

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040723\
 Data File : VN077277.D
 Acq On : 07 Apr 2023 14:20
 Operator : JC\MD
 Sample : VN0407WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0407WBSD01

Quant Time: Apr 08 05:19:20 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	7.819	128	54109	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	381754	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	427516	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.584	65	135327	29.489	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.300%
60) 4-Bromofluorobenzene	12.854	95	216275	29.257	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	97.533%
63) Toluene-d8	10.572	98	444481	29.575	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.567%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	85595	16.640	ug/l	94
3) Chloromethane	2.372	50	119100	17.428	ug/l	99
4) Vinyl Chloride	2.525	62	163221	16.674	ug/l	97
5) Bromomethane	2.960	94	129748	17.590	ug/l	98
6) Chloroethane	3.125	64	110911	16.904	ug/l	91
7) Trichlorofluoromethane	3.502	101	151178	16.587	ug/l	99
8) Diethyl Ether	3.966	74	72705	18.715	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.378	101	99112	17.390	ug/l	85
10) 1,1-Dichloroethene	4.337	96	40775	7.151	ug/l	93
11) Methyl Iodide	4.601	142	114049	17.706	ug/l	99
12) Methyl Acetate	5.043	43	160155	18.854	ug/l	98
13) Acrolein	4.190	56	101553	96.313	ug/l	96
14) Acrylonitrile	5.725	53	268368	92.425	ug/l	91
15) Acetone	4.437	58	87707	83.261	ug/l	92
16) Carbon Disulfide	4.725	76	250284	16.631	ug/l #	93
17) Allyl chloride	5.037	41	124526	16.966	ug/l	98
18) Methylene Chloride	5.290	84	119191	18.002	ug/l	97
19) trans-1,2-Dichloroethene	5.796	96	106768	17.222	ug/l	99
20) Diisopropyl ether	6.678	45	311232	17.792	ug/l	95
21) 1,1-Dichloroethane	6.578	63	196016	17.679	ug/l	95
22) cis-1,2-Dichloroethene	7.495	96	135272	17.899	ug/l	99
23) tert-Butyl Alcohol	5.525	59	121674	94.240	ug/l #	100
24) Methyl tert-Butyl Ether	5.801	73	381539	18.588	ug/l #	84
25) Chloroform	7.972	83	214973	17.890	ug/l	100
26) Cyclohexane	8.260	56	160600	16.669	ug/l #	99
29) 1,1-Dichloropropene	8.378	75	150236	18.167	ug/l	99
30) 2-Butanone	7.490	43	363849	93.039	ug/l	99
31) 2,2-Dichloropropane	7.490	77	178996	17.632	ug/l	100
32) 1,1,1-Trichloroethane	8.172	97	183110	17.992	ug/l	100
33) Carbon Tetrachloride	8.366	117	155481	17.900	ug/l	92
34) Benzene	8.607	78	489376	19.125	ug/l	98
35) Methacrylonitrile	7.778	41	71325	19.361	ug/l	93
36) 1,2-Dichloroethane	8.672	62	164708	20.531	ug/l	99
37) Trichloroethene	9.354	130	115442	18.445	ug/l	92
38) Methylcyclohexane	9.601	83	206640	18.424	ug/l	98
39) 1,2-Dichloropropane	9.625	63	119577	18.825	ug/l	95
40) Dibromomethane	9.713	93	88120	19.254	ug/l	98
41) Bromodichloromethane	9.889	83	175415	19.221	ug/l	97
42) Vinyl Acetate	6.607	43	1140777	100.790	ug/l #	100

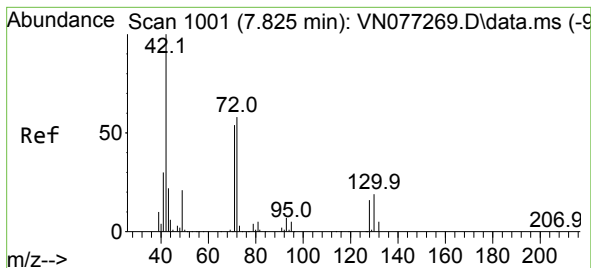
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.566	43	143715	19.863	ug/l	98
44) Isopropyl Acetate	8.695	43	260384	20.100	ug/l #	100
45) 1,4-Dioxane	9.701	88	56621	414.429	ug/l	95
46) Methyl methacrylate	9.684	41	113650	20.376	ug/l	100
47) n-amyl Acetate	12.495	43	225330	19.904	ug/l	98
48) t-1,3-Dichloropropene	10.836	75	196793	19.268	ug/l	95
49) cis-1,3-Dichloropropene	10.313	75	209128	19.247	ug/l	96
50) 1,1,2-Trichloroethane	11.019	97	133943	20.148	ug/l	98
51) Ethyl methacrylate	10.878	69	211034	20.671	ug/l	96
52) 1,3-Dichloropropane	11.166	76	223241	20.120	ug/l	100
53) Dibromochloromethane	11.360	129	136956	19.547	ug/l	99
54) 1,2-Dibromoethane	11.472	107	132347	19.831	ug/l	98
55) 2-Chloroethyl vinyl ether	10.160	63	282134	89.510	ug/l	98
56) Bromoform	12.583	173	92896	19.737	ug/l	100
58) 4-Methyl-2-Pentanone	10.448	43	793609	99.144	ug/l	100
59) 2-Hexanone	11.195	43	582930	94.215	ug/l	99
61) Tetrachloroethene	11.107	164	90250	17.749	ug/l	97
62) Toluene	10.631	91	549970	18.437	ug/l	100
64) Chlorobenzene	11.895	112	329804	18.199	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.966	131	128709	19.314	ug/l	98
66) Ethyl Benzene	11.966	91	613134	18.554	ug/l	97
67) m/p-Xylenes	12.072	106	481435	37.167	ug/l	98
68) o-Xylene	12.401	106	238988	18.442	ug/l	100
69) Styrene	12.413	104	391036	18.835	ug/l	99
70) Isopropylbenzene	12.701	105	592532	18.017	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.942	83	198123	19.672	ug/l	100
72) 1,2,3-Trichloropropane	12.995	75	235387	34.384	ug/l	39
73) Bromobenzene	12.983	156	127035	19.013	ug/l	97
74) n-propylbenzene	13.042	91	658818	18.106	ug/l	99
75) 2-Chlorotoluene	13.130	91	404803	18.570	ug/l	99
76) 1,3,5-Trimethylbenzene	13.177	105	490052	18.308	ug/l	99
77) t-1,4-Dichloro-2-butene	12.736	75	63376	18.175	ug/l	96
78) 4-Chlorotoluene	13.224	91	385649	18.724	ug/l	99
79) tert-butylbenzene	13.442	119	424206	18.210	ug/l	98
80) 1,2,4-Trimethylbenzene	13.483	105	483810	18.542	ug/l	98
81) sec-Butylbenzene	13.619	105	603602	18.143	ug/l	99
82) p-Isopropyltoluene	13.730	119	486547	18.254	ug/l	99
83) 1,3-Dichlorobenzene	13.736	146	232127	18.323	ug/l	99
84) 1,4-Dichlorobenzene	13.813	146	223983	18.223	ug/l	100
85) n-Butylbenzene	14.060	91	390977	17.751	ug/l	99
86) Hexachloroethane	14.336	117	99830	17.607	ug/l	99
87) 1,2-Dichlorobenzene	14.107	146	231597	18.657	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.724	75	35916	18.610	ug/l	94
89) 1,2,4-Trichlorobenzene	15.371	180	83832	17.169	ug/l	99
90) Hexachlorobutadiene	15.465	225	47137	18.823	ug/l	97
91) Naphthalene	15.589	128	328781	17.626	ug/l	99
92) 1,2,3-Trichlorobenzene	15.760	180	79097	16.602	ug/l	98

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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.819 min Scan# 10

Delta R.T. -0.006 min

Lab File: VN077277.D

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MSVOA_N

ClientSampleId :

VN0407WBSD01

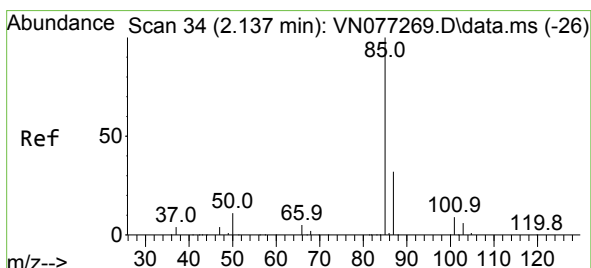
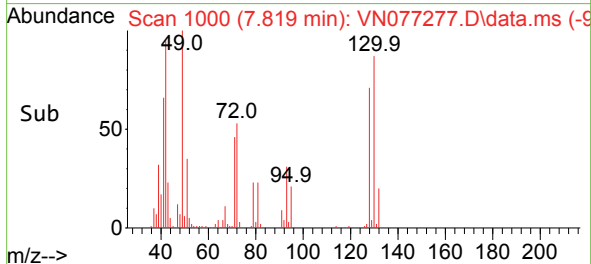
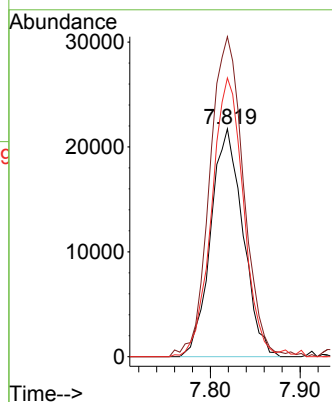
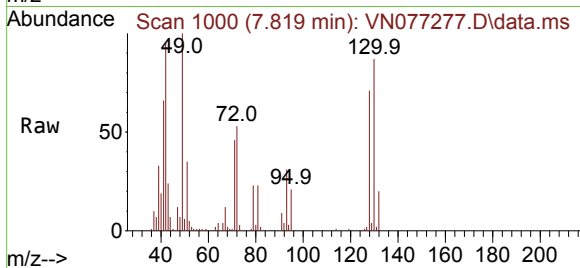
Tgt Ion:128 Resp: 54109

Ion Ratio Lower Upper

128 100

49 147.4 0.0 379.5

130 120.5 0.0 322.8



#2

Dichlorodifluoromethane

Concen: 16.640 ug/l

RT: 2.137 min Scan# 34

Delta R.T. -0.000 min

Lab File: VN077277.D

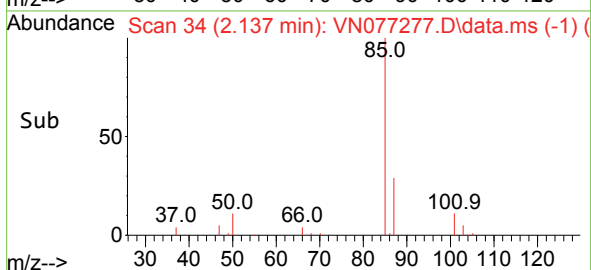
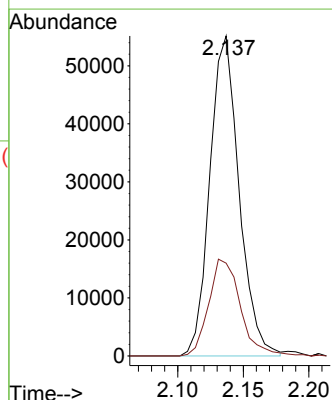
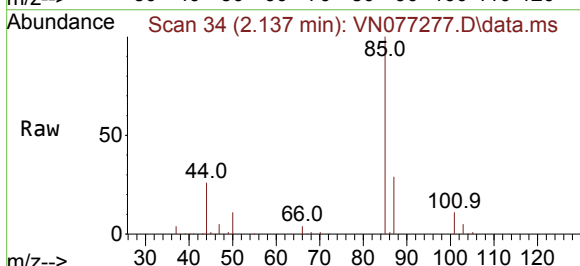
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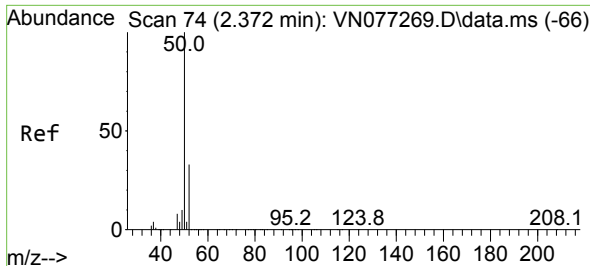
Tgt Ion: 85 Resp: 85595

Ion Ratio Lower Upper

85 100

87 29.0 16.2 48.6

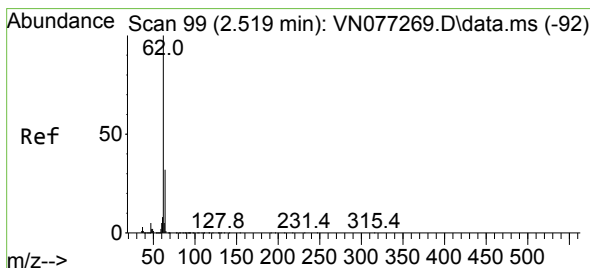
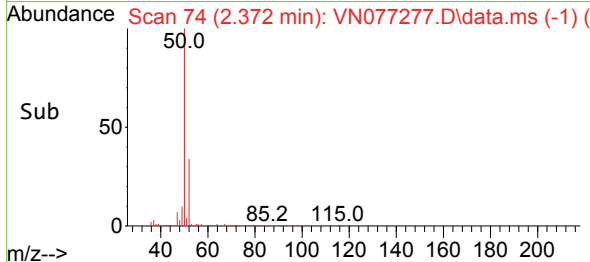
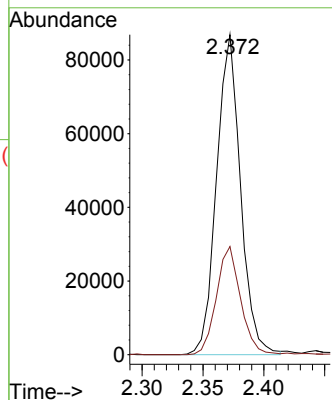
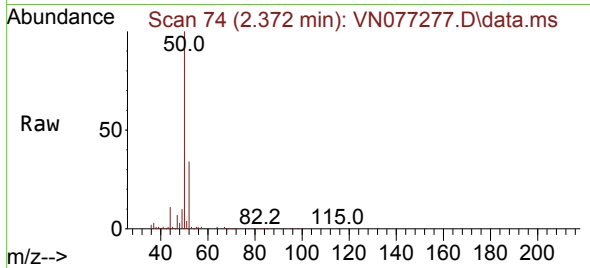




#3
Chloromethane
Concen: 17.428 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.000 min
Lab File: VN077277.D
Acq: 07 Apr 2023 14:20

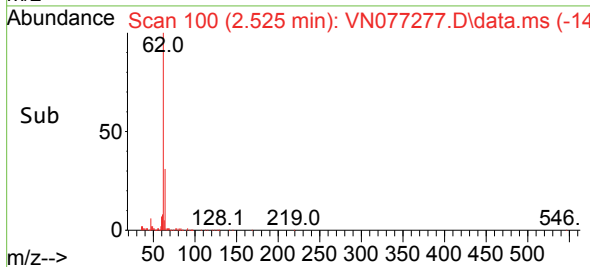
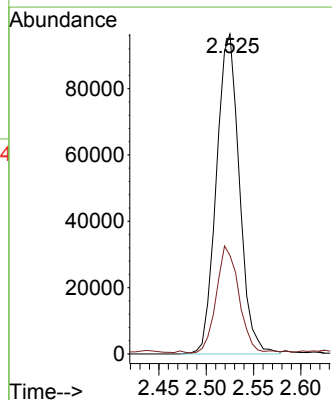
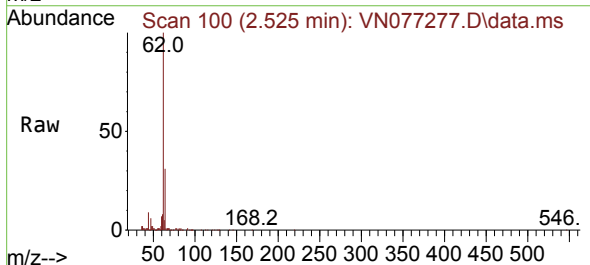
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBSD01

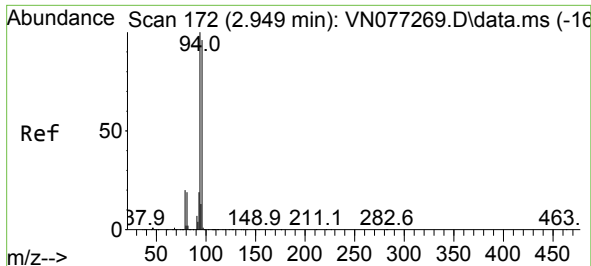
Tgt Ion: 50 Resp: 119100
Ion Ratio Lower Upper
50 100
52 33.8 26.4 39.6



#4
Vinyl Chloride
Concen: 16.674 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.006 min
Lab File: VN077277.D
Acq: 07 Apr 2023 14:20

Tgt Ion: 62 Resp: 163221
Ion Ratio Lower Upper
62 100
64 30.1 25.4 38.0

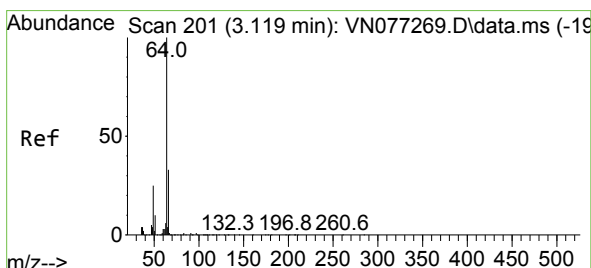
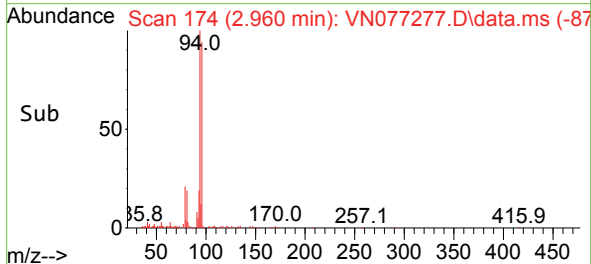
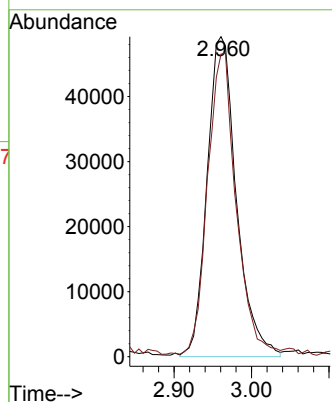
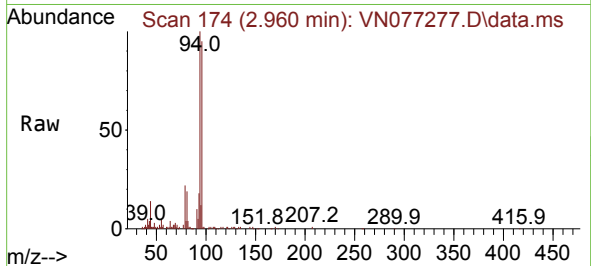




#5
Bromomethane
Concen: 17.590 ug/l
RT: 2.960 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN077277.D
Acq: 07 Apr 2023 14:20

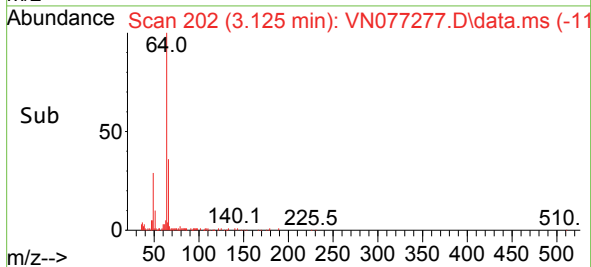
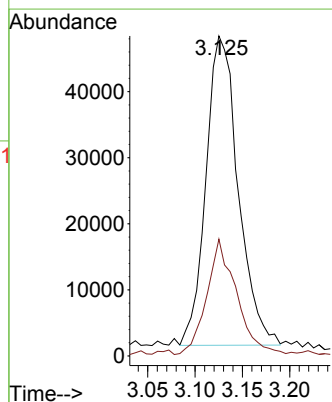
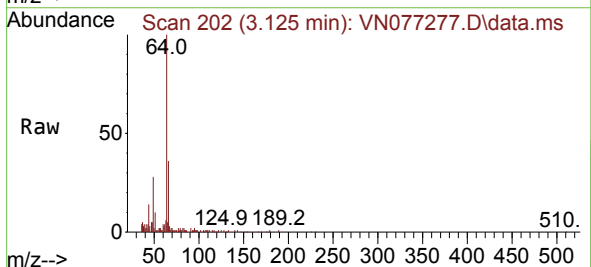
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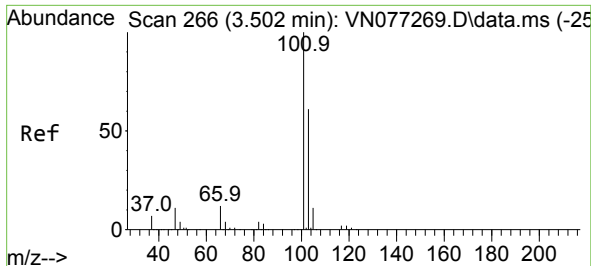
Tgt Ion: 94 Resp: 129748
Ion Ratio Lower Upper
94 100
96 94.2 77.0 115.6



#6
Chloroethane
Concen: 16.904 ug/l
RT: 3.125 min Scan# 202
Delta R.T. 0.006 min
Lab File: VN077277.D
Acq: 07 Apr 2023 14:20

Tgt Ion: 64 Resp: 110911
Ion Ratio Lower Upper
64 100
66 37.0 25.7 38.5

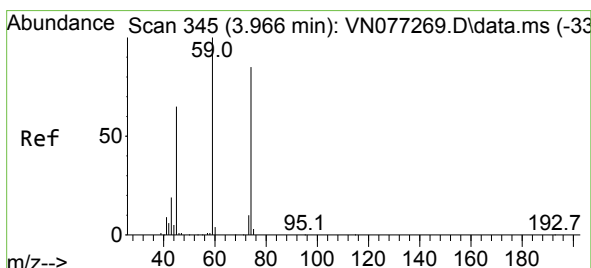
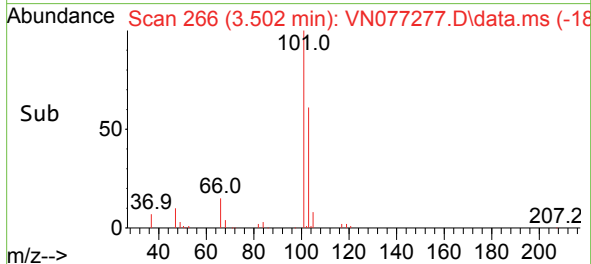
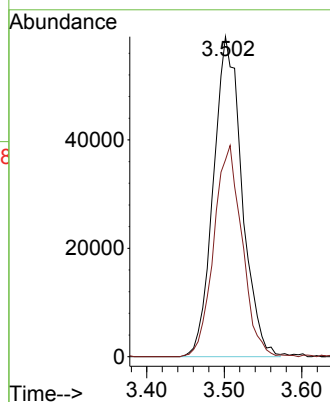
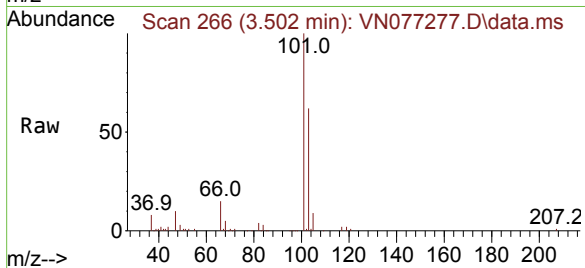




#7
 Trichlorofluoromethane
 Concen: 16.587 ug/l
 RT: 3.502 min Scan# 266
 Delta R.T. -0.000 min
 Lab File: VN077277.D
 Acq: 07 Apr 2023 14:20

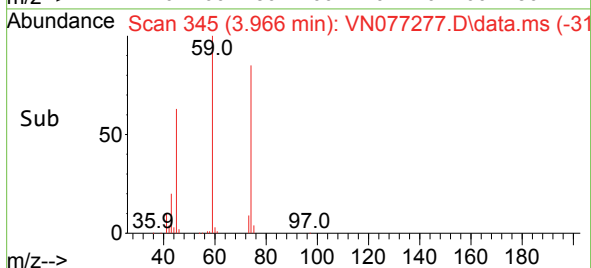
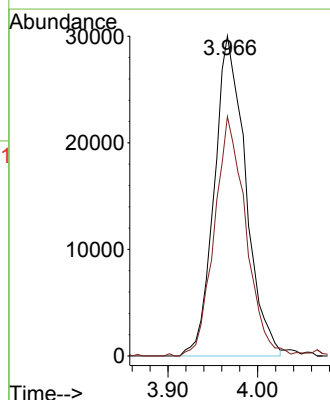
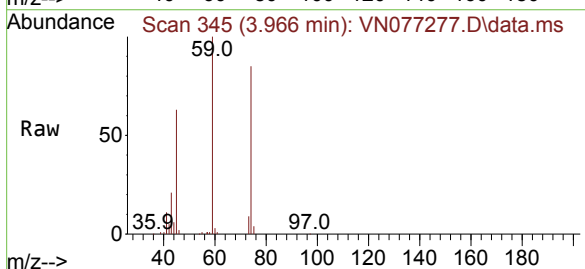
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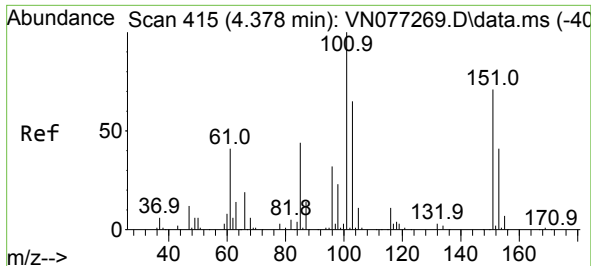
Tgt Ion:101 Resp: 151178
 Ion Ratio Lower Upper
 101 100
 103 61.5 48.9 73.3



#8
 Diethyl Ether
 Concen: 18.715 ug/l
 RT: 3.966 min Scan# 345
 Delta R.T. -0.000 min
 Lab File: VN077277.D
 Acq: 07 Apr 2023 14:20

Tgt Ion: 74 Resp: 72705
 Ion Ratio Lower Upper
 74 100
 45 75.0 14.8 133.6

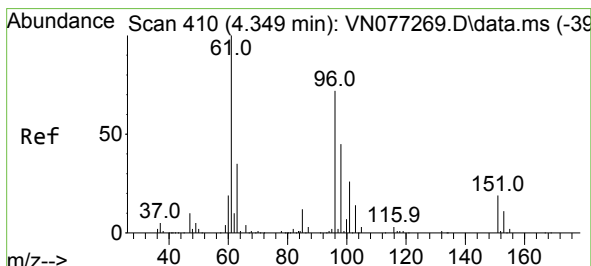
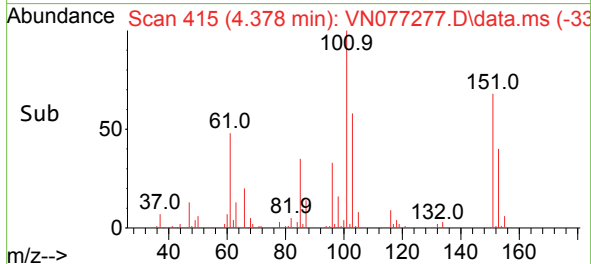
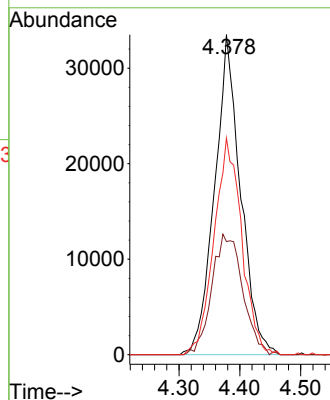
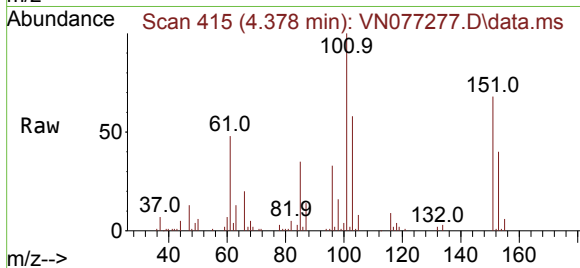




