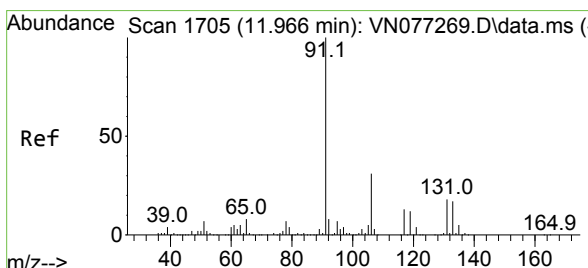
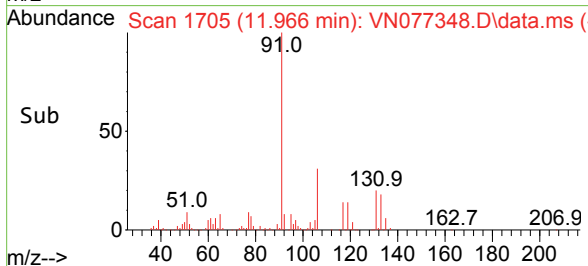
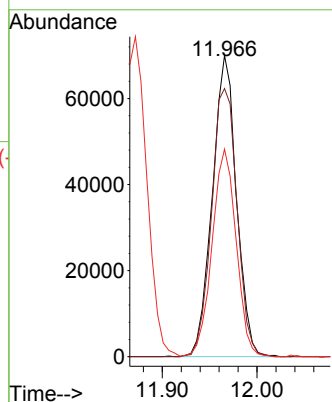
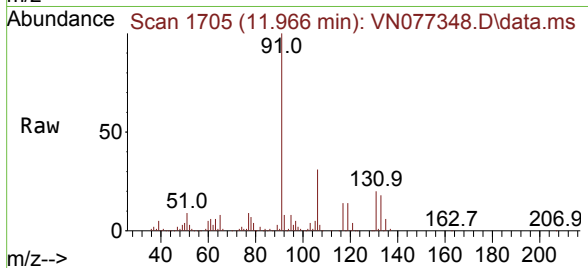




#65
1,1,1,2-Tetrachloroethane
Concen: 18.235 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.006 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

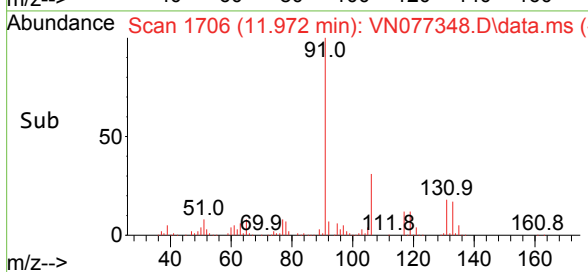
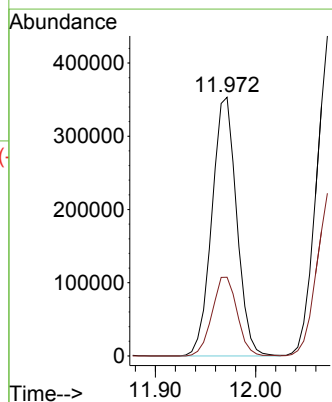
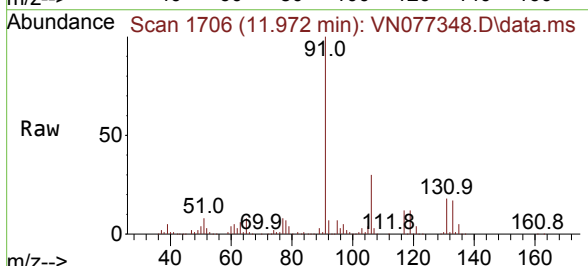
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

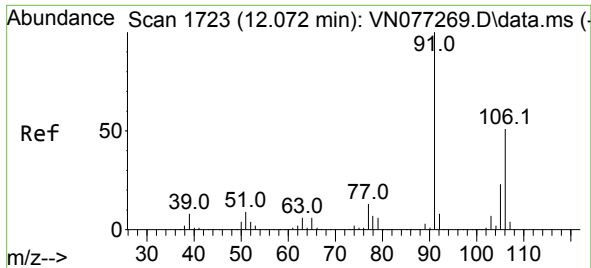
Tgt Ion:131 Resp: 124020
Ion Ratio Lower Upper
131 100
133 93.9 0.0 184.4
119 68.7 0.0 134.8



#66
Ethyl Benzene
Concen: 17.969 ug/l
RT: 11.972 min Scan# 1706
Delta R.T. 0.006 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Tgt Ion: 91 Resp: 606028
Ion Ratio Lower Upper
91 100
106 30.5 25.0 37.6

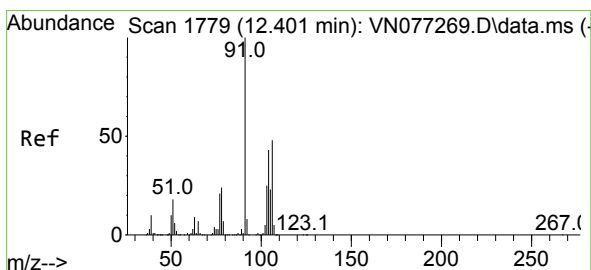
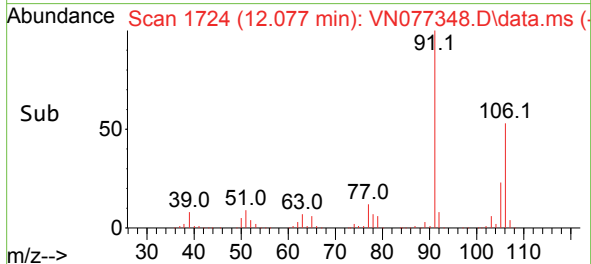
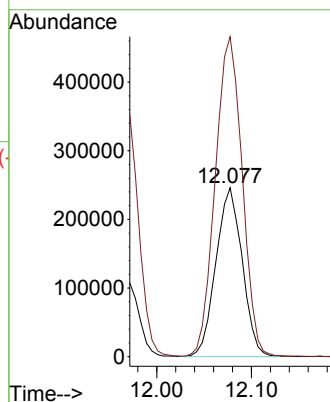
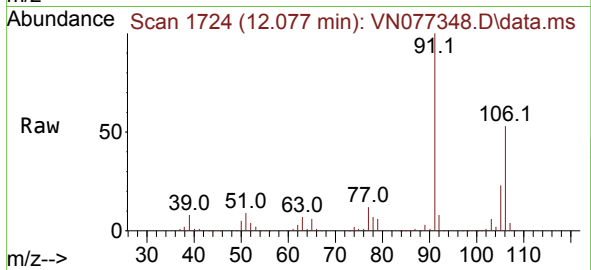




#67
m/p-Xylenes
Concen: 35.920 ug/l
RT: 12.077 min Scan# 1723
Delta R.T. 0.005 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

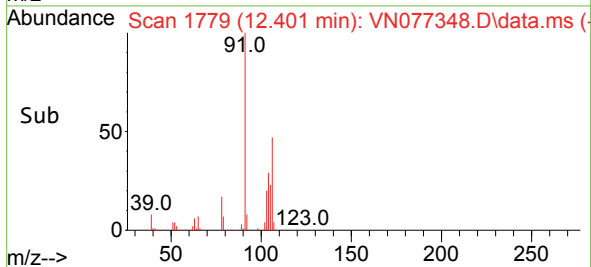
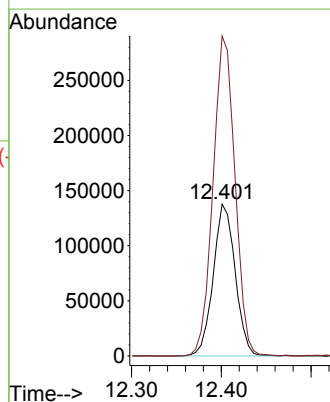
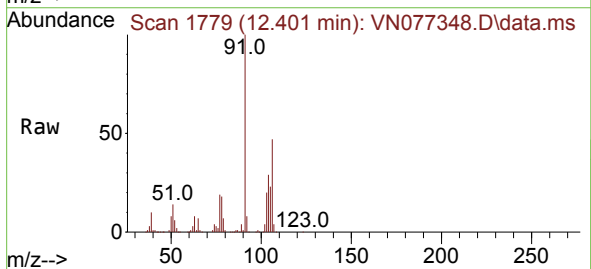
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

