

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032723\
 Data File : VN077202.D
 Acq On : 27 Mar 2023 14:59
 Operator : JC\MD
 Sample : VSTDC0020
 Misc : 5.1mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0020EC

Quant Time: Mar 28 06:44:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 24 05:55:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.819	128	43909	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	295306	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	321838	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	127991	28.702	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	95.667%
60) 4-Bromofluorobenzene	12.848	95	171987	29.747	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	99.167%
63) Toluene-d8	10.572	98	348528	30.337	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.133%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	76691	26.526	ug/l	94
3) Chloromethane	2.372	50	118191	25.688	ug/l	97
4) Vinyl Chloride	2.525	62	126731	19.536	ug/l	95
5) Bromomethane	2.966	94	81272	17.868	ug/l	90
6) Chloroethane	3.131	64	99369	18.375	ug/l	95
7) Trichlorofluoromethane	3.513	101	220690	23.633	ug/l	95
8) Diethyl Ether	3.978	74	60262	18.392	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.384	101	95583	19.575	ug/l	80
10) 1,1-Dichloroethene	4.354	96	85624	18.740	ug/l	95
11) Methyl Iodide	4.607	142	98207	20.182	ug/l	89
12) Methyl Acetate	5.037	43	174417	17.703	ug/l	99
13) Acrolein	4.190	56	116951	87.593	ug/l	97
14) Acrylonitrile	5.737	53	267574	89.531	ug/l	98
15) Acetone	4.443	58	70325	89.994	ug/l	99
16) Carbon Disulfide	4.725	76	233256	18.077	ug/l #	95
17) Allyl chloride	5.037	41	143046	17.801	ug/l	92
18) Methylene Chloride	5.290	84	106036	18.884	ug/l	95
19) trans-1,2-Dichloroethene	5.795	96	91880	18.771	ug/l	98
20) Diisopropyl ether	6.684	45	334094	18.353	ug/l	92
21) 1,1-Dichloroethane	6.578	63	189422	18.483	ug/l	97
22) cis-1,2-Dichloroethene	7.489	96	110555	19.129	ug/l	99
23) tert-Butyl Alcohol	5.537	59	80268	79.127	ug/l	100
24) Methyl tert-Butyl Ether	5.807	73	305179	18.813	ug/l	99
25) Chloroform	7.972	83	190695	19.017	ug/l	94
26) Cyclohexane	8.266	56	164902	19.077	ug/l #	99
29) 1,1-Dichloropropene	8.378	75	138792	19.374	ug/l	98
30) 2-Butanone	7.489	43	378175	91.507	ug/l	98
31) 2,2-Dichloropropane	7.501	77	147187	21.933	ug/l #	66
32) 1,1,1-Trichloroethane	8.172	97	166043	19.224	ug/l	98
33) Carbon Tetrachloride	8.366	117	143212	19.737	ug/l	95
34) Benzene	8.613	78	415630	18.928	ug/l #	95
35) Methacrylonitrile	7.789	41	82045	18.085	ug/l	96
36) 1,2-Dichloroethane	8.678	62	151731	18.743	ug/l	97
37) Trichloroethene	9.354	130	94298	18.995	ug/l	93
38) Methylcyclohexane	9.607	83	162208	19.021	ug/l	95
39) 1,2-Dichloropropane	9.630	63	110218	18.749	ug/l	92
40) Dibromomethane	9.713	93	72982	19.414	ug/l	97
41) Bromodichloromethane	9.889	83	150615	19.675	ug/l	95
42) Vinyl Acetate	6.613	43	1131852	91.371	ug/l	99

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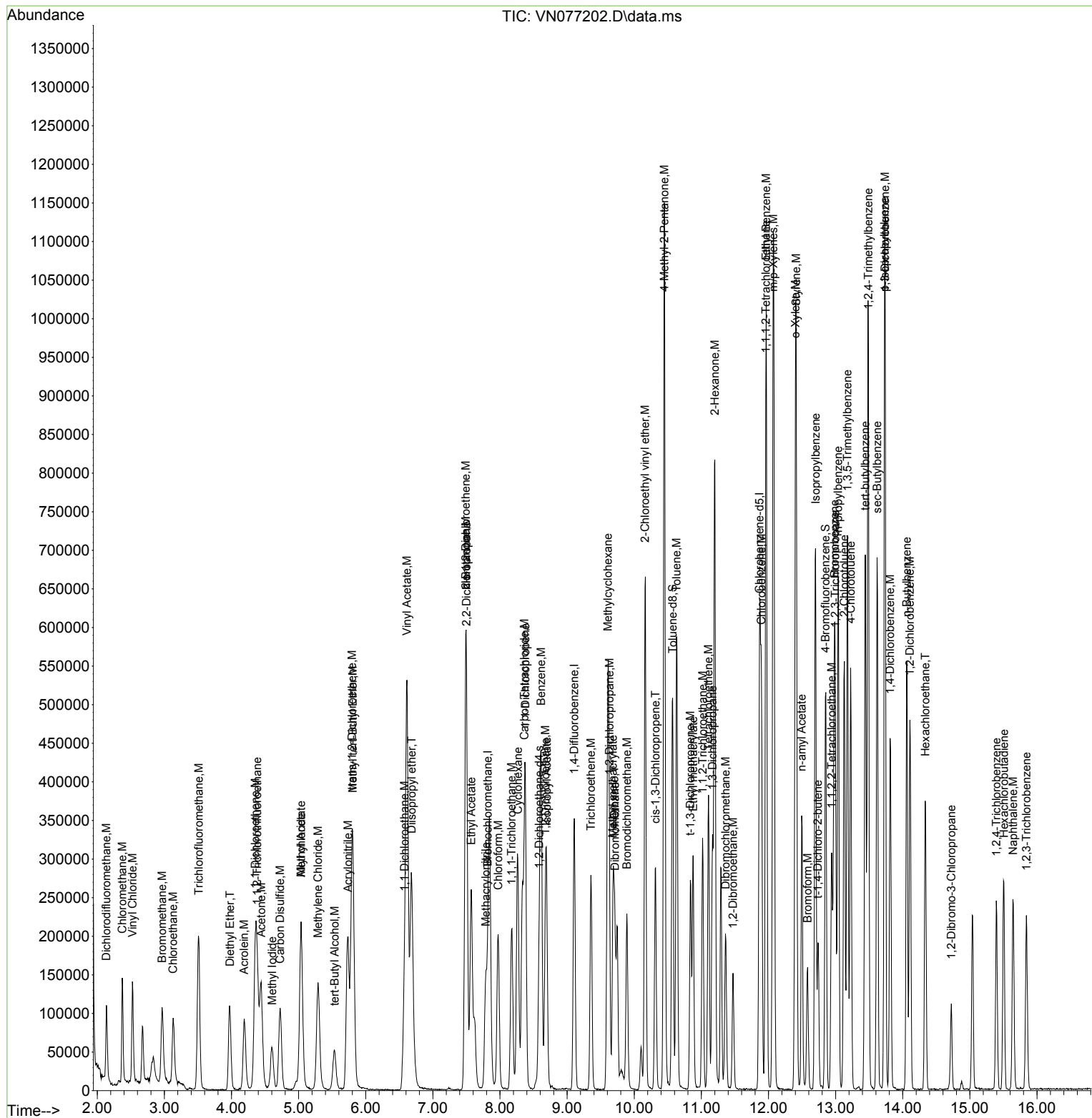
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.572	43	152039	18.415	ug/l	95
44) Isopropyl Acetate	8.695	43	239203	17.953	ug/l	99
45) 1,4-Dioxane	9.701	88	38838	358.492	ug/l	92
46) Methyl methacrylate	9.683	41	112533	18.319	ug/l	98
47) n-amyl Acetate	12.495	43	187361	16.715	ug/l	94
48) t-1,3-Dichloropropene	10.836	75	146357	18.823	ug/l	99
49) cis-1,3-Dichloropropene	10.319	75	163548	19.213	ug/l	96
50) 1,1,2-Trichloroethane	11.019	97	101242	19.185	ug/l	94
51) Ethyl methacrylate	10.877	69	149632	18.365	ug/l	95
52) 1,3-Dichloropropane	11.166	76	177327	18.931	ug/l	100
53) Dibromochloromethane	11.360	129	104725	19.167	ug/l	97
54) 1,2-Dibromoethane	11.471	107	95979	18.483	ug/l	97
55) 2-Chloroethyl vinyl ether	10.160	63	289255	84.912	ug/l	99
56) Bromoform	12.583	173	68469	17.859	ug/l	96
58) 4-Methyl-2-Pentanone	10.448	43	762427	91.788	ug/l	98
59) 2-Hexanone	11.201	43	546108	90.170	ug/l	100
61) Tetrachloroethene	11.107	164	83247	20.609	ug/l	95
62) Toluene	10.630	91	443583	19.611	ug/l	100
64) Chlorobenzene	11.895	112	262076	19.584	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.960	131	95090	19.348	ug/l	98
66) Ethyl Benzene	11.966	91	473793	19.494	ug/l	99
67) m/p-Xylenes	12.071	106	365395	39.066	ug/l	94
68) o-Xylene	12.401	106	174994	19.109	ug/l	96
69) Styrene	12.413	104	281017	18.897	ug/l	98
70) Isopropylbenzene	12.701	105	465110	19.586	ug/l	96
71) 1,1,2,2-Tetrachloroethane	12.942	83	150716	19.389	ug/l	100
72) 1,2,3-Trichloropropane	12.995	75	179528	26.093	ug/l	71
73) Bromobenzene	12.983	156	101725	19.161	ug/l	92
74) n-propylbenzene	13.036	91	535489	19.478	ug/l	100
75) 2-Chlorotoluene	13.130	91	325494	19.636	ug/l	98
76) 1,3,5-Trimethylbenzene	13.177	105	392951	19.935	ug/l	97
77) t-1,4-Dichloro-2-butene	12.736	75	41376	18.865	ug/l	92
78) 4-Chlorotoluene	13.224	91	308960	19.376	ug/l	95
79) tert-butylbenzene	13.442	119	323848	19.231	ug/l	95
80) 1,2,4-Trimethylbenzene	13.489	105	387169	19.792	ug/l	97
81) sec-Butylbenzene	13.618	105	467934	19.245	ug/l	100
82) p-Isopropyltoluene	13.730	119	383094	19.655	ug/l	98
83) 1,3-Dichlorobenzene	13.736	146	194156	19.751	ug/l	98
84) 1,4-Dichlorobenzene	13.813	146	185676	19.389	ug/l	97
85) n-Butylbenzene	14.060	91	304235	18.467	ug/l	99
86) Hexachloroethane	14.336	117	69449	18.685	ug/l	92
87) 1,2-Dichlorobenzene	14.107	146	193878	19.722	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.724	75	26736	17.926	ug/l	99
89) 1,2,4-Trichlorobenzene	15.395	180	76530	17.451	ug/l	97
90) Hexachlorobutadiene	15.507	225	49617	20.056	ug/l	98
91) Naphthalene	15.642	128	222516	15.463	ug/l	98
92) 1,2,3-Trichlorobenzene	15.842	180	77171	17.722	ug/l	96

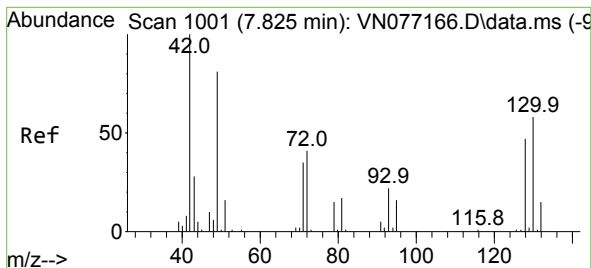
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.819 min Scan# 10

Delta R.T. -0.006 min

Lab File: VN077202.D

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Instrument :

MSVOA_N

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VSTDCCC020EC

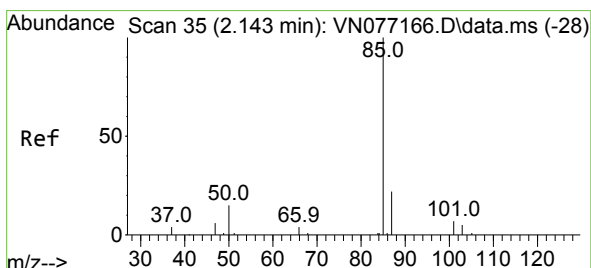
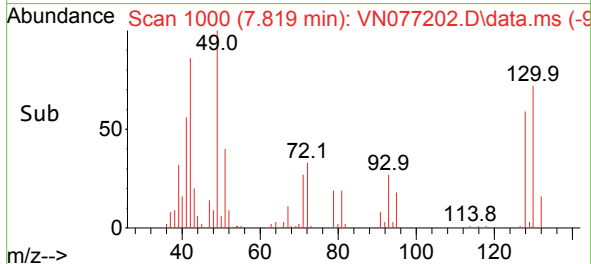
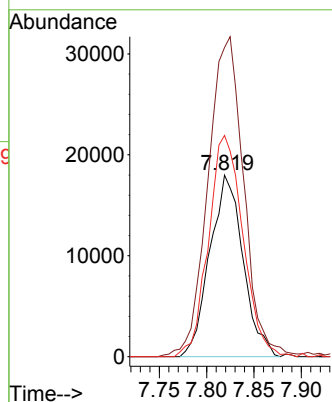
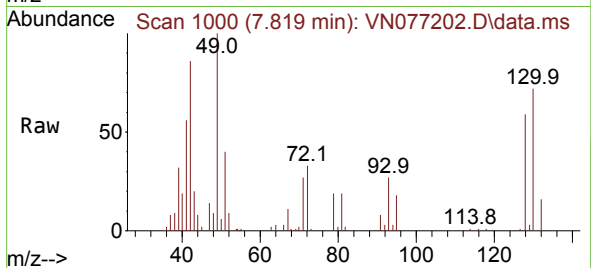
Tgt Ion:128 Resp: 43909

Ion Ratio Lower Upper

128 100

49 189.2 0.0 461.8

130 126.1 0.0 295.3



#2

Dichlorodifluoromethane

Concen: 26.526 ug/l

RT: 2.137 min Scan# 34

Delta R.T. -0.006 min

Lab File: VN077202.D

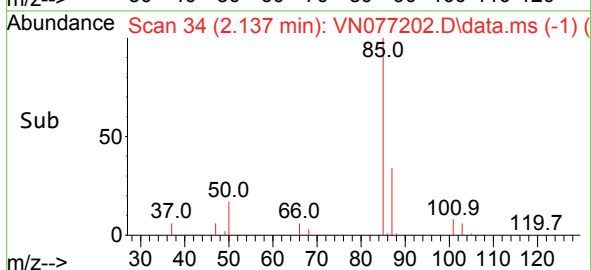
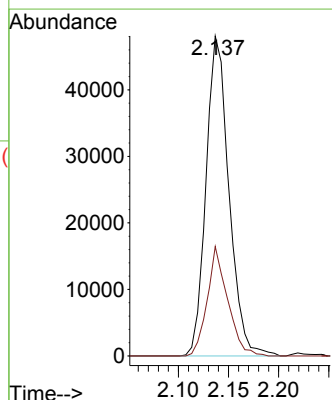
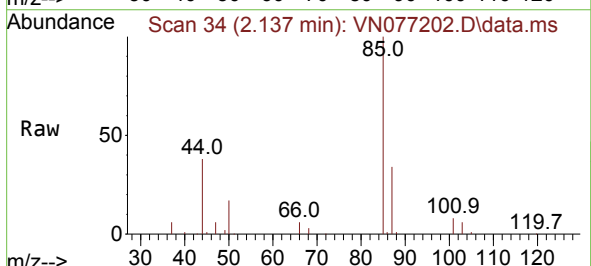
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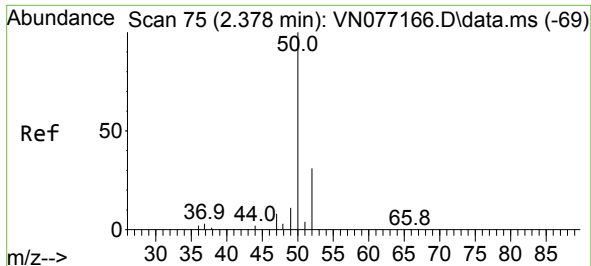
Tgt Ion: 85 Resp: 76691