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.390 ug/l
RT: 4.378 min Scan# 415
Delta R.T. -0.000 min
Lab File: VN077277.D
Acq: 07 Apr 2023 14:20

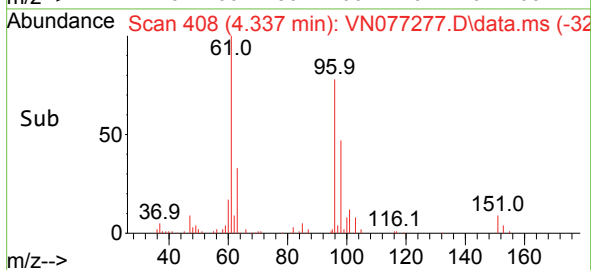
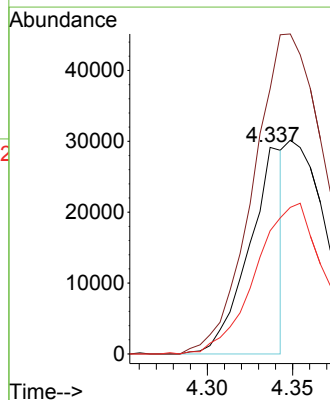
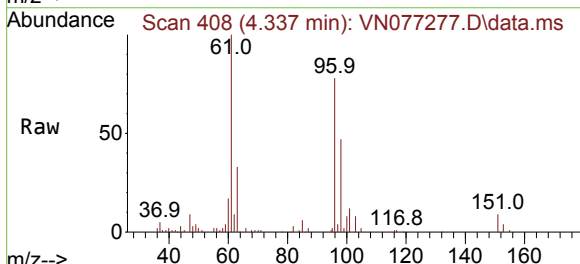
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MSVOA_N
ClientSampleId :
VN0407WBSD01

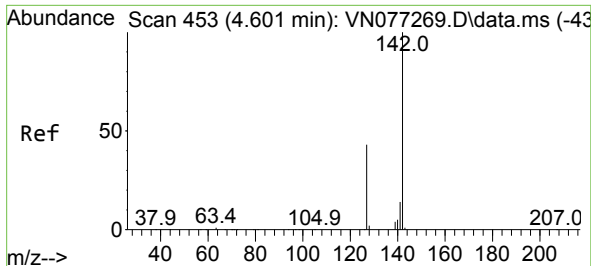
Tgt Ion:101 Resp: 99112
Ion Ratio Lower Upper
101 100
85 21.7 0.0 89.6
151 72.3 0.0 141.6



#10
1,1-Dichloroethene
Concen: 7.151 ug/l
RT: 4.337 min Scan# 408
Delta R.T. -0.012 min
Lab File: VN077277.D
Acq: 07 Apr 2023 14:20

Tgt Ion: 96 Resp: 40775
Ion Ratio Lower Upper
96 100
61 128.3 110.7 166.1
98 59.7 49.6 74.4

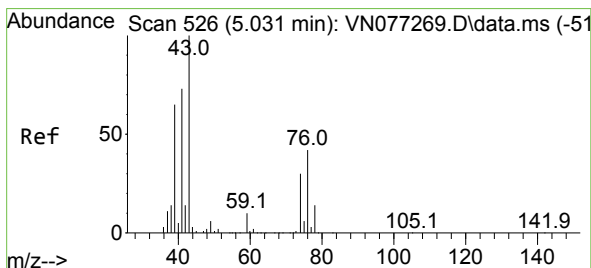
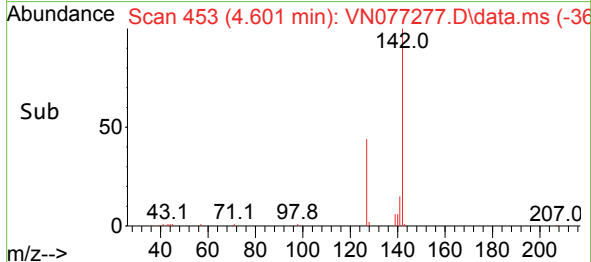
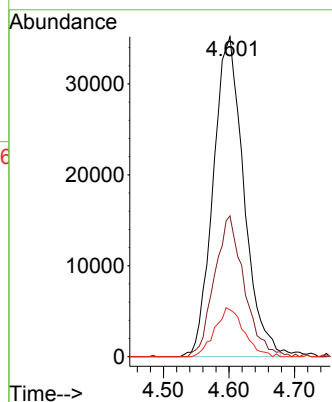
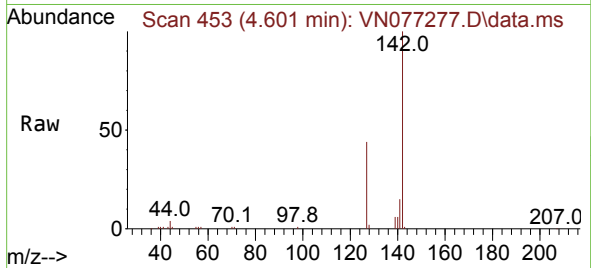




#11
Methyl Iodide
Concen: 17.706 ug/l
RT: 4.601 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN077277.D
Acq: 07 Apr 2023 14:20

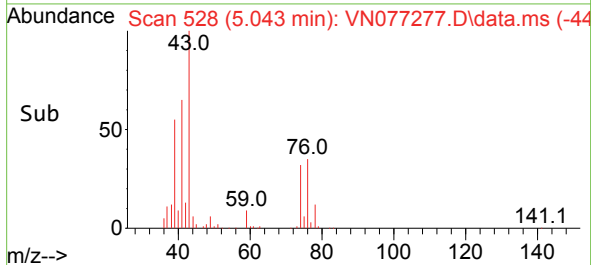
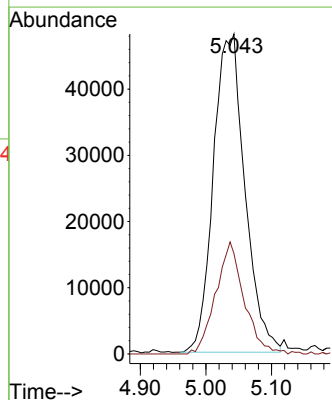
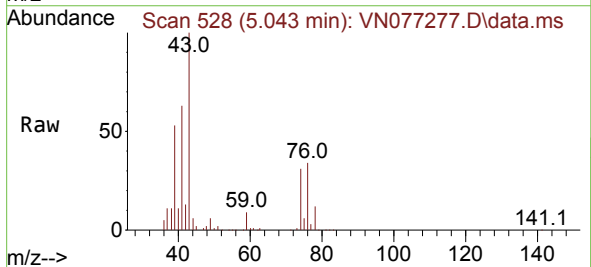
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBSD01

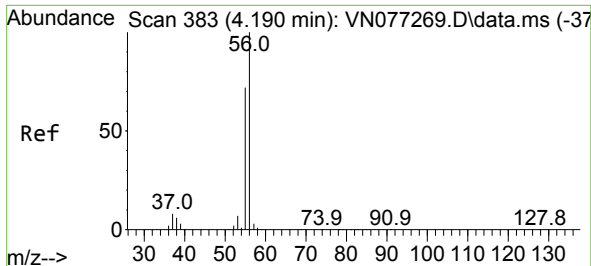
Tgt Ion:142 Resp: 114049
Ion Ratio Lower Upper
142 100
127 43.6 21.3 63.7
141 13.9 7.0 20.9



#12
Methyl Acetate
Concen: 18.854 ug/l
RT: 5.043 min Scan# 528
Delta R.T. 0.012 min
Lab File: VN077277.D
Acq: 07 Apr 2023 14:20

Tgt Ion: 43 Resp: 160155
Ion Ratio Lower Upper
43 100
74 31.3 24.2 36.2





#13

Acrolein

Concen: 96.313 ug/l

RT: 4.190 min Scan# 383

Delta R.T. -0.000 min

Lab File: VN077277.D

Acq: 07 Apr 2023 14:20

Instrument :

MSVOA_N

ClientSampleId :

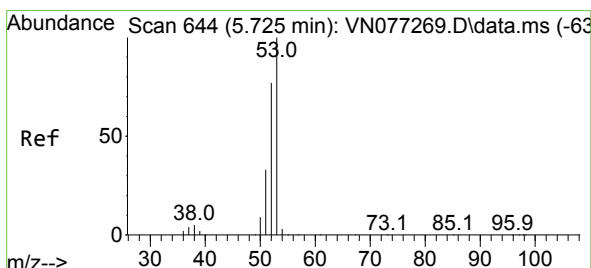
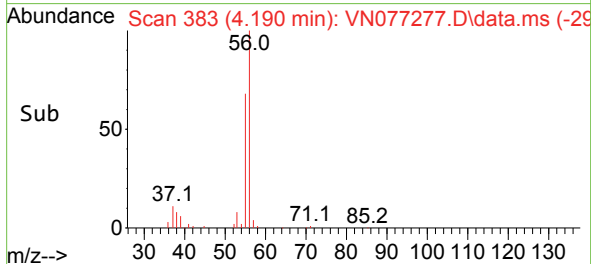
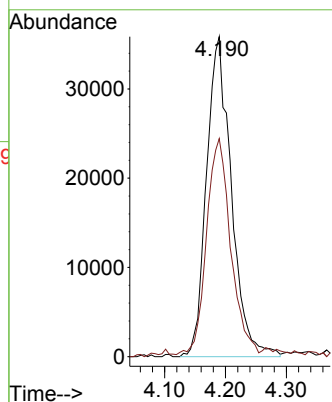
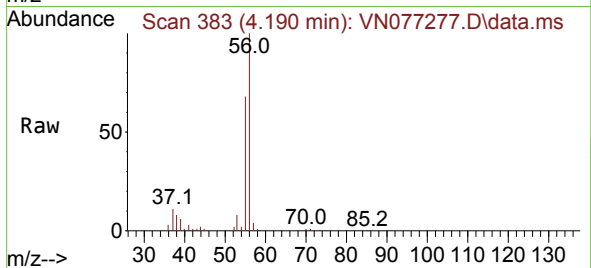
VN0407WBSD01

Tgt Ion: 56 Resp: 101553

Ion Ratio Lower Upper

56 100

55 65.7 55.2 82.8



#14

Acrylonitrile

Concen: 92.425 ug/l

RT: 5.725 min Scan# 644

Delta R.T. -0.000 min

Lab File: VN077277.D

Acq: 07 Apr 2023 14:20

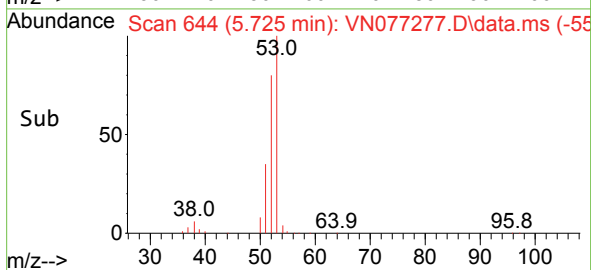
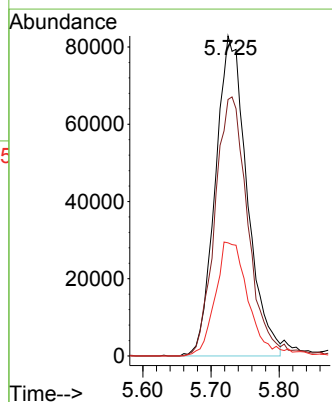
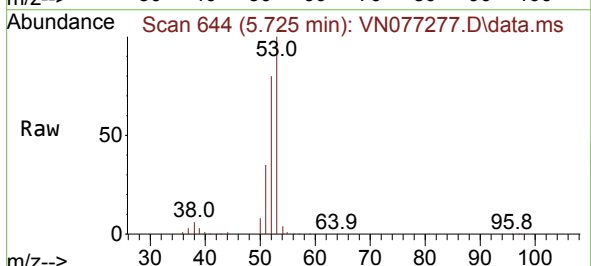
Tgt Ion: 53 Resp: 268368

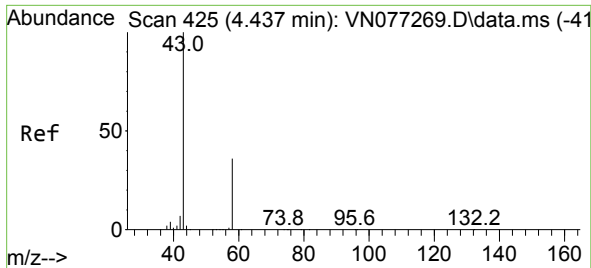
Ion Ratio Lower Upper

53 100

52 83.0 41.0 123.0

51 20.1 17.7 53.1

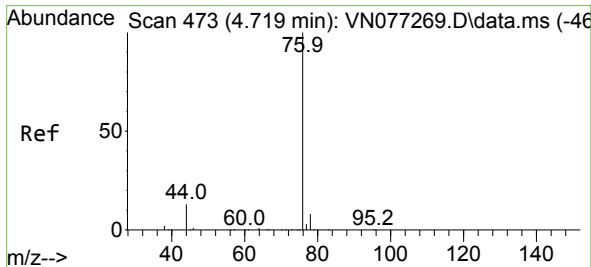
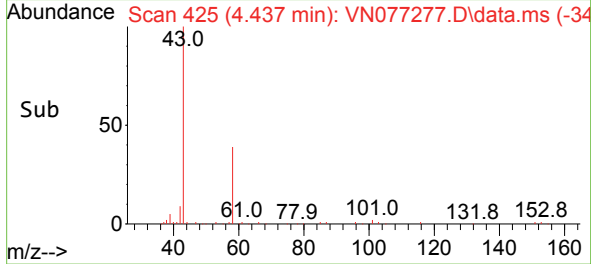
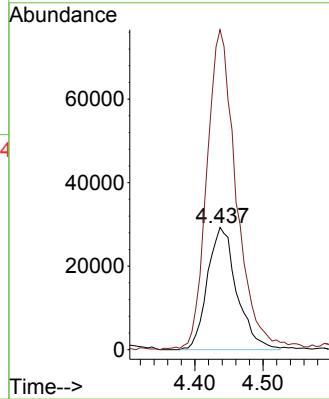
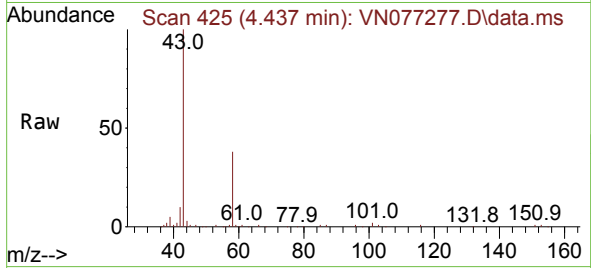




#15
Acetone
Concen: 83.261 ug/l
RT: 4.437 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN077277.D
Acq: 07 Apr 2023 14:20

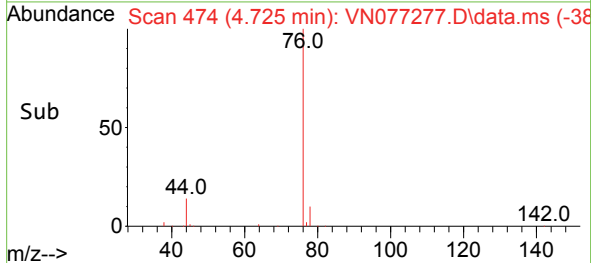
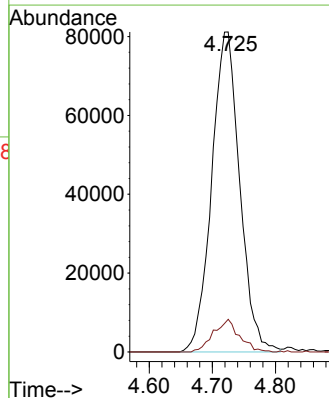
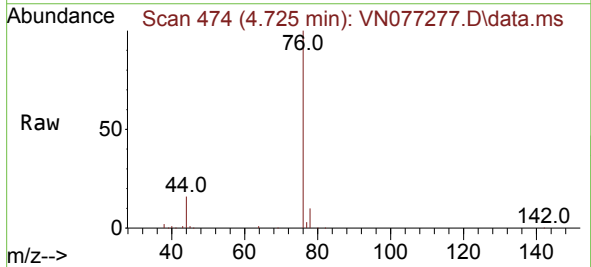
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBSD01

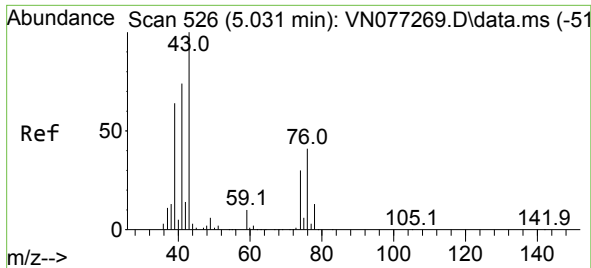
Tgt Ion: 58 Resp: 87707
Ion Ratio Lower Upper
58 100
43 260.8 220.9 331.3



#16
Carbon Disulfide
Concen: 16.631 ug/l
RT: 4.725 min Scan# 474
Delta R.T. 0.006 min
Lab File: VN077277.D
Acq: 07 Apr 2023 14:20

Tgt Ion: 76 Resp: 250284
Ion Ratio Lower Upper
76 100
78 10.2 6.3 9.5#

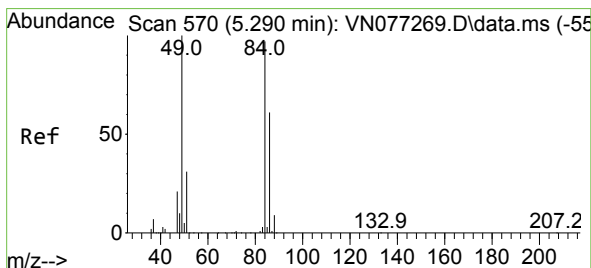
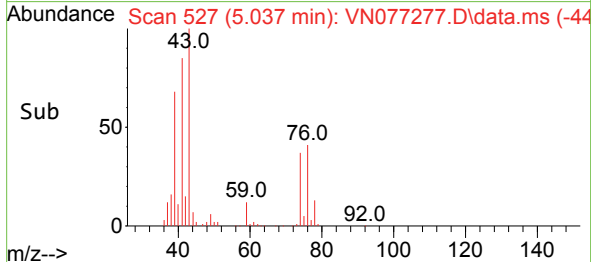
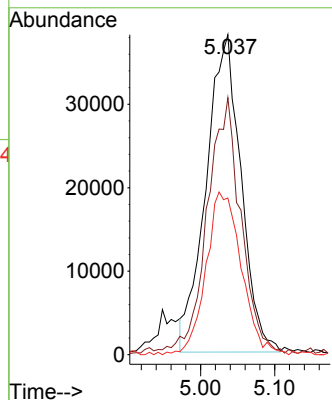
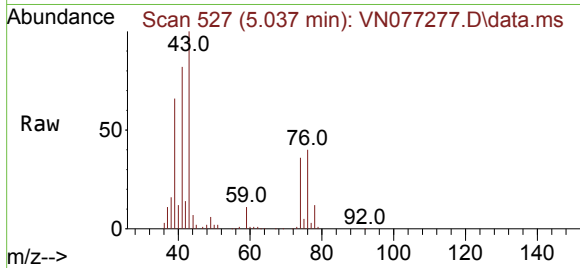




#17
 Allyl chloride
 Concen: 16.966 ug/l
 RT: 5.037 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN077277.D
 Acq: 07 Apr 2023 14:20

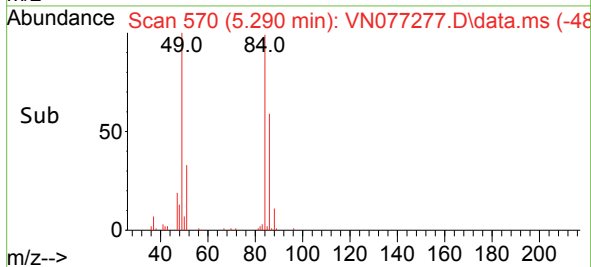
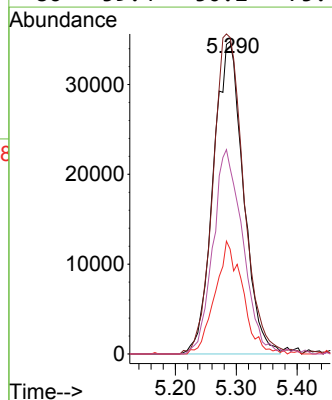
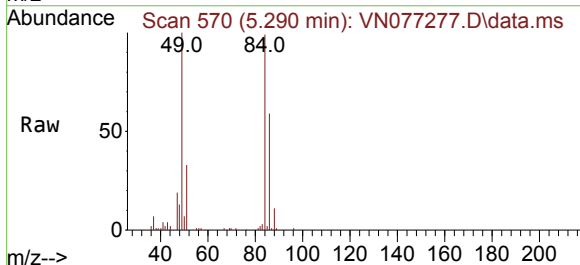
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0407WBSD01

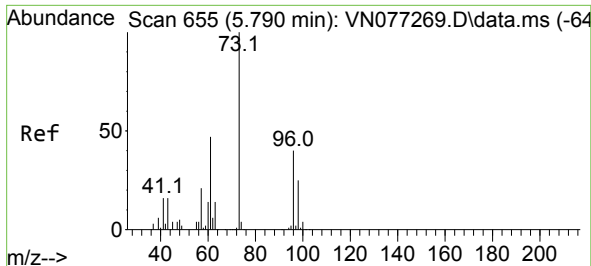
Tgt Ion: 41 Resp: 124526
 Ion Ratio Lower Upper
 41 100
 39 79.4 40.3 120.9
 76 48.6 25.3 75.8



#18
 Methylene Chloride
 Concen: 18.002 ug/l
 RT: 5.290 min Scan# 570
 Delta R.T. -0.000 min
 Lab File: VN077277.D
 Acq: 07 Apr 2023 14:20

Tgt Ion: 84 Resp: 119191
 Ion Ratio Lower Upper
 84 100
 49 101.2 82.7 124.1
 51 33.5 25.6 38.4
 86 59.4 50.2 75.4

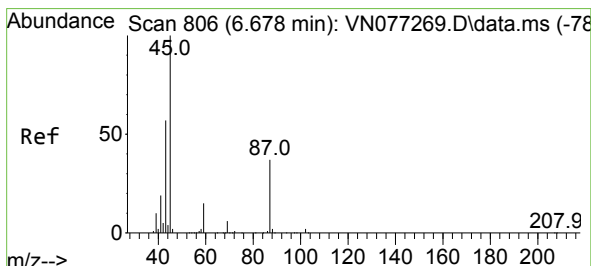
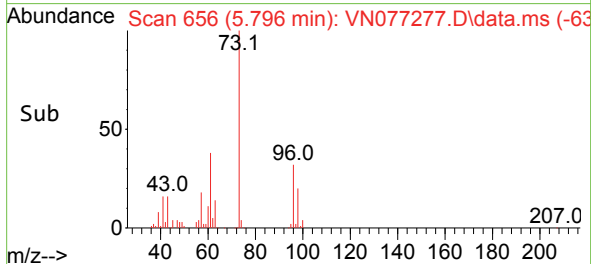
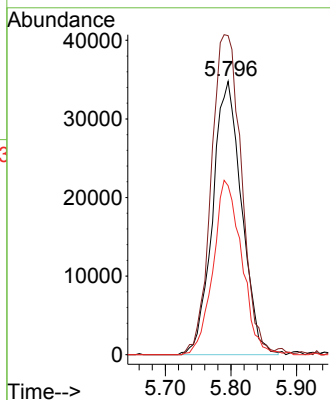
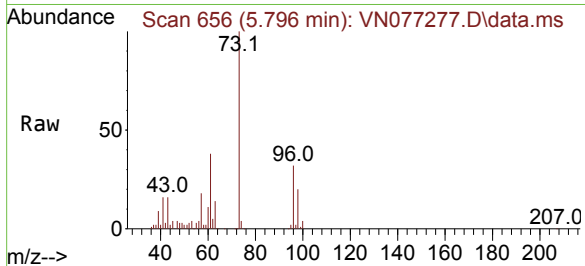




#19
trans-1,2-Dichloroethene
Concen: 17.222 ug/l
RT: 5.796 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077277.D
Acq: 07 Apr 2023 14:20

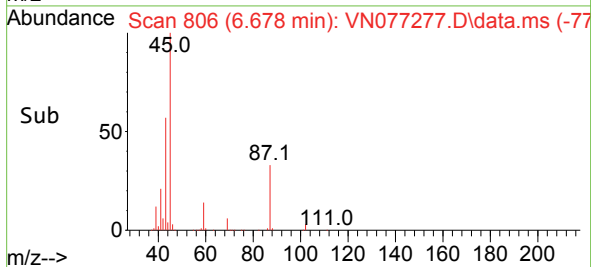
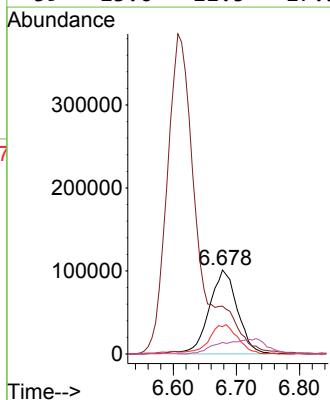
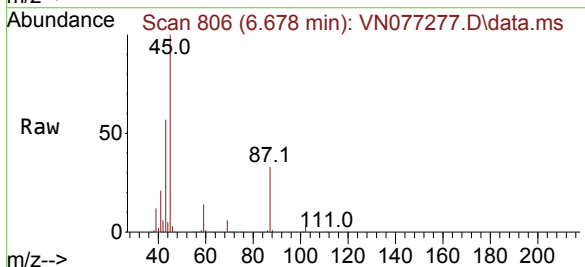
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBSD01

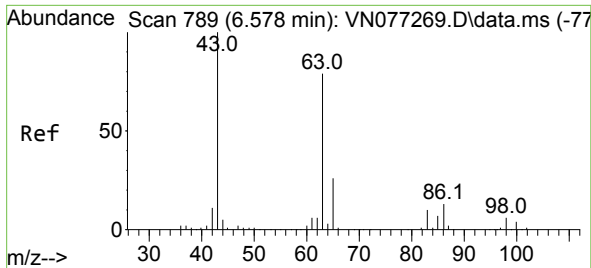
Tgt Ion: 96 Resp: 106768
Ion Ratio Lower Upper
96 100
61 116.7 94.5 141.7
98 61.8 49.8 74.8



#20
Diisopropyl ether
Concen: 17.792 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.000 min
Lab File: VN077277.D
Acq: 07 Apr 2023 14:20

Tgt Ion: 45 Resp: 311232
Ion Ratio Lower Upper
45 100
43 54.7 45.9 68.9
87 32.7 30.1 45.1
59 13.6 11.5 17.3





#21

1,1-Dichloroethane

Concen: 17.679 ug/l

RT: 6.578 min Scan# 789

Delta R.T. -0.000 min

Lab File: VN077277.D

Acq: 07 Apr 2023 14:20

Instrument :

MSVOA_N

ClientSampleId :