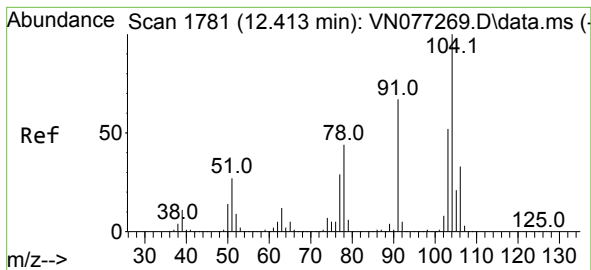
Tgt Ion:106 Resp: 474850
Ion Ratio Lower Upper
106 100
91 194.7 158.0 237.0



#68
o-Xylene
Concen: 17.691 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Tgt Ion:106 Resp: 233970
Ion Ratio Lower Upper
106 100
91 210.9 103.6 310.8





#69

Styrene

Concen: 17.687 ug/l

RT: 12.413 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077348.D

Acq: 14 Apr 2023 16:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

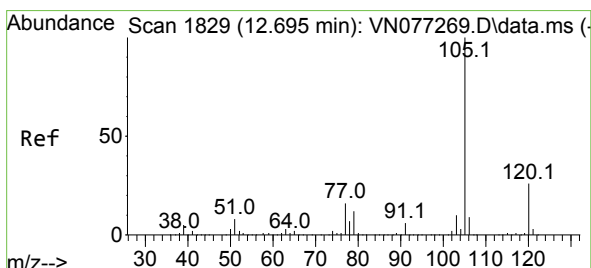
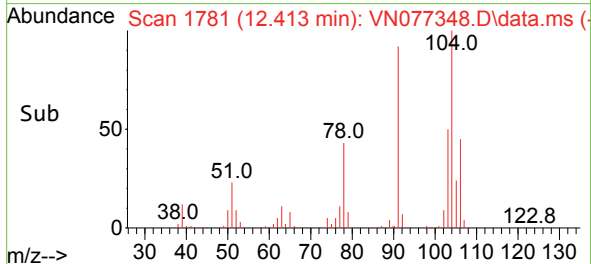
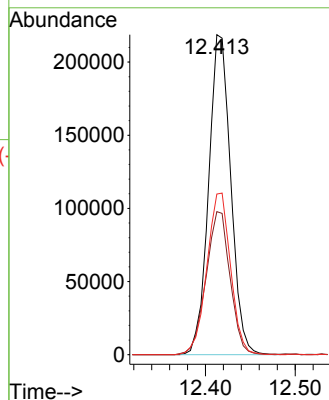
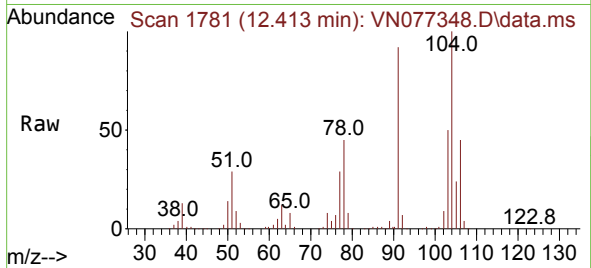
Tgt Ion:104 Resp: 374765

Ion Ratio Lower Upper

104 100

78 48.5 38.2 57.4

103 54.0 43.6 65.4



#70

Isopropylbenzene

Concen: 18.218 ug/l

RT: 12.701 min Scan# 1830

Delta R.T. 0.006 min

Lab File: VN077348.D

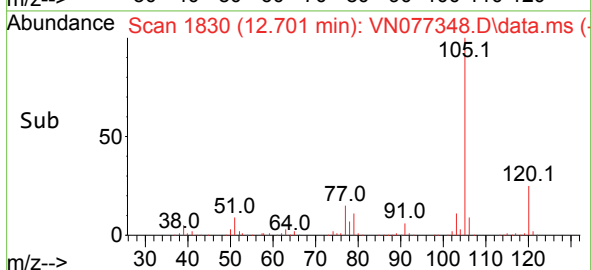
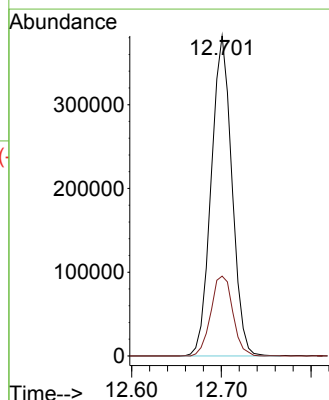
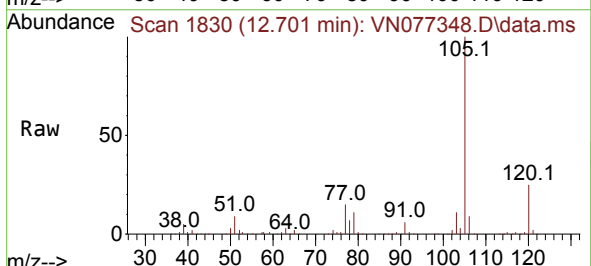
Acq: 14 Apr 2023 16:22

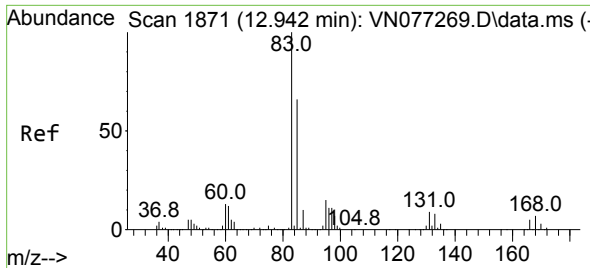
Tgt Ion:105 Resp: 611450

Ion Ratio Lower Upper

105 100

120 26.5 18.3 34.1

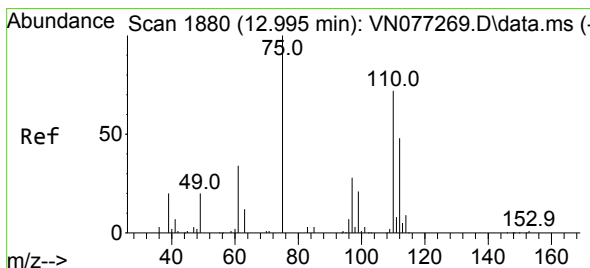
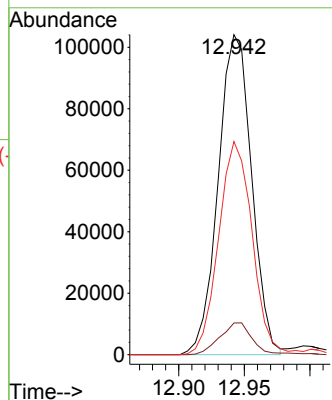
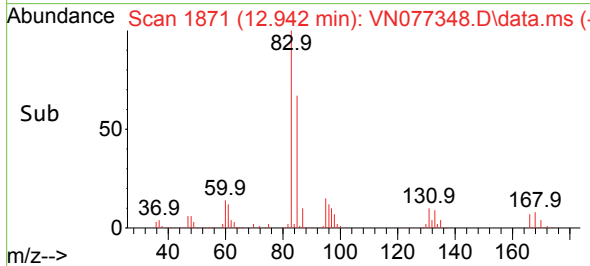
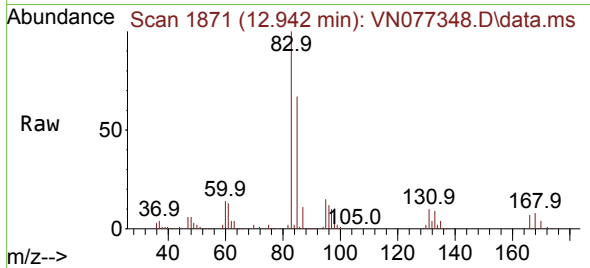