Ion Ratio Lower Upper

85 100

87 34.2 15.4 46.1

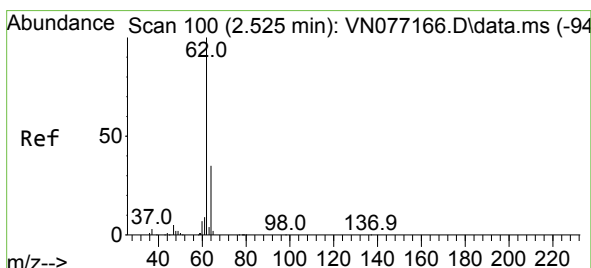
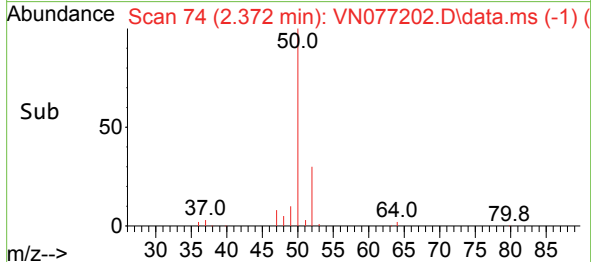
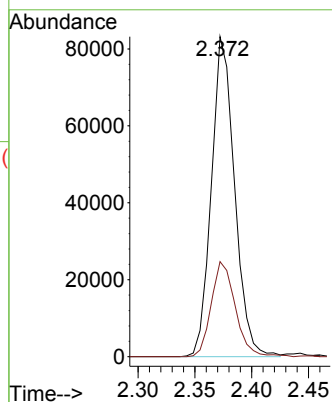
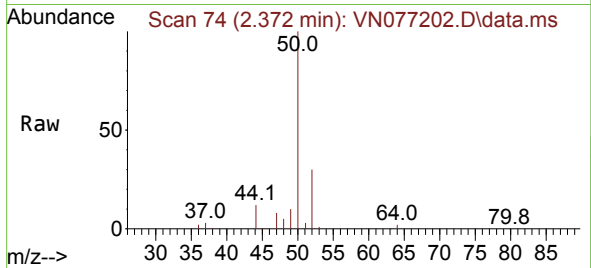




#3
Chloromethane
Concen: 25.688 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.006 min
Lab File: VN077202.D
Acq: 27 Mar 2023 14:59

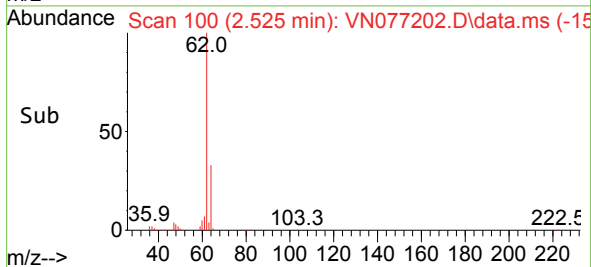
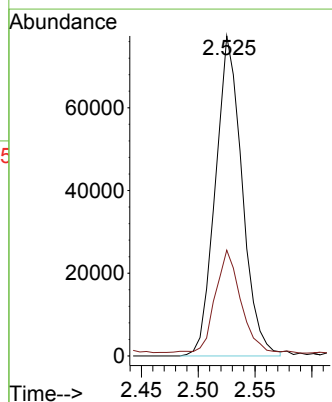
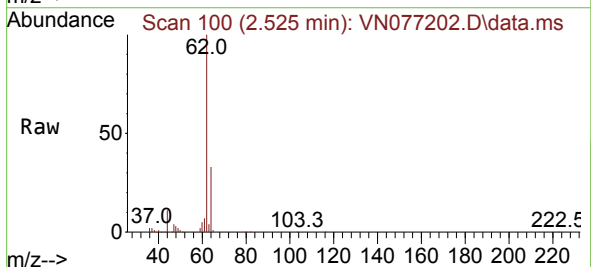
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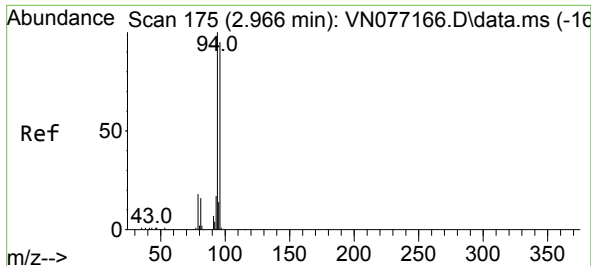
Tgt Ion: 50 Resp: 118191
Ion Ratio Lower Upper
50 100
52 29.7 25.3 37.9



#4
Vinyl Chloride
Concen: 19.536 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN077202.D
Acq: 27 Mar 2023 14:59

Tgt Ion: 62 Resp: 126731
Ion Ratio Lower Upper
62 100
64 31.7 23.1 34.7

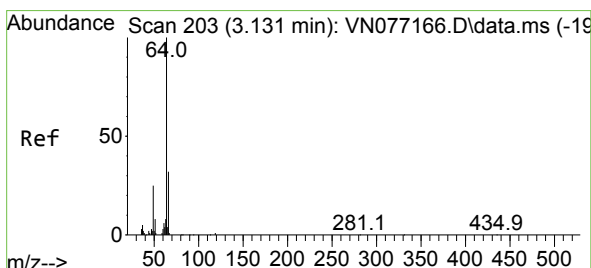
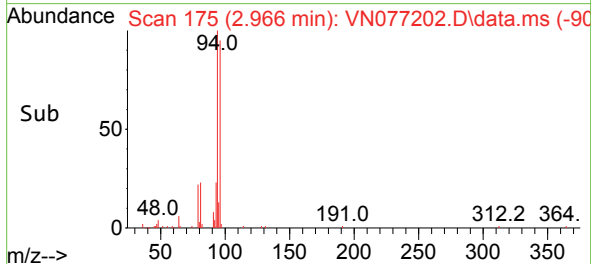
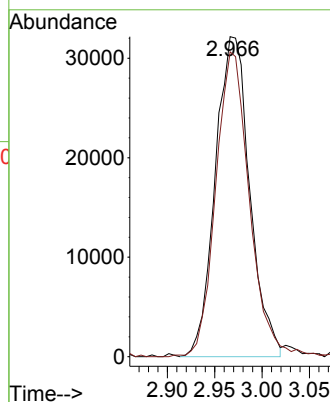
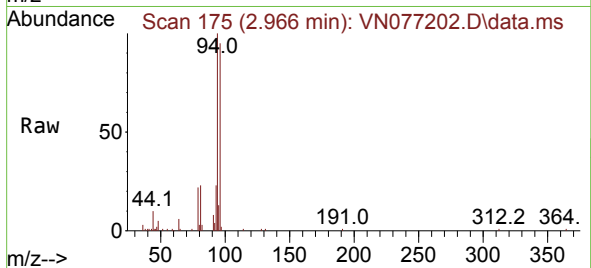




#5
Bromomethane
Concen: 17.868 ug/l
RT: 2.966 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077202.D
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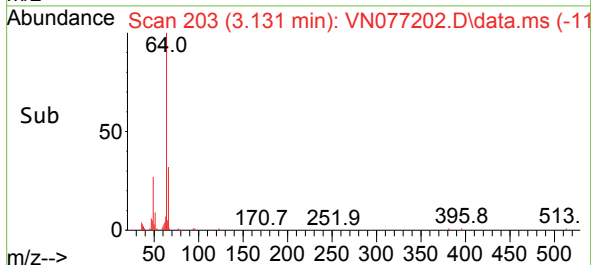
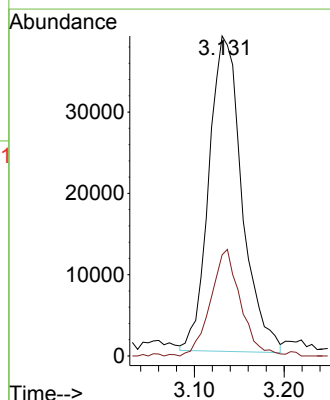
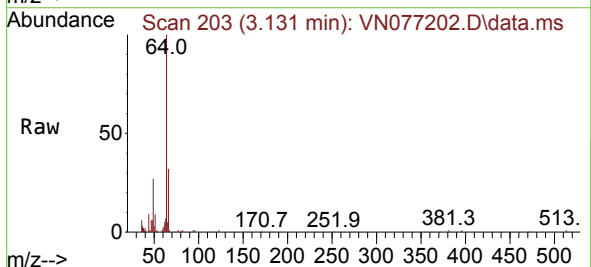
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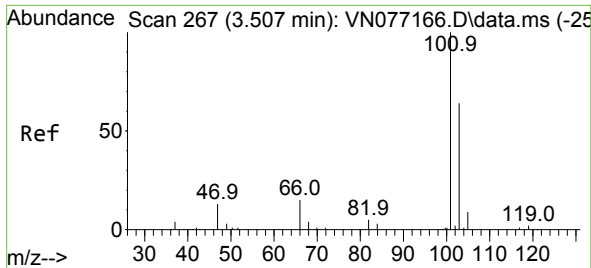
Tgt Ion: 94 Resp: 81272
Ion Ratio Lower Upper
94 100
96 94.8 68.6 103.0



#6
Chloroethane
Concen: 18.375 ug/l
RT: 3.131 min Scan# 203
Delta R.T. -0.000 min
Lab File: VN077202.D
Acq: 27 Mar 2023 14:59

Tgt Ion: 64 Resp: 99369
Ion Ratio Lower Upper
64 100
66 32.6 23.8 35.6

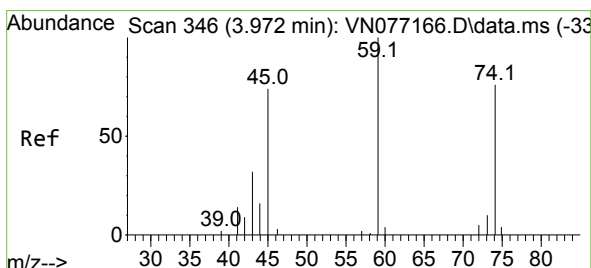
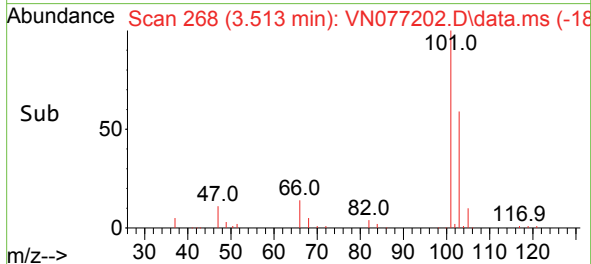
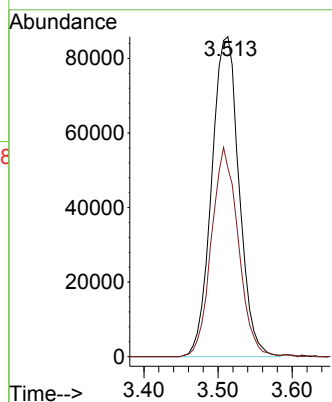
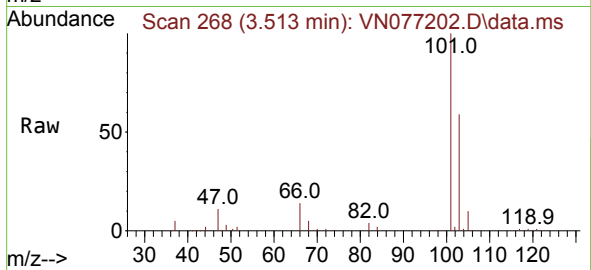




#7
 Trichlorofluoromethane
 Concen: 23.633 ug/l
 RT: 3.513 min Scan# 2
 Delta R.T. 0.006 min
 Lab File: VN077202.D
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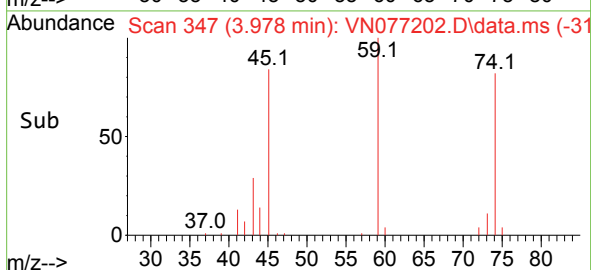
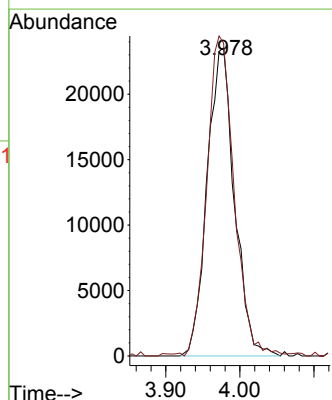
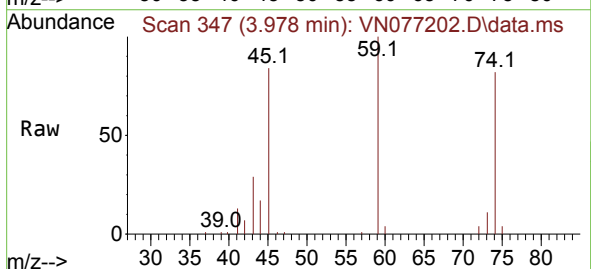
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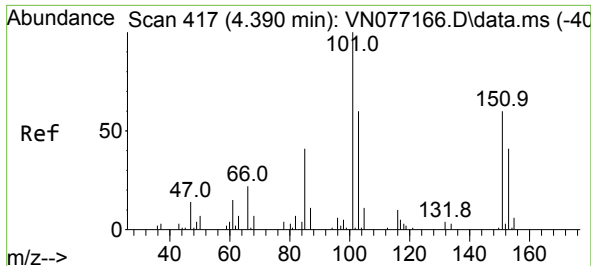
Tgt Ion:101 Resp: 220690
 Ion Ratio Lower Upper
 101 100
 103 59.0 50.2 75.2



#8
 Diethyl Ether
 Concen: 18.392 ug/l
 RT: 3.978 min Scan# 347
 Delta R.T. 0.006 min
 Lab File: VN077202.D
 Acq: 27 Mar 2023 14:59

Tgt Ion: 74 Resp: 60262
 Ion Ratio Lower Upper
 74 100
 45 103.9 21.4 193.0

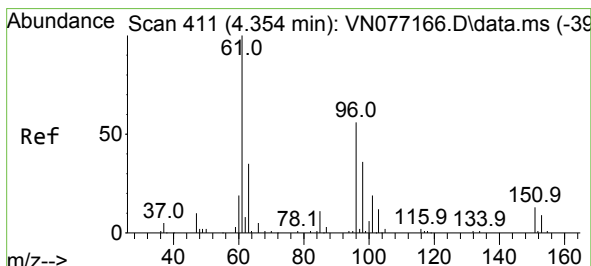
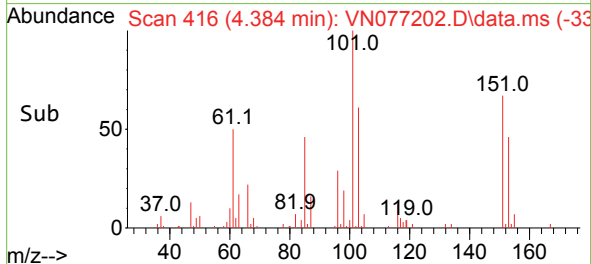
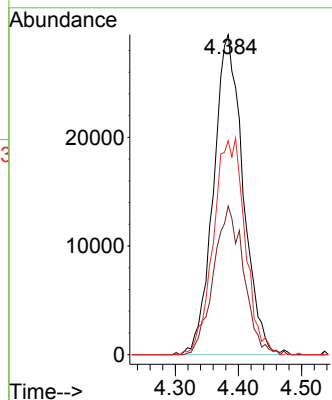
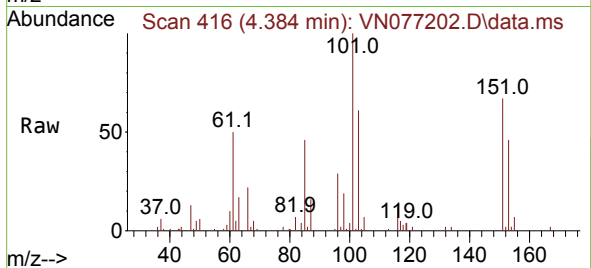