VN0407WBSD01

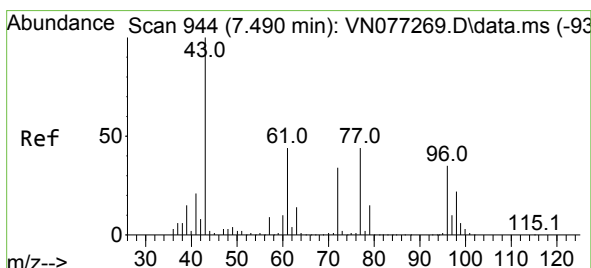
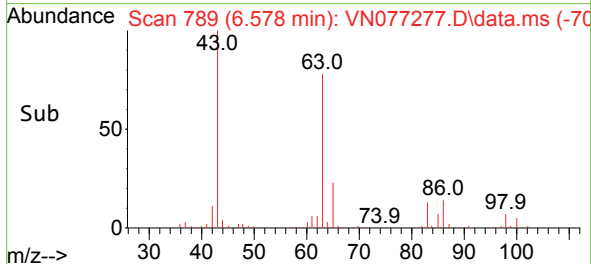
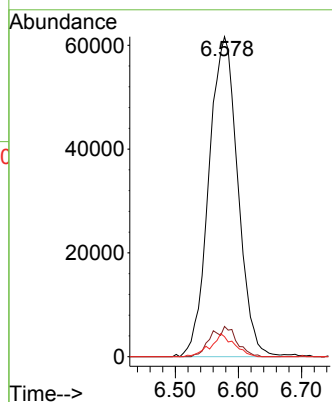
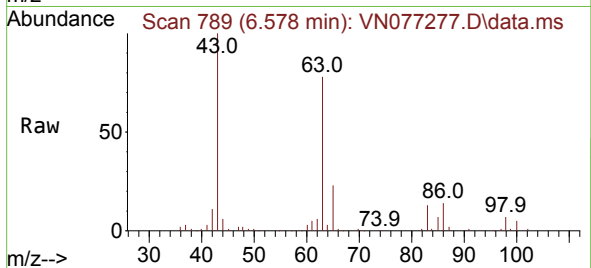
Tgt Ion: 63 Resp: 196016

Ion Ratio Lower Upper

63 100

98 9.4 3.9 11.7

100 6.2 2.3 6.8



#22

cis-1,2-Dichloroethene

Concen: 17.899 ug/l

RT: 7.495 min Scan# 945

Delta R.T. 0.006 min

Lab File: VN077277.D

Acq: 07 Apr 2023 14:20

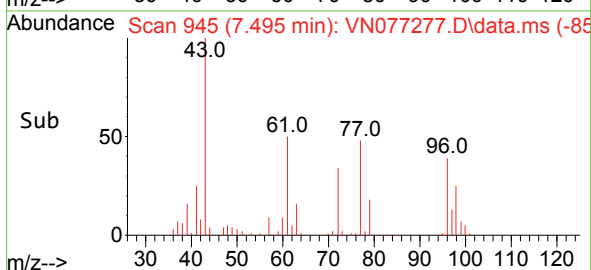
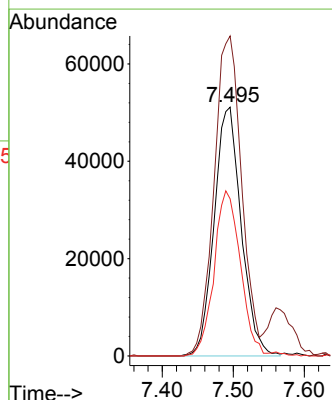
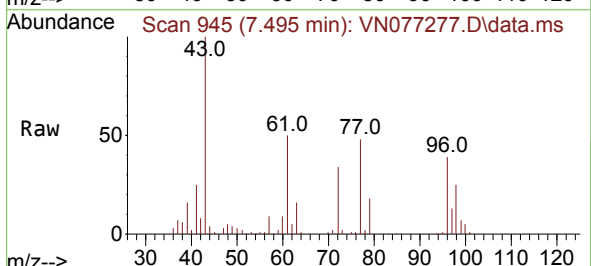
Tgt Ion: 96 Resp: 135272

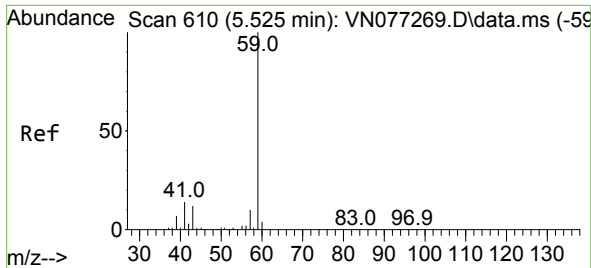
Ion Ratio Lower Upper

96 100

61 130.6 105.5 158.3

98 64.4 51.8 77.6

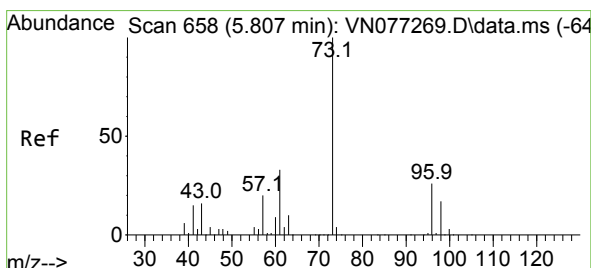
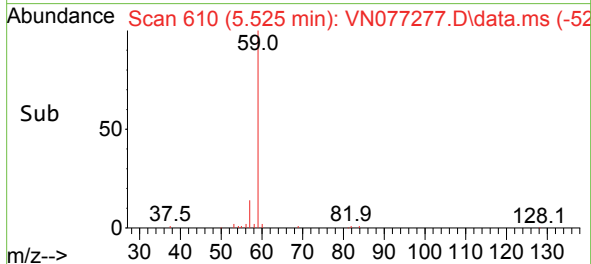
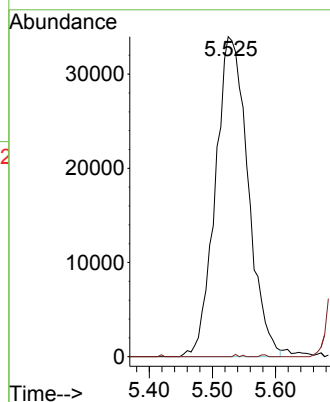
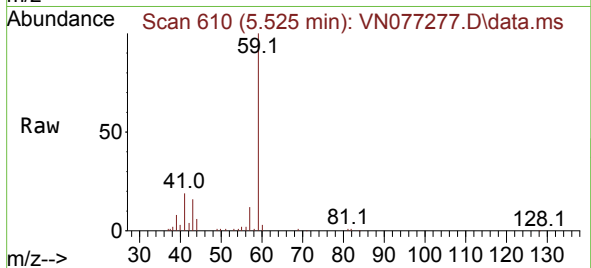




#23
tert-Butyl Alcohol
Concen: 94.240 ug/l
RT: 5.525 min Scan# 610
Delta R.T. -0.000 min
Lab File: VN077277.D
Acq: 07 Apr 2023 14:20

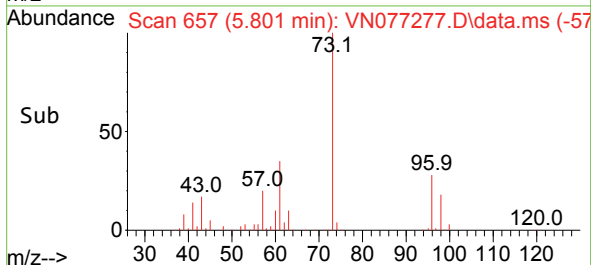
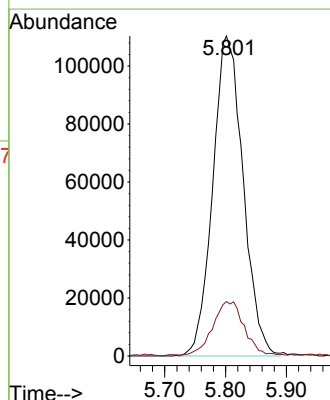
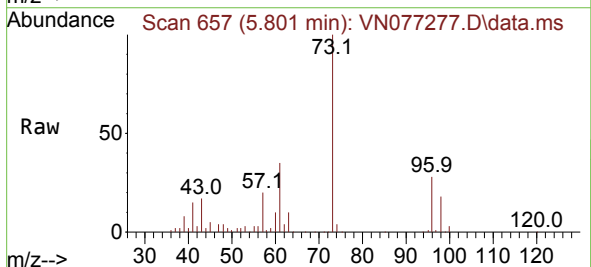
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBSD01

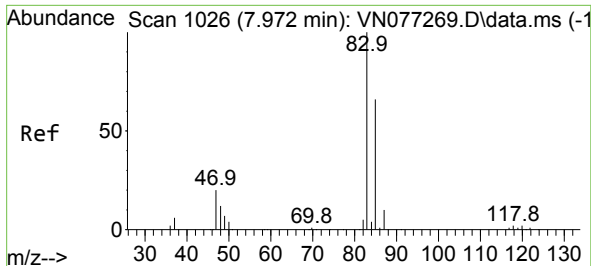
Tgt Ion: 59 Resp: 121674
Ion Ratio Lower Upper
59 100
52 0.1 0.1 0.1#



#24
Methyl tert-Butyl Ether
Concen: 18.588 ug/l
RT: 5.801 min Scan# 657
Delta R.T. -0.006 min
Lab File: VN077277.D
Acq: 07 Apr 2023 14:20

Tgt Ion: 73 Resp: 381539
Ion Ratio Lower Upper
73 100
43 10.0 13.5 20.3#





#25

Chloroform

Concen: 17.890 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077277.D

Acq: 07 Apr 2023 14:20

Instrument :

MSVOA_N

ClientSampleId :

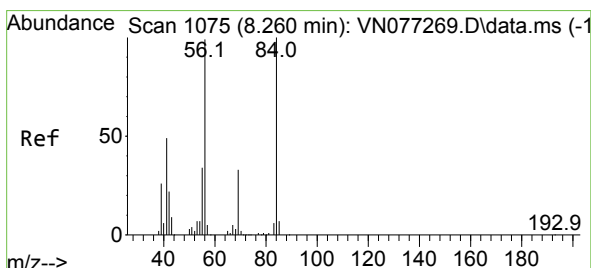
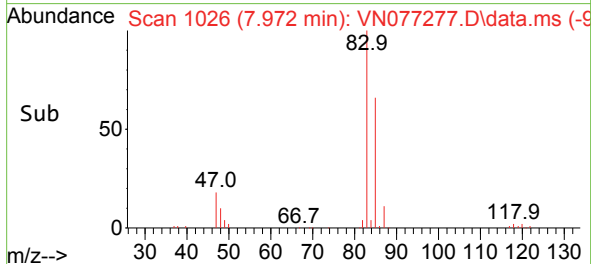
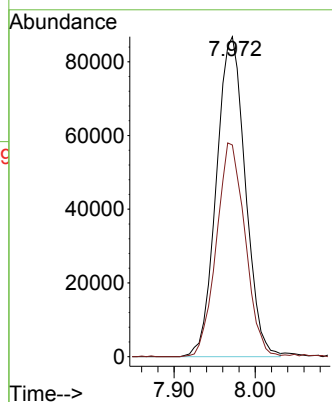
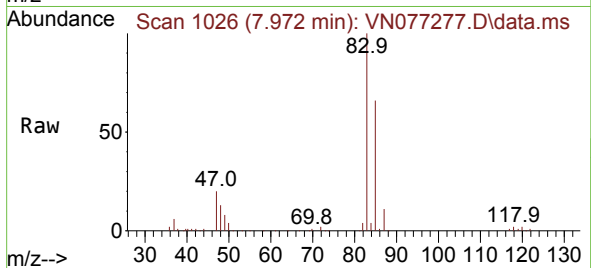
VN0407WBSD01

Tgt Ion: 83 Resp: 214973

Ion Ratio Lower Upper

83 100

85 66.2 52.9 79.3



#26

Cyclohexane

Concen: 16.669 ug/l

RT: 8.260 min Scan# 1075

Delta R.T. -0.000 min

Lab File: VN077277.D

Acq: 07 Apr 2023 14:20

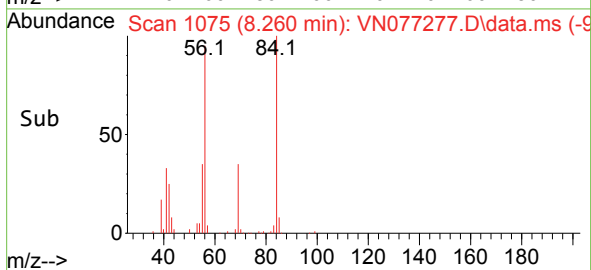
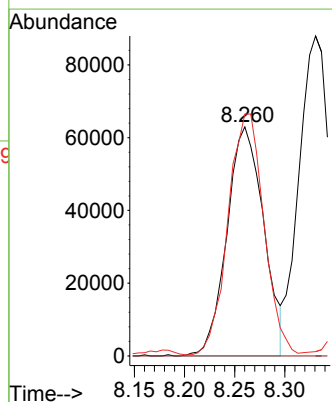
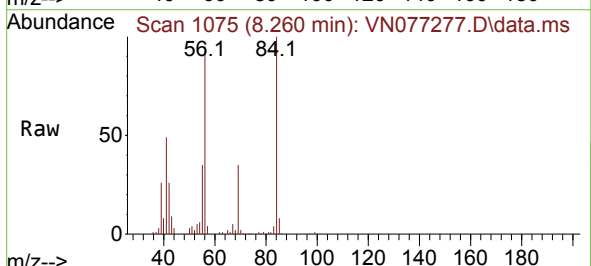
Tgt Ion: 56 Resp: 160600

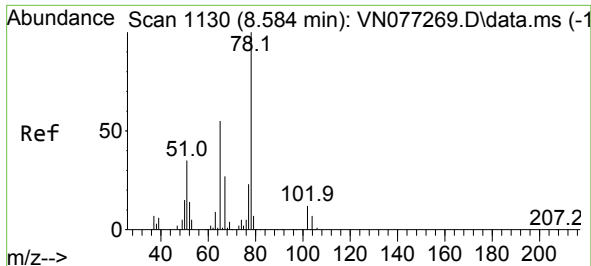
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 103.9 82.6 123.8





#27

1,2-Dichloroethane-d4

Concen: 29.489 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077277.D

Acq: 07 Apr 2023 14:20

Instrument :

MSVOA_N

ClientSampleId :

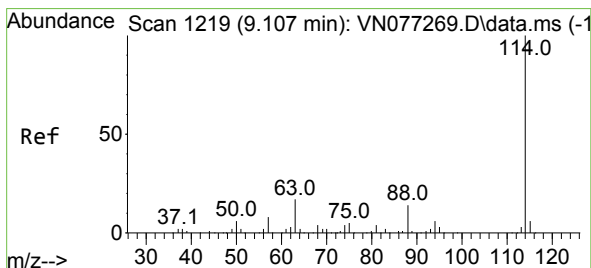
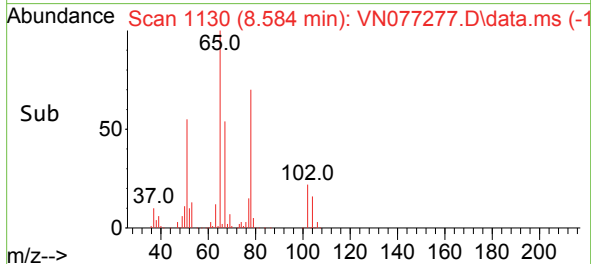
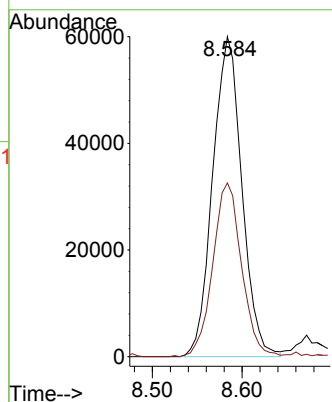
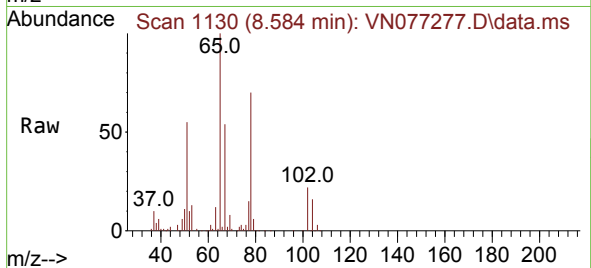
VN0407WBSD01

Tgt Ion: 65 Resp: 135327

Ion Ratio Lower Upper

65 100

67 53.5 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: VN077277.D

Acq: 07 Apr 2023 14:20

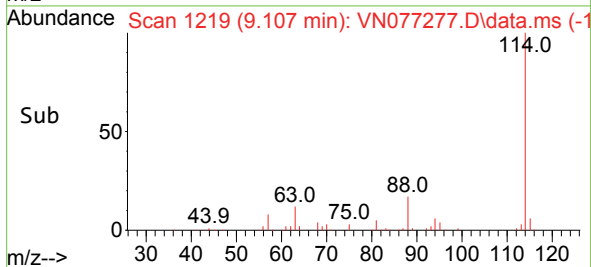
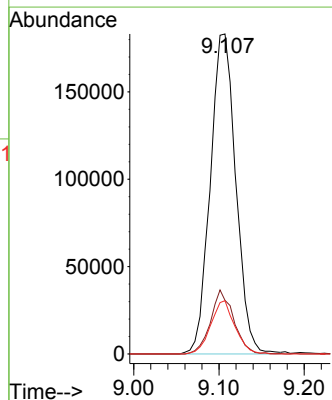
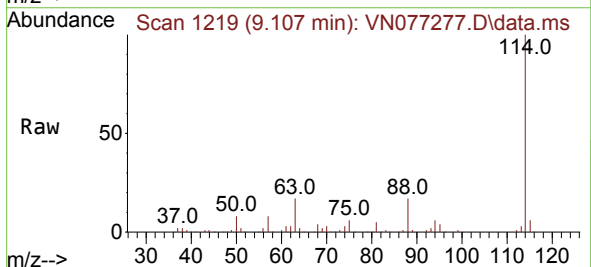
Tgt Ion: 114 Resp: 381754

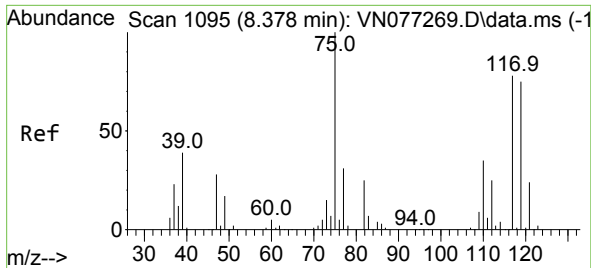
Ion Ratio Lower Upper

114 100

63 18.0 15.0 22.4

88 15.8 11.9 17.9





#29

1,1-Dichloropropene

Concen: 18.167 ug/l

RT: 8.378 min Scan# 1095

Delta R.T. -0.000 min

Lab File: VN077277.D

Acq: 07 Apr 2023 14:20

Instrument :

MSVOA_N

ClientSampleId :

VN0407WBSD01

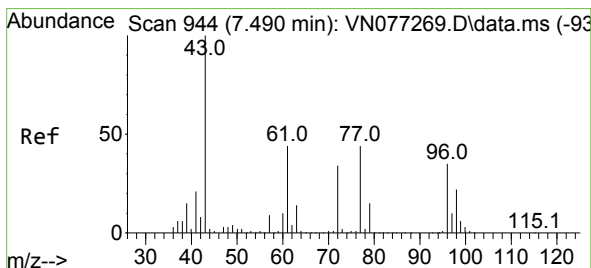
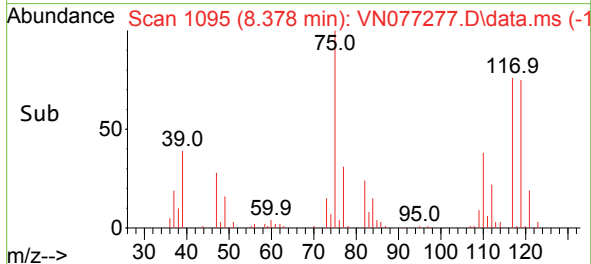
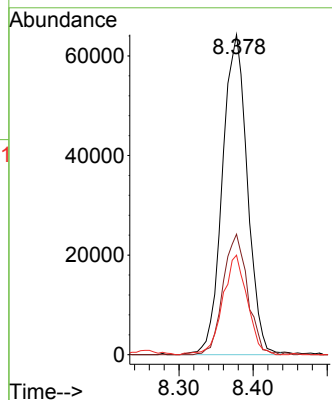
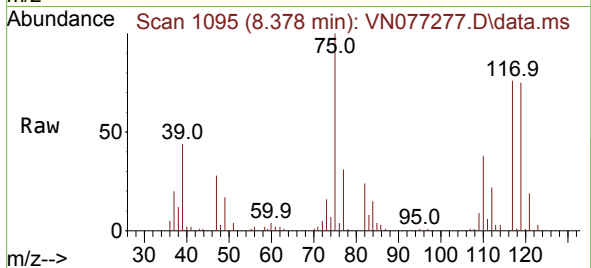
Tgt Ion: 75 Resp: 150236

Ion Ratio Lower Upper

75 100

110 36.9 0.0 72.4

77 30.7 0.0 61.4



#30

2-Butanone

Concen: 93.039 ug/l

RT: 7.490 min Scan# 944

Delta R.T. -0.000 min

Lab File: VN077277.D

Acq: 07 Apr 2023 14:20

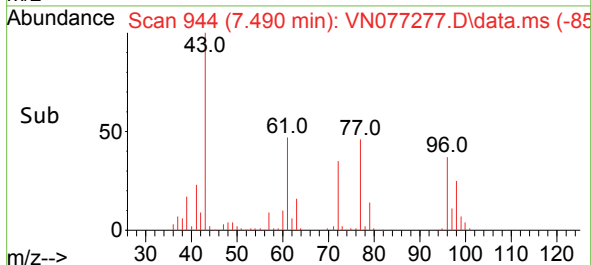
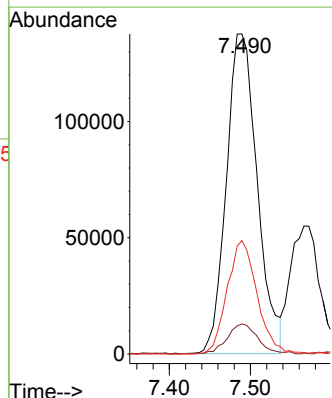
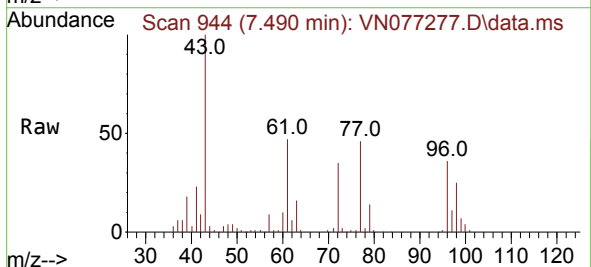
Tgt Ion: 43 Resp: 363849

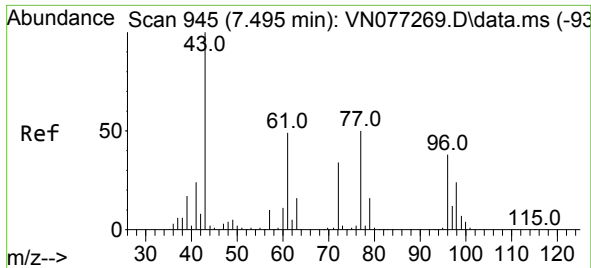
Ion Ratio Lower Upper

43 100

57 9.2 7.5 11.3

72 34.2 26.9 40.3

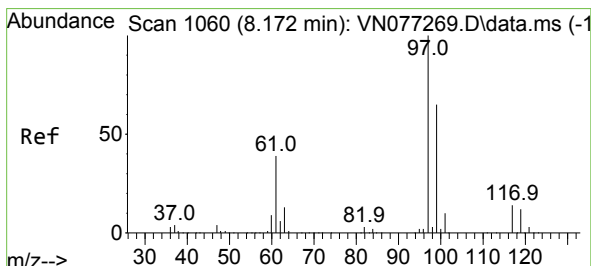
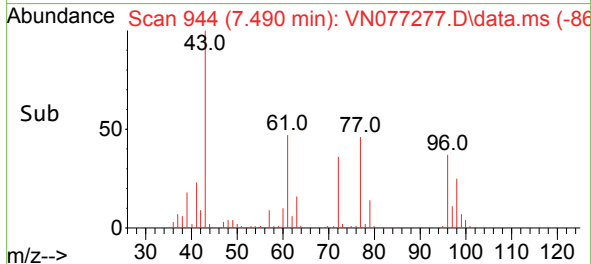
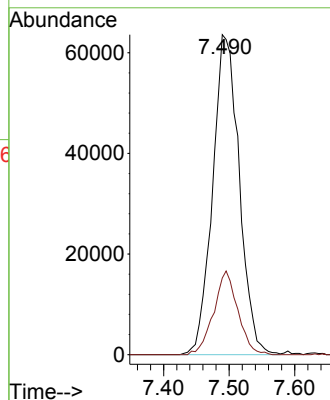
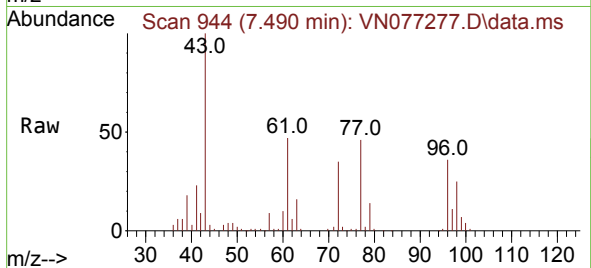




#31
2,2-Dichloropropane
Concen: 17.632 ug/l
RT: 7.490 min Scan# 94
Delta R.T. -0.006 min
Lab File: VN077277.D
Acq: 07 Apr 2023 14:20

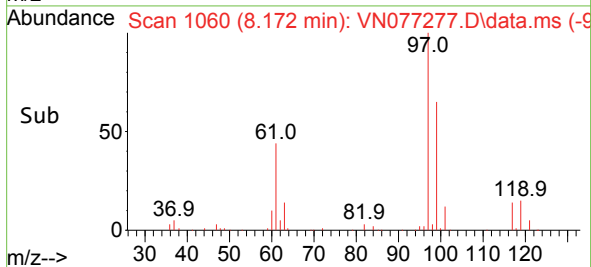
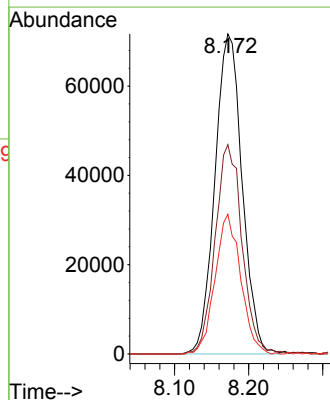
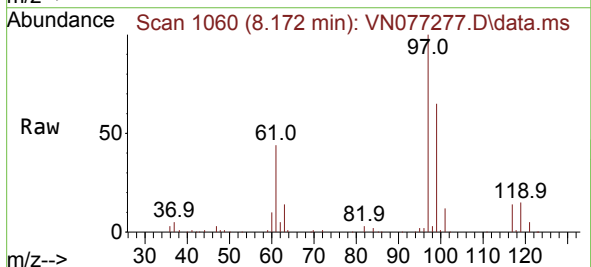
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBSD01

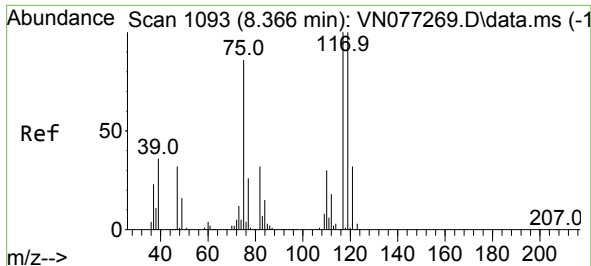
Tgt Ion: 77 Resp: 178996
Ion Ratio Lower Upper
77 100
97 23.7 18.8 28.2