#71
1,1,2,2-Tetrachloroethane
Concen: 17.960 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

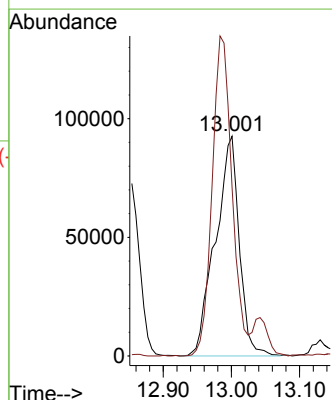
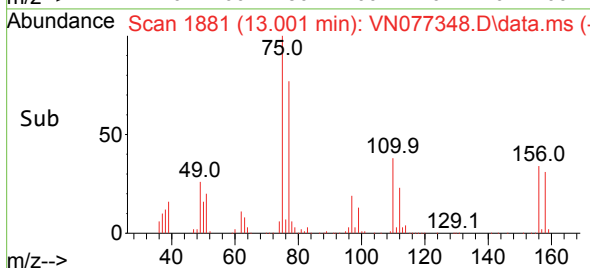
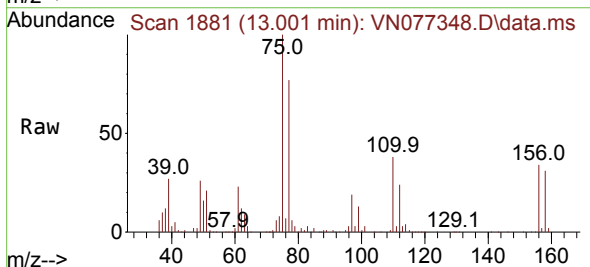
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

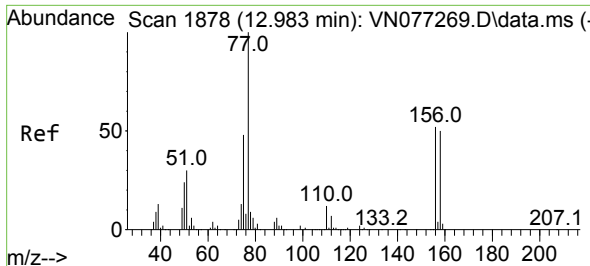
Tgt Ion: 83 Resp: 184603
Ion Ratio Lower Upper
83 100
131 9.9 4.7 14.0
85 67.0 32.3 96.8



#72
1,2,3-Trichloropropane
Concen: 32.332 ug/l
RT: 13.001 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Tgt Ion: 75 Resp: 225894
Ion Ratio Lower Upper
75 100
77 121.1 0.0 434.2

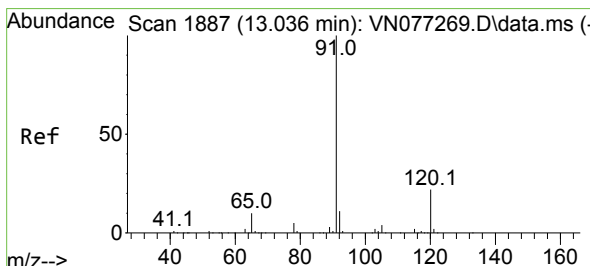
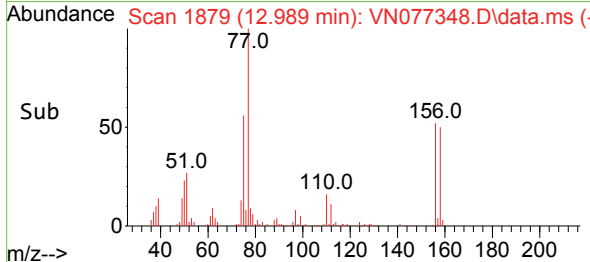
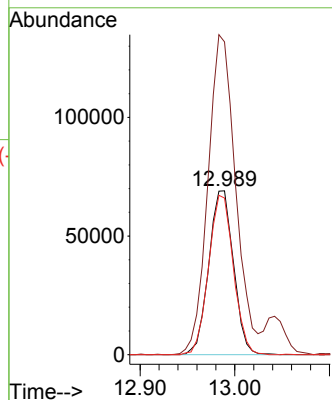
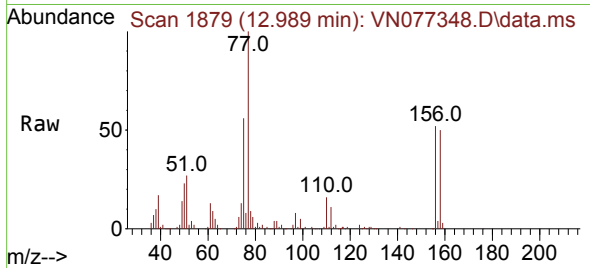




#73
Bromobenzene
Concen: 18.367 ug/l
RT: 12.989 min Scan# 1879
Delta R.T. 0.006 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

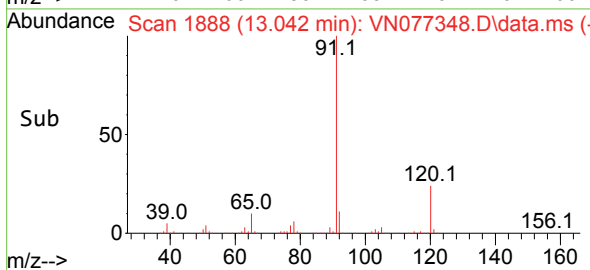
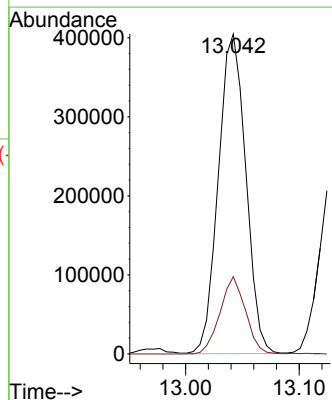
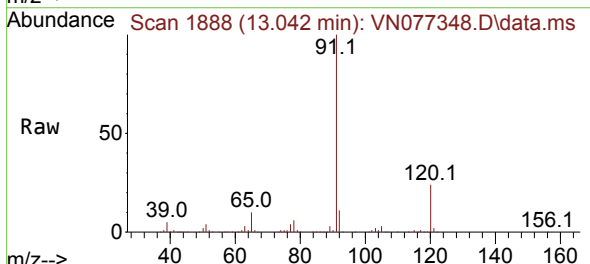
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

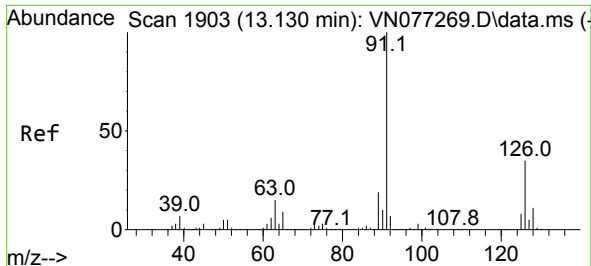
Tgt Ion:156 Resp: 125243
Ion Ratio Lower Upper
156 100
77 218.3 0.0 456.6
158 97.5 0.0 195.6



#74
n-propylbenzene
Concen: 18.249 ug/l
RT: 13.042 min Scan# 1888
Delta R.T. 0.006 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Tgt Ion: 91 Resp: 677667
Ion Ratio Lower Upper
91 100
120 22.5 0.0 45.6