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.575 ug/l
RT: 4.384 min Scan# 417
Delta R.T. -0.006 min
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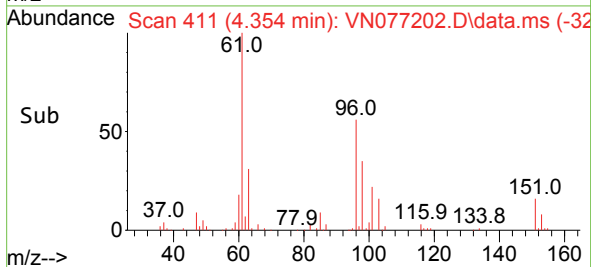
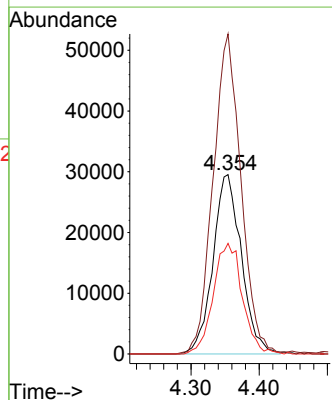
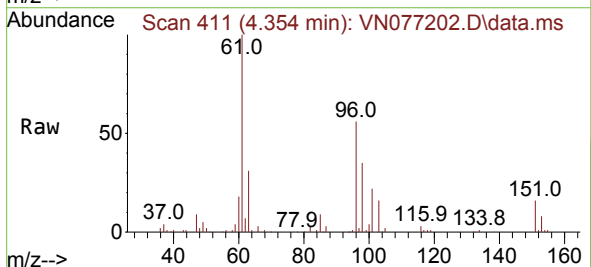
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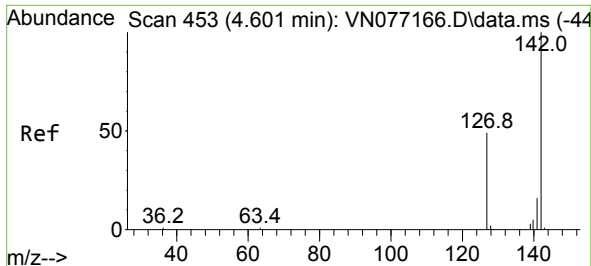
Tgt Ion:101 Resp: 95583
Ion Ratio Lower Upper
101 100
85 47.2 0.0 95.2
151 44.4 0.0 142.2



#10
1,1-Dichloroethene
Concen: 18.740 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN077202.D
Acq: 27 Mar 2023 14:59

Tgt Ion: 96 Resp: 85624
Ion Ratio Lower Upper
96 100
61 177.9 137.1 205.7
98 61.6 53.2 79.8

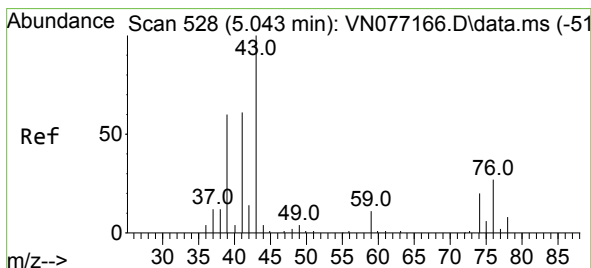
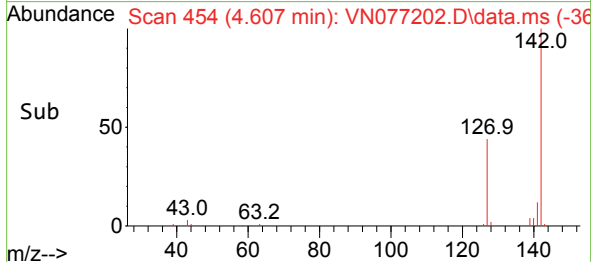
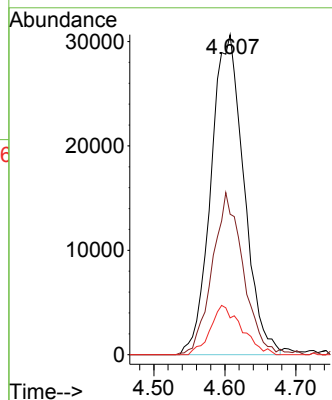
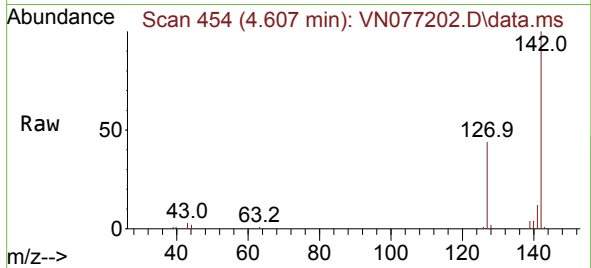




#11
Methyl Iodide
Concen: 20.182 ug/l
RT: 4.607 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN077202.D
Acq: 27 Mar 2023 14:59

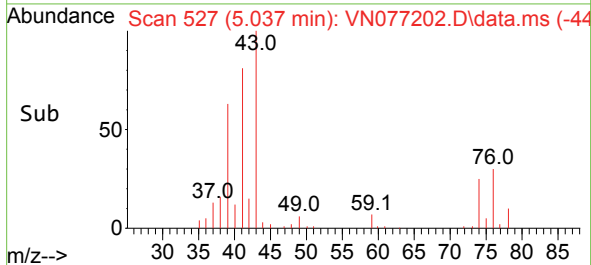
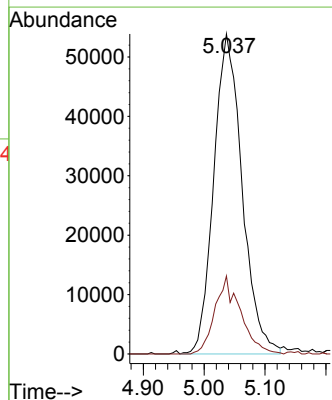
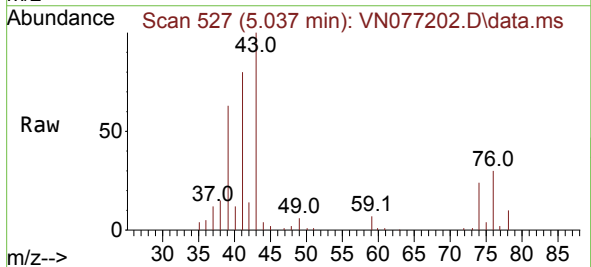
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

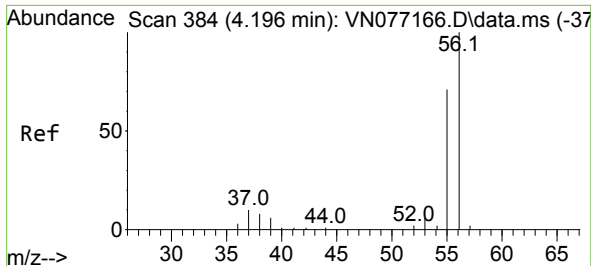
Tgt Ion:142 Resp: 98207
Ion Ratio Lower Upper
142 100
127 43.1 25.0 75.0
141 10.9 8.0 24.0



#12
Methyl Acetate
Concen: 17.703 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.006 min
Lab File: VN077202.D
Acq: 27 Mar 2023 14:59

Tgt Ion: 43 Resp: 174417
Ion Ratio Lower Upper
43 100
74 24.4 19.0 28.4





#13

Acrolein

Concen: 87.593 ug/l

RT: 4.190 min Scan# 384

Delta R.T. -0.006 min

Lab File: VN077202.D

Acq: 27 Mar 2023 14:59

Instrument :

MSVOA_N

ClientSampleId :

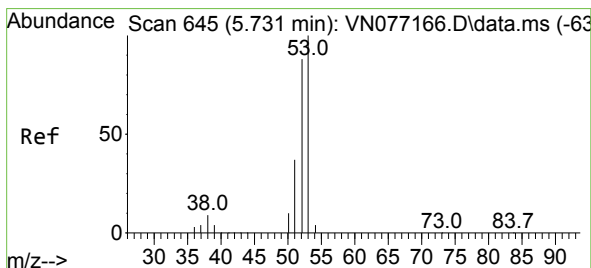
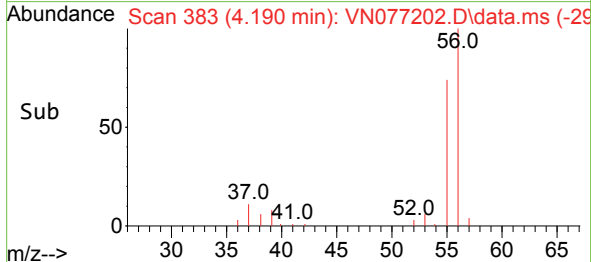
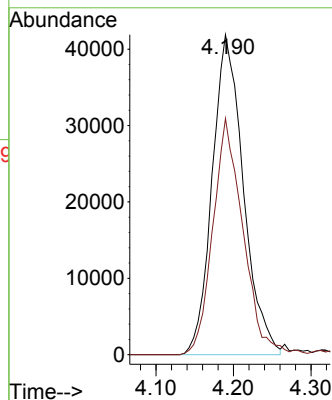
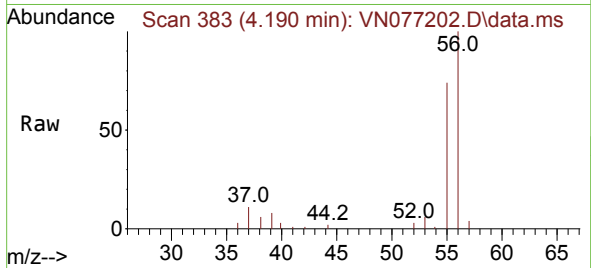
VSTDCCC020EC

Tgt Ion: 56 Resp: 116951

Ion Ratio Lower Upper

56 100

55 71.0 55.0 82.4



#14

Acrylonitrile

Concen: 89.531 ug/l

RT: 5.737 min Scan# 646

Delta R.T. 0.006 min

Lab File: VN077202.D

Acq: 27 Mar 2023 14:59

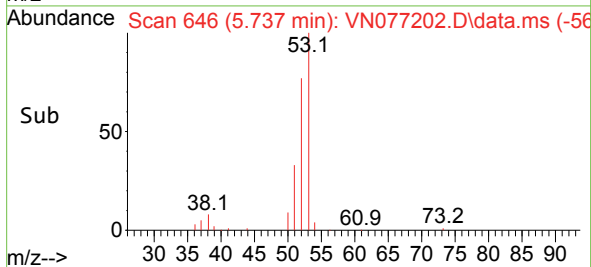
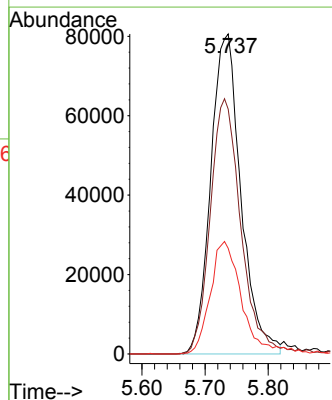
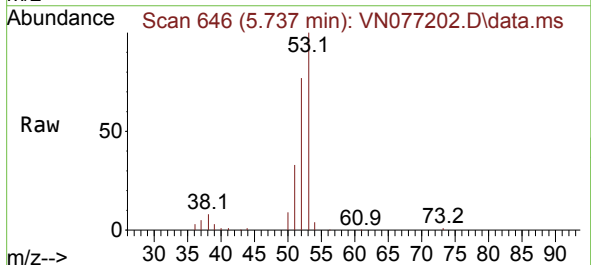
Tgt Ion: 53 Resp: 267574

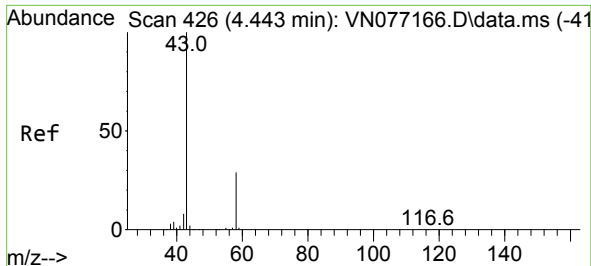
Ion Ratio Lower Upper

53 100

52 80.6 41.5 124.6

51 34.9 17.6 52.8





#15

Acetone

Concen: 89.994 ug/l

RT: 4.443 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN077202.D

Acq: 27 Mar 2023 14:59

Instrument :

MSVOA_N

ClientSampleId :

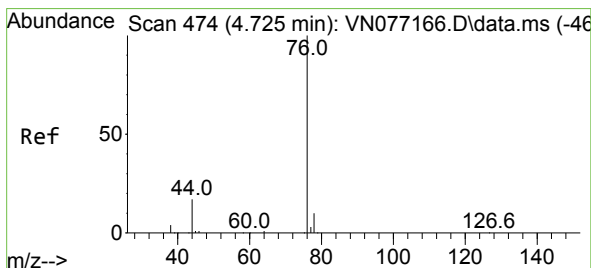
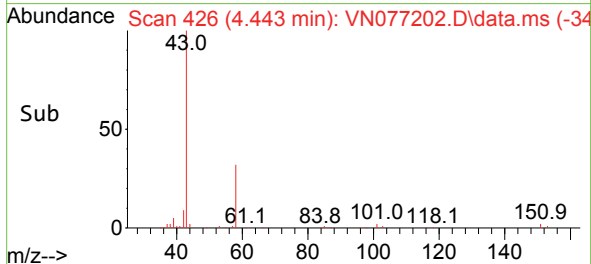
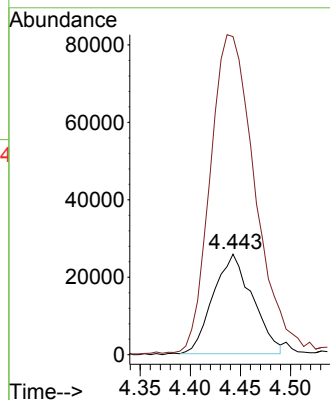
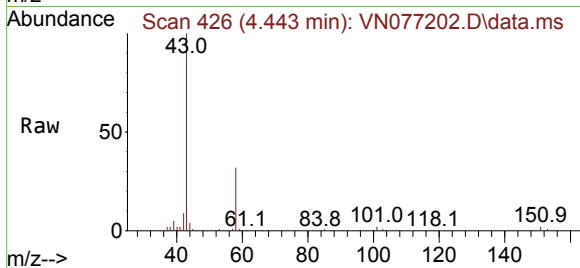
VSTDCCC020EC