#32
1,1,1-Trichloroethane
Concen: 17.992 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077277.D
Acq: 07 Apr 2023 14:20

Tgt Ion: 97 Resp: 183110
Ion Ratio Lower Upper
97 100
99 64.5 51.6 77.4
61 41.1 32.4 48.6

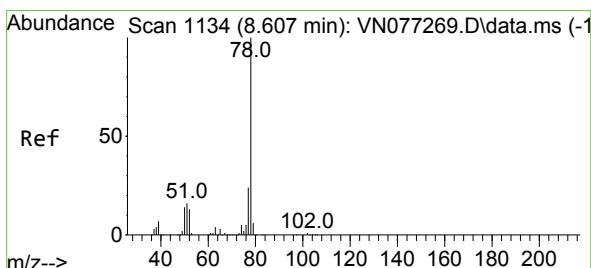
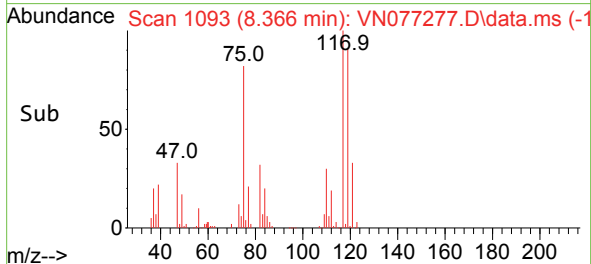
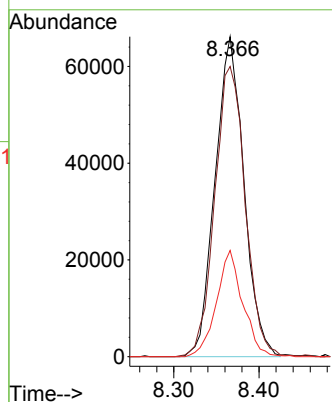
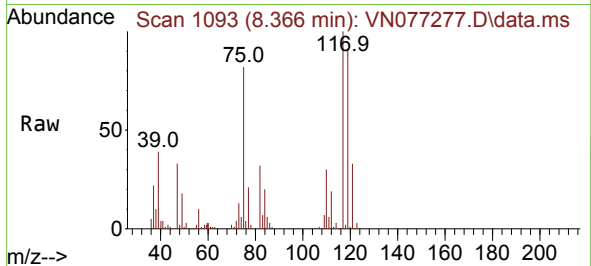




#33
Carbon Tetrachloride
Concen: 17.900 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VN077277.D
Acq: 07 Apr 2023 14:20

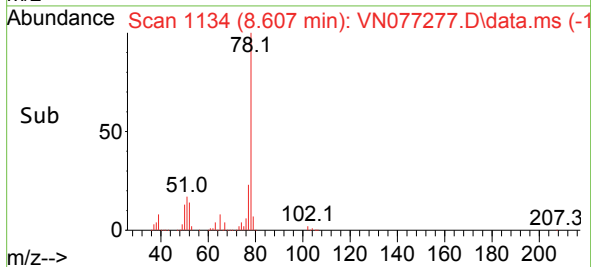
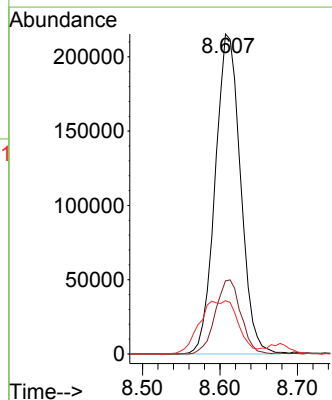
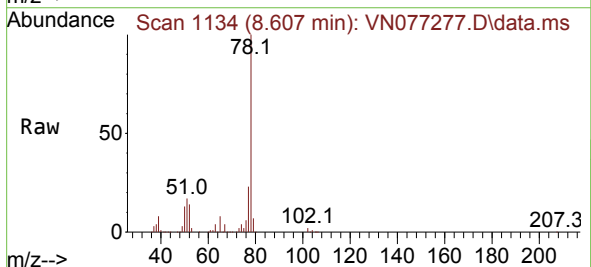
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBSD01

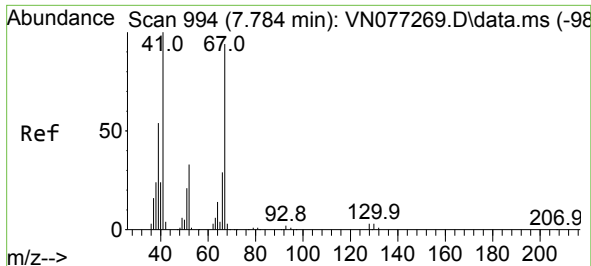
Tgt Ion:117 Resp: 155481
Ion Ratio Lower Upper
117 100
119 90.4 80.2 120.4
121 33.2 26.0 39.0



#34
Benzene
Concen: 19.125 ug/l
RT: 8.607 min Scan# 1134
Delta R.T. -0.000 min
Lab File: VN077277.D
Acq: 07 Apr 2023 14:20

Tgt Ion: 78 Resp: 489376
Ion Ratio Lower Upper
78 100
77 22.8 19.4 29.0
51 15.9 12.6 19.0



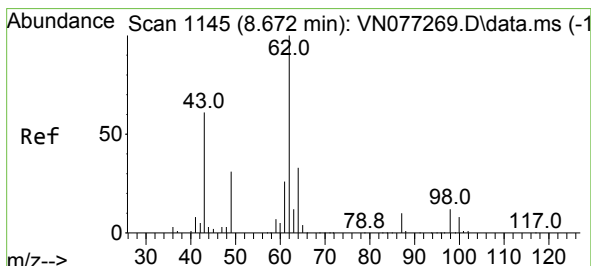
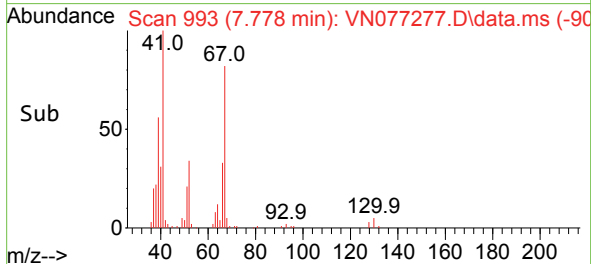
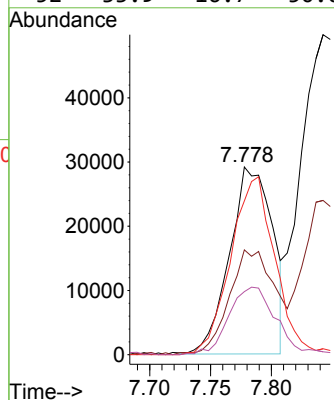
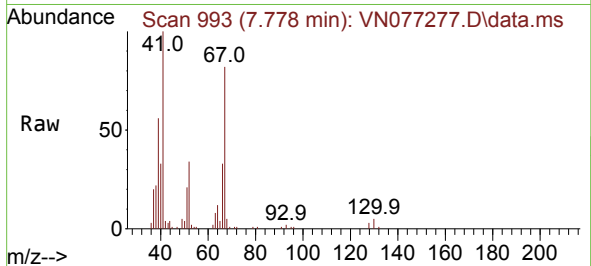


#35
Methacrylonitrile
Concen: 19.361 ug/l
RT: 7.778 min Scan# 994
Delta R.T. -0.006 min
Lab File: VN077277.D
Acq: 07 Apr 2023 14:20

Instrument :
MSVOA_N
ClientSampleId :
VN0407WBSD01

Tgt Ion: 41 Resp: 71325

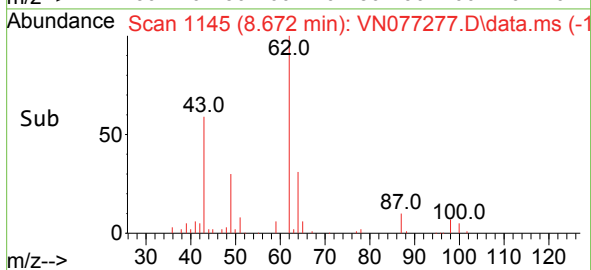
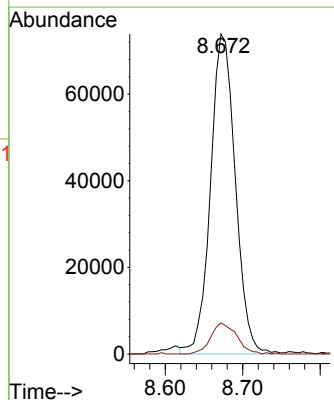
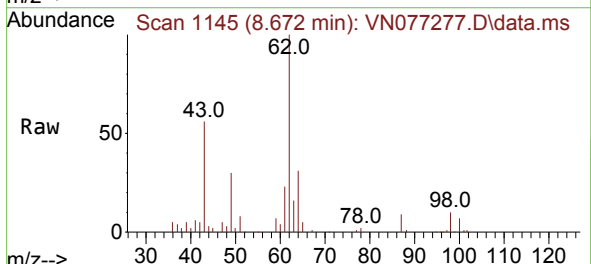
Ion	Ratio	Lower	Upper
41	100		
39	55.3	27.1	81.2
67	82.7	46.8	140.4
52	33.9	16.7	50.0

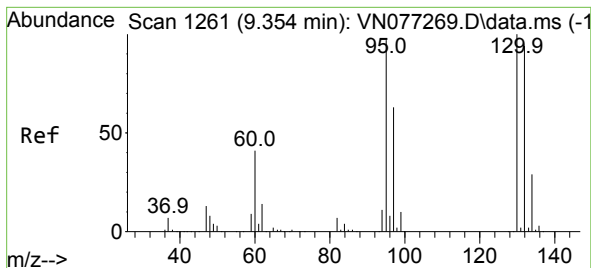


#36
1,2-Dichloroethane
Concen: 20.531 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN077277.D
Acq: 07 Apr 2023 14:20

Tgt Ion: 62 Resp: 164708

Ion	Ratio	Lower	Upper
62	100		
98	10.0	8.3	12.5





#37

Trichloroethene

Concen: 18.445 ug/l

RT: 9.354 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077277.D

Acq: 07 Apr 2023 14:20

Instrument :

MSVOA_N

ClientSampleId :

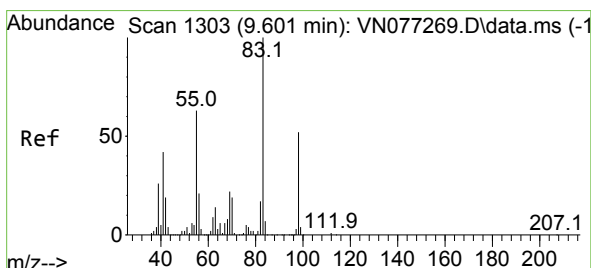
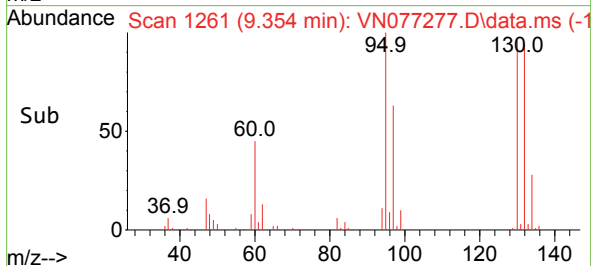
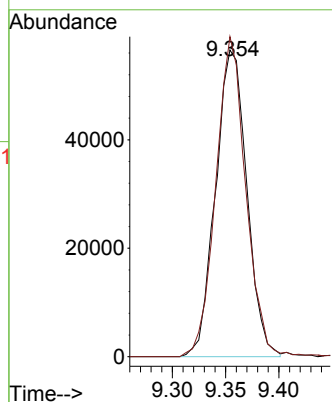
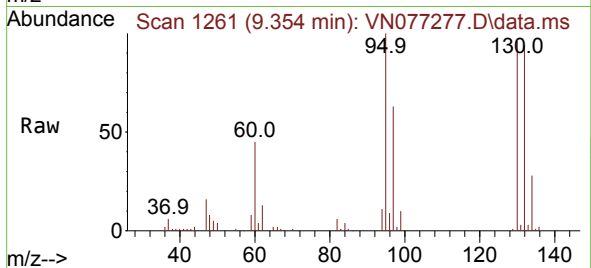
VN0407WBSD01

Tgt Ion:130 Resp: 115442

Ion Ratio Lower Upper

130 100

95 104.3 77.5 116.3



#38

Methylcyclohexane

Concen: 18.424 ug/l

RT: 9.601 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN077277.D

Acq: 07 Apr 2023 14:20

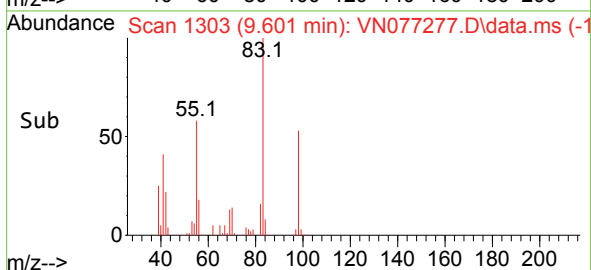
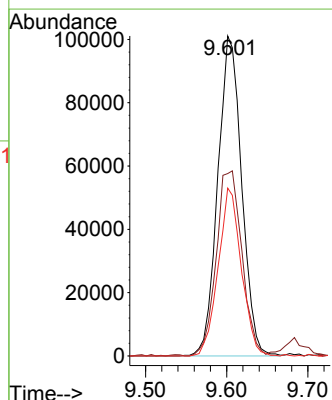
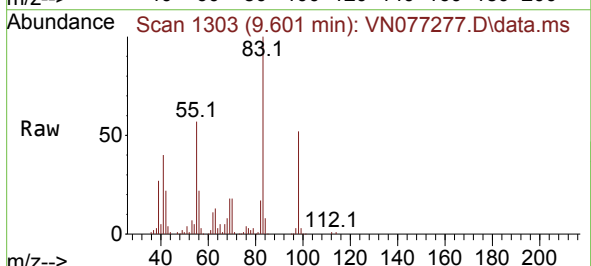
Tgt Ion: 83 Resp: 206640

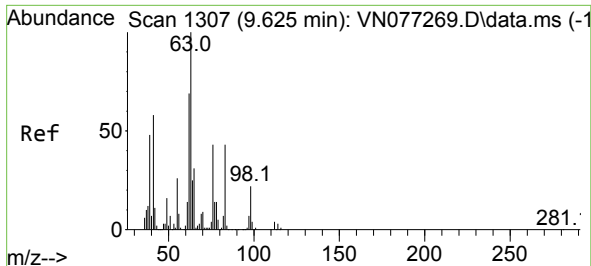
Ion Ratio Lower Upper

83 100

55 62.2 32.0 96.2

98 50.9 25.3 75.9





#39

1,2-Dichloropropane

Concen: 18.825 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN077277.D

Acq: 07 Apr 2023 14:20

Instrument :

MSVOA_N

ClientSampleId :

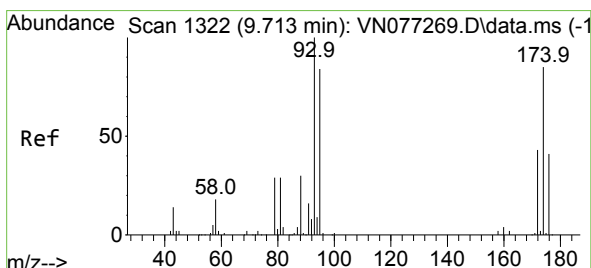
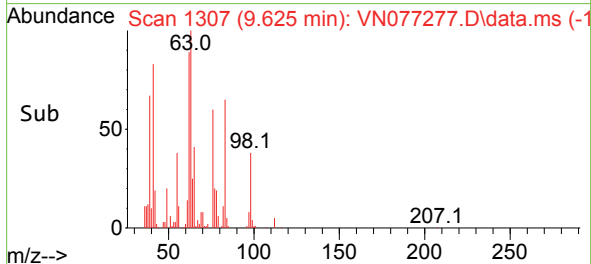
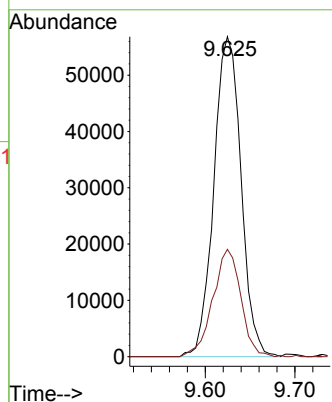
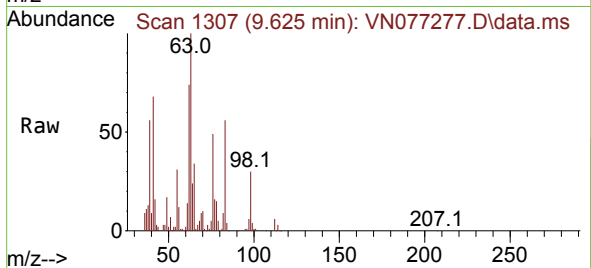
VN0407WBSD01

Tgt Ion: 63 Resp: 119577

Ion Ratio Lower Upper

63 100

65 33.6 24.8 37.2



#40

Dibromomethane

Concen: 19.254 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077277.D

Acq: 07 Apr 2023 14:20

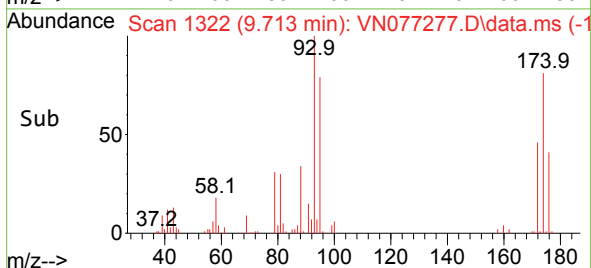
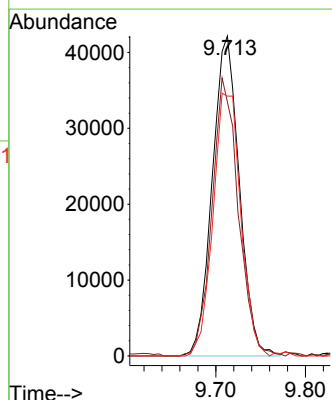
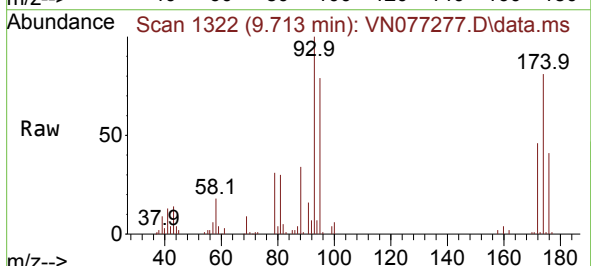
Tgt Ion: 93 Resp: 88120

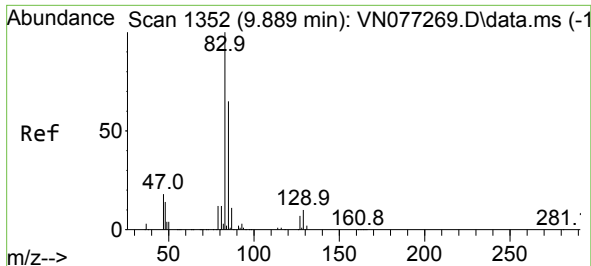
Ion Ratio Lower Upper

93 100

95 84.7 0.0 166.4

174 84.4 0.0 164.8

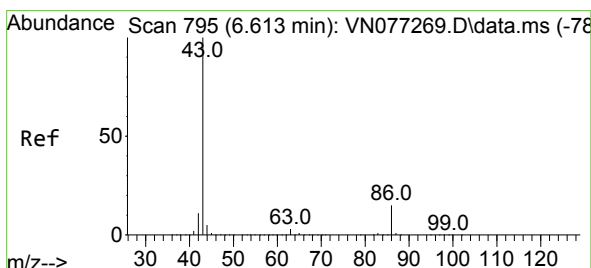
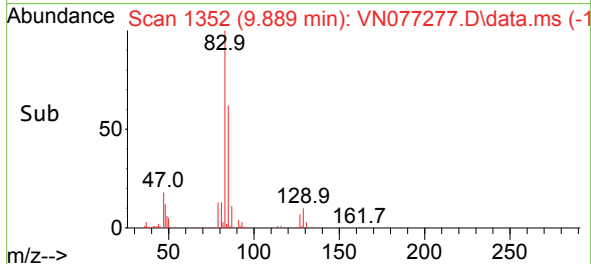
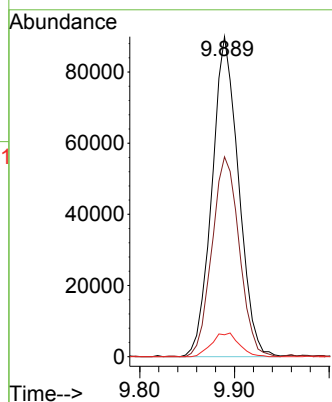
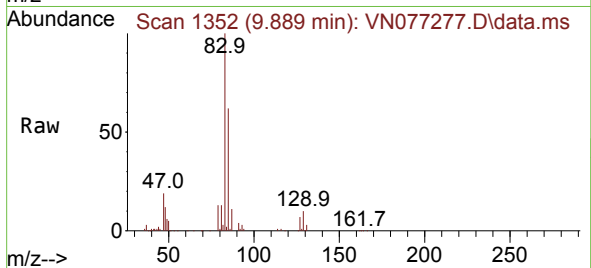




#41
Bromodichloromethane
Concen: 19.221 ug/l
RT: 9.889 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077277.D
Acq: 07 Apr 2023 14:20

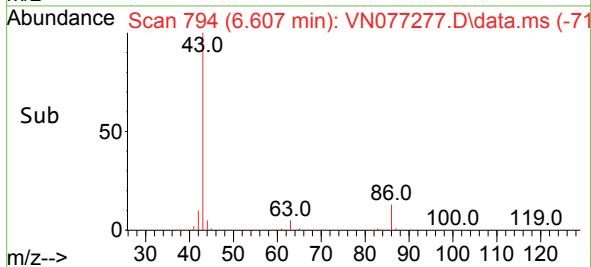
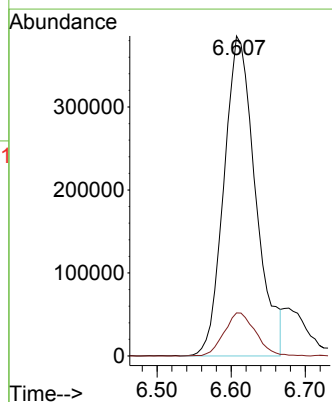
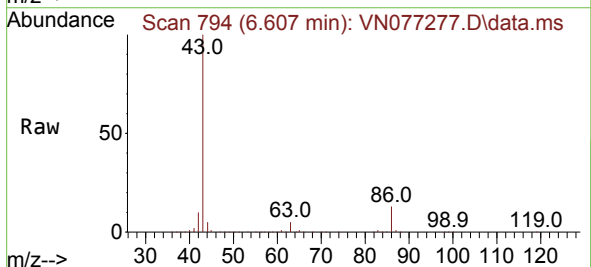
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBSD01

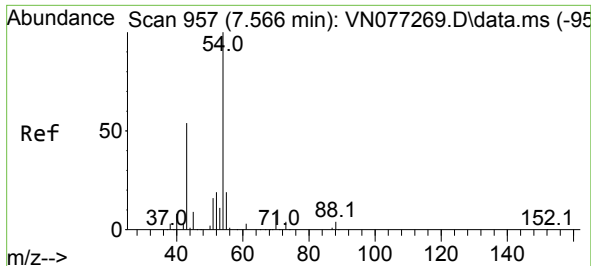
Tgt Ion: 83 Resp: 175415
Ion Ratio Lower Upper
83 100
85 62.5 52.3 78.5
127 6.8 5.9 8.9



#42
Vinyl Acetate
Concen: 100.790 ug/l
RT: 6.607 min Scan# 794
Delta R.T. -0.006 min
Lab File: VN077277.D
Acq: 07 Apr 2023 14:20

Tgt Ion: 43 Resp: 1140777
Ion Ratio Lower Upper
43 100
86 13.5 0.0 0.0#

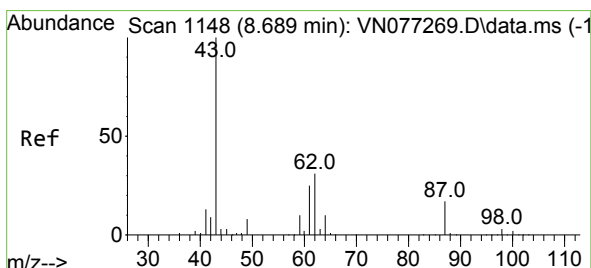
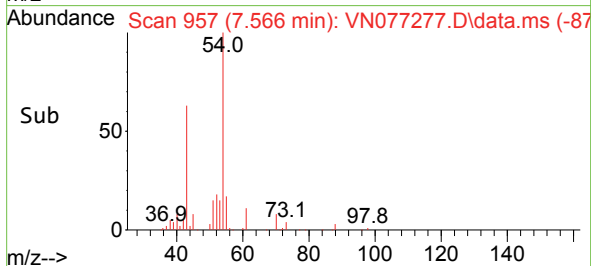
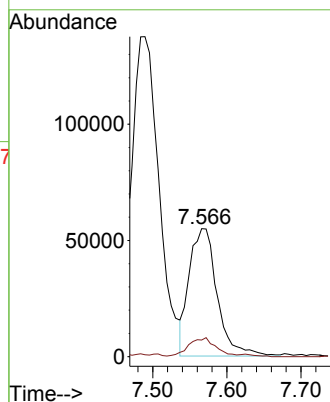
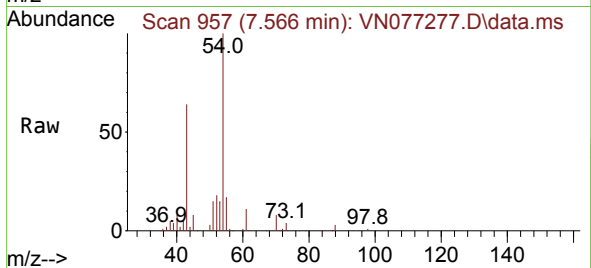




#43
Ethyl Acetate
Concen: 19.863 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077277.D
Acq: 07 Apr 2023 14:20

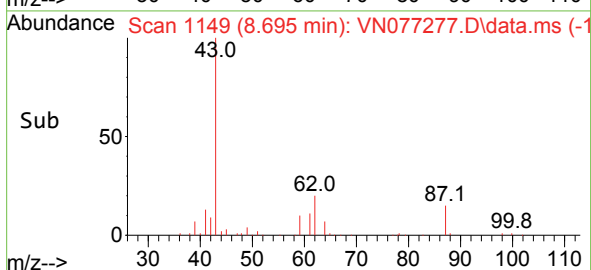
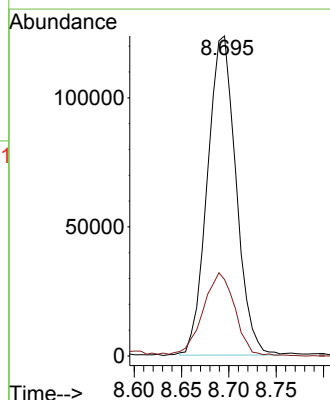
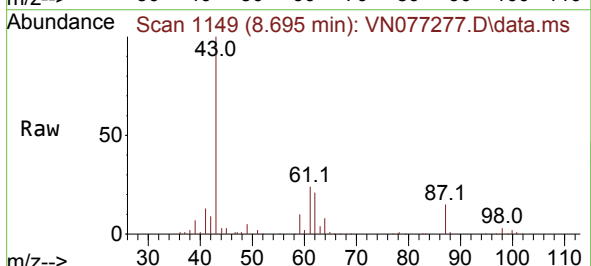
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBSD01