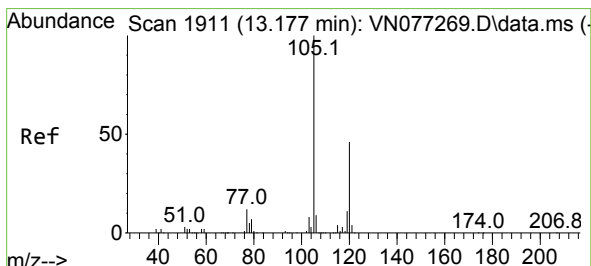
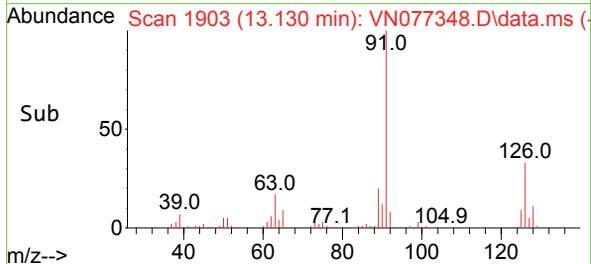
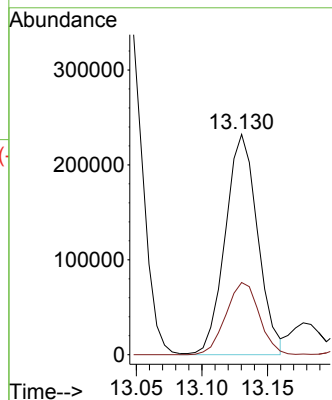
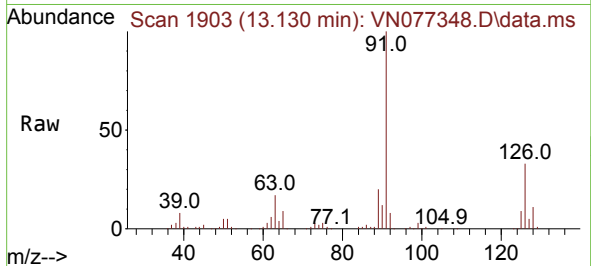




#75
2-Chlorotoluene
Concen: 17.971 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

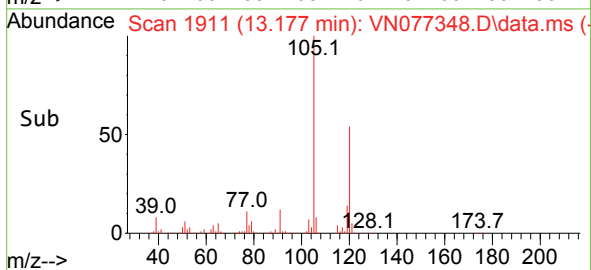
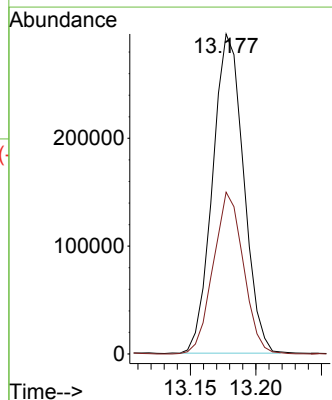
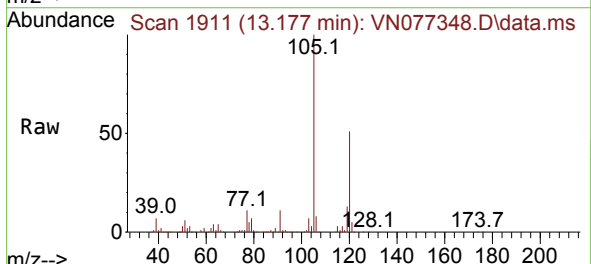
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

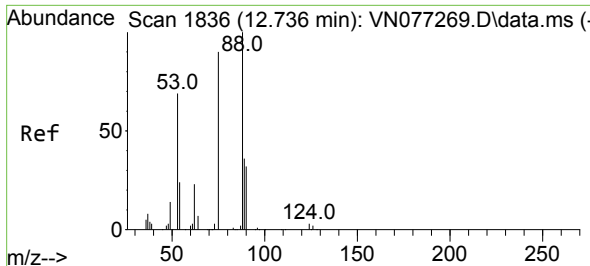
Tgt Ion: 91 Resp: 399794
Ion Ratio Lower Upper
91 100
126 33.6 0.0 67.0



#76
1,3,5-Trimethylbenzene
Concen: 17.840 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Tgt Ion: 105 Resp: 487345
Ion Ratio Lower Upper
105 100
120 49.3 0.0 94.4

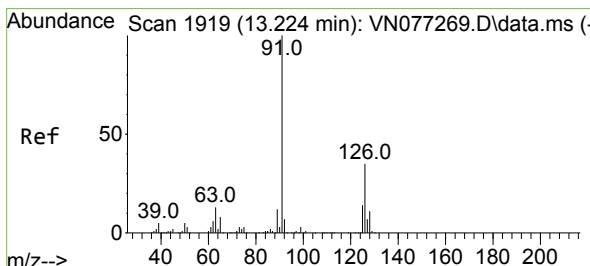
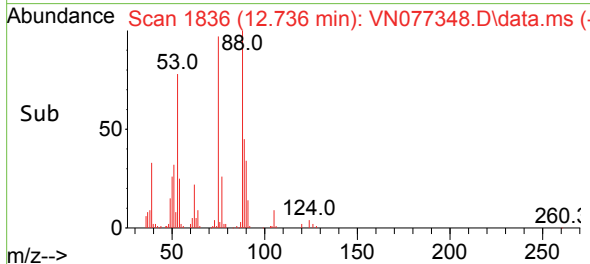
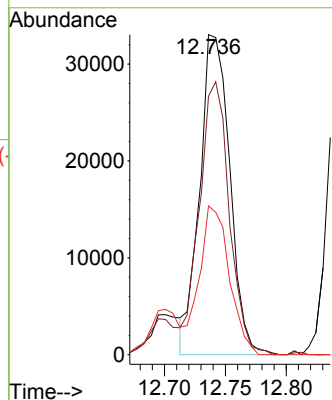
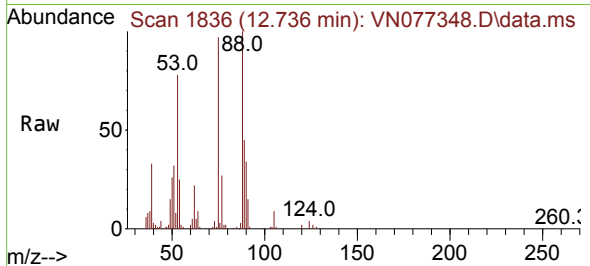




#77
t-1,4-Dichloro-2-butene
Concen: 15.989 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

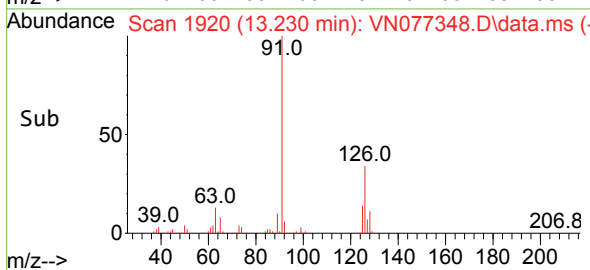
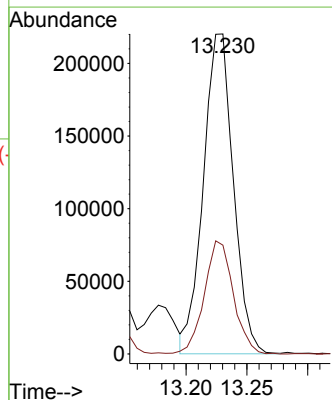
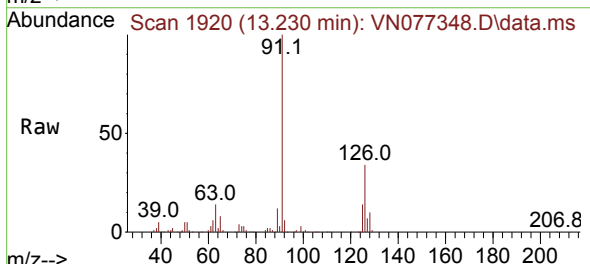
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