Tgt Ion: 58 Resp: 70325

Ion Ratio Lower Upper

58 100

43 316.2 255.4 383.0



#16

Carbon Disulfide

Concen: 18.077 ug/l

RT: 4.725 min Scan# 474

Delta R.T. -0.000 min

Lab File: VN077202.D

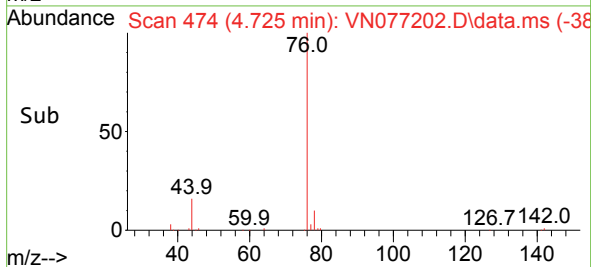
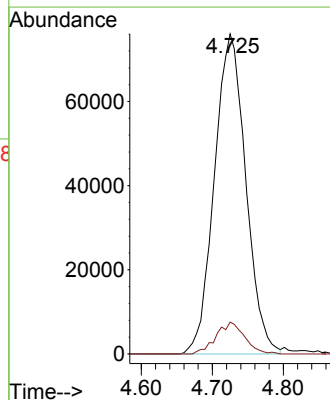
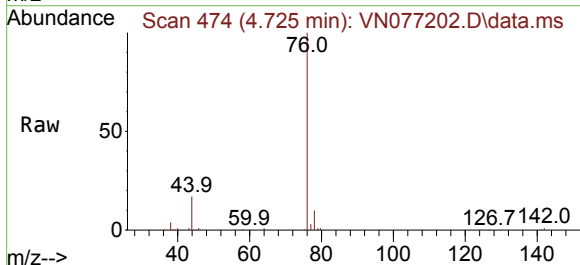
Acq: 27 Mar 2023 14:59

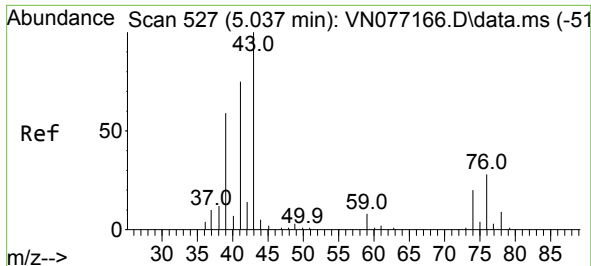
Tgt Ion: 76 Resp: 233256

Ion Ratio Lower Upper

76 100

78 9.9 6.6 9.8#

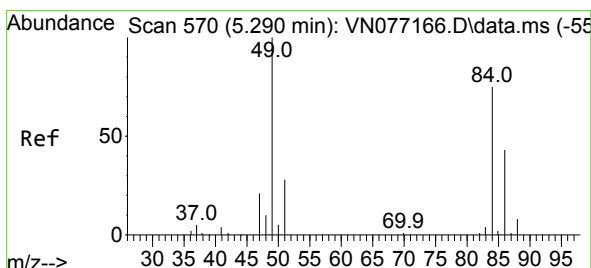
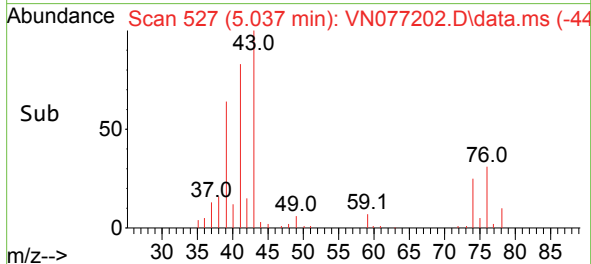
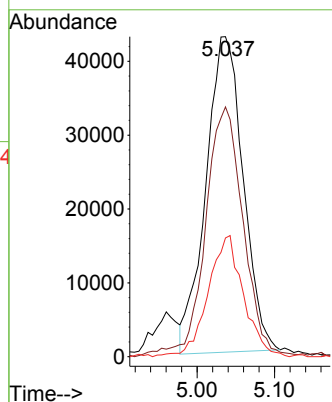
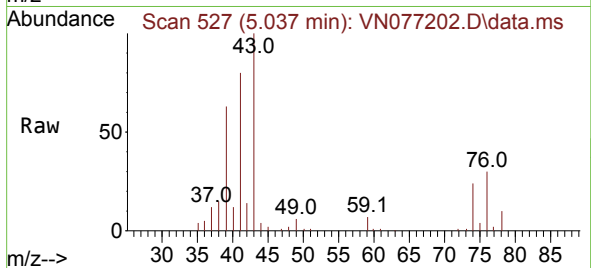




#17
 Allyl chloride
 Concen: 17.801 ug/l
 RT: 5.037 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN077202.D
 Acq: 27 Mar 2023 14:59

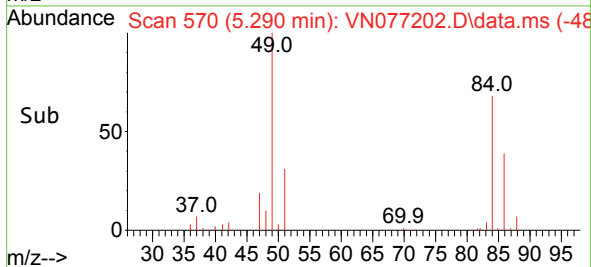
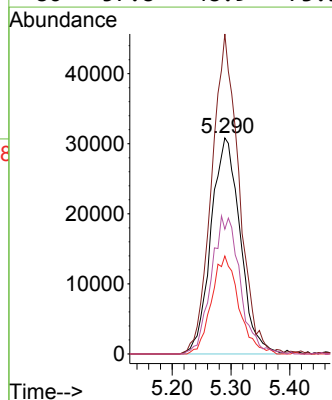
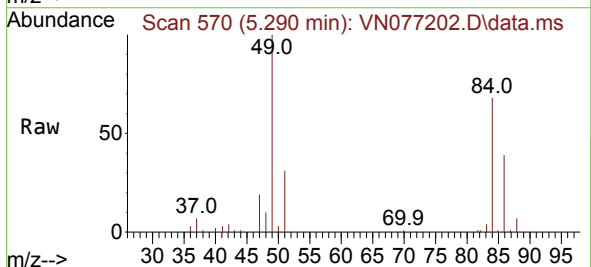
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

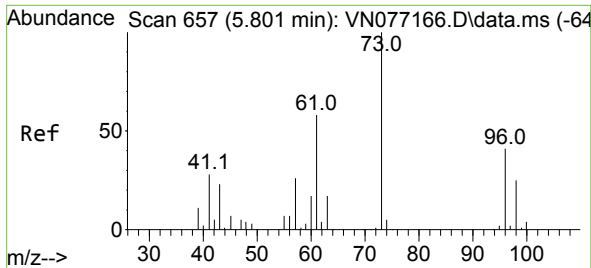
Tgt Ion: 41 Resp: 143046
 Ion Ratio Lower Upper
 41 100
 39 78.4 34.8 104.3
 76 36.8 17.5 52.5



#18
 Methylene Chloride
 Concen: 18.884 ug/l
 RT: 5.290 min Scan# 570
 Delta R.T. -0.000 min
 Lab File: VN077202.D
 Acq: 27 Mar 2023 14:59

Tgt Ion: 84 Resp: 106036
 Ion Ratio Lower Upper
 84 100
 49 148.1 113.8 170.6
 51 45.4 34.2 51.4
 86 57.8 48.9 73.3





#19

trans-1,2-Dichloroethene

Concen: 18.771 ug/l

RT: 5.795 min Scan# 61

Delta R.T. -0.006 min

Lab File: VN077202.D

Acq: 27 Mar 2023 14:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

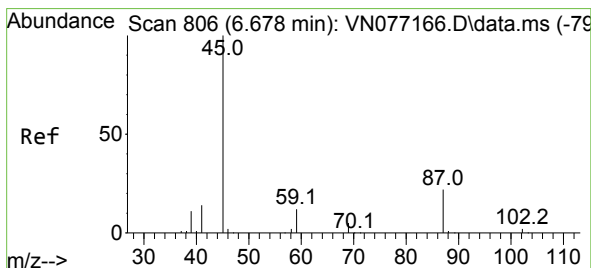
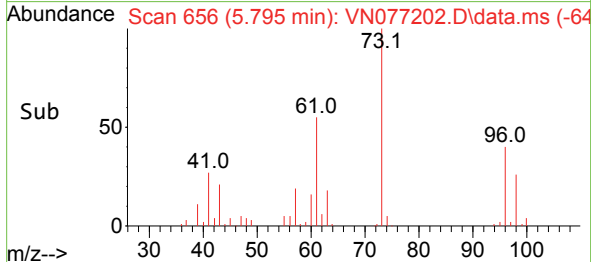
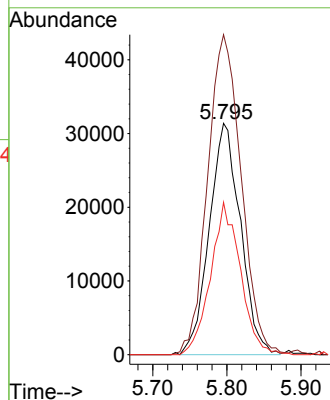
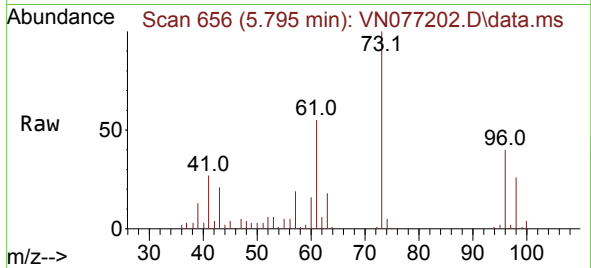
Tgt Ion: 96 Resp: 91880

Ion Ratio Lower Upper

96 100

61 137.2 111.0 166.4

98 65.9 55.0 82.6



#20

Diisopropyl ether

Concen: 18.353 ug/l

RT: 6.684 min Scan# 807

Delta R.T. 0.006 min

Lab File: VN077202.D

Acq: 27 Mar 2023 14:59

Tgt Ion: 45 Resp: 334094

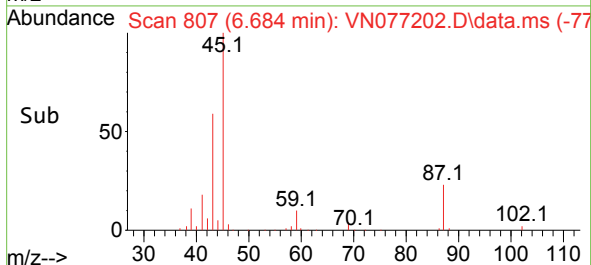
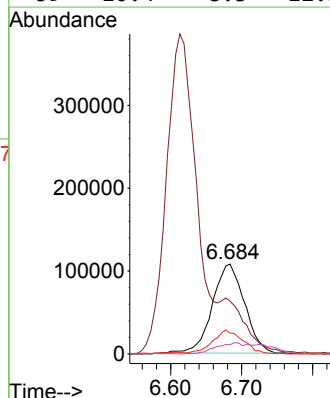
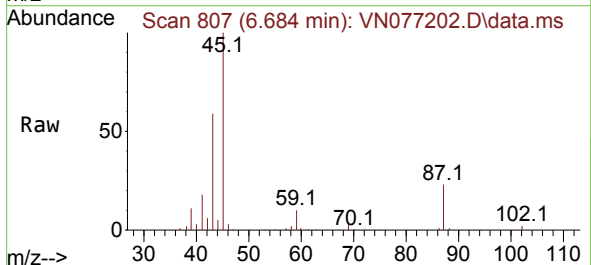
Ion Ratio Lower Upper

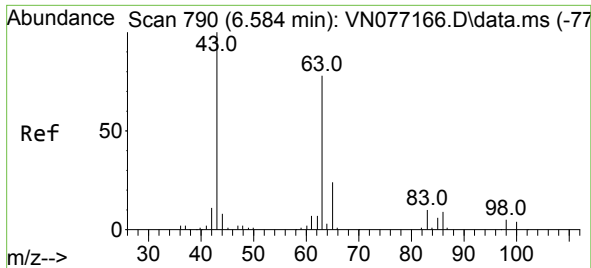
45 100

43 56.0 38.6 58.0

87 23.1 20.1 30.1

59 10.4 8.3 12.5

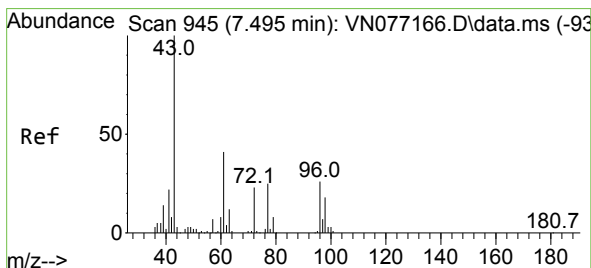
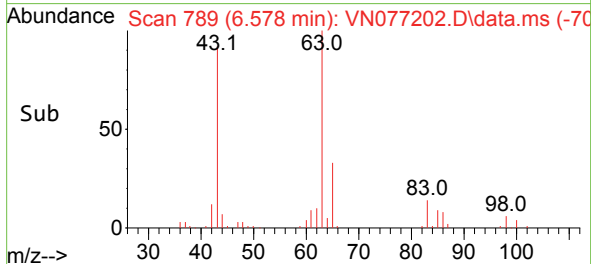
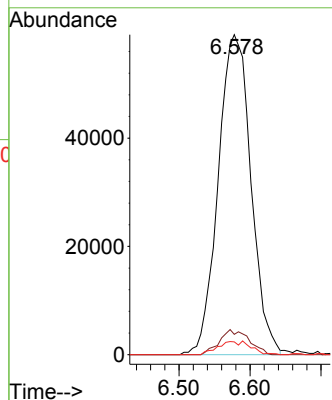
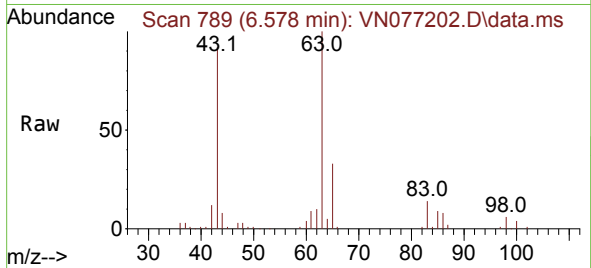




#21
1,1-Dichloroethane
Concen: 18.483 ug/l
RT: 6.578 min Scan# 719
Delta R.T. -0.006 min
Lab File: VN077202.D
Acq: 27 Mar 2023 14:59

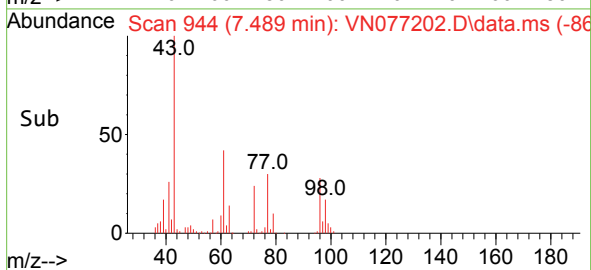
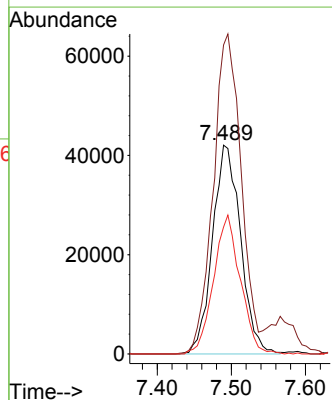
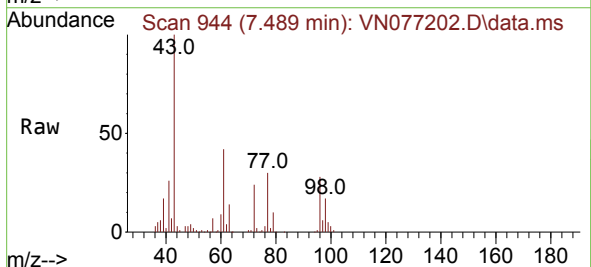
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

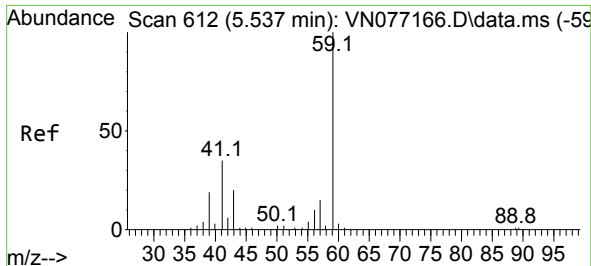
Tgt Ion: 63 Resp: 189422
Ion Ratio Lower Upper
63 100
98 6.4 3.6 10.9
100 4.0 2.6 7.8