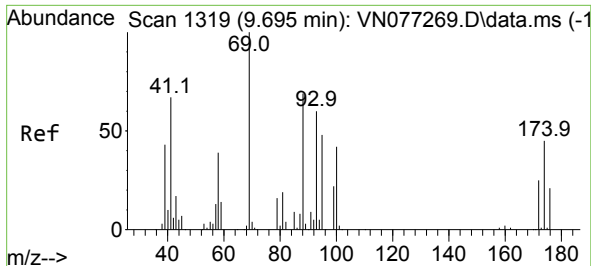
Tgt Ion: 43 Resp: 143715
Ion Ratio Lower Upper
43 100
45 14.6 12.3 18.5



#44
Isopropyl Acetate
Concen: 20.100 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.006 min
Lab File: VN077277.D
Acq: 07 Apr 2023 14:20

Tgt Ion: 43 Resp: 260384
Ion Ratio Lower Upper
43 100
61 29.1 0.0 0.0#

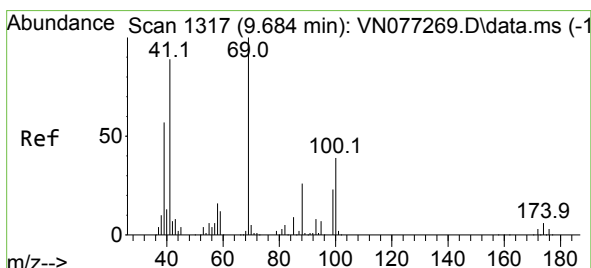
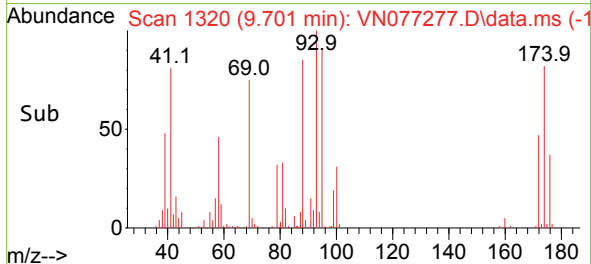
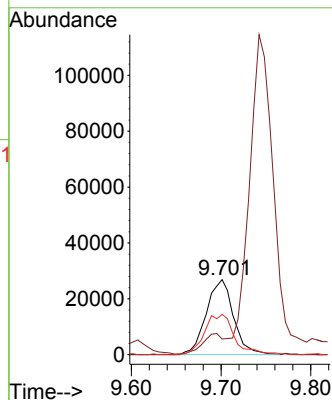
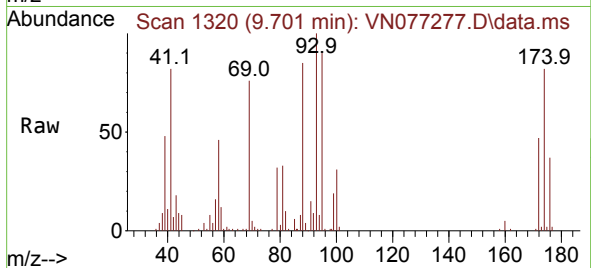




#45
1,4-Dioxane
Concen: 414.429 ug/l
RT: 9.701 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077277.D
Acq: 07 Apr 2023 14:20

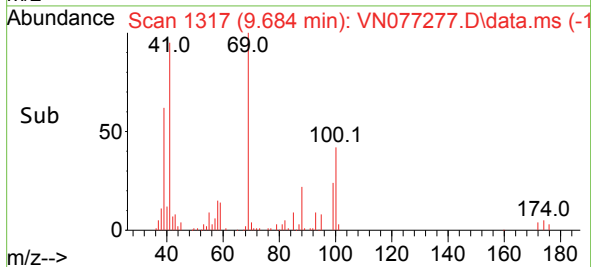
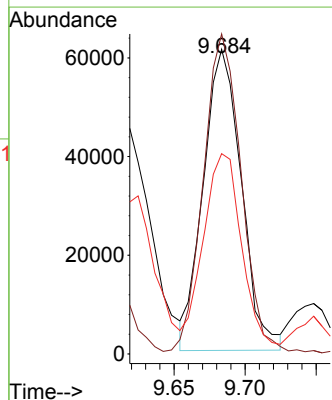
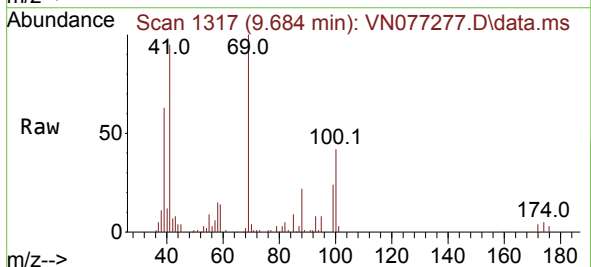
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBSD01

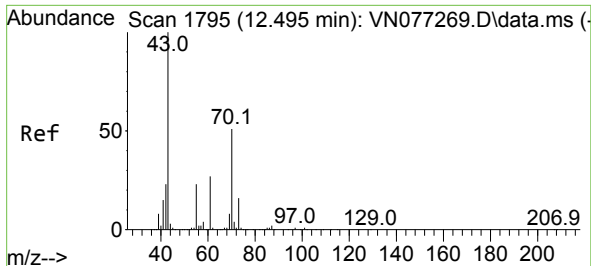
Tgt Ion: 88 Resp: 56621
Ion Ratio Lower Upper
88 100
43 22.9 17.4 26.0
58 55.5 48.2 72.4



#46
Methyl methacrylate
Concen: 20.376 ug/l
RT: 9.684 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN077277.D
Acq: 07 Apr 2023 14:20

Tgt Ion: 41 Resp: 113650
Ion Ratio Lower Upper
41 100
69 109.5 54.5 163.5
39 66.9 33.4 100.2

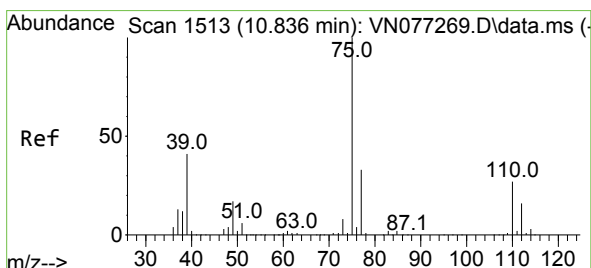
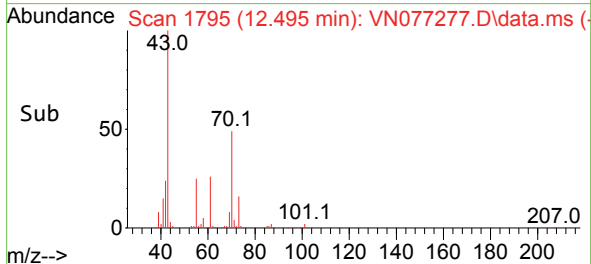
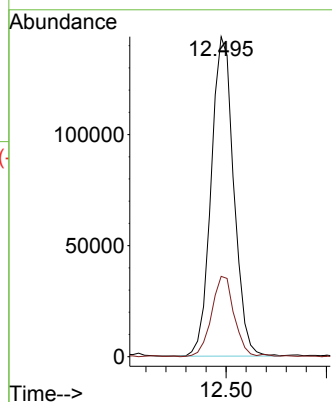
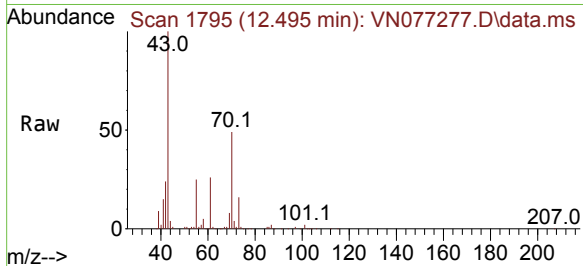




#47
n-amyl acetate
Concen: 19.904 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN077277.D
Acq: 07 Apr 2023 14:20

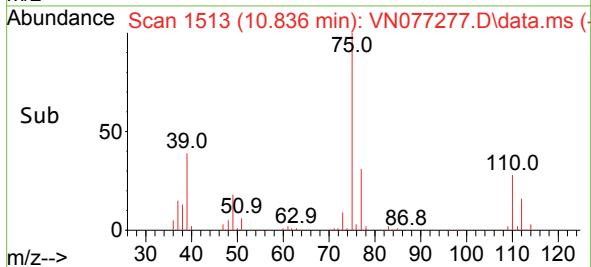
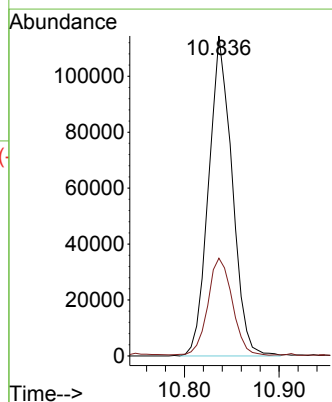
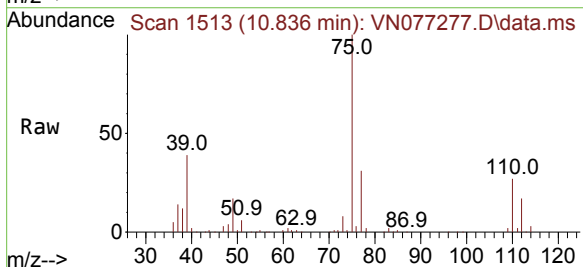
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBSD01

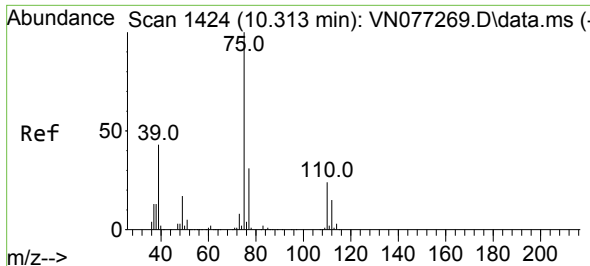
Tgt Ion: 43 Resp: 225330
Ion Ratio Lower Upper
43 100
55 25.1 19.4 29.0



#48
t-1,3-Dichloropropene
Concen: 19.268 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN077277.D
Acq: 07 Apr 2023 14:20

Tgt Ion: 75 Resp: 196793
Ion Ratio Lower Upper
75 100
77 30.2 26.5 39.7

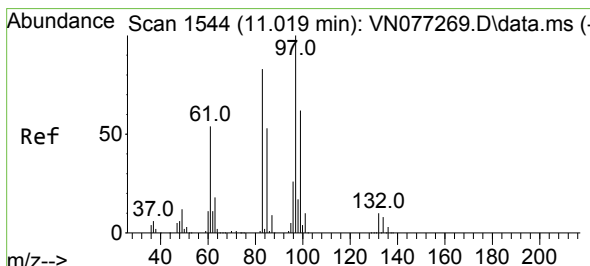
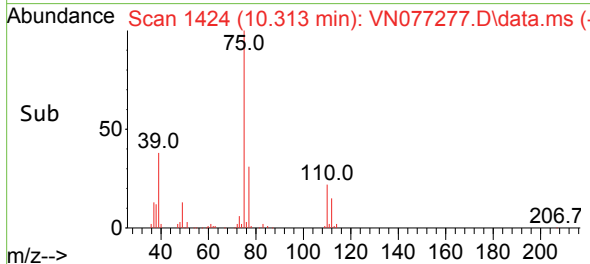
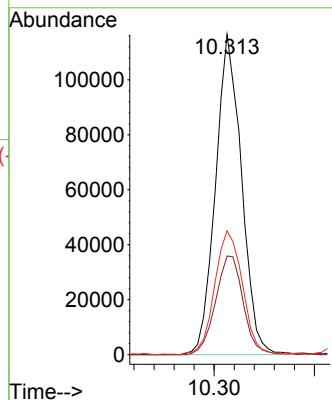
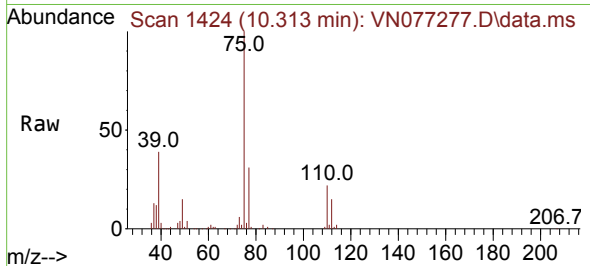




#49
 cis-1,3-Dichloropropene
 Concen: 19.247 ug/l
 RT: 10.313 min Scan# 1424
 Delta R.T. -0.000 min
 Lab File: VN077277.D
 Acq: 07 Apr 2023 14:20

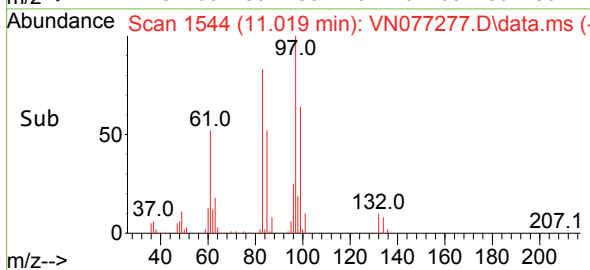
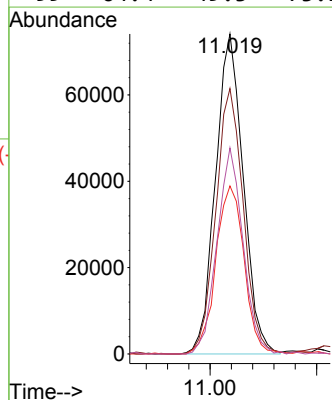
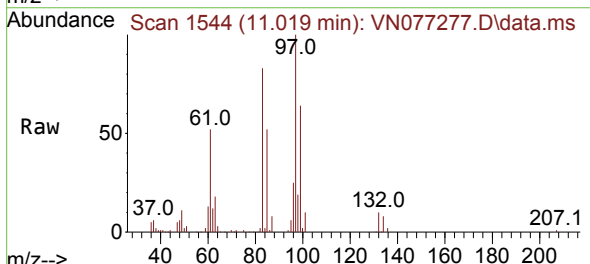
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0407WBSD01

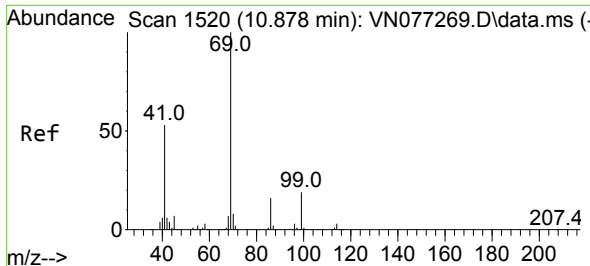
Tgt Ion:	75	Resp:	209128
Ion	Ratio	Lower	Upper
75	100		
77	30.8	25.0	37.6
39	38.7	34.4	51.6



#50
 1,1,2-Trichloroethane
 Concen: 20.148 ug/l
 RT: 11.019 min Scan# 1544
 Delta R.T. -0.000 min
 Lab File: VN077277.D
 Acq: 07 Apr 2023 14:20

Tgt Ion:	97	Resp:	133943
Ion	Ratio	Lower	Upper
97	100		
83	82.9	66.7	100.1
85	52.5	42.4	63.6
99	64.4	49.3	73.9

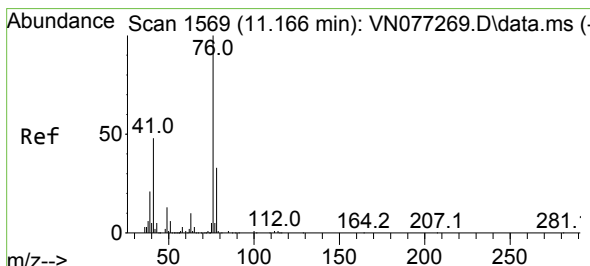
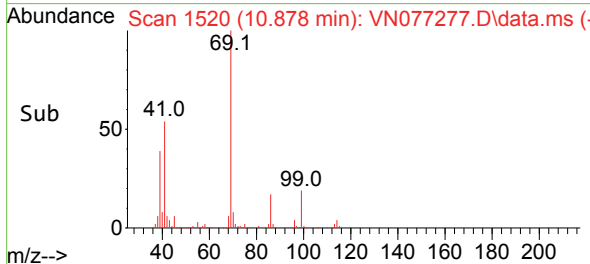
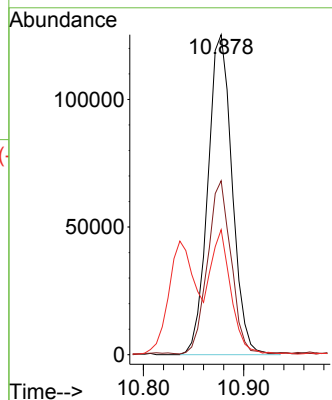
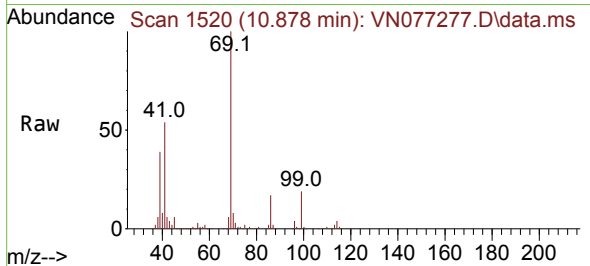




#51
Ethyl methacrylate
Concen: 20.671 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VN077277.D
Acq: 07 Apr 2023 14:20

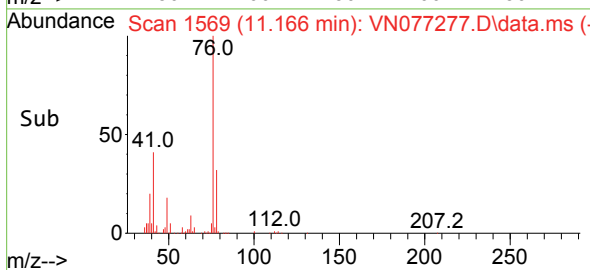
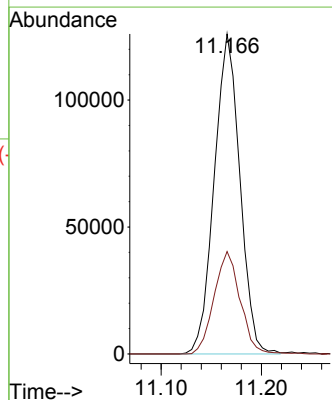
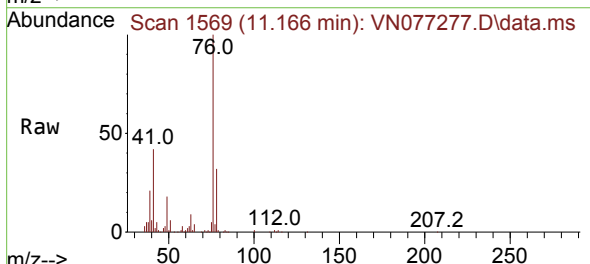
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBSD01

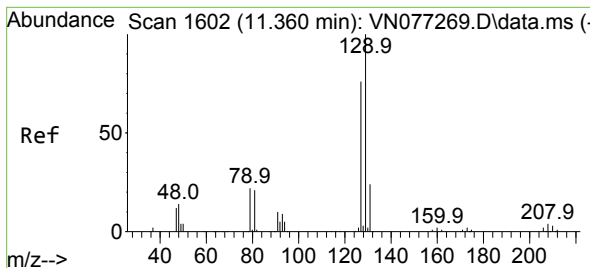
Tgt Ion: 69 Resp: 211034
Ion Ratio Lower Upper
69 100
41 54.1 26.7 80.0
39 38.7 17.0 50.9



#52
1,3-Dichloropropane
Concen: 20.120 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077277.D
Acq: 07 Apr 2023 14:20

Tgt Ion: 76 Resp: 223241
Ion Ratio Lower Upper
76 100
78 32.6 0.0 65.0





#53

Dibromochloromethane

Concen: 19.547 ug/l

RT: 11.360 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN077277.D

Acq: 07 Apr 2023 14:20

Instrument :

MSVOA_N

ClientSampleId :

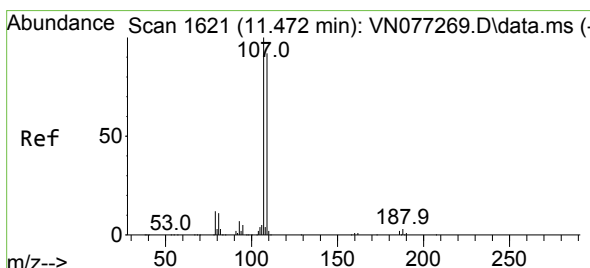
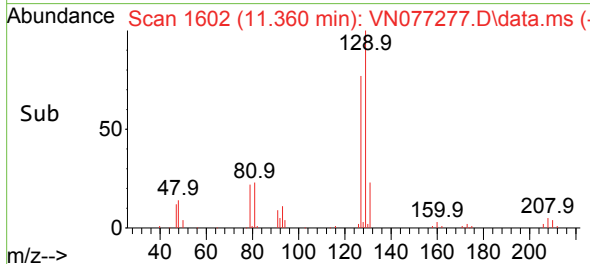
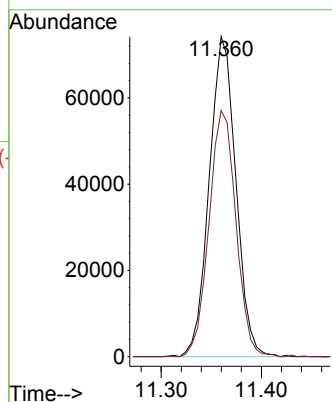
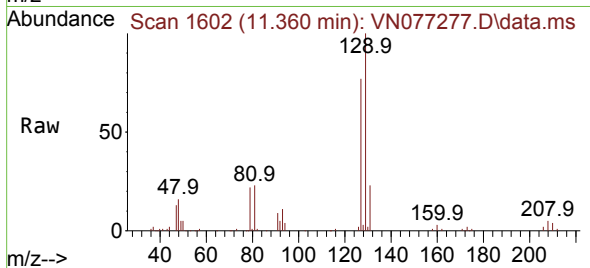
VN0407WBSD01

Tgt Ion:129 Resp: 136956

Ion Ratio Lower Upper

129 100

127 77.8 38.6 115.8



#54

1,2-Dibromoethane

Concen: 19.831 ug/l

RT: 11.472 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VN077277.D

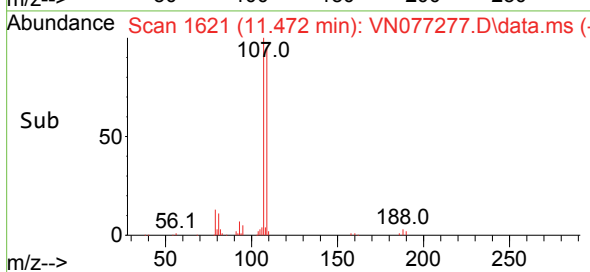
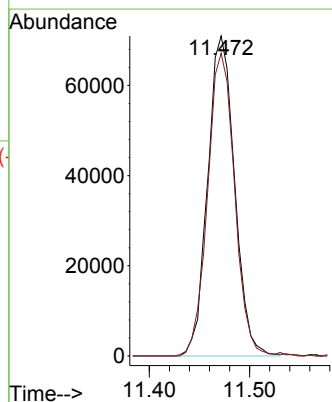
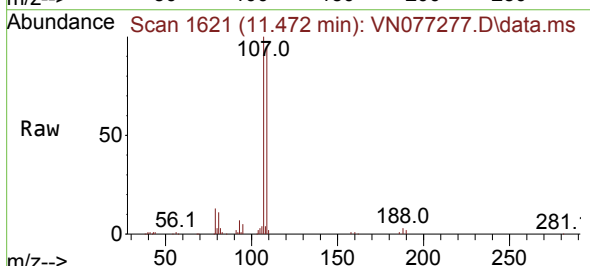
Acq: 07 Apr 2023 14:20

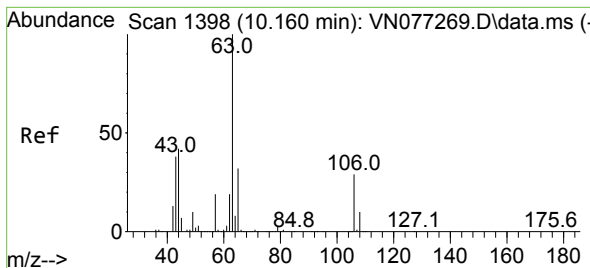
Tgt Ion:107 Resp: 132347

Ion Ratio Lower Upper

107 100

109 94.6 74.1 111.1

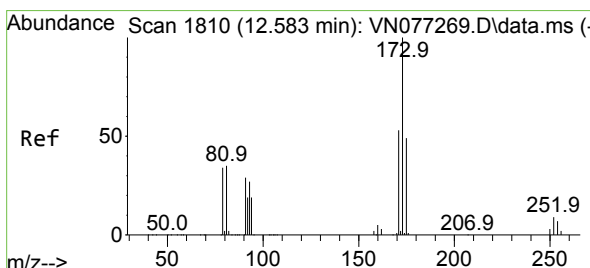
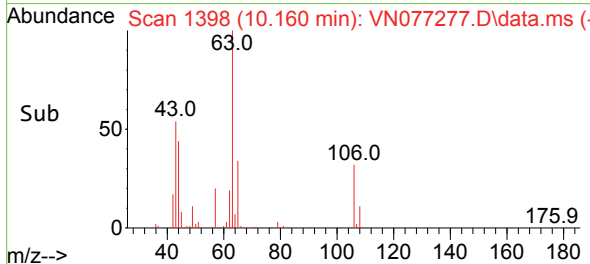
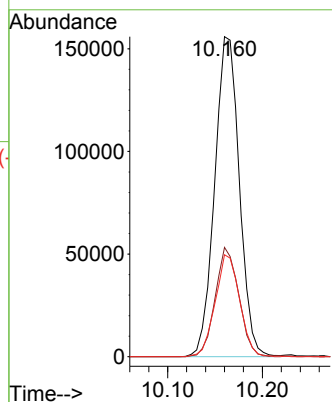
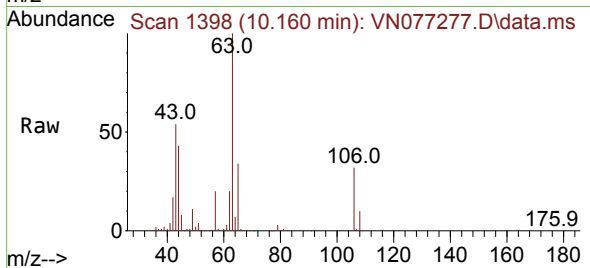




#55
2-Chloroethyl vinyl ether
Concen: 89.510 ug/l
RT: 10.160 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VN077277.D
Acq: 07 Apr 2023 14:20

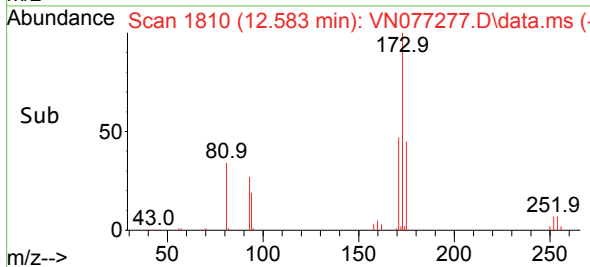
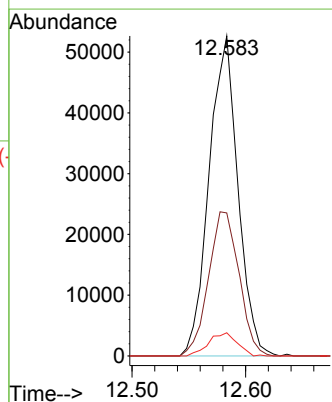
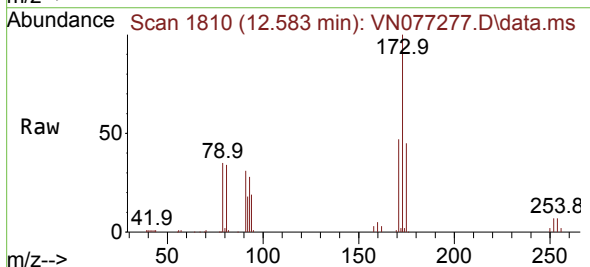
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBSD01