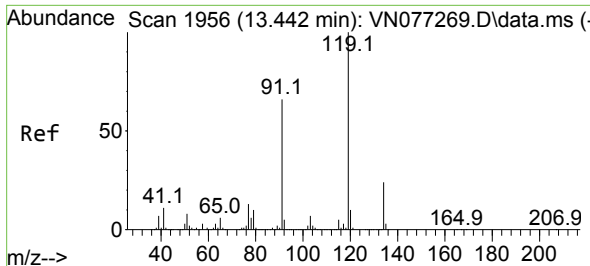
Tgt Ion: 75 Resp: 56899
Ion Ratio Lower Upper
75 100
53 80.8 38.8 116.4
89 46.5 23.2 69.6



#78
4-Chlorotoluene
Concen: 17.969 ug/l
RT: 13.230 min Scan# 1920
Delta R.T. 0.006 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Tgt Ion: 91 Resp: 377722
Ion Ratio Lower Upper
91 100
126 34.2 0.0 67.4

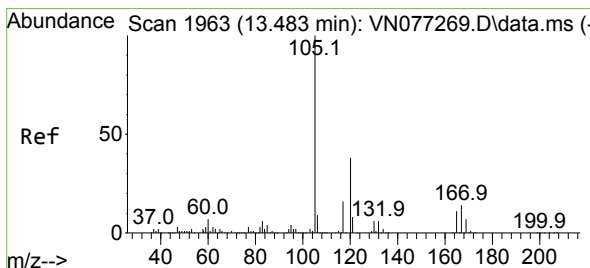
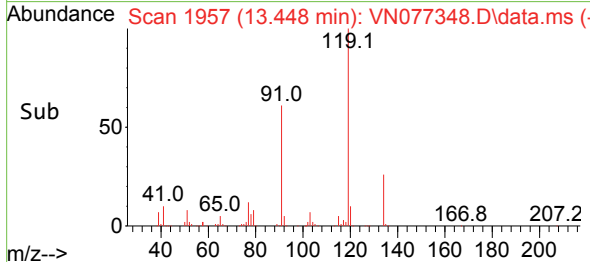
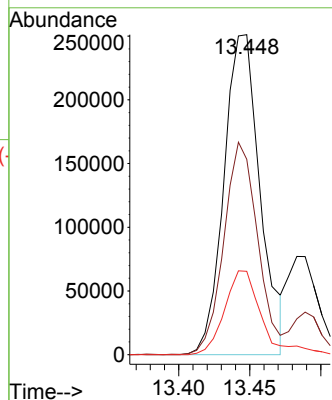
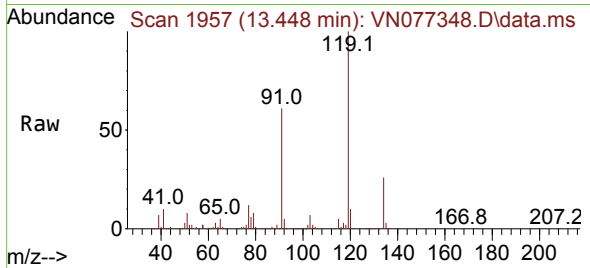




#79
tert-butylbenzene
Concen: 18.742 ug/l
RT: 13.448 min Scan# 1956
Delta R.T. 0.006 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

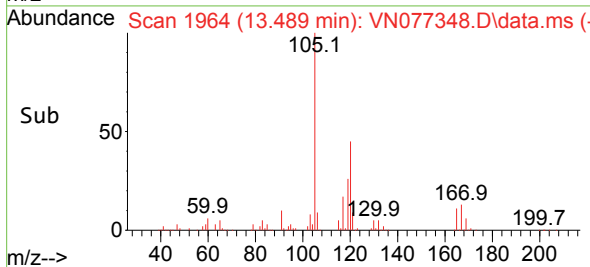
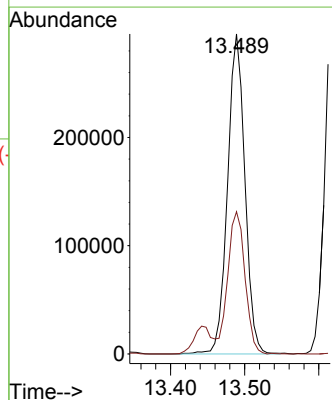
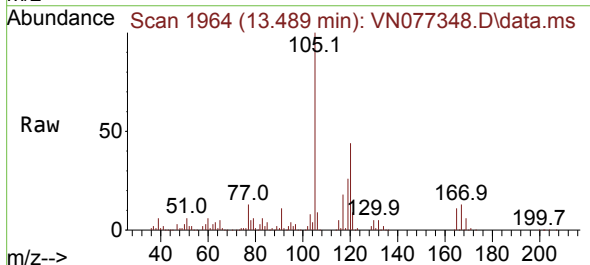
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

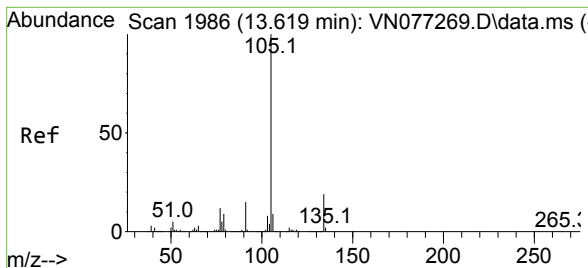
Tgt Ion:119 Resp: 445593
Ion Ratio Lower Upper
119 100
91 62.2 0.0 131.0
134 25.3 0.0 49.8



#80
1,2,4-Trimethylbenzene
Concen: 18.026 ug/l
RT: 13.489 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Tgt Ion:105 Resp: 480008
Ion Ratio Lower Upper
105 100
120 44.5 0.0 91.0





#81

sec-Butylbenzene

Concen: 18.334 ug/l

RT: 13.624 min Scan# 1986

Delta R.T. 0.005 min

Lab File: VN077348.D

Acq: 14 Apr 2023 16:22

Instrument :

MSVOA_N

ClientSampleId :

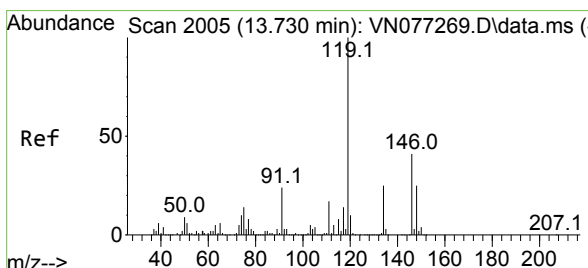
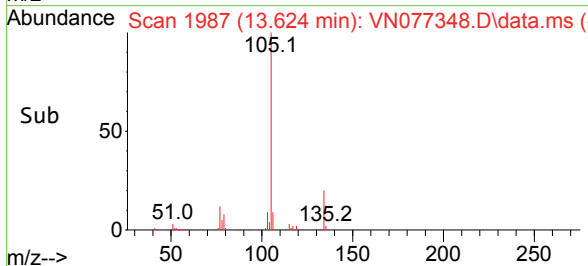
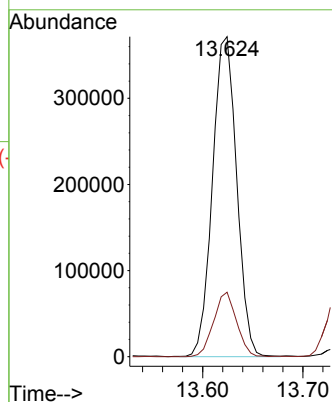
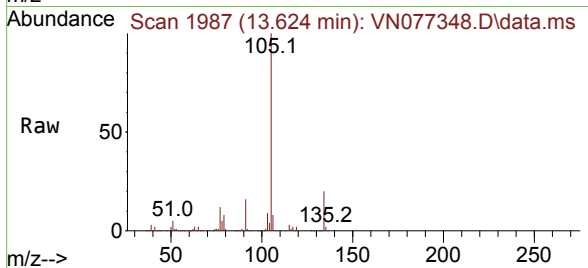
VSTDCCC020EC