#22
cis-1,2-Dichloroethene
Concen: 19.129 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.006 min
Lab File: VN077202.D
Acq: 27 Mar 2023 14:59

Tgt Ion: 96 Resp: 110555
Ion Ratio Lower Upper
96 100
61 152.6 121.0 181.4
98 63.5 50.1 75.1

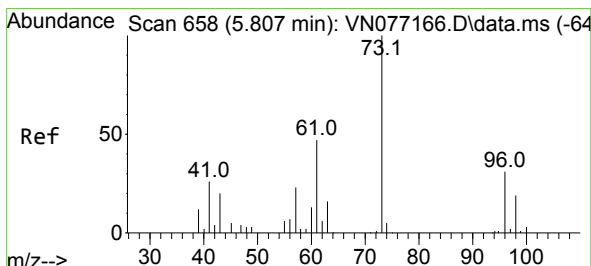
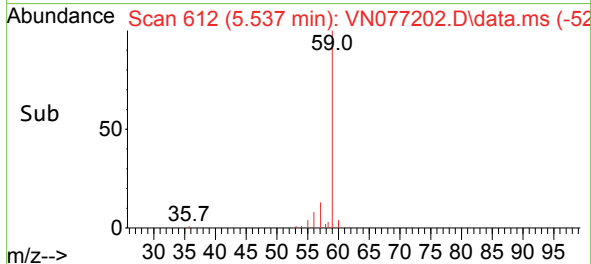
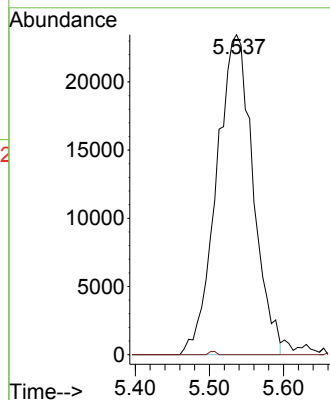
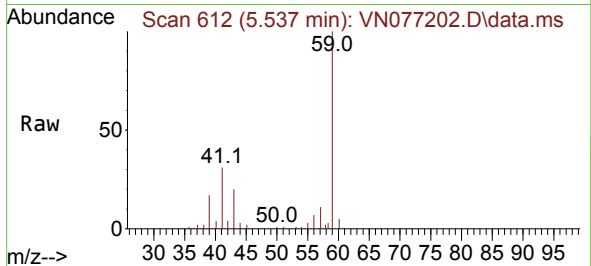




#23
tert-Butyl Alcohol
Concen: 79.127 ug/l
RT: 5.537 min Scan# 612
Delta R.T. -0.000 min
Lab File: VN077202.D
Acq: 27 Mar 2023 14:59

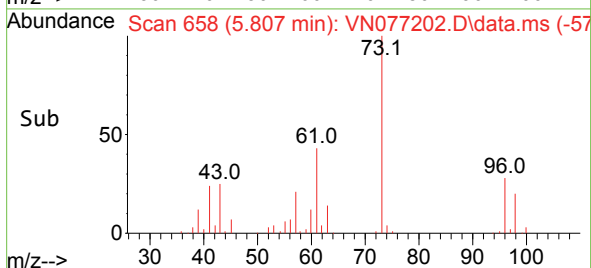
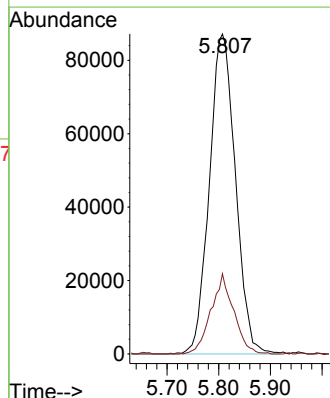
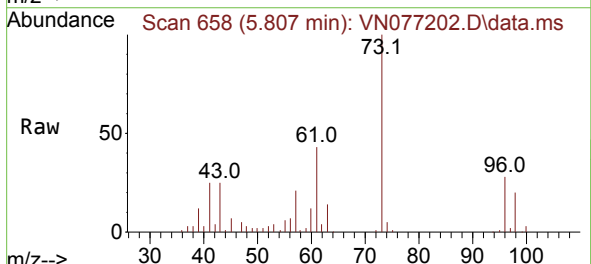
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

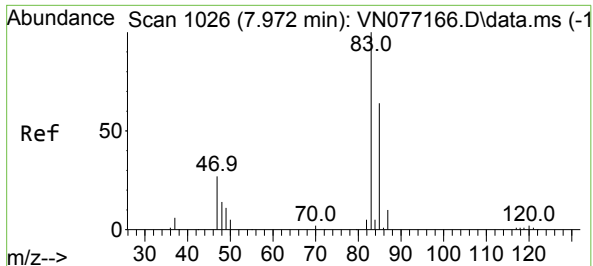
Tgt Ion: 59 Resp: 80268
Ion Ratio Lower Upper
59 100
52 0.2 0.2 0.2



#24
Methyl tert-Butyl Ether
Concen: 18.813 ug/l
RT: 5.807 min Scan# 658
Delta R.T. 0.000 min
Lab File: VN077202.D
Acq: 27 Mar 2023 14:59

Tgt Ion: 73 Resp: 305179
Ion Ratio Lower Upper
73 100
43 21.8 17.8 26.6





#25

Chloroform

Concen: 19.017 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077202.D

Acq: 27 Mar 2023 14:59

Instrument :

MSVOA_N

ClientSampleId :

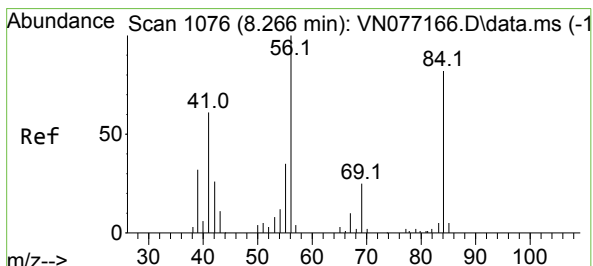
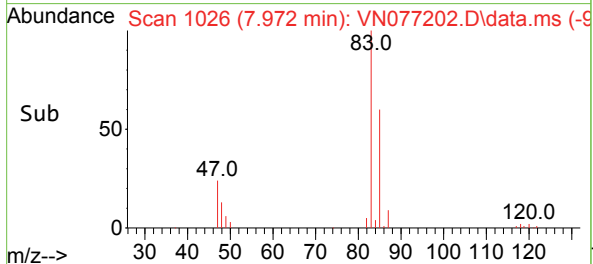
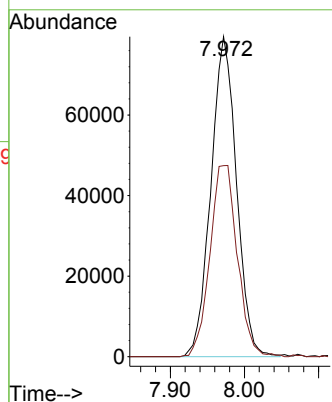
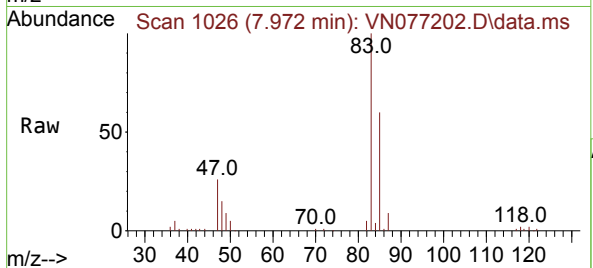
VSTDCCC020EC

Tgt Ion: 83 Resp: 190695

Ion Ratio Lower Upper

83 100

85 59.7 51.8 77.6



#26

Cyclohexane

Concen: 19.077 ug/l

RT: 8.266 min Scan# 1076

Delta R.T. -0.000 min

Lab File: VN077202.D

Acq: 27 Mar 2023 14:59

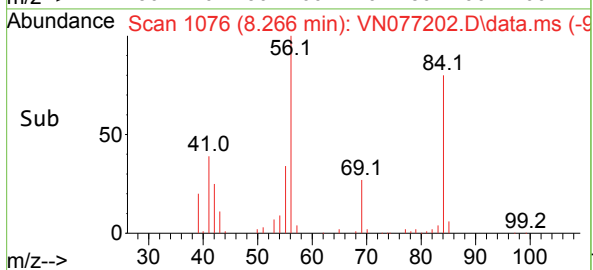
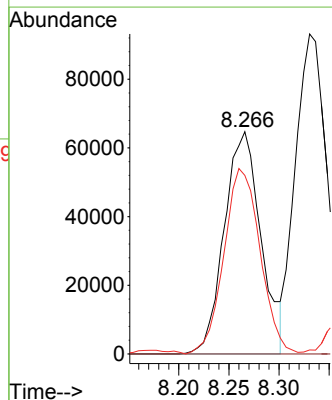
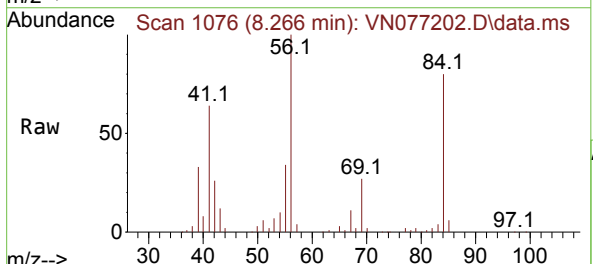
Tgt Ion: 56 Resp: 164902

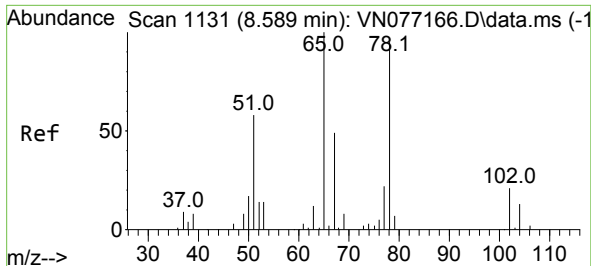
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 82.3 65.3 97.9





#27

1,2-Dichloroethane-d4

Concen: 28.702 ug/l

RT: 8.583 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VN077202.D

Acq: 27 Mar 2023 14:59

Instrument :

MSVOA_N

ClientSampleId :

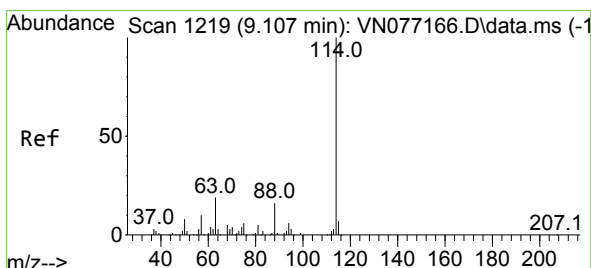
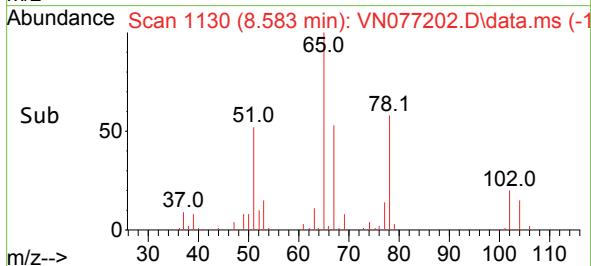
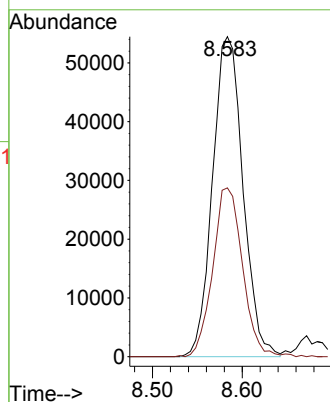
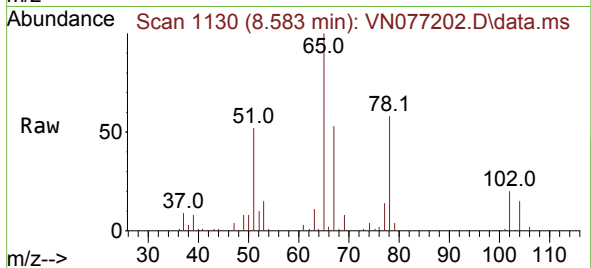
VSTDCCC020EC

Tgt Ion: 65 Resp: 127991

Ion Ratio Lower Upper

65 100

67 51.4 40.9 61.3



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN077202.D

Acq: 27 Mar 2023 14:59

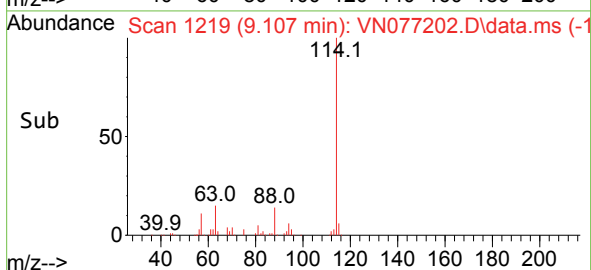
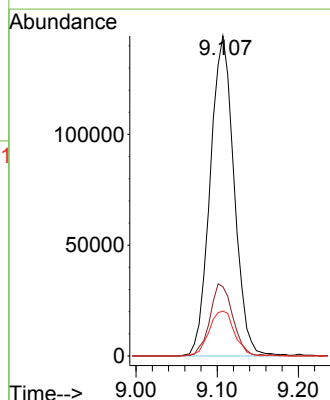
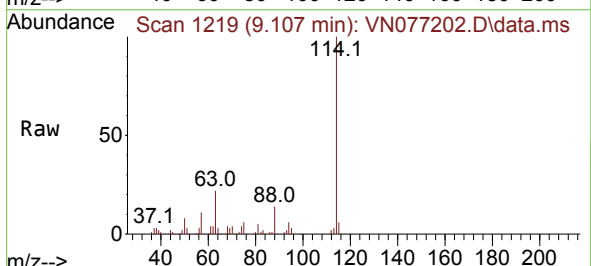
Tgt Ion: 114 Resp: 295306

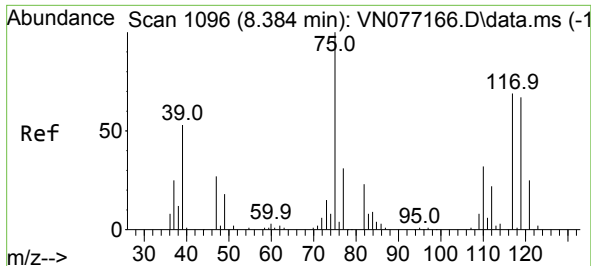
Ion Ratio Lower Upper

114 100

63 21.0 17.0 25.4

88 14.9 11.6 17.4

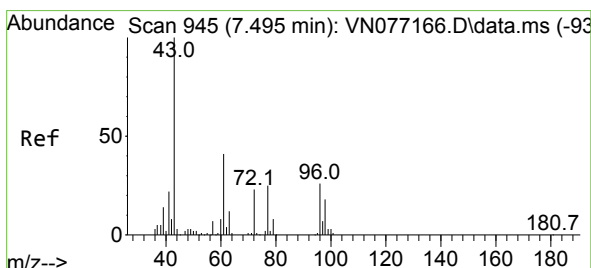
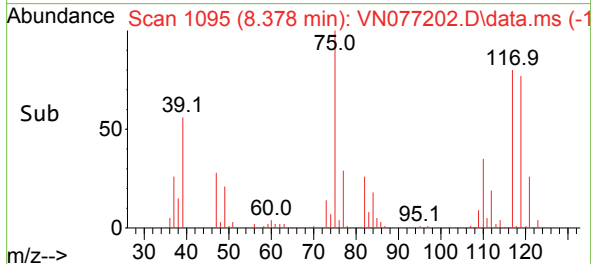
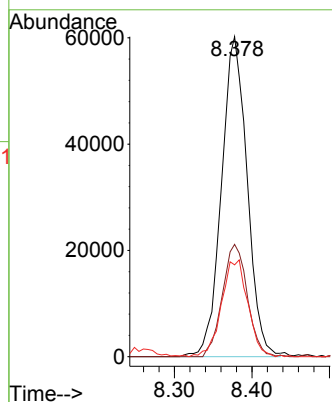
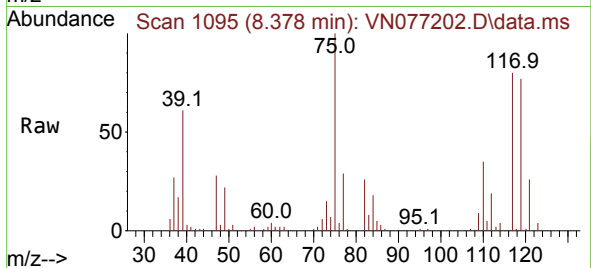