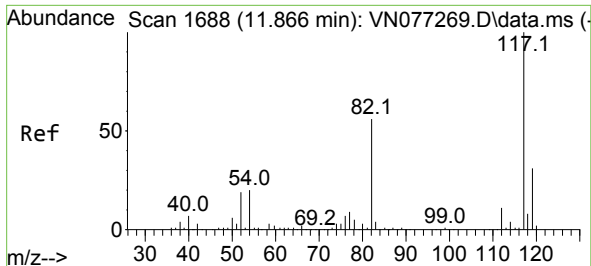
Tgt Ion: 63 Resp: 282134
Ion Ratio Lower Upper
63 100
65 32.6 25.7 38.5
106 31.5 24.0 36.0



#56
Bromoform
Concen: 19.737 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN077277.D
Acq: 07 Apr 2023 14:20

Tgt Ion: 173 Resp: 92896
Ion Ratio Lower Upper
173 100
175 47.7 38.2 57.2
254 7.1 6.0 9.0

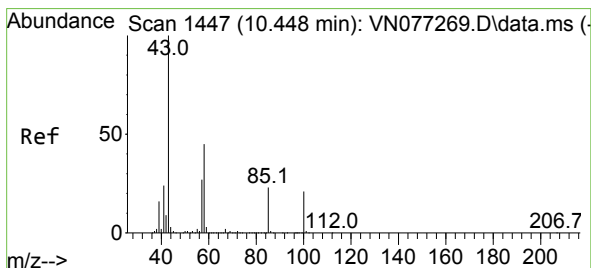
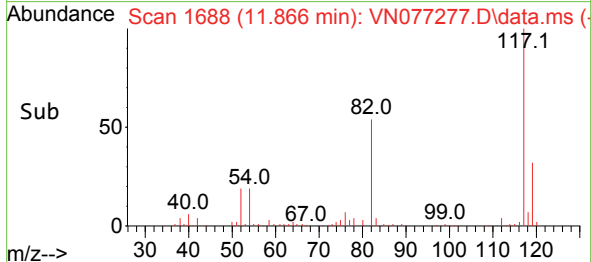
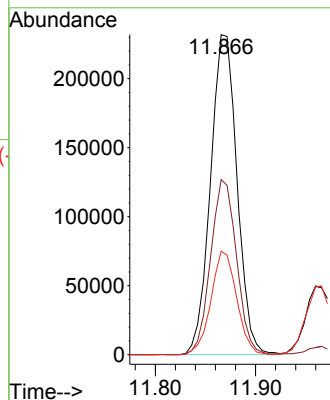
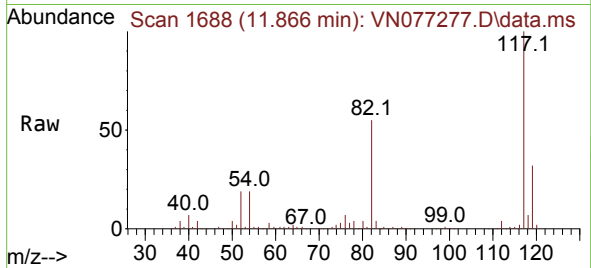




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077277.D
Acq: 07 Apr 2023 14:20

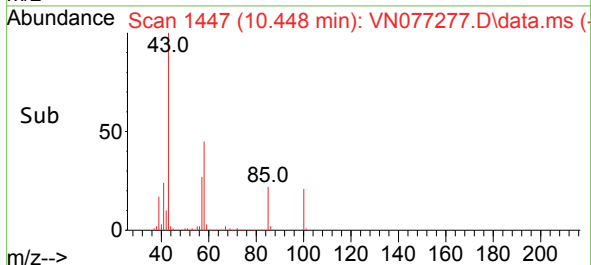
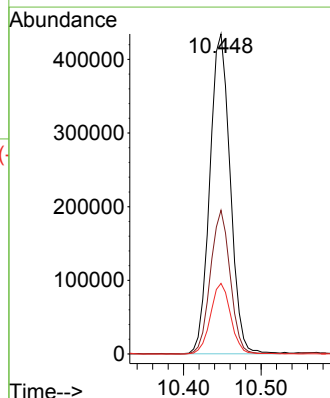
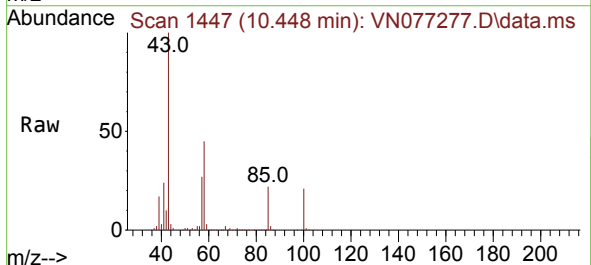
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBSD01

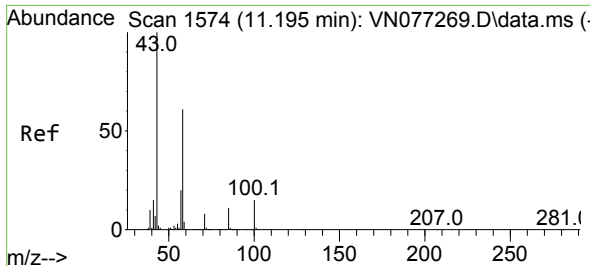
Tgt Ion:117 Resp: 427516
Ion Ratio Lower Upper
117 100
82 53.5 43.8 65.8
119 31.3 25.4 38.0



#58
4-Methyl-2-Pentanone
Concen: 99.144 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077277.D
Acq: 07 Apr 2023 14:20

Tgt Ion: 43 Resp: 793609
Ion Ratio Lower Upper
43 100
58 43.5 34.7 52.1
85 21.8 17.8 26.8

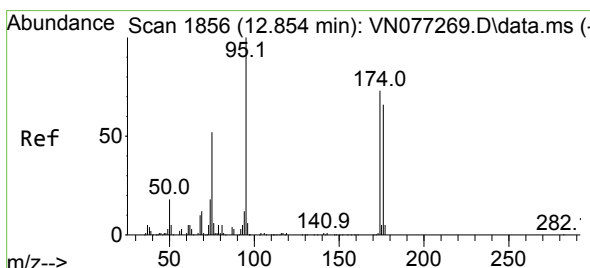
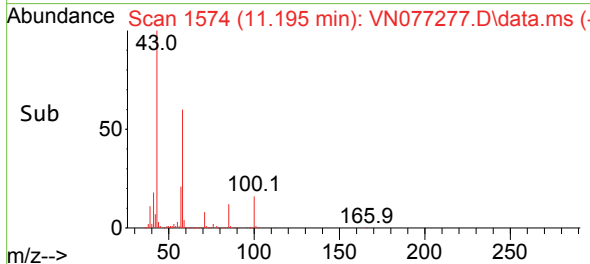
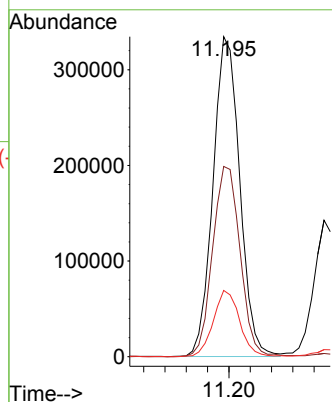
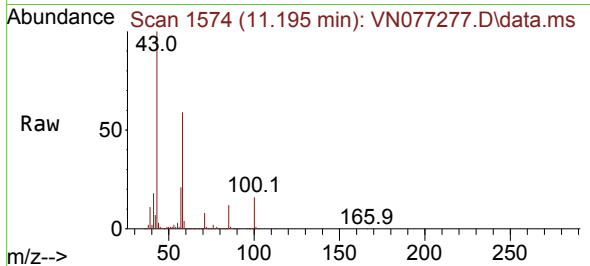




#59
2-Hexanone
Concen: 94.215 ug/l
RT: 11.195 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077277.D
Acq: 07 Apr 2023 14:20

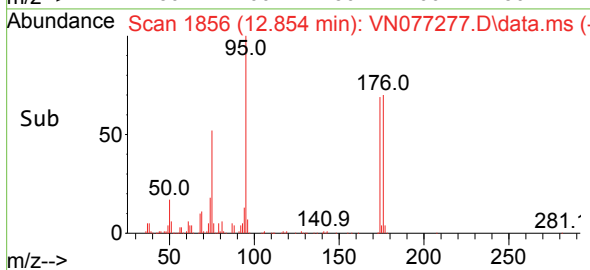
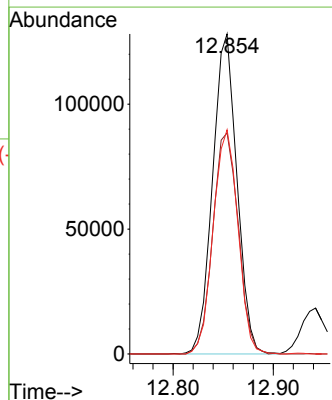
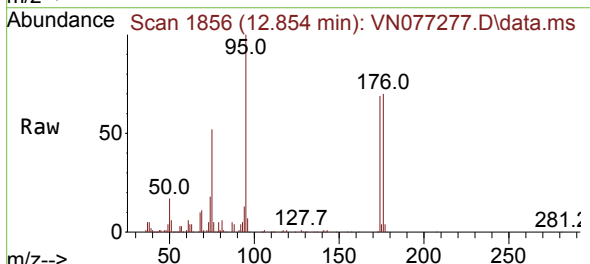
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBSD01

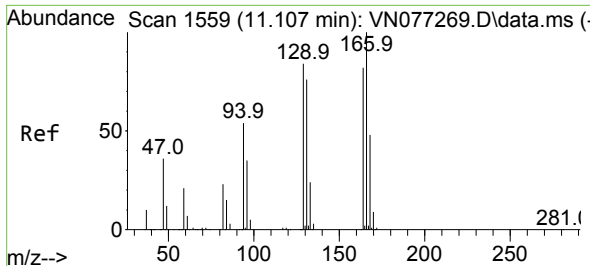
Tgt Ion: 43 Resp: 582930
Ion Ratio Lower Upper
43 100
58 61.2 48.6 73.0
57 20.5 16.7 25.1



#60
4-Bromofluorobenzene
Concen: 29.257 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN077277.D
Acq: 07 Apr 2023 14:20

Tgt Ion: 95 Resp: 216275
Ion Ratio Lower Upper
95 100
174 72.3 57.8 86.8
176 71.2 54.6 81.8

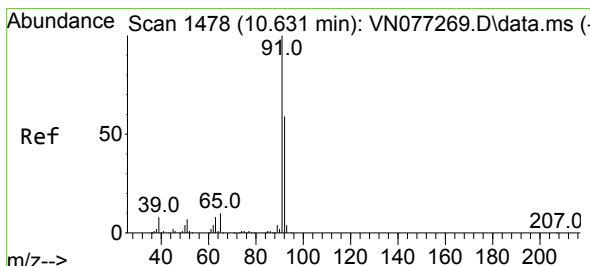
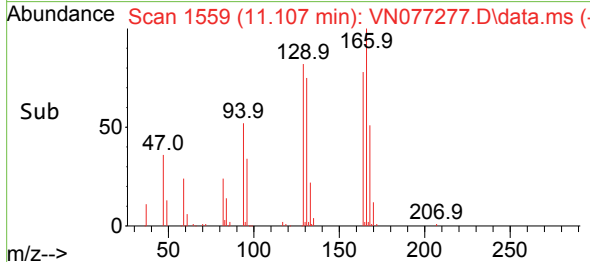
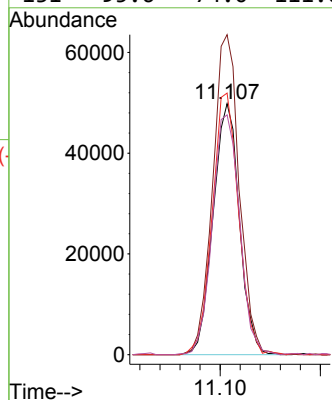
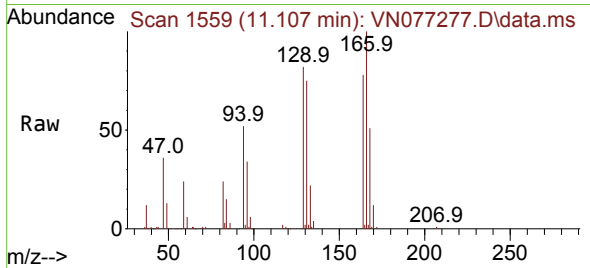




#61
Tetrachloroethene
Concen: 17.749 ug/l
RT: 11.107 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077277.D
Acq: 07 Apr 2023 14:20

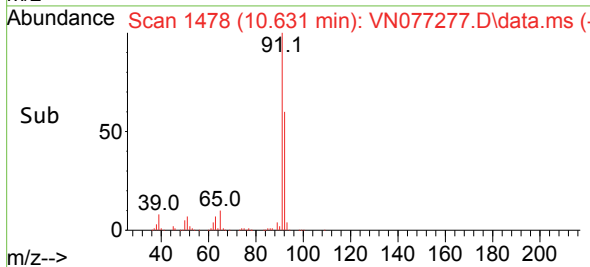
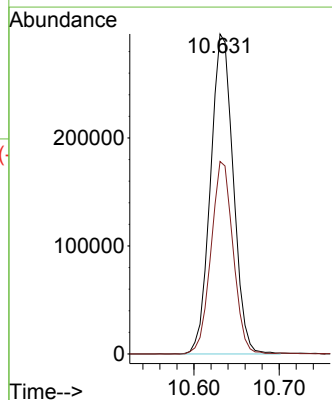
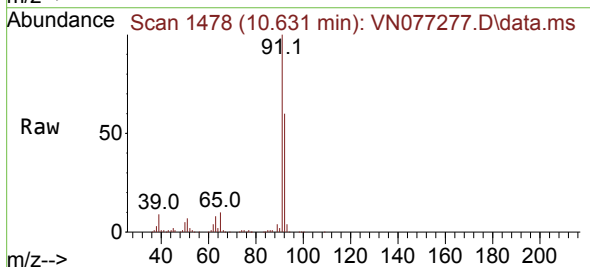
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBSD01

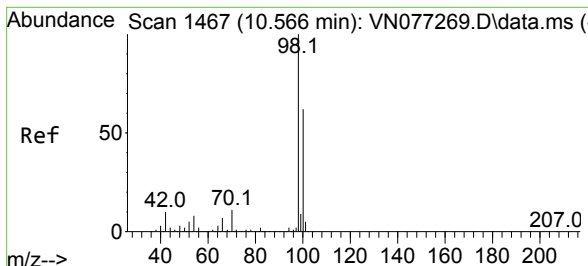
Tgt Ion:164 Resp: 90250
Ion Ratio Lower Upper
164 100
166 127.5 97.9 146.9
129 104.2 82.5 123.7
131 95.6 74.0 111.0



#62
Toluene
Concen: 18.437 ug/l
RT: 10.631 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VN077277.D
Acq: 07 Apr 2023 14:20

Tgt Ion: 91 Resp: 549970
Ion Ratio Lower Upper
91 100
92 58.4 46.6 70.0





#63

Toluene-d8

Concen: 29.575 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. 0.006 min

Lab File: VN077277.D

Acq: 07 Apr 2023 14:20

Instrument :

MSVOA_N

ClientSampleId :

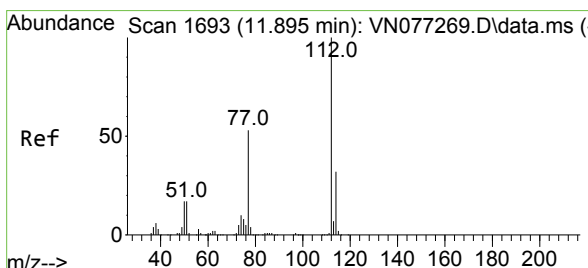
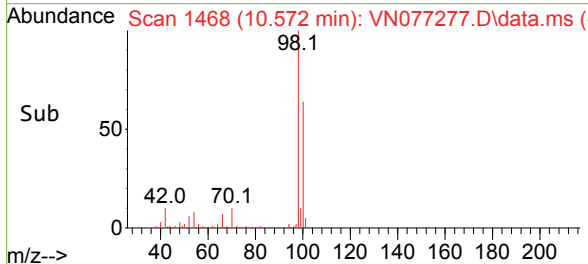
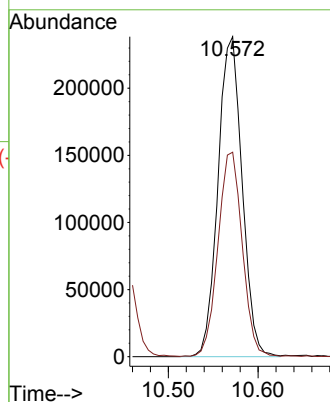
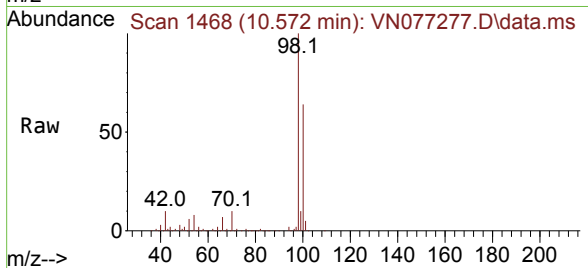
VN0407WBSD01

Tgt Ion: 98 Resp: 444481

Ion Ratio Lower Upper

98 100

100 64.3 51.4 77.2



#64

Chlorobenzene

Concen: 18.199 ug/l

RT: 11.895 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VN077277.D

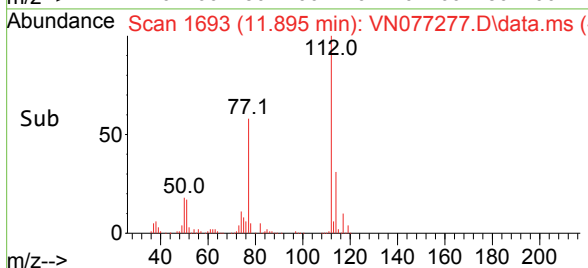
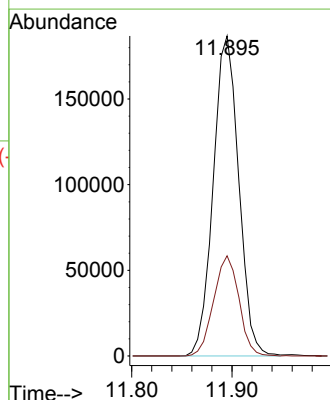
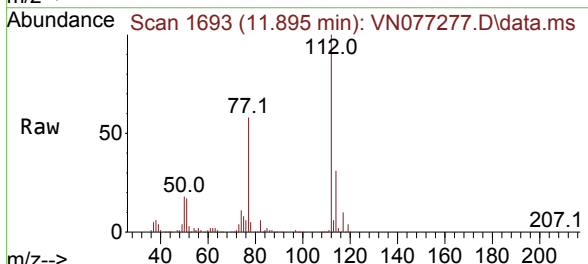
Acq: 07 Apr 2023 14:20

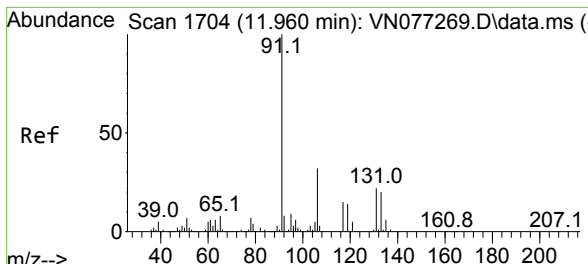
Tgt Ion:112 Resp: 329804

Ion Ratio Lower Upper

112 100

114 31.3 25.6 38.4



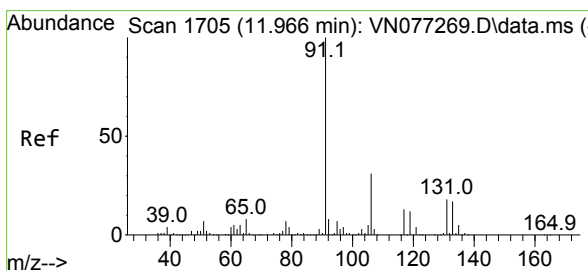
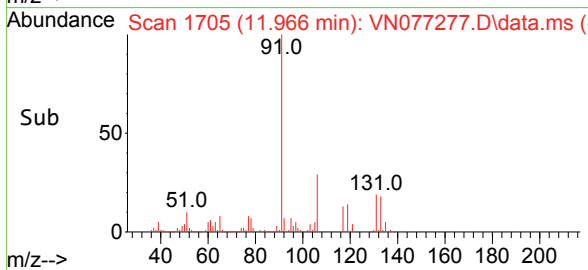
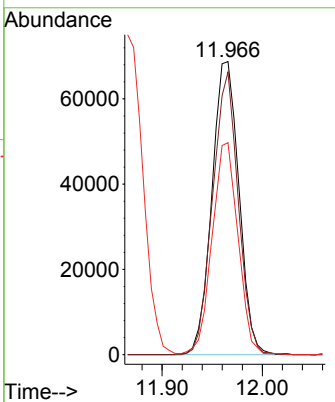
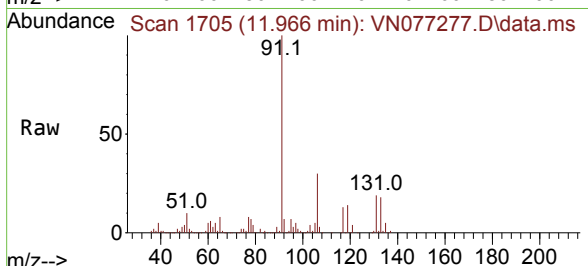


#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.314 ug/l
 RT: 11.966 min Scan# 1705
 Delta R.T. 0.006 min
 Lab File: VN077277.D
 Acq: 07 Apr 2023 14:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0407WBSD01

Tgt Ion:131 Resp: 128709

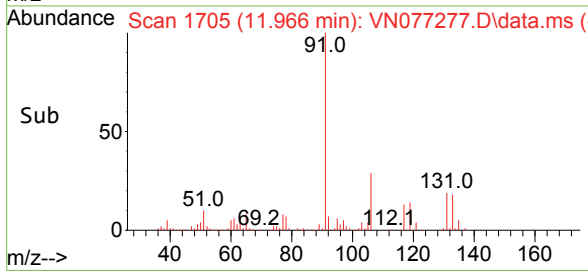
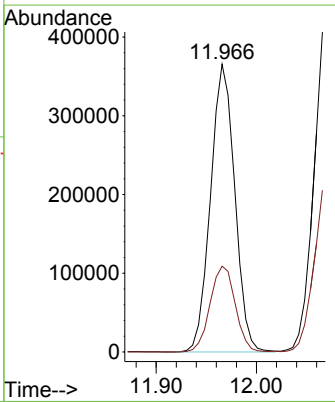
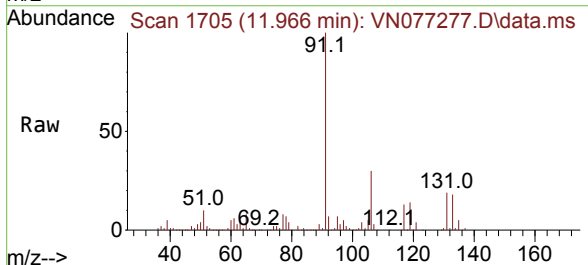
Ion	Ratio	Lower	Upper
131	100		
133	91.3	0.0	184.4
119	69.3	0.0	134.8

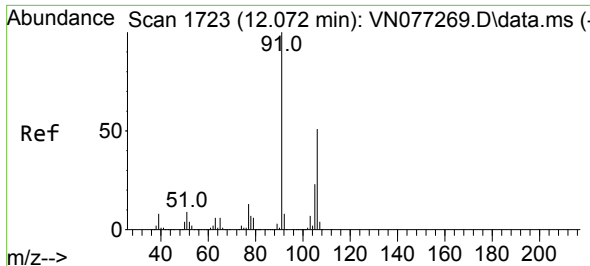


#66
 Ethyl Benzene
 Concen: 18.554 ug/l
 RT: 11.966 min Scan# 1705
 Delta R.T. -0.000 min
 Lab File: VN077277.D
 Acq: 07 Apr 2023 14:20

Tgt Ion: 91 Resp: 613134

Ion	Ratio	Lower	Upper
91	100		
106	29.8	25.0	37.6

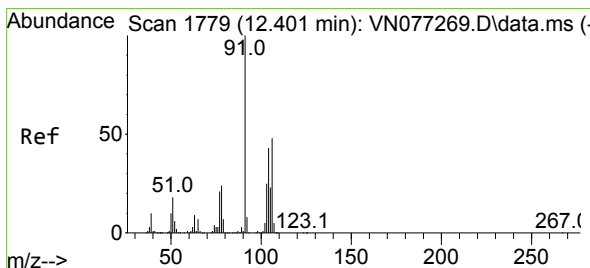
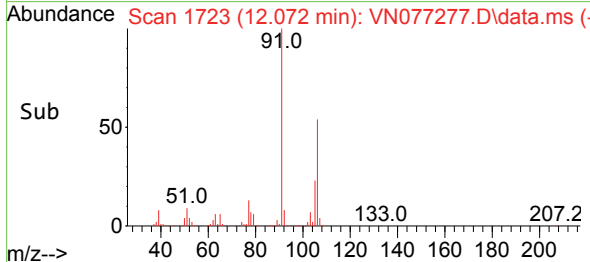
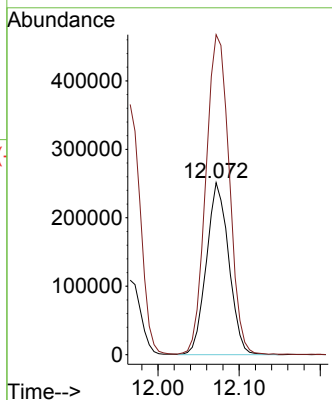
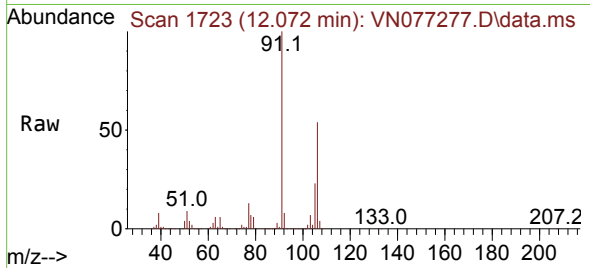




#67
m/p-Xylenes
Concen: 37.167 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN077277.D
Acq: 07 Apr 2023 14:20

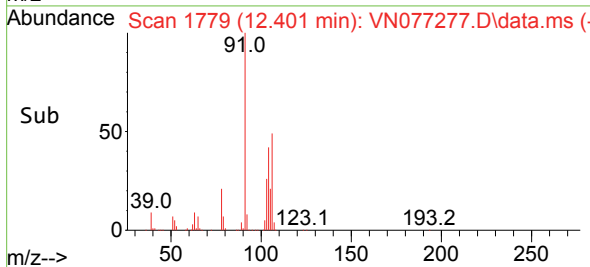
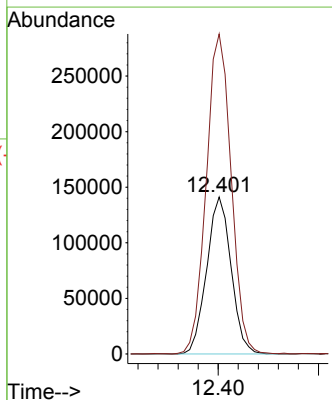
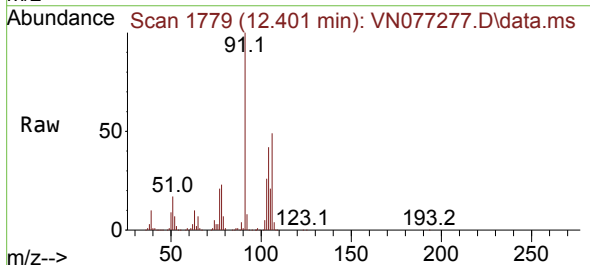
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBSD01