Tgt Ion:105 Resp: 622511

Ion Ratio Lower Upper

105 100

134 19.1 0.0 38.6



#82

p-Isopropyltoluene

Concen: 18.527 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. 0.006 min

Lab File: VN077348.D

Acq: 14 Apr 2023 16:22

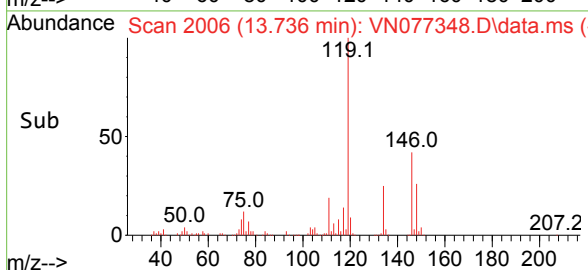
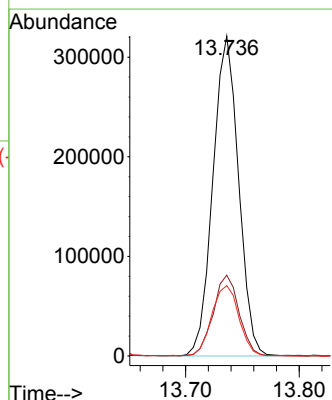
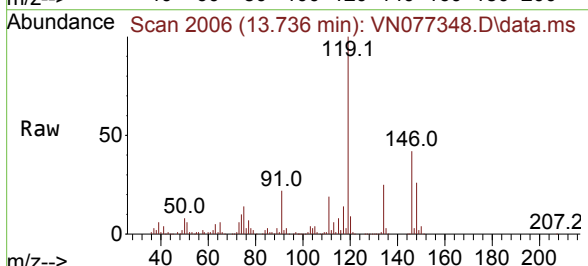
Tgt Ion:119 Resp: 503996

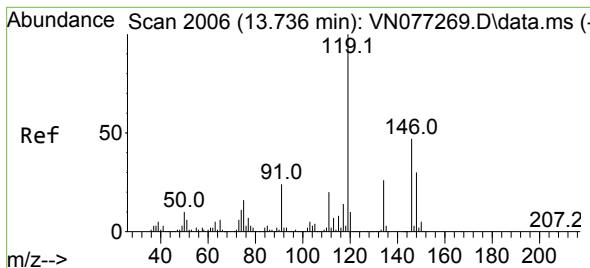
Ion Ratio Lower Upper

119 100

134 25.5 0.0 51.0

91 23.2 0.0 48.0





#83

1,3-Dichlorobenzene

Concen: 18.001 ug/l

RT: 13.742 min Scan# 2006

Delta R.T. 0.006 min

Lab File: VN077348.D

Acq: 14 Apr 2023 16:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

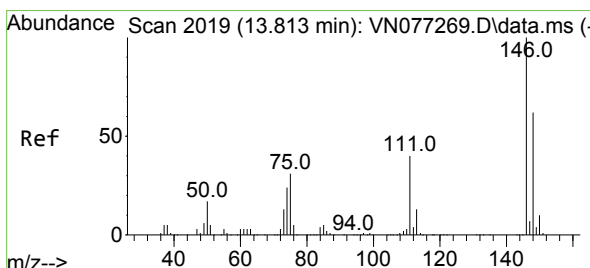
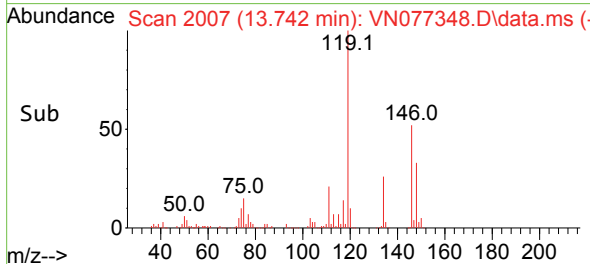
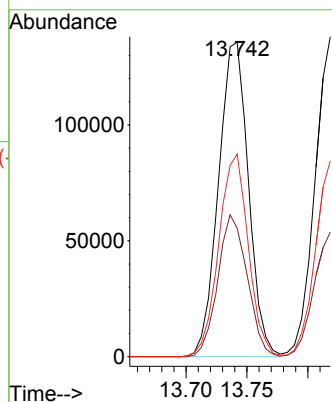
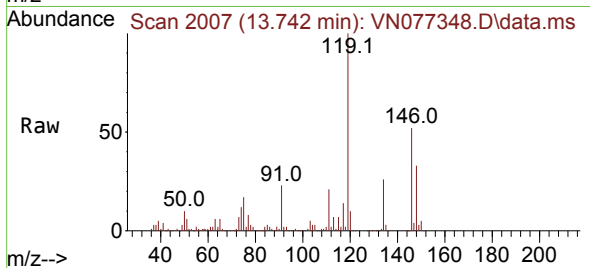
Tgt Ion:146 Resp: 232742

Ion Ratio Lower Upper

146 100

111 44.2 21.4 64.2

148 63.8 31.9 95.5



#84

1,4-Dichlorobenzene

Concen: 17.884 ug/l

RT: 13.818 min Scan# 2020

Delta R.T. 0.005 min

Lab File: VN077348.D

Acq: 14 Apr 2023 16:22

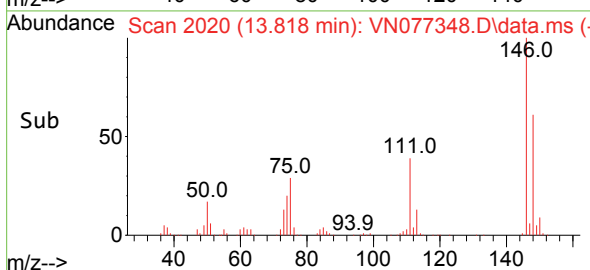
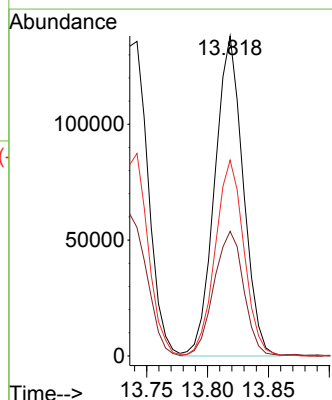
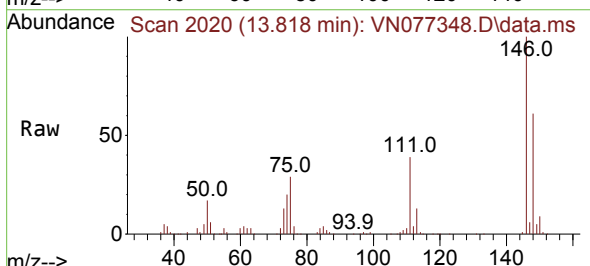
Tgt Ion:146 Resp: 224336