#29
1,1-Dichloropropene
Concen: 19.374 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. -0.006 min
Lab File: VN077202.D
Acq: 27 Mar 2023 14:59

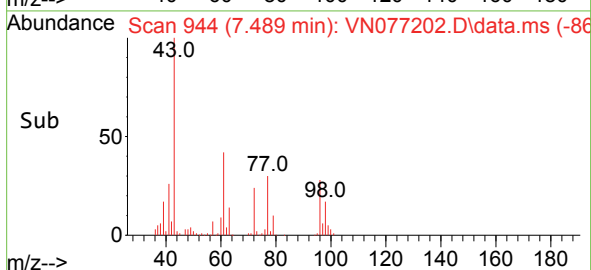
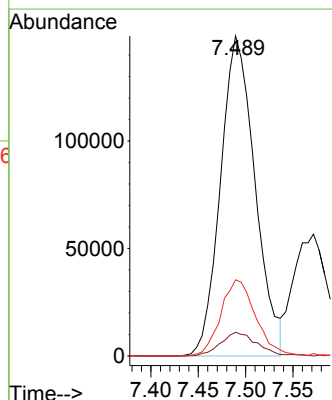
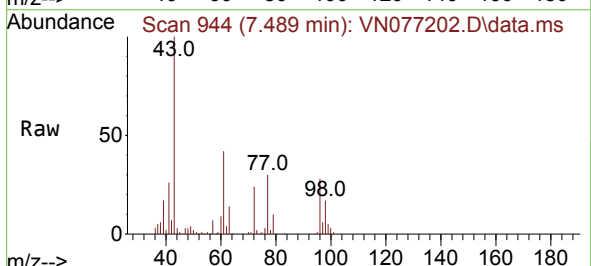
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

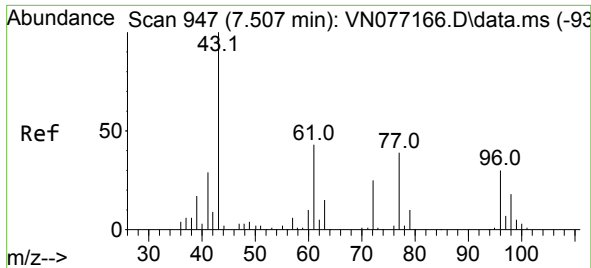
Tgt Ion: 75 Resp: 138792
Ion Ratio Lower Upper
75 100
110 34.1 0.0 67.2
77 31.0 0.0 64.4



#30
2-Butanone
Concen: 91.507 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.006 min
Lab File: VN077202.D
Acq: 27 Mar 2023 14:59

Tgt Ion: 43 Resp: 378175
Ion Ratio Lower Upper
43 100
57 7.7 6.1 9.1
72 24.0 20.2 30.4





#31

2,2-Dichloropropane

Concen: 21.933 ug/l

RT: 7.501 min Scan# 94

Delta R.T. -0.006 min

Lab File: VN077202.D

Acq: 27 Mar 2023 14:59

Instrument :

MSVOA_N

ClientSampleId :

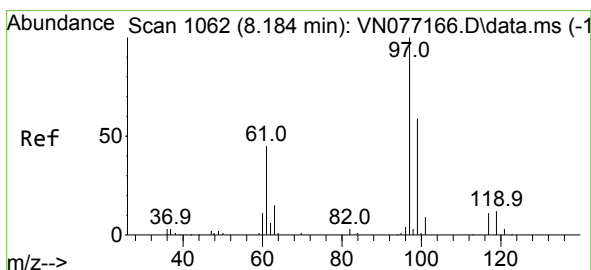
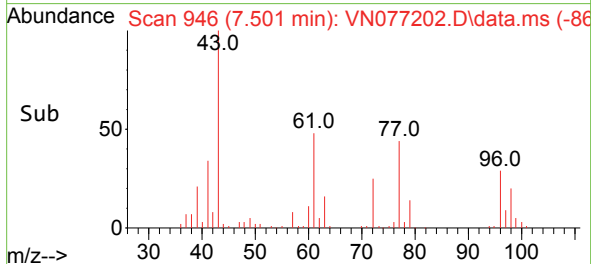
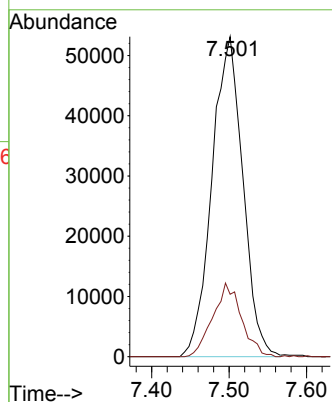
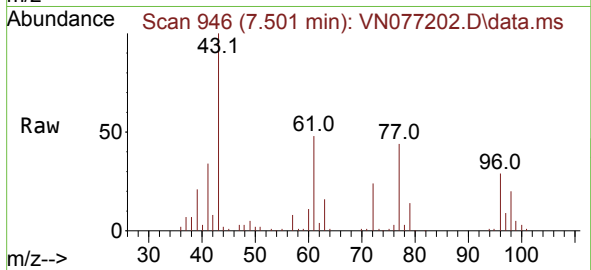
VSTDCCC020EC

Tgt Ion: 77 Resp: 147187

Ion Ratio Lower Upper

77 100

97 21.2 7.2 10.8#



#32

1,1,1-Trichloroethane

Concen: 19.224 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.012 min

Lab File: VN077202.D

Acq: 27 Mar 2023 14:59

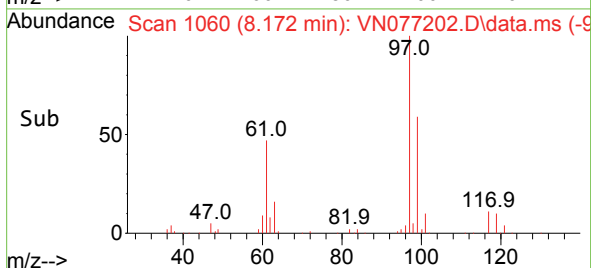
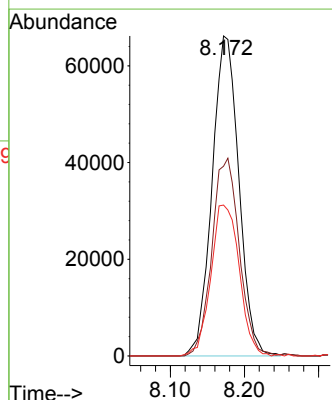
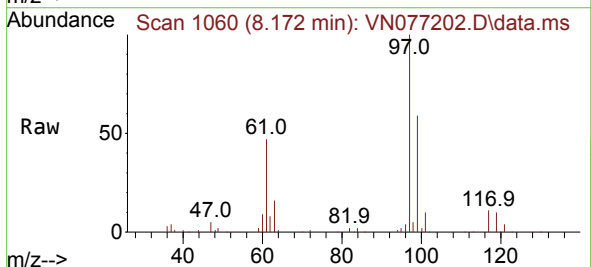
Tgt Ion: 97 Resp: 166043

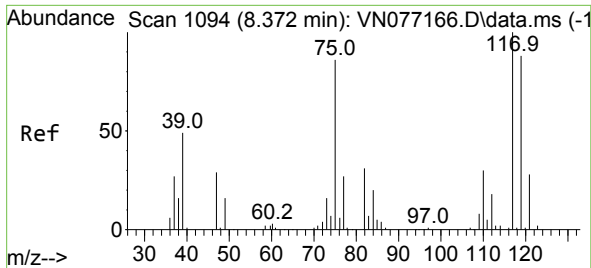
Ion Ratio Lower Upper

97 100

99 63.3 51.8 77.8

61 50.0 39.3 58.9

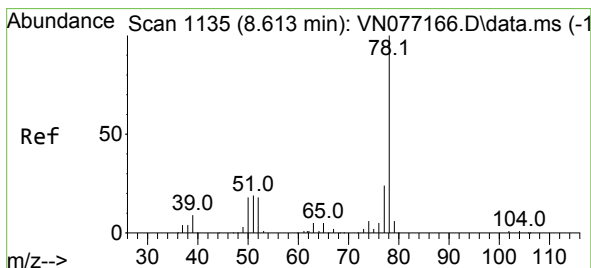
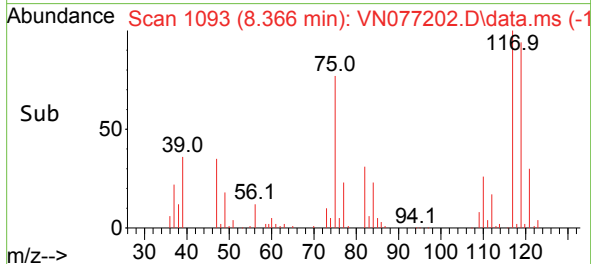
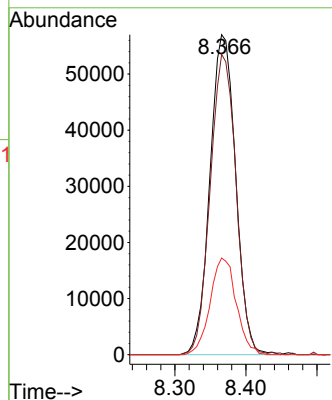
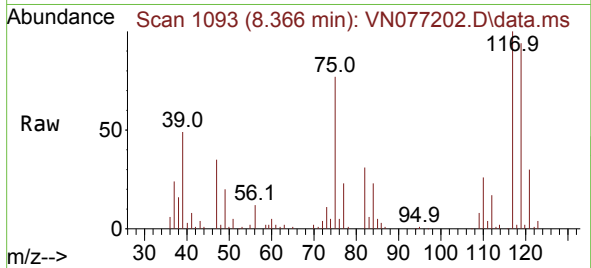




#33
Carbon Tetrachloride
Concen: 19.737 ug/l
RT: 8.366 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VN077202.D
Acq: 27 Mar 2023 14:59

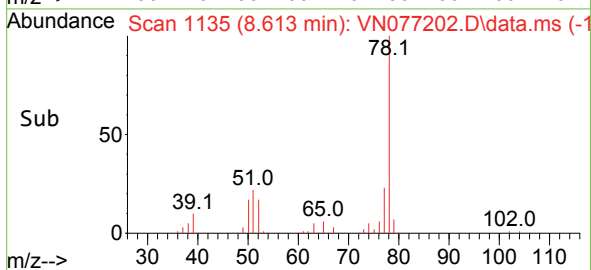
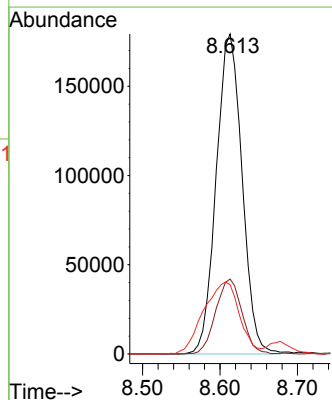
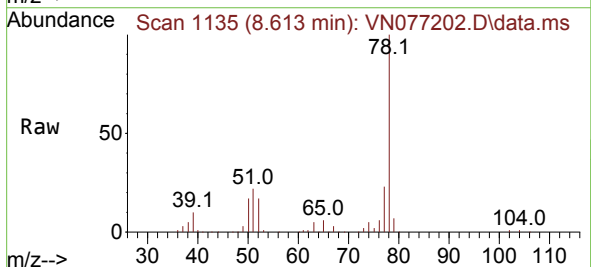
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

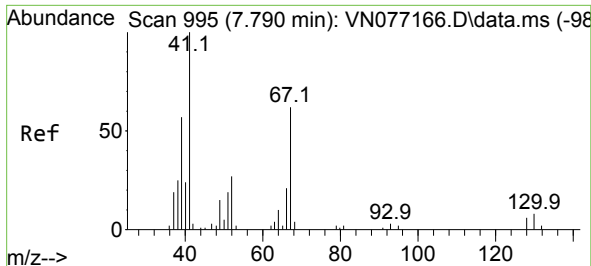
Tgt Ion:117 Resp: 143212
Ion Ratio Lower Upper
117 100
119 93.9 79.8 119.8
121 30.2 23.4 35.0



#34
Benzene
Concen: 18.928 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN077202.D
Acq: 27 Mar 2023 14:59

Tgt Ion: 78 Resp: 415630
Ion Ratio Lower Upper
78 100
77 23.4 17.4 26.2
51 20.7 13.8 20.6#

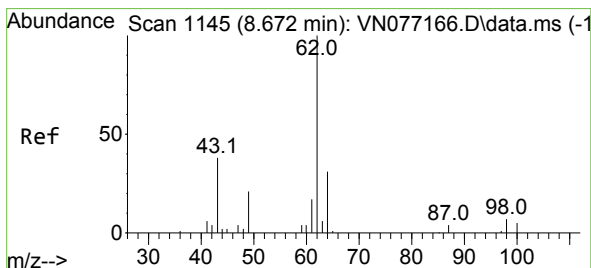
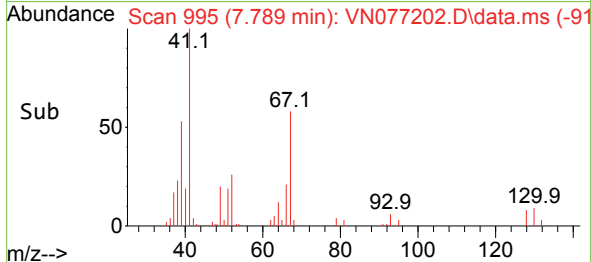
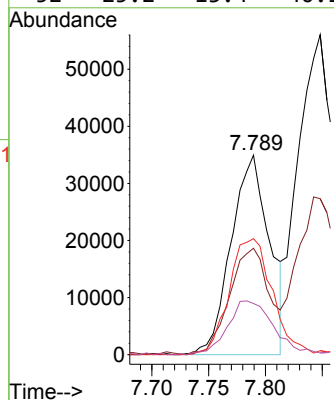
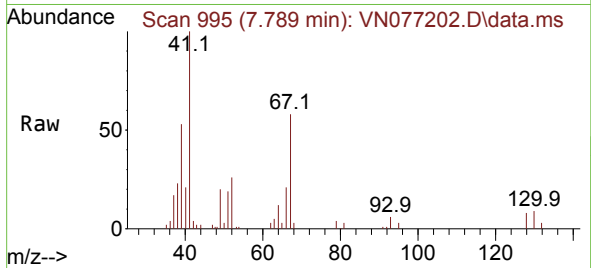




#35
Methacrylonitrile
Concen: 18.085 ug/l
RT: 7.789 min Scan# 995
Delta R.T. -0.001 min
Lab File: VN077202.D
Acq: 27 Mar 2023 14:59