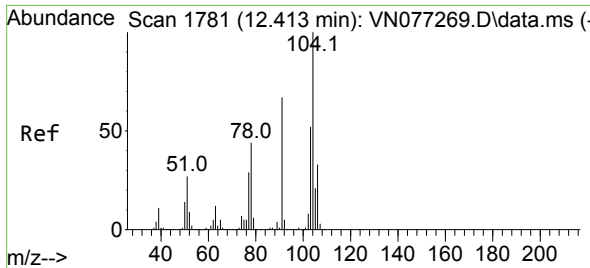
Tgt Ion:106 Resp: 481435
Ion Ratio Lower Upper
106 100
91 194.1 158.0 237.0



#68
o-Xylene
Concen: 18.442 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077277.D
Acq: 07 Apr 2023 14:20

Tgt Ion:106 Resp: 238988
Ion Ratio Lower Upper
106 100
91 207.8 103.6 310.8

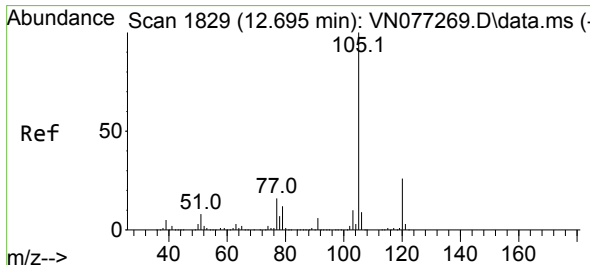
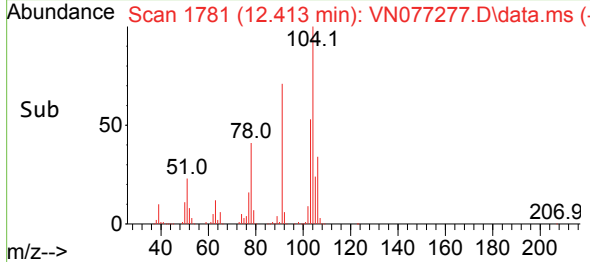
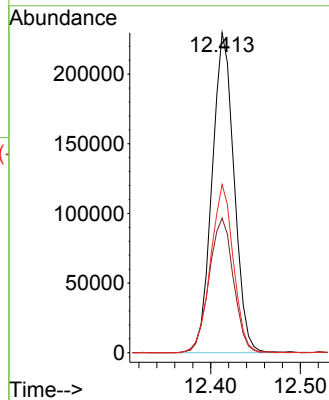
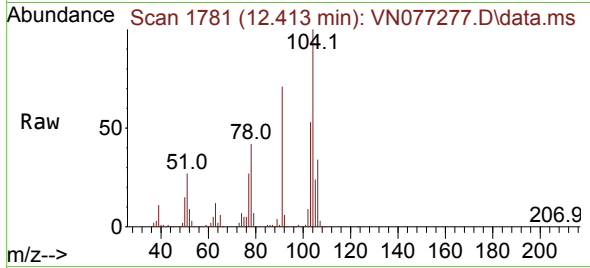




#69
Styrene
Concen: 18.835 ug/l
RT: 12.413 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077277.D
Acq: 07 Apr 2023 14:20

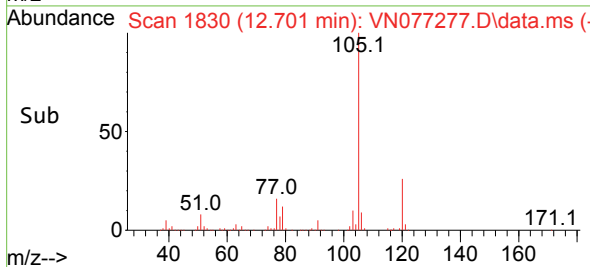
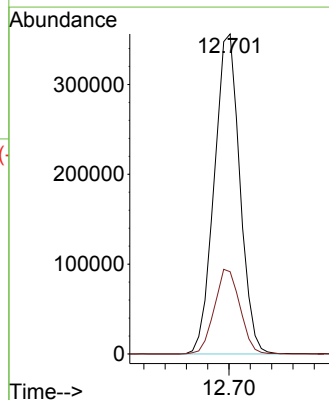
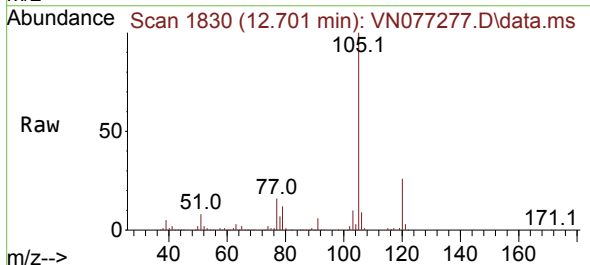
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBSD01

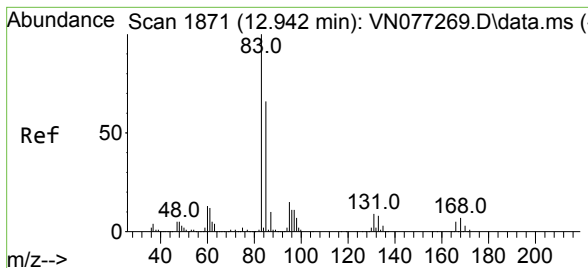
Tgt Ion:104 Resp: 391036
Ion Ratio Lower Upper
104 100
78 46.5 38.2 57.4
103 54.5 43.6 65.4



#70
Isopropylbenzene
Concen: 18.017 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN077277.D
Acq: 07 Apr 2023 14:20

Tgt Ion:105 Resp: 592532
Ion Ratio Lower Upper
105 100
120 26.5 18.3 34.1

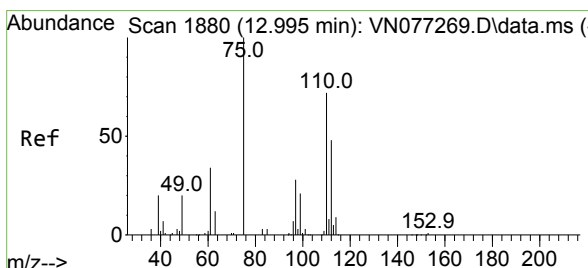
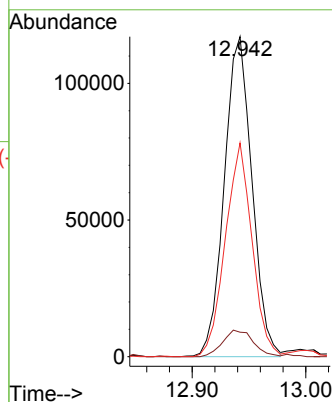
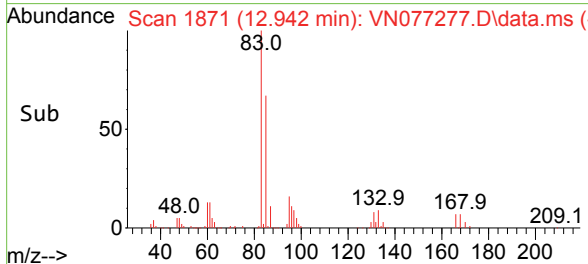
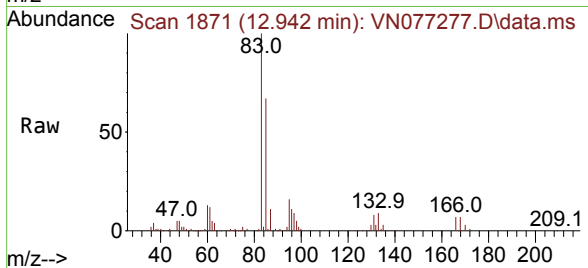




#71
 1,1,2-Tetrachloroethane
 Concen: 19.672 ug/l
 RT: 12.942 min Scan# 1871
 Delta R.T. -0.000 min
 Lab File: VN077277.D
 Acq: 07 Apr 2023 14:20

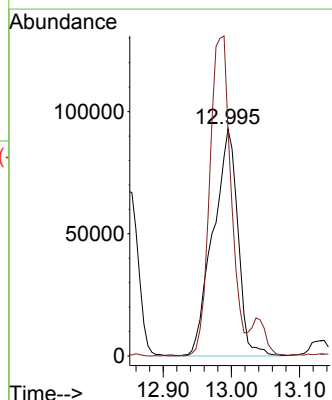
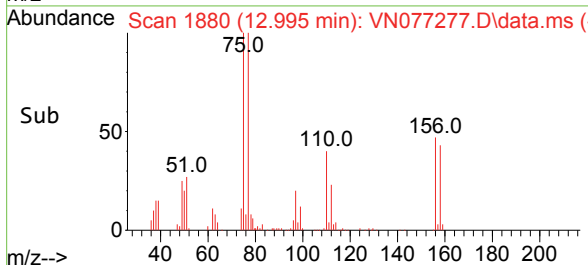
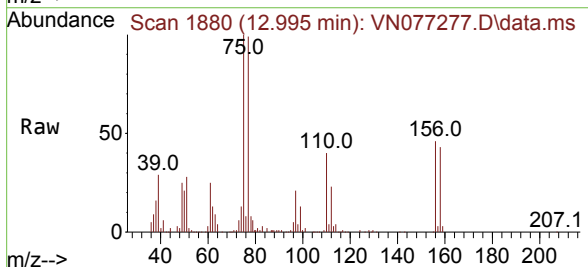
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0407WBSD01

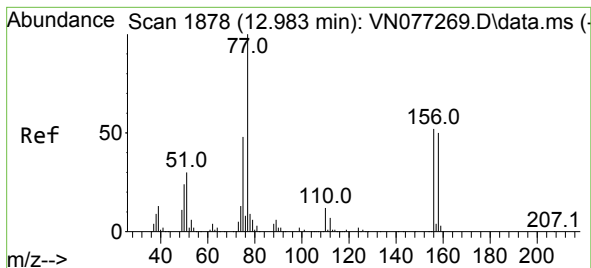
Tgt Ion: 83 Resp: 198123
 Ion Ratio Lower Upper
 83 100
 131 9.2 4.7 14.0
 85 64.5 32.3 96.8



#72
 1,2,3-Trichloropropane
 Concen: 34.384 ug/l
 RT: 12.995 min Scan# 1880
 Delta R.T. -0.000 min
 Lab File: VN077277.D
 Acq: 07 Apr 2023 14:20

Tgt Ion: 75 Resp: 235387
 Ion Ratio Lower Upper
 75 100
 77 119.7 0.0 434.2





#73

Bromobenzene

Concen: 19.013 ug/l

RT: 12.983 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077277.D

Acq: 07 Apr 2023 14:20

Instrument :

MSVOA_N

ClientSampleId :

VN0407WBSD01

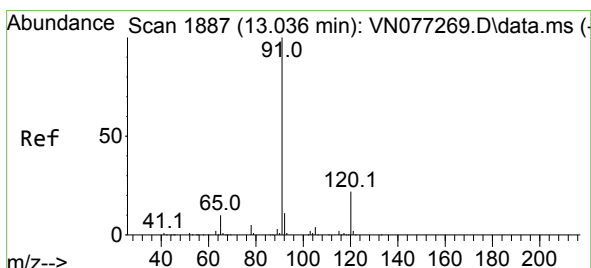
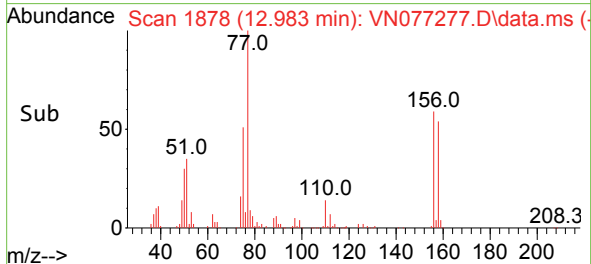
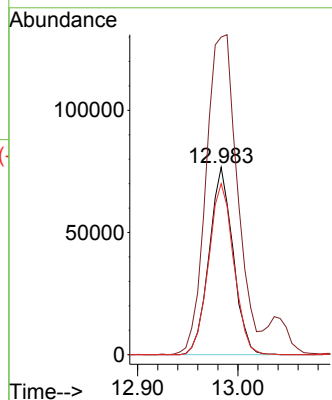
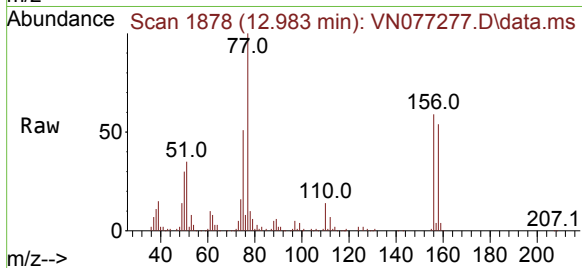
Tgt Ion:156 Resp: 127035

Ion Ratio Lower Upper

156 100

77 221.8 0.0 456.6

158 95.7 0.0 195.6



#74

n-propylbenzene

Concen: 18.106 ug/l

RT: 13.042 min Scan# 1888

Delta R.T. 0.006 min

Lab File: VN077277.D

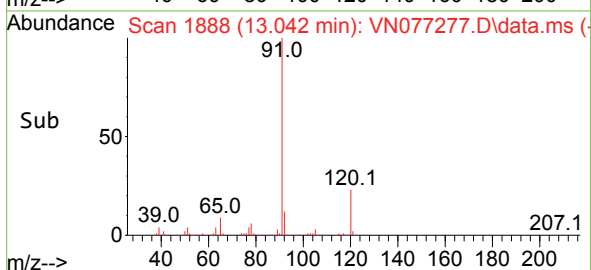
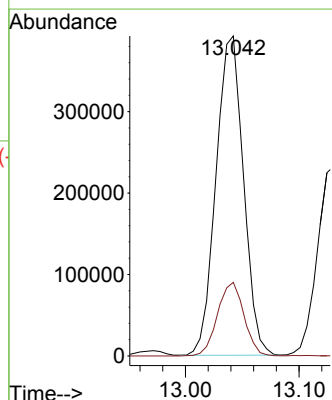
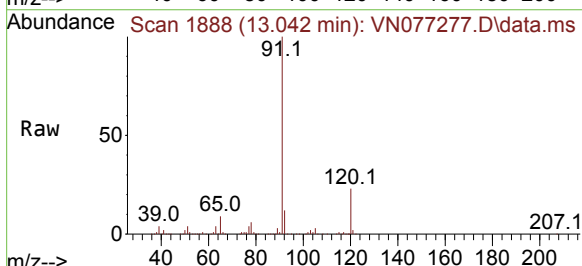
Acq: 07 Apr 2023 14:20

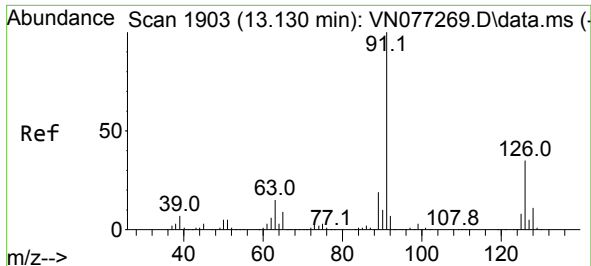
Tgt Ion: 91 Resp: 658818

Ion Ratio Lower Upper

91 100

120 22.2 0.0 45.6

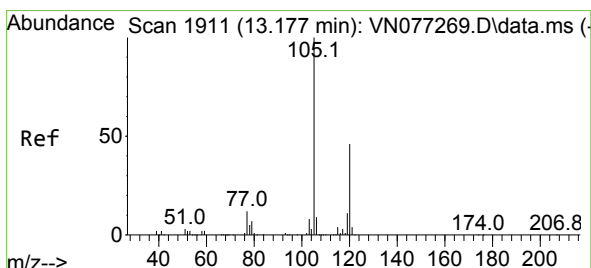
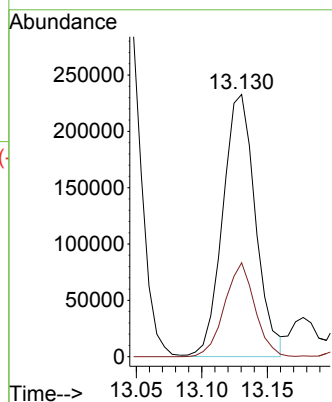
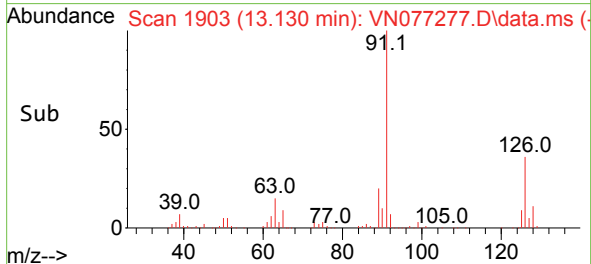
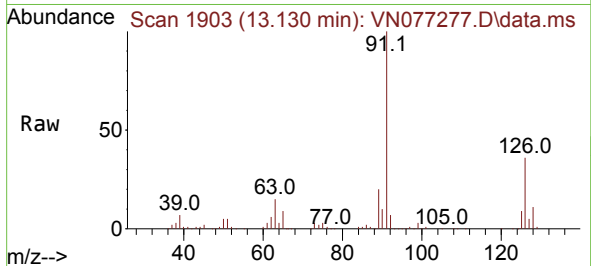




#75
2-Chlorotoluene
Concen: 18.570 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VN077277.D
Acq: 07 Apr 2023 14:20

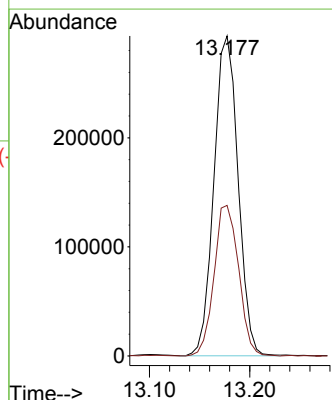
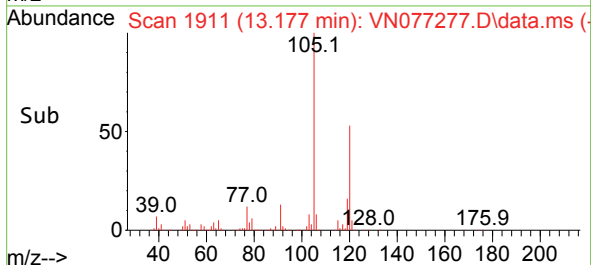
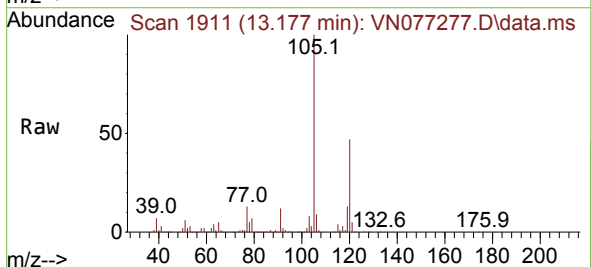
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBSD01

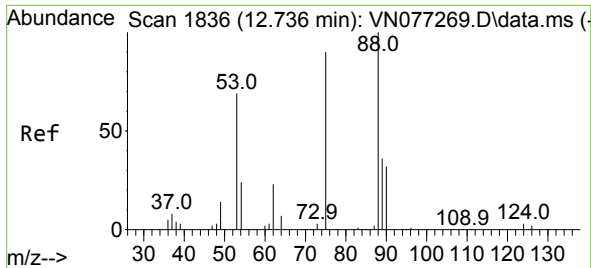
Tgt Ion: 91 Resp: 404803
Ion Ratio Lower Upper
91 100
126 33.0 0.0 67.0



#76
1,3,5-Trimethylbenzene
Concen: 18.308 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VN077277.D
Acq: 07 Apr 2023 14:20

Tgt Ion: 105 Resp: 490052
Ion Ratio Lower Upper
105 100
120 47.9 0.0 94.4

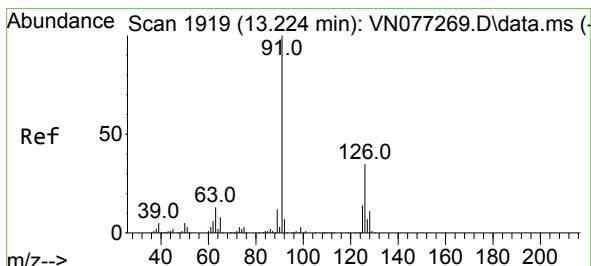
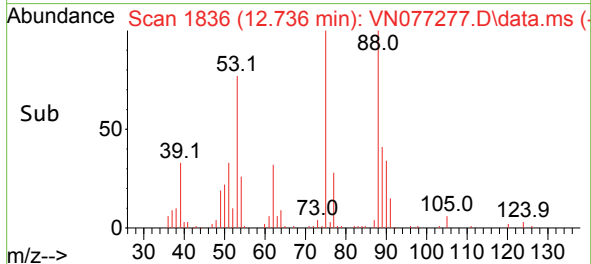
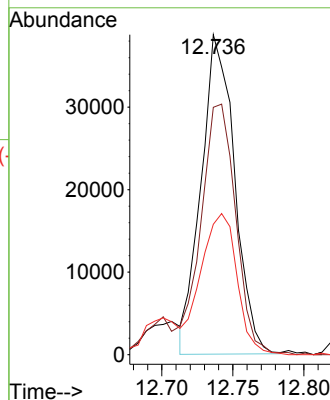
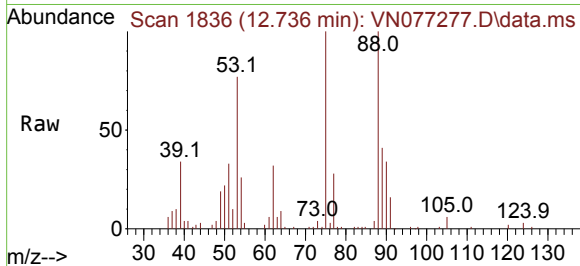




#77
t-1,4-Dichloro-2-butene
Concen: 18.175 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN077277.D
Acq: 07 Apr 2023 14:20

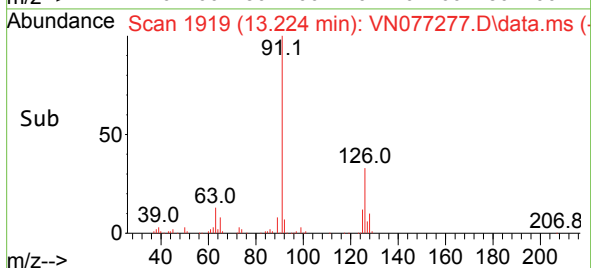
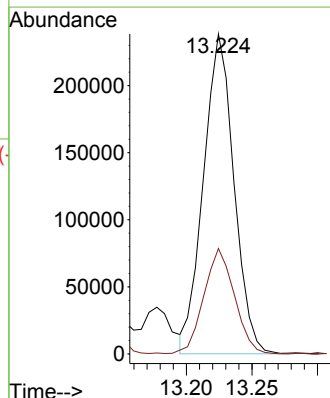
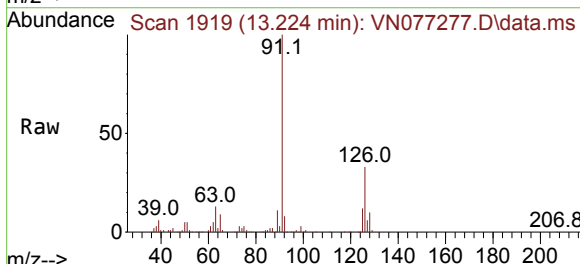
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBSD01

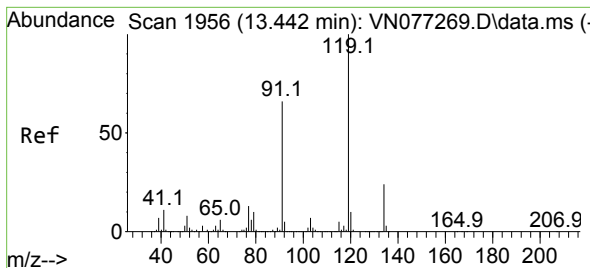
Tgt Ion:	75	Resp:	63376
Ion Ratio	Lower	Upper	
75	100		
53	77.1	38.8	116.4
89	40.6	23.2	69.6



#78
4-Chlorotoluene
Concen: 18.724 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VN077277.D
Acq: 07 Apr 2023 14:20

Tgt Ion:	91	Resp:	385649
Ion Ratio	Lower	Upper	
91	100		
126	33.1	0.0	67.4

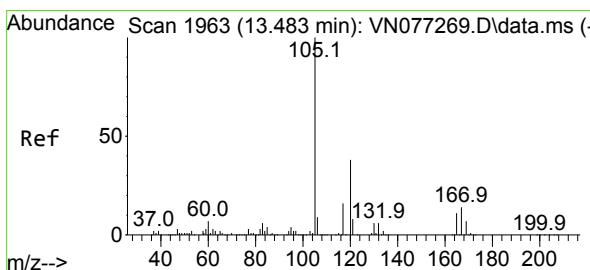
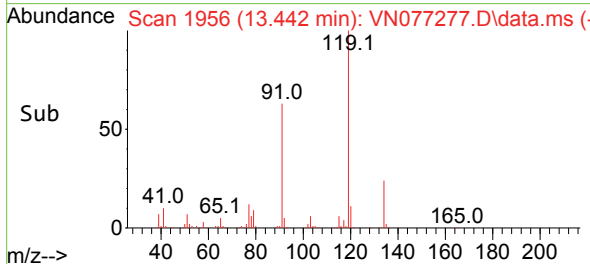
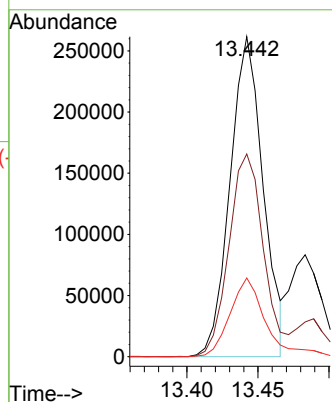
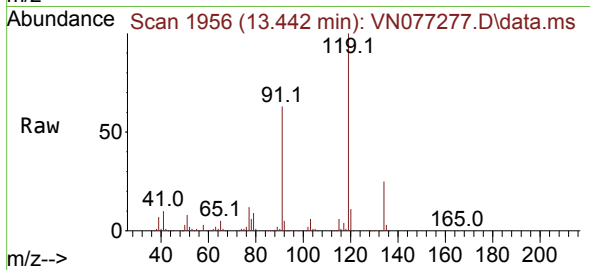




#79
tert-butylbenzene
Concen: 18.210 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077277.D
Acq: 07 Apr 2023 14:20

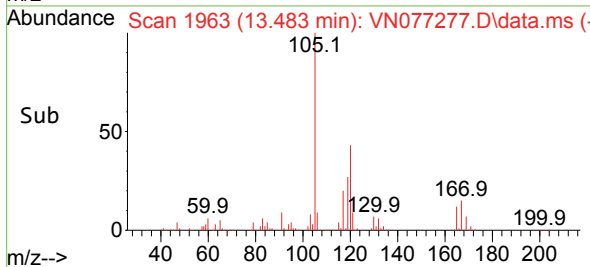
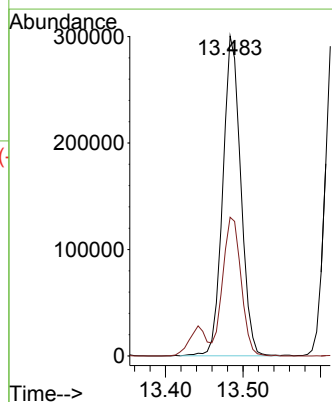
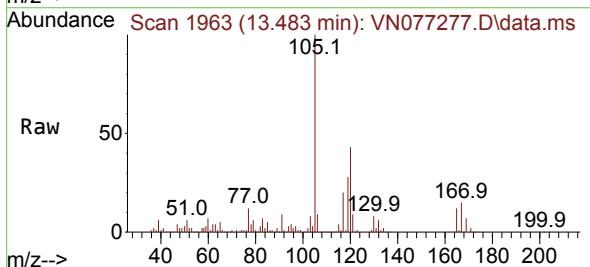
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBSD01