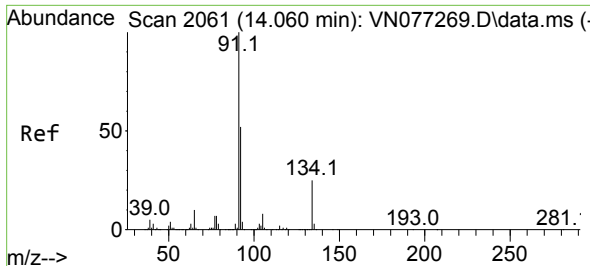
Ion Ratio Lower Upper

146 100

111 40.8 20.3 61.0

148 61.9 31.6 94.7

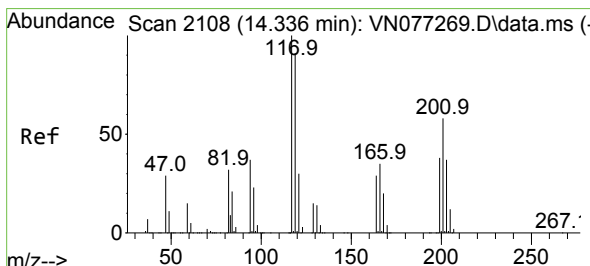
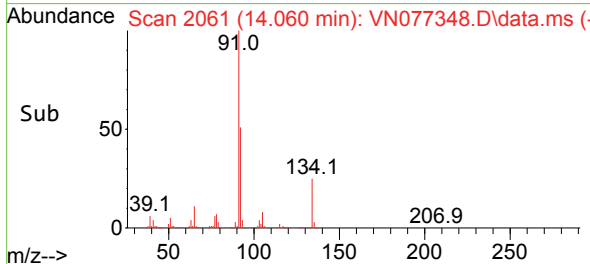
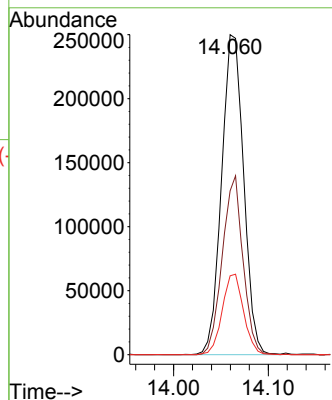
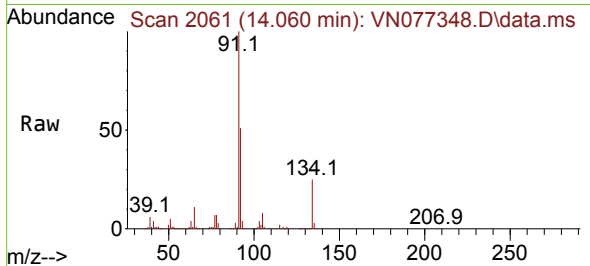




#85
n-Butylbenzene
Concen: 18.042 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

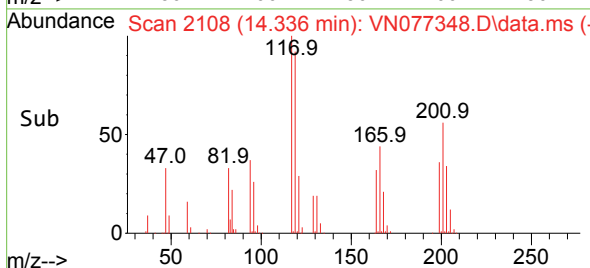
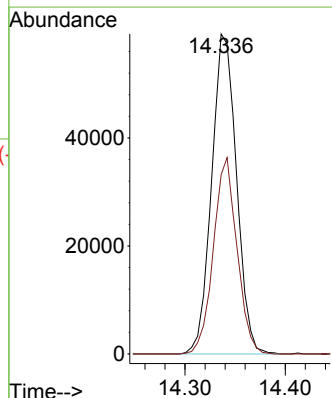
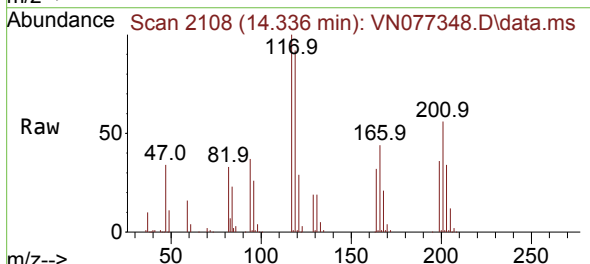
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

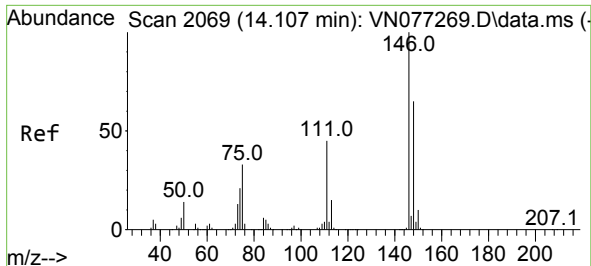
Tgt Ion: 91 Resp: 405557
Ion Ratio Lower Upper
91 100
92 52.4 0.0 105.6
134 24.3 0.0 49.4



#86
Hexachloroethane
Concen: 17.633 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Tgt Ion: 117 Resp: 102033
Ion Ratio Lower Upper
117 100
201 58.2 29.1 87.4

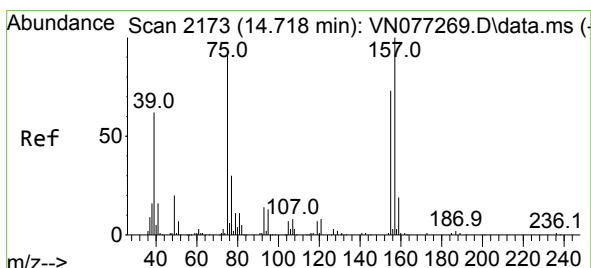
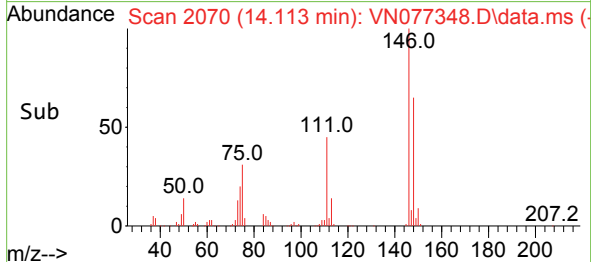
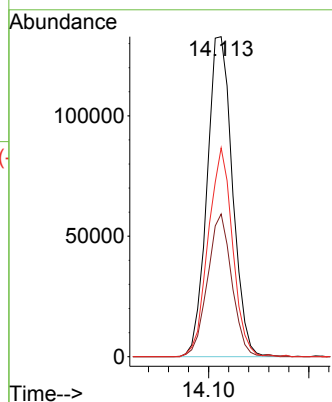
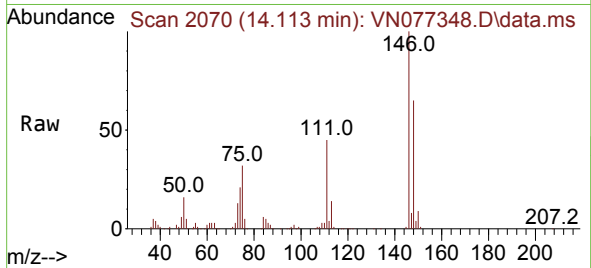




#87
1,2-Dichlorobenzene
Concen: 18.508 ug/l
RT: 14.113 min Scan# 2069
Delta R.T. 0.006 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

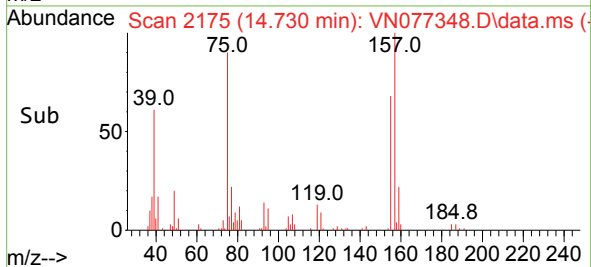
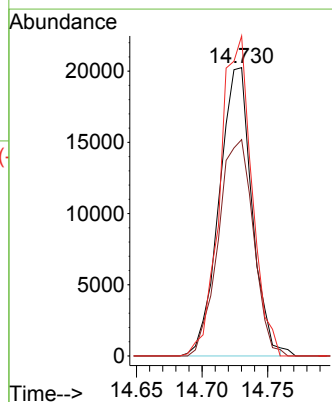
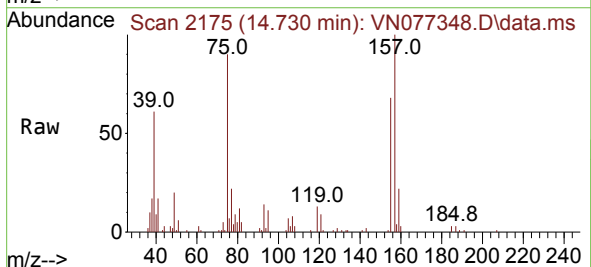
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

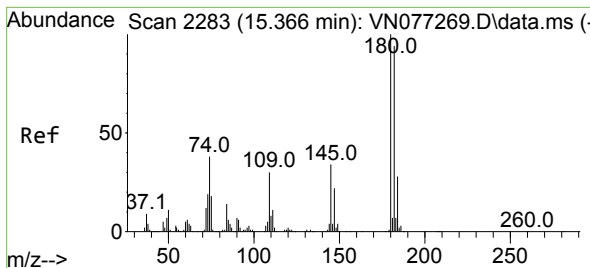
Tgt Ion:146 Resp: 234469
Ion Ratio Lower Upper
146 100
111 42.6 22.1 66.5
148 62.4 31.9 95.7