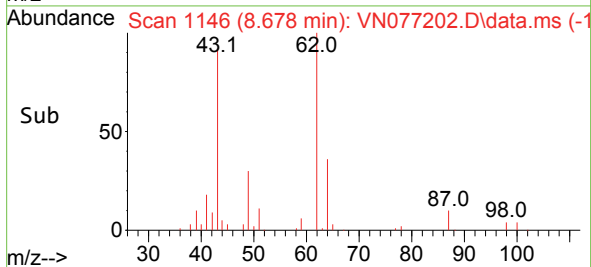
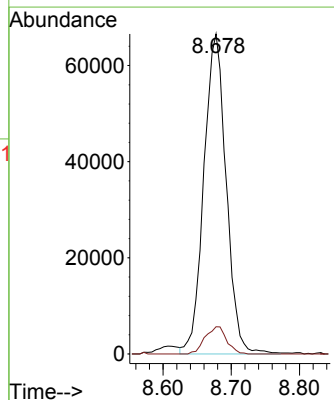
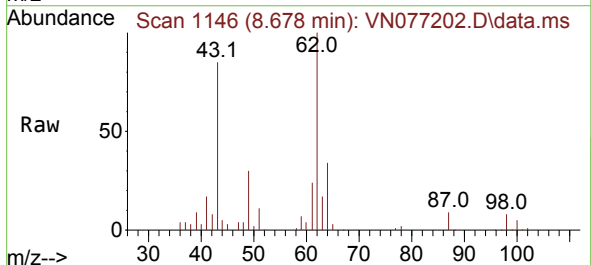
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

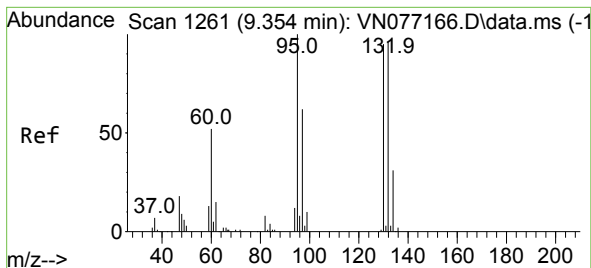
Tgt Ion:	41	Resp:	82045
Ion	Ratio	Lower	Upper
41	100		
39	52.9	26.6	79.7
67	58.1	32.3	96.9
52	25.2	13.4	40.1



#36
1,2-Dichloroethane
Concen: 18.743 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN077202.D
Acq: 27 Mar 2023 14:59

Tgt Ion:	62	Resp:	151731
Ion	Ratio	Lower	Upper
62	100		
98	8.2	7.4	11.0





#37

Trichloroethene

Concen: 18.995 ug/l

RT: 9.354 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077202.D

Acq: 27 Mar 2023 14:59

Instrument :

MSVOA_N

ClientSampleId :

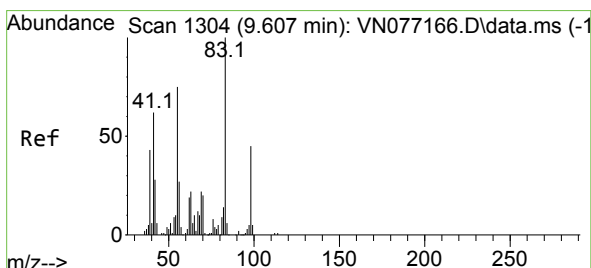
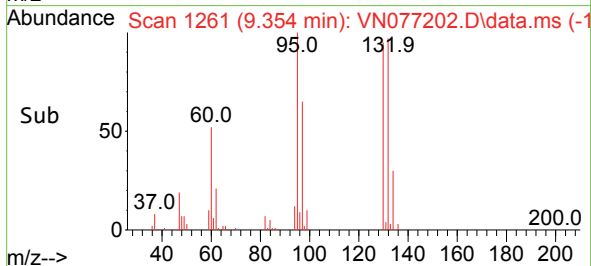
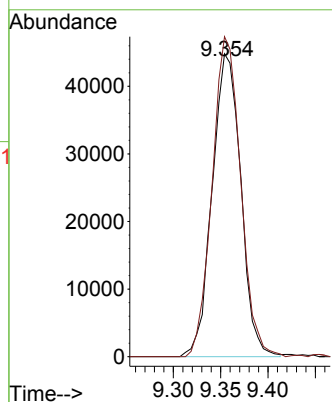
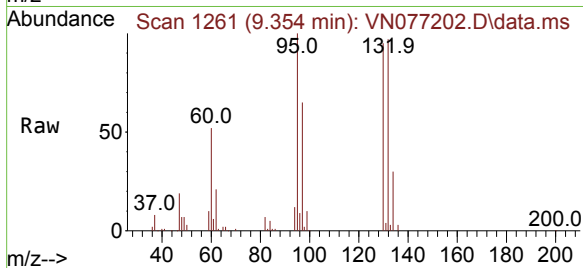
VSTDCCC020EC

Tgt Ion:130 Resp: 94298

Ion Ratio Lower Upper

130 100

95 105.6 78.7 118.1



#38

Methylcyclohexane

Concen: 19.021 ug/l

RT: 9.607 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN077202.D

Acq: 27 Mar 2023 14:59

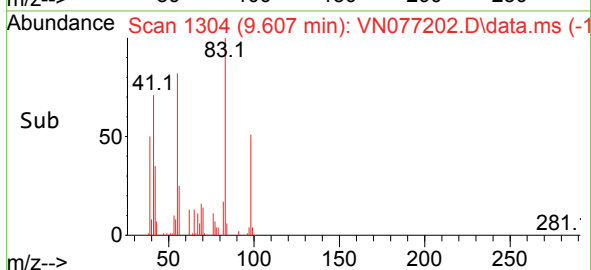
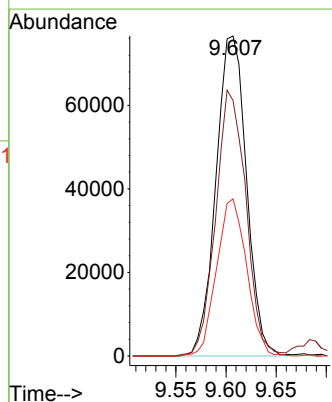
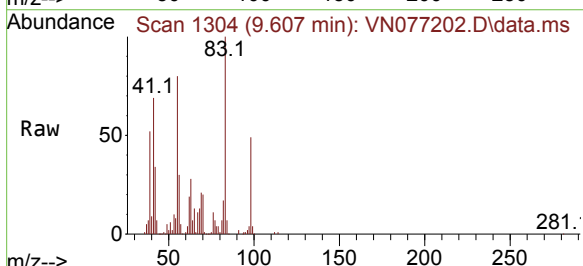
Tgt Ion: 83 Resp: 162208

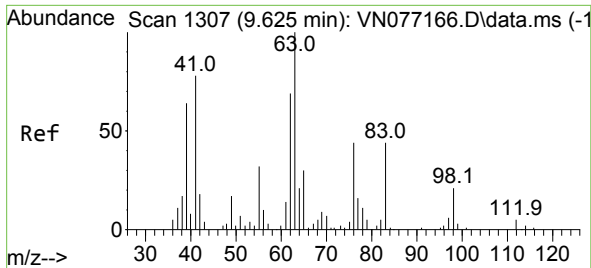
Ion Ratio Lower Upper

83 100

55 82.1 37.6 112.9

98 48.3 24.1 72.4





#39

1,2-Dichloropropane

Concen: 18.749 ug/l

RT: 9.630 min Scan# 11

Delta R.T. 0.005 min

Lab File: VN077202.D

Acq: 27 Mar 2023 14:59

Instrument :

MSVOA_N

ClientSampleId :

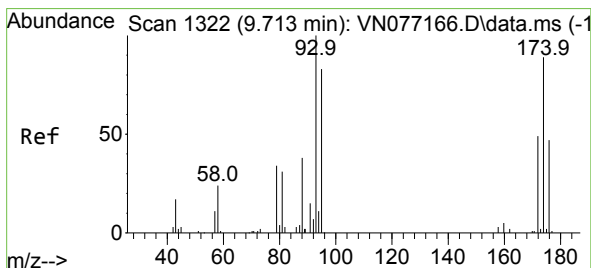
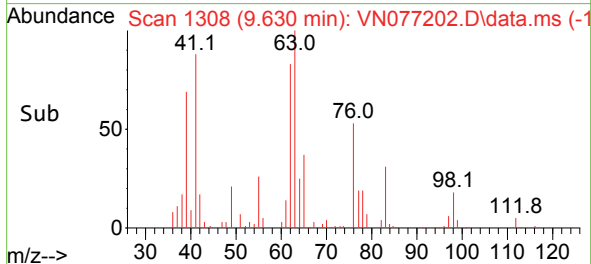
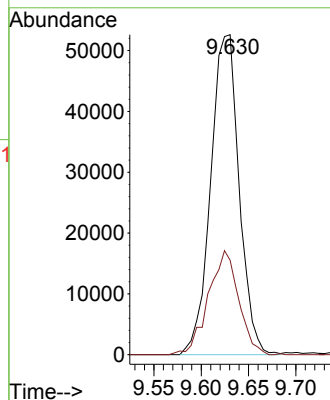
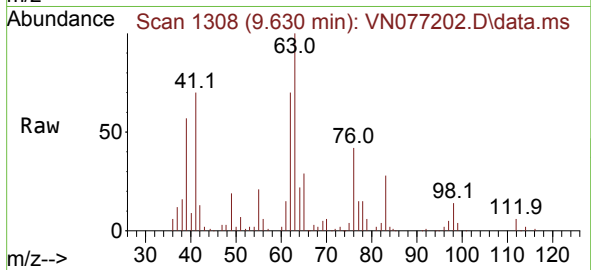
VSTDCCC020EC

Tgt Ion: 63 Resp: 110218

Ion Ratio Lower Upper

63 100

65 29.2 27.2 40.8



#40

Dibromomethane

Concen: 19.414 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077202.D

Acq: 27 Mar 2023 14:59

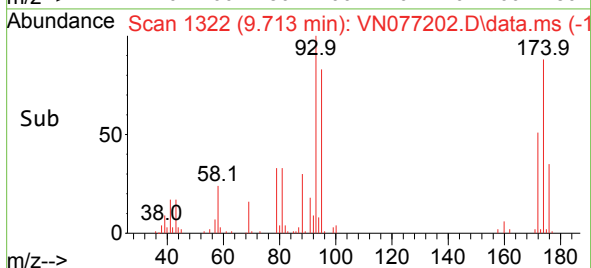
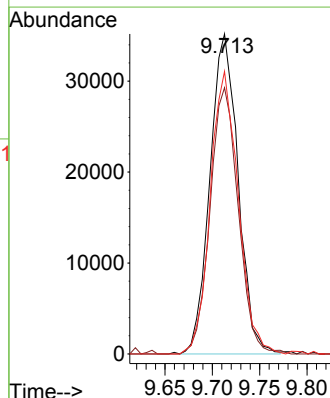
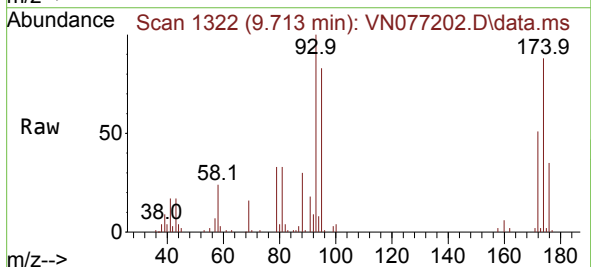
Tgt Ion: 93 Resp: 72982

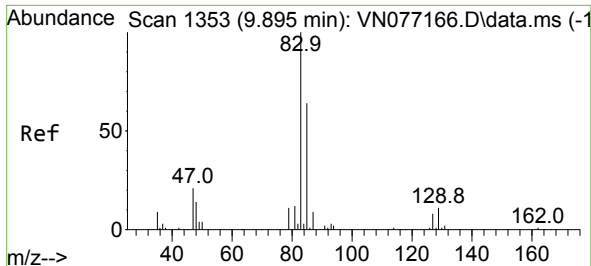
Ion Ratio Lower Upper

93 100

95 82.8 0.0 158.0

174 88.0 0.0 171.2

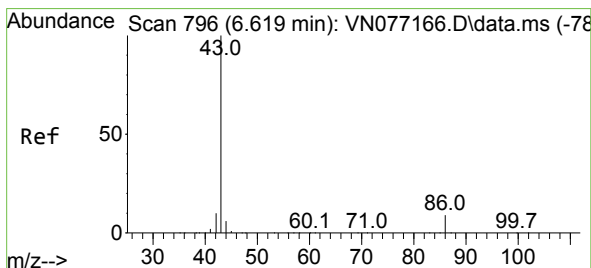
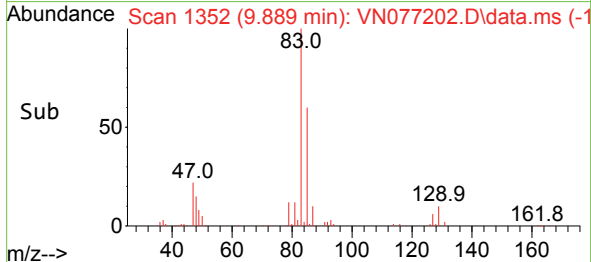
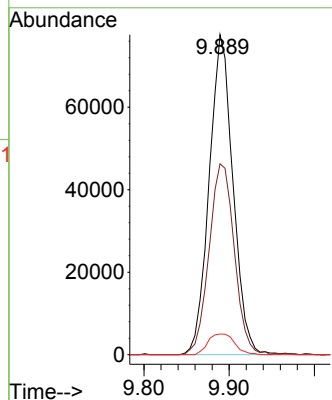
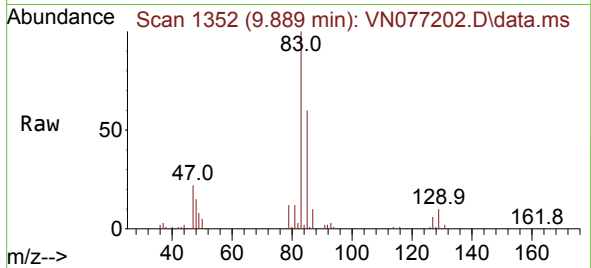




#41
Bromodichloromethane
Concen: 19.675 ug/l
RT: 9.889 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077202.D
Acq: 27 Mar 2023 14:59

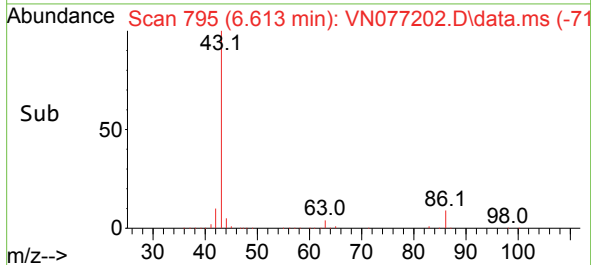
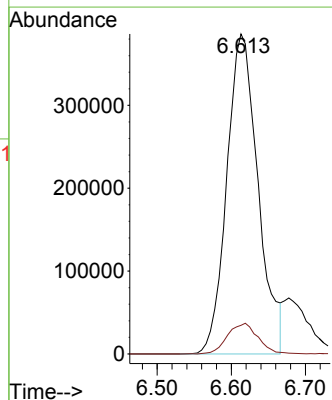
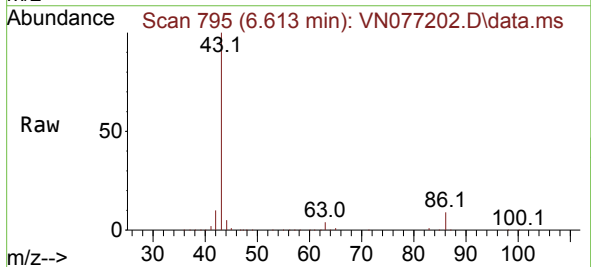
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

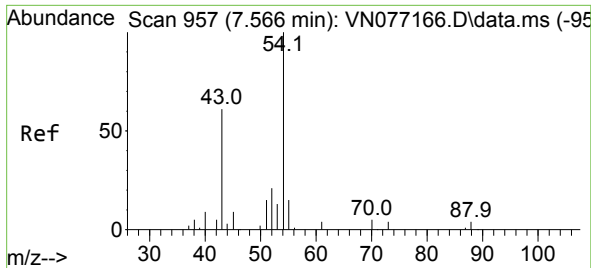
Tgt Ion: 83 Resp: 150615
Ion Ratio Lower Upper
83 100
85 59.6 51.0 76.4
127 6.4 6.2 9.2