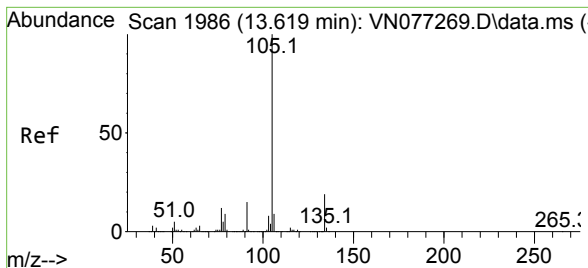
Tgt Ion:119 Resp: 424206
Ion Ratio Lower Upper
119 100
91 66.5 0.0 131.0
134 26.5 0.0 49.8



#80
1,2,4-Trimethylbenzene
Concen: 18.542 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VN077277.D
Acq: 07 Apr 2023 14:20

Tgt Ion:105 Resp: 483810
Ion Ratio Lower Upper
105 100
120 44.2 0.0 91.0

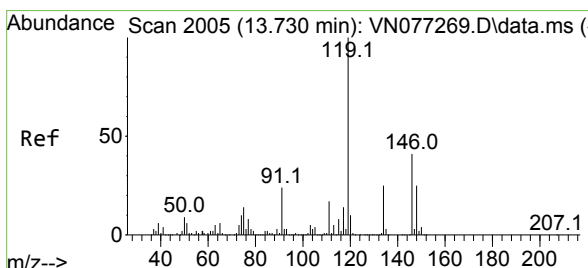
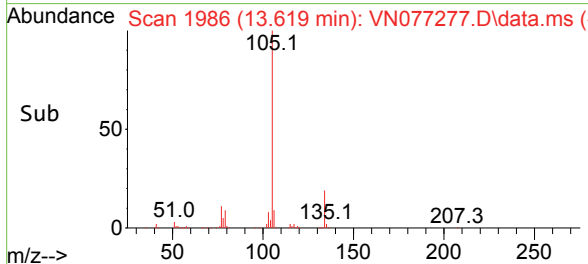
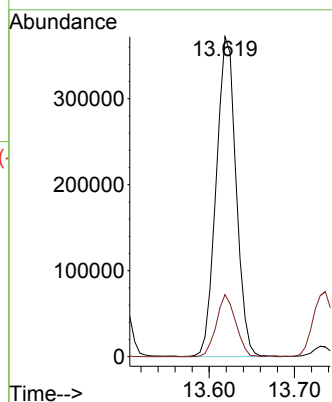
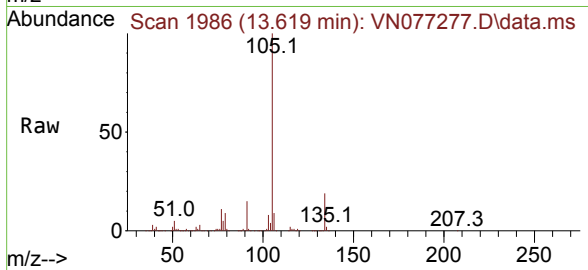




#81
 sec-Butylbenzene
 Concen: 18.143 ug/l
 RT: 13.619 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN077277.D
 Acq: 07 Apr 2023 14:20

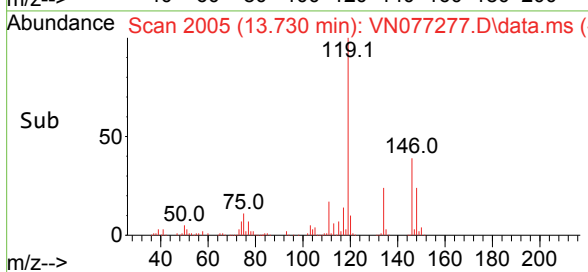
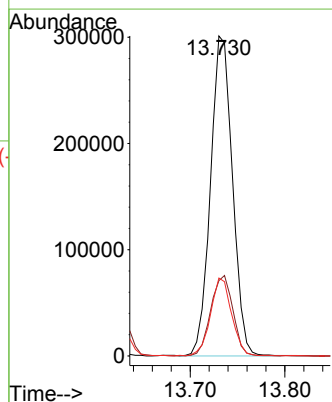
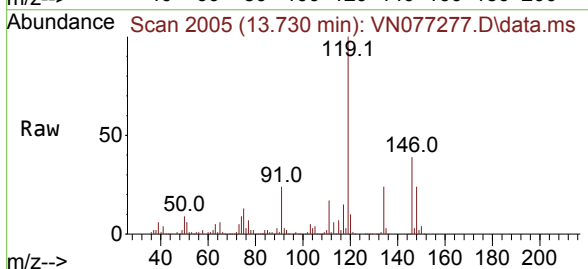
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0407WBSD01

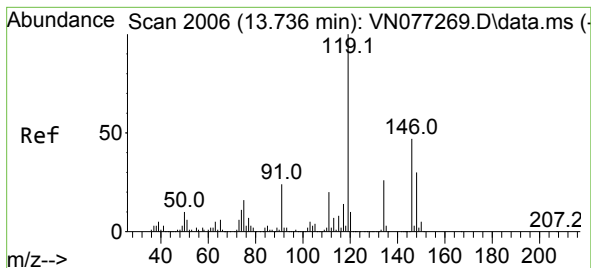
Tgt Ion:105 Resp: 603602
 Ion Ratio Lower Upper
 105 100
 134 18.8 0.0 38.6



#82
 p-Isopropyltoluene
 Concen: 18.254 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. -0.000 min
 Lab File: VN077277.D
 Acq: 07 Apr 2023 14:20

Tgt Ion:119 Resp: 486547
 Ion Ratio Lower Upper
 119 100
 134 25.3 0.0 51.0
 91 23.4 0.0 48.0





#83

1,3-Dichlorobenzene

Concen: 18.323 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VN077277.D

Acq: 07 Apr 2023 14:20

Instrument :

MSVOA_N

ClientSampleId :

VN0407WBSD01

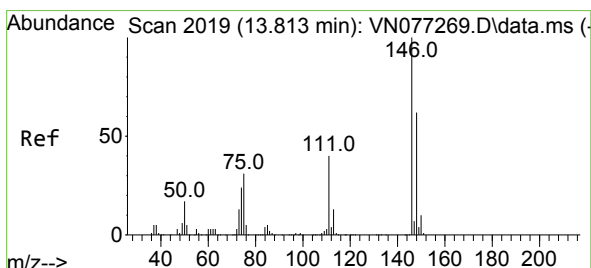
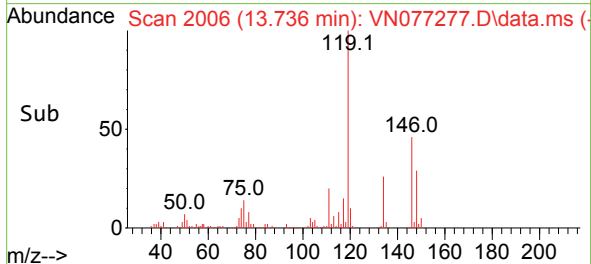
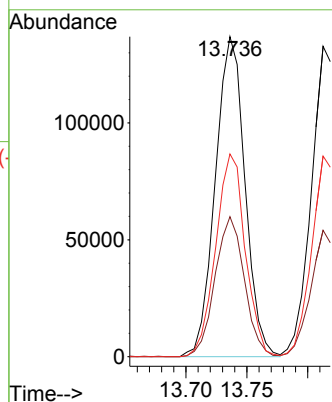
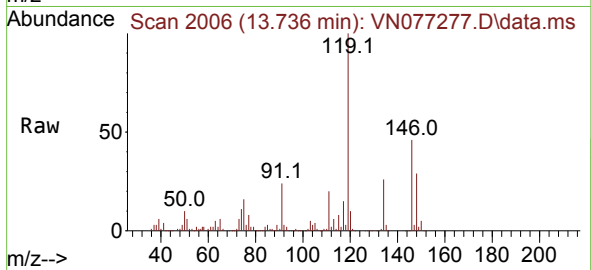
Tgt Ion:146 Resp: 232127

Ion Ratio Lower Upper

146 100

111 43.3 21.4 64.2

148 63.2 31.9 95.5



#84

1,4-Dichlorobenzene

Concen: 18.223 ug/l

RT: 13.813 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VN077277.D

Acq: 07 Apr 2023 14:20

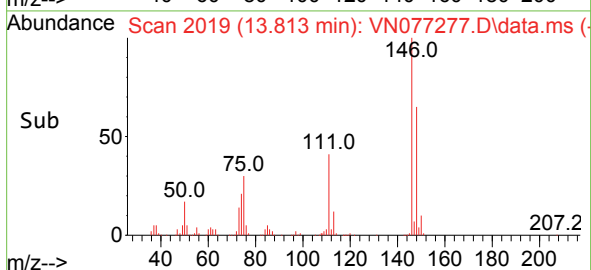
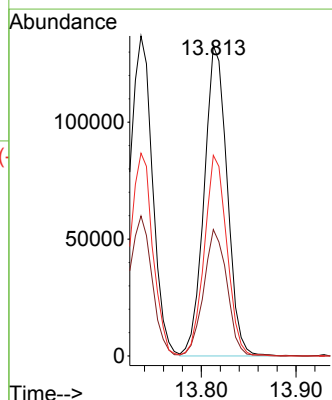
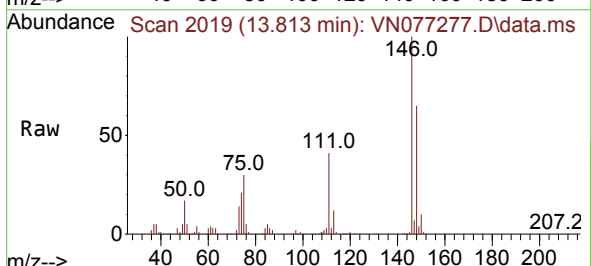
Tgt Ion:146 Resp: 223983

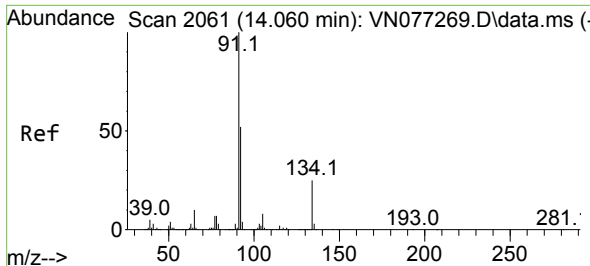
Ion Ratio Lower Upper

146 100

111 41.2 20.3 61.0

148 63.2 31.6 94.7

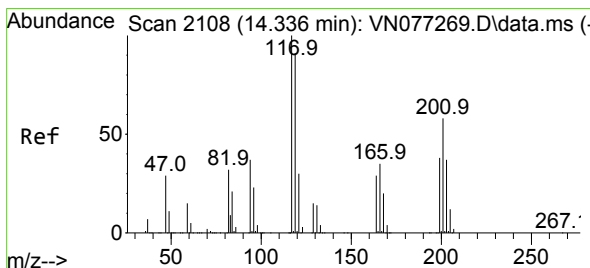
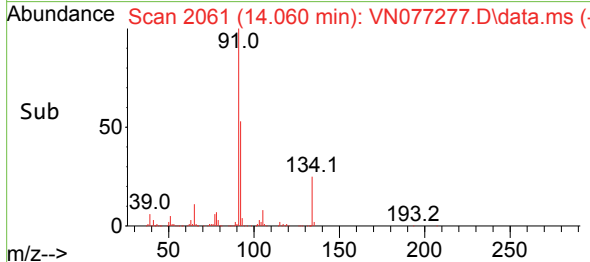
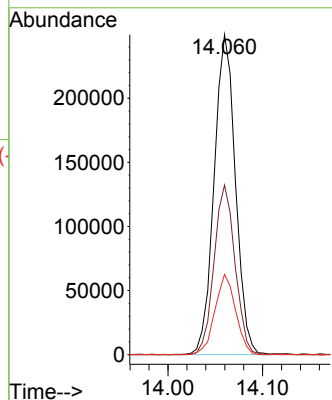
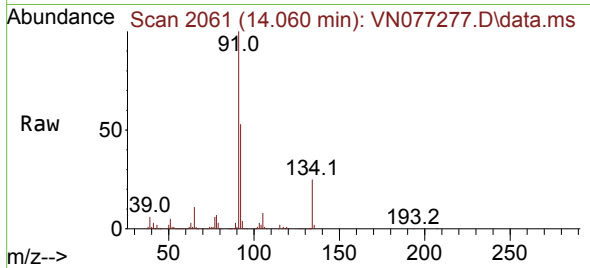




#85
n-Butylbenzene
Concen: 17.751 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077277.D
Acq: 07 Apr 2023 14:20

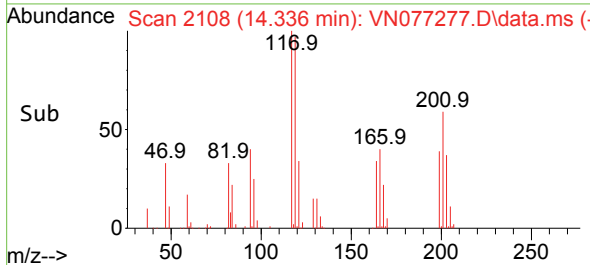
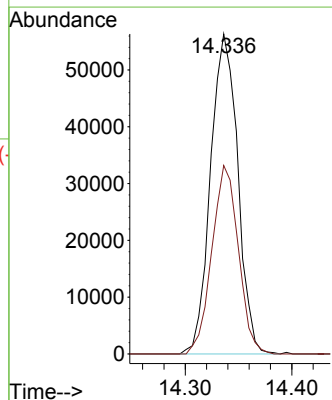
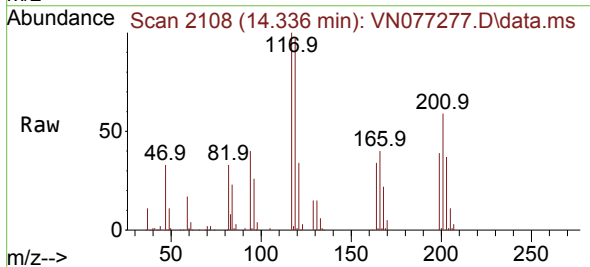
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBSD01

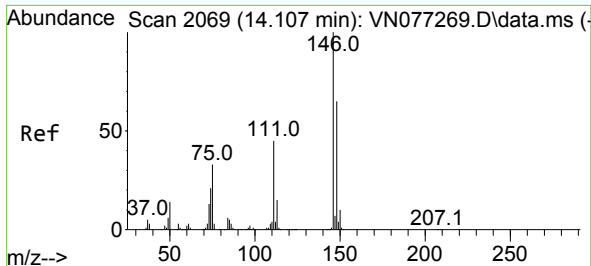
Tgt Ion: 91 Resp: 390977
Ion Ratio Lower Upper
91 100
92 52.0 0.0 105.6
134 24.4 0.0 49.4



#86
Hexachloroethane
Concen: 17.607 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VN077277.D
Acq: 07 Apr 2023 14:20

Tgt Ion: 117 Resp: 99830
Ion Ratio Lower Upper
117 100
201 57.4 29.1 87.4

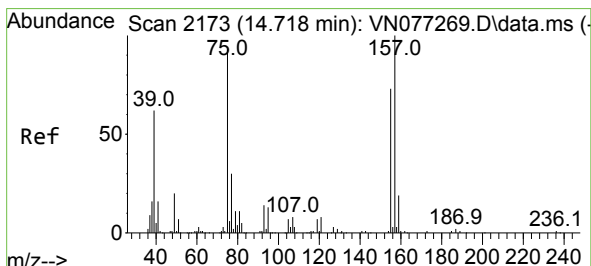
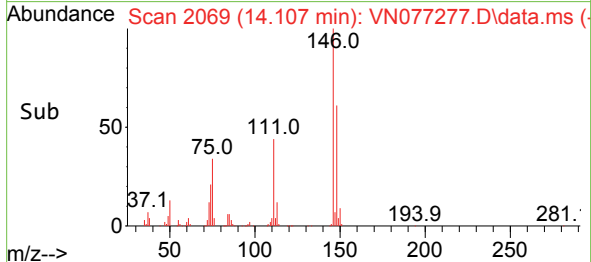
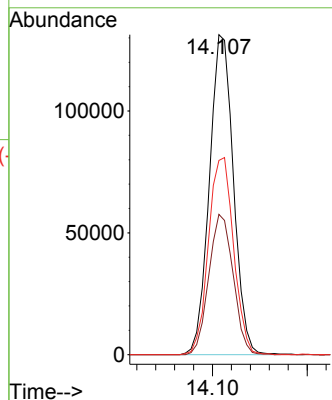
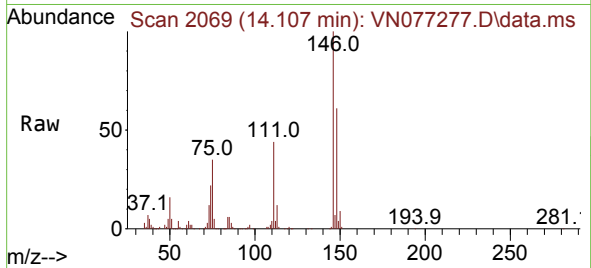




#87
 1,2-Dichlorobenzene
 Concen: 18.657 ug/l
 RT: 14.107 min Scan# 2069
 Delta R.T. -0.000 min
 Lab File: VN077277.D
 Acq: 07 Apr 2023 14:20

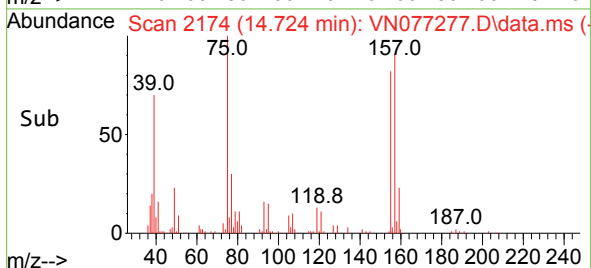
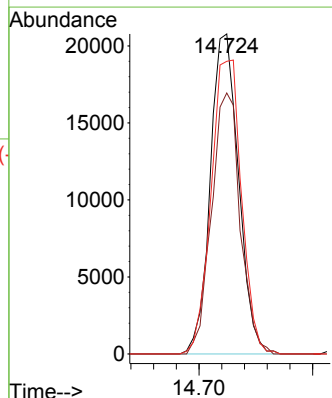
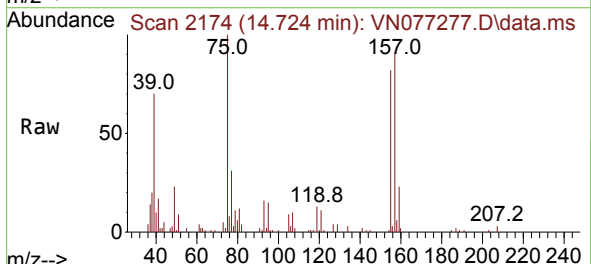
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0407WBSD01

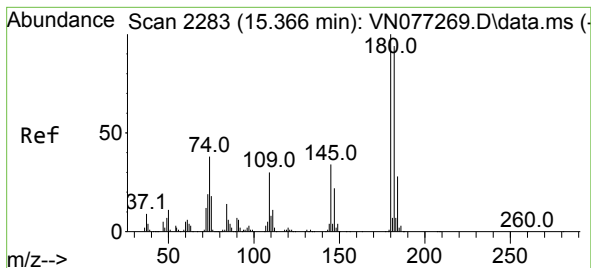
Tgt Ion:146 Resp: 231597
 Ion Ratio Lower Upper
 146 100
 111 44.3 22.1 66.5
 148 64.4 31.9 95.7



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.610 ug/l
 RT: 14.724 min Scan# 2174
 Delta R.T. 0.006 min
 Lab File: VN077277.D
 Acq: 07 Apr 2023 14:20

Tgt Ion: 75 Resp: 35916
 Ion Ratio Lower Upper
 75 100
 155 82.9 67.8 101.6
 157 98.8 86.3 129.5





#89

1,2,4-Trichlorobenzene

Concen: 17.169 ug/l

RT: 15.371 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN077277.D

Acq: 07 Apr 2023 14:20

Instrument :

MSVOA_N

ClientSampleId :

VN0407WBSD01

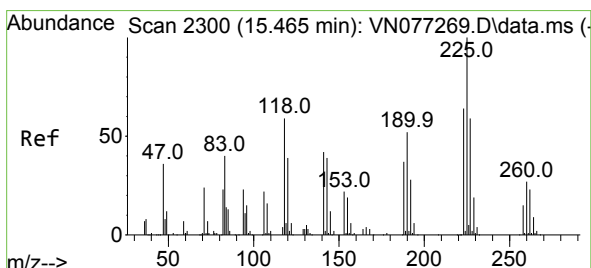
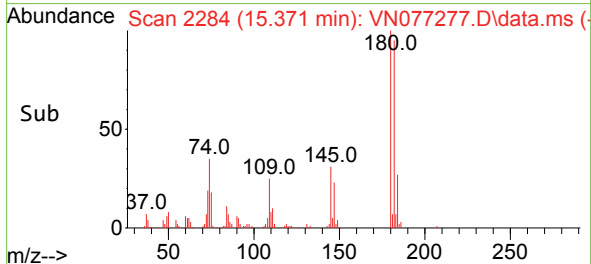
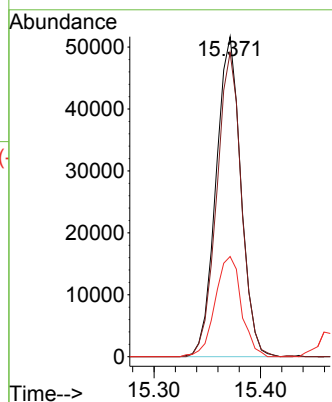
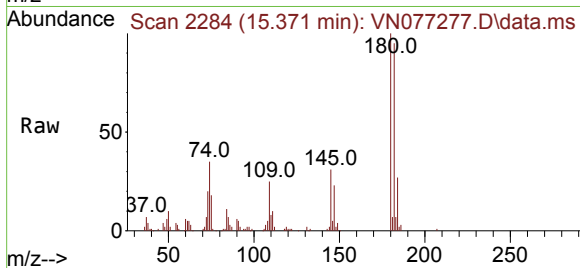
Tgt Ion:180 Resp: 83832

Ion Ratio Lower Upper

180 100

182 94.0 75.6 113.4

145 33.0 26.7 40.1



#90

Hexachlorobutadiene

Concen: 18.823 ug/l

RT: 15.465 min Scan# 2300

Delta R.T. -0.000 min

Lab File: VN077277.D

Acq: 07 Apr 2023 14:20

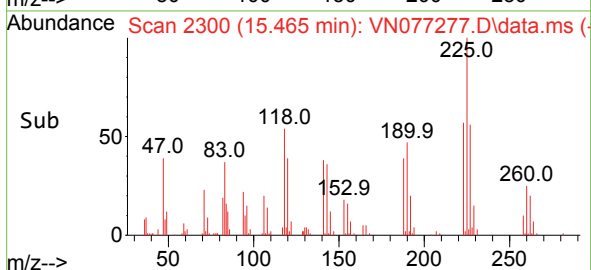
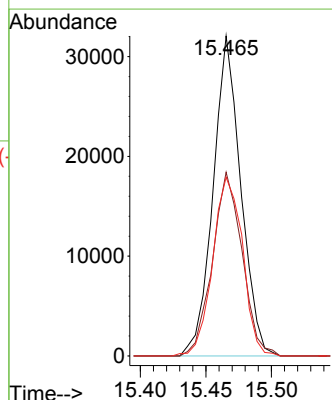
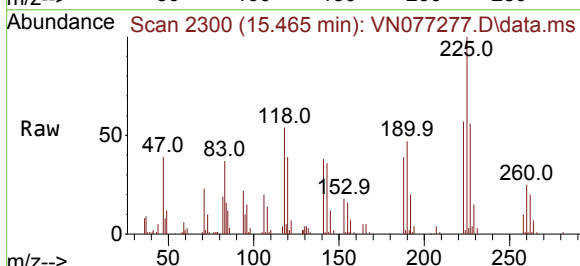
Tgt Ion:225 Resp: 47137

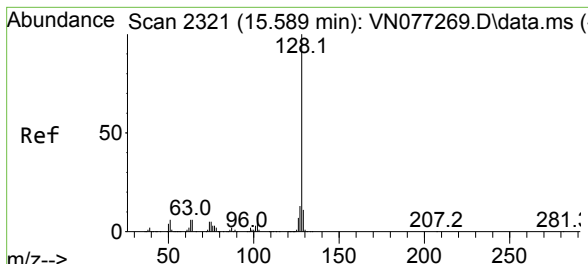
Ion Ratio Lower Upper

225 100

223 61.4 0.0 126.0

227 60.2 0.0 127.2



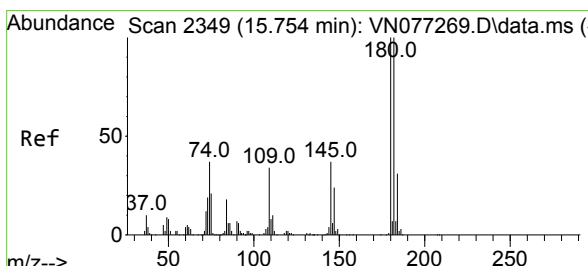
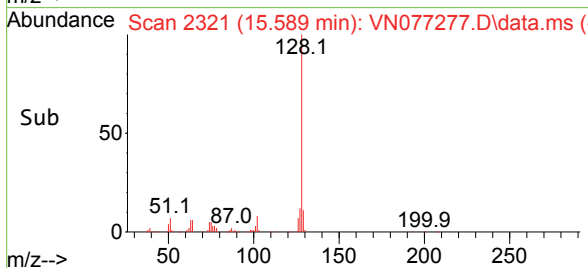
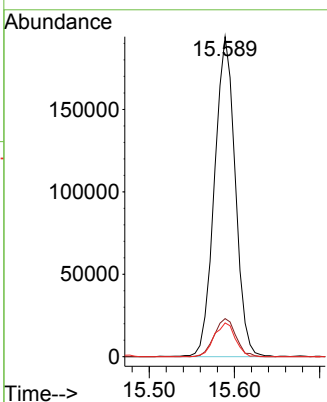
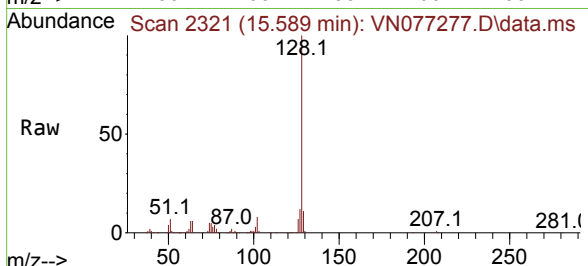


#91
Naphthalene
Concen: 17.626 ug/l
RT: 15.589 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN077277.D
Acq: 07 Apr 2023 14:20

Instrument :
MSVOA_N
ClientSampleId :
VN0407WBSD01

Tgt Ion:128 Resp: 328781

Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.2	15.2
129	10.8	8.9	13.3



#92
1,2,3-Trichlorobenzene
Concen: 16.602 ug/l
RT: 15.760 min Scan# 2350
Delta R.T. 0.006 min
Lab File: VN077277.D
Acq: 07 Apr 2023 14:20

Tgt Ion:180 Resp: 79097

Ion	Ratio	Lower	Upper
180	100		
182	93.5	0.0	190.4
145	35.5	0.0	72.4