#88
1,2-Dibromo-3-Chloropropane
Concen: 17.819 ug/l
RT: 14.730 min Scan# 2175
Delta R.T. 0.012 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Tgt Ion: 75 Resp: 35096
Ion Ratio Lower Upper
75 100
155 80.4 67.8 101.6
157 107.7 86.3 129.5





#89

1,2,4-Trichlorobenzene

Concen: 16.117 ug/l

RT: 15.371 min Scan# 2283

Delta R.T. 0.005 min

Lab File: VN077348.D

Acq: 14 Apr 2023 16:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

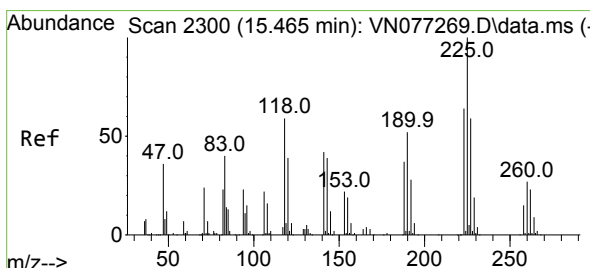
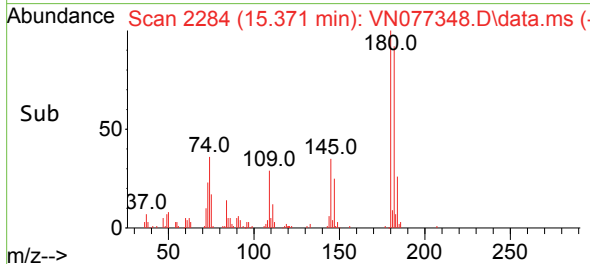
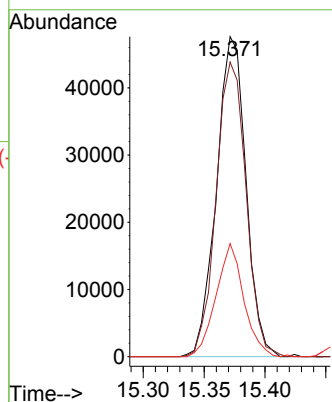
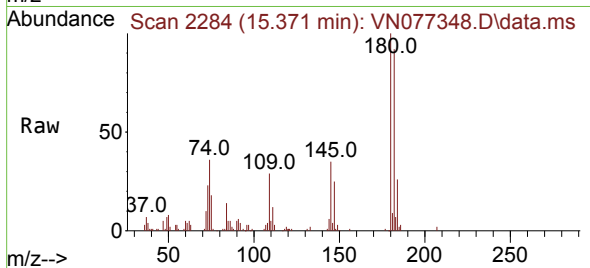
Tgt Ion:180 Resp: 80314

Ion Ratio Lower Upper

180 100

182 93.1 75.6 113.4

145 33.2 26.7 40.1



#90

Hexachlorobutadiene

Concen: 18.682 ug/l

RT: 15.471 min Scan# 2301

Delta R.T. 0.006 min

Lab File: VN077348.D

Acq: 14 Apr 2023 16:22

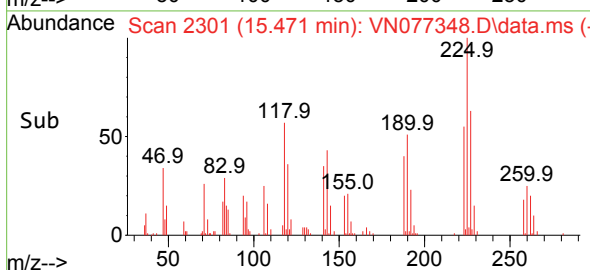
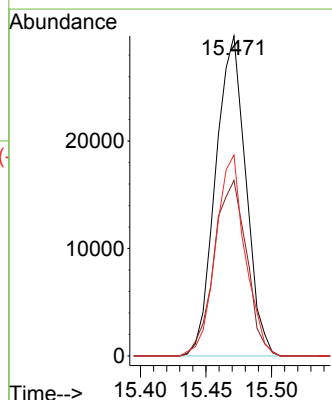
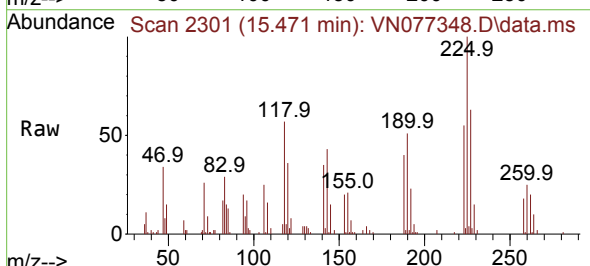
Tgt Ion:225 Resp: 47745

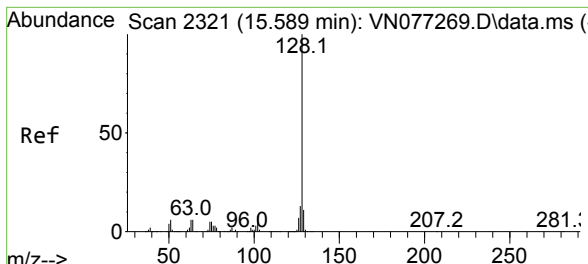
Ion Ratio Lower Upper

225 100

223 59.1 0.0 126.0

227 61.3 0.0 127.2

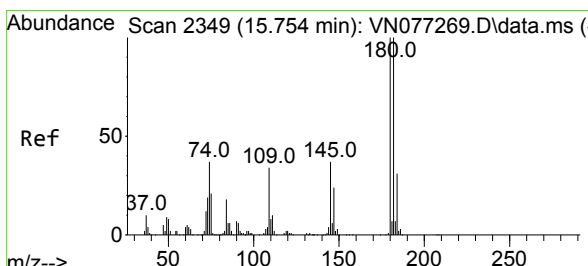
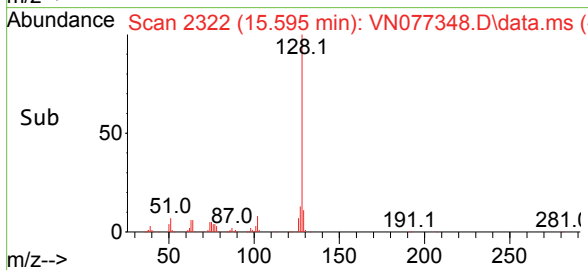
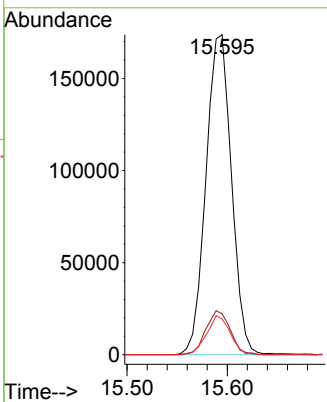
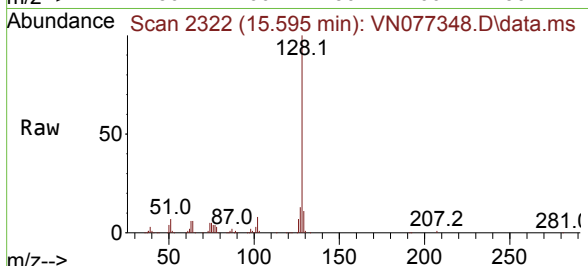




#91
Naphthalene
Concen: 16.144 ug/l
RT: 15.595 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:	128	Resp:	307341
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.2	15.2
129	11.1	8.9	13.3



#92
1,2,3-Trichlorobenzene
Concen: 16.106 ug/l
RT: 15.759 min Scan# 2350
Delta R.T. 0.005 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Tgt Ion:	180	Resp:	78313
Ion Ratio	Lower	Upper	
180	100		
182	93.3	0.0	190.4
145	36.3	0.0	72.4