#42
Vinyl Acetate
Concen: 91.371 ug/l
RT: 6.613 min Scan# 795
Delta R.T. -0.006 min
Lab File: VN077202.D
Acq: 27 Mar 2023 14:59

Tgt Ion: 43 Resp: 1131852
Ion Ratio Lower Upper
43 100
86 9.4 7.8 11.6

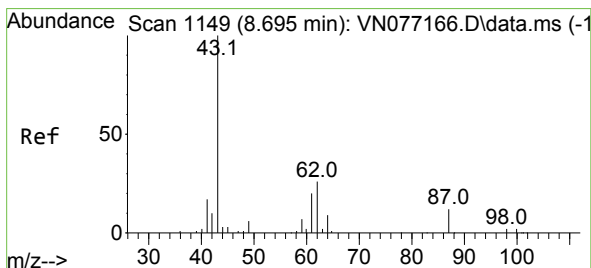
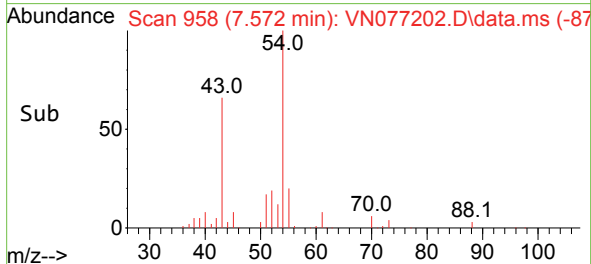
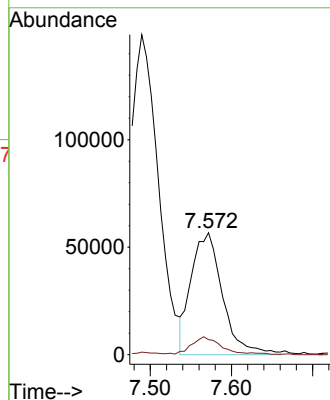
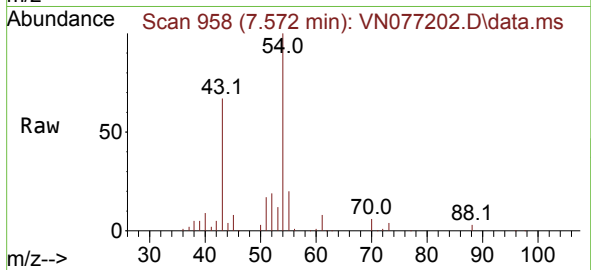




#43
Ethyl Acetate
Concen: 18.415 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077202.D
Acq: 27 Mar 2023 14:59

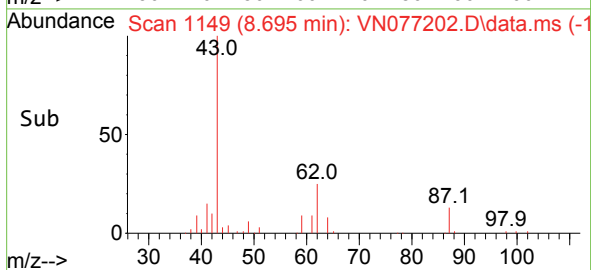
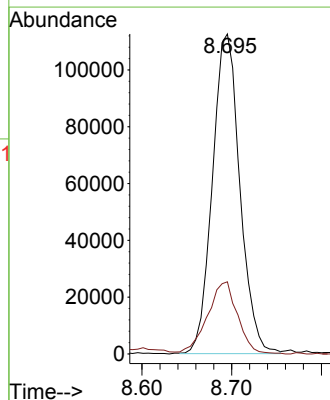
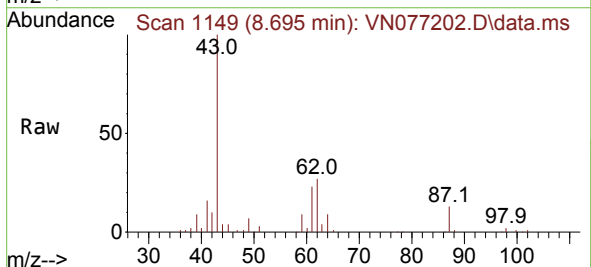
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

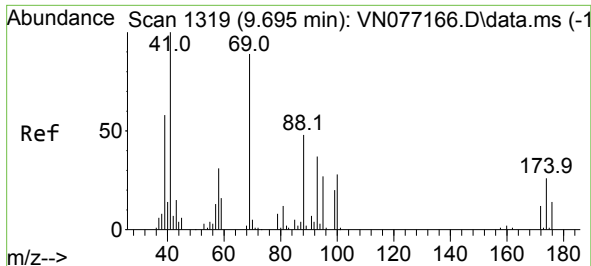
Tgt Ion: 43 Resp: 152039
Ion Ratio Lower Upper
43 100
45 12.1 11.2 16.8



#44
Isopropyl Acetate
Concen: 17.953 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077202.D
Acq: 27 Mar 2023 14:59

Tgt Ion: 43 Resp: 239203
Ion Ratio Lower Upper
43 100
61 24.9 19.5 29.3

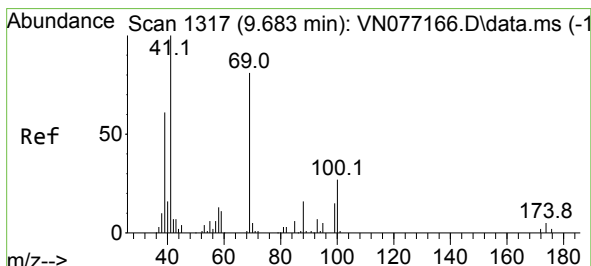
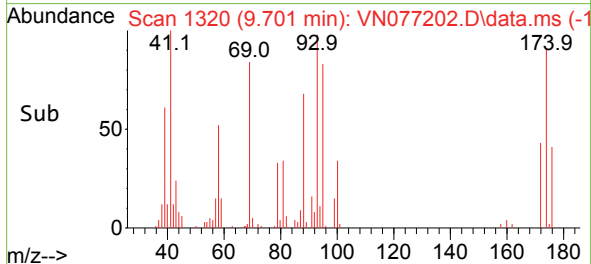
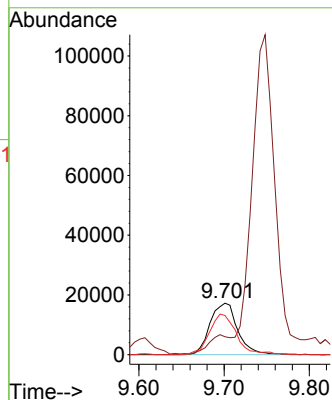
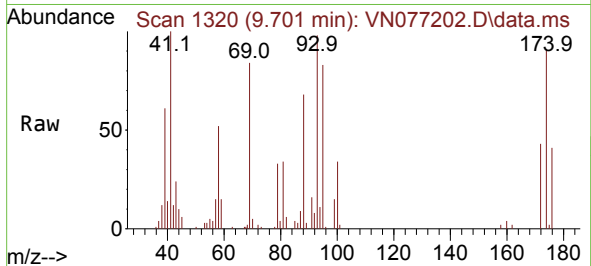




#45
1,4-Dioxane
Concen: 358.492 ug/l
RT: 9.701 min Scan# 1320
Delta R.T. 0.006 min
Lab File: VN077202.D
Acq: 27 Mar 2023 14:59

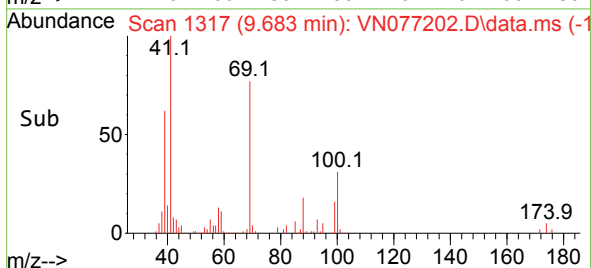
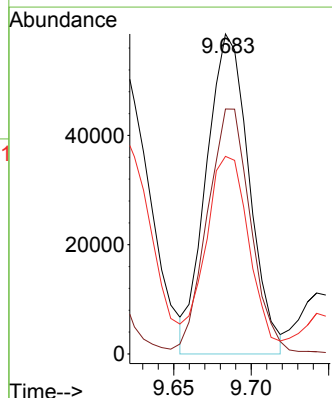
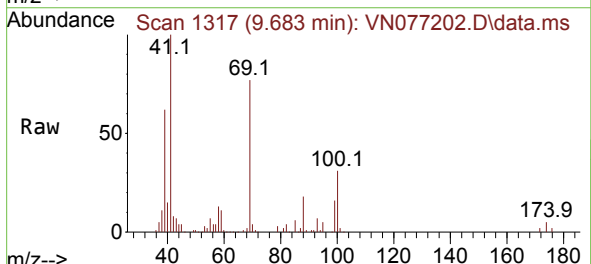
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

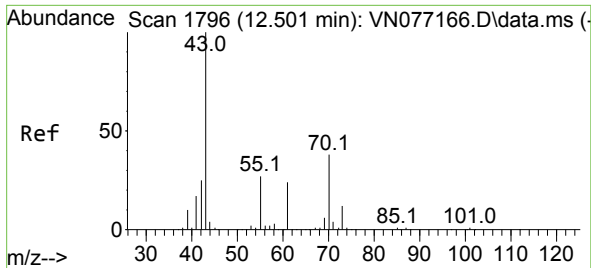
Tgt Ion: 88 Resp: 38838
Ion Ratio Lower Upper
88 100
43 28.5 26.0 39.0
58 75.3 54.3 81.5



#46
Methyl methacrylate
Concen: 18.319 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN077202.D
Acq: 27 Mar 2023 14:59

Tgt Ion: 41 Resp: 112533
Ion Ratio Lower Upper
41 100
69 78.2 40.6 121.7
39 61.4 30.5 91.5

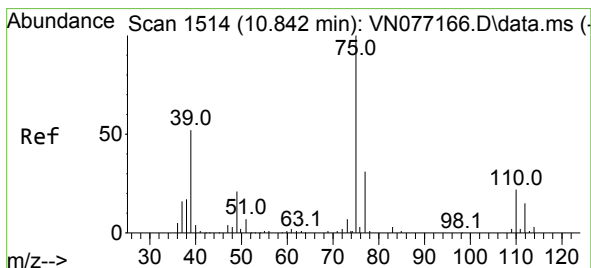
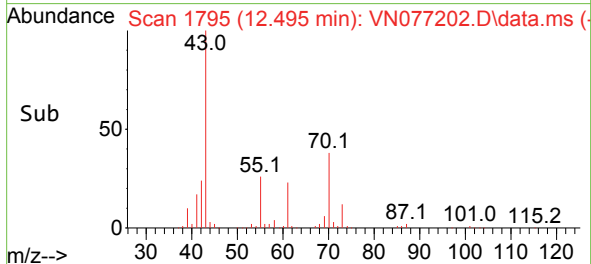
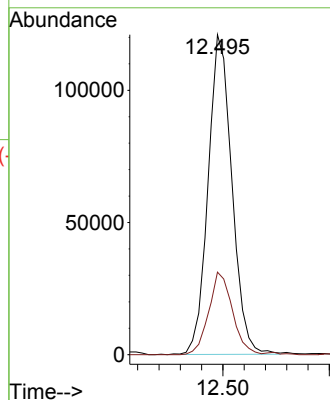
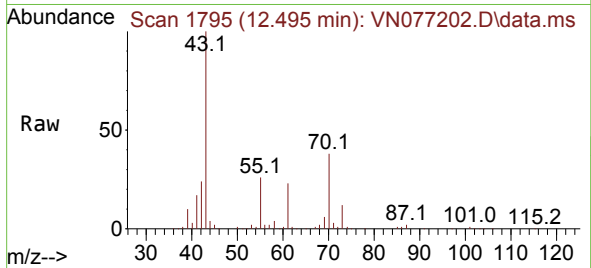




#47
n-amyl acetate
Concen: 16.715 ug/l
RT: 12.495 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077202.D
Acq: 27 Mar 2023 14:59

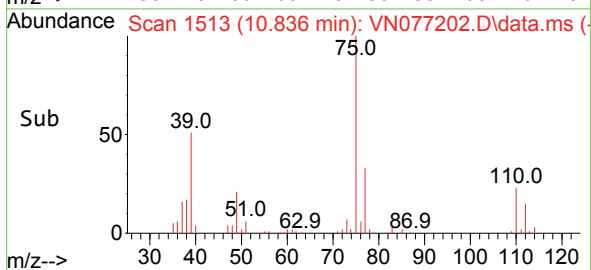
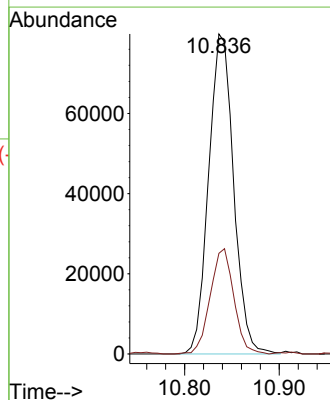
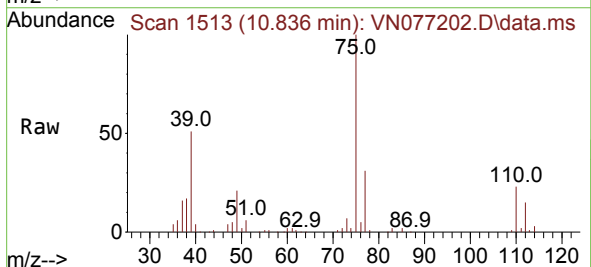
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

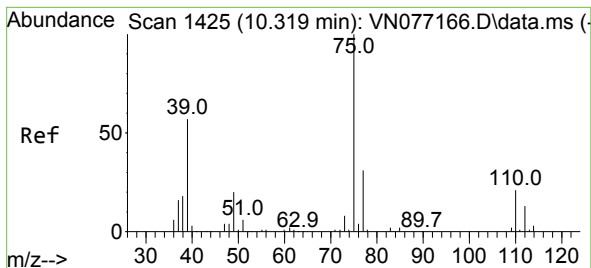
Tgt Ion: 43 Resp: 187361
Ion Ratio Lower Upper
43 100
55 25.6 18.3 27.5



#48
t-1,3-Dichloropropene
Concen: 18.823 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. -0.006 min
Lab File: VN077202.D
Acq: 27 Mar 2023 14:59

Tgt Ion: 75 Resp: 146357
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.2

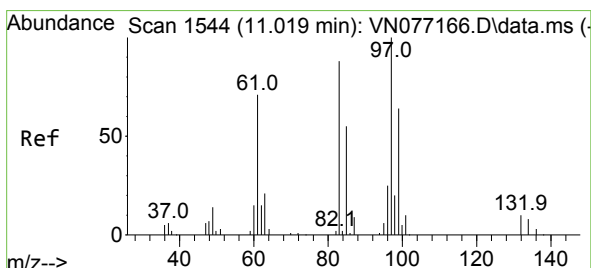
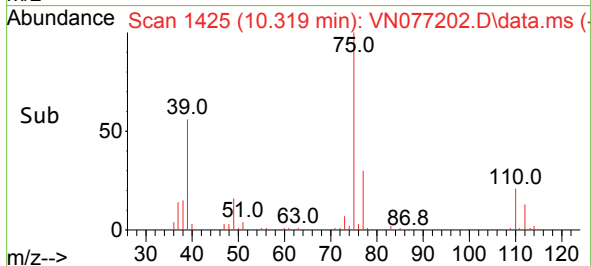
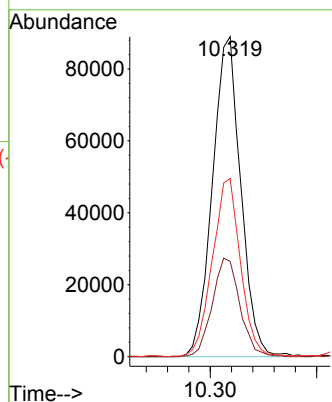
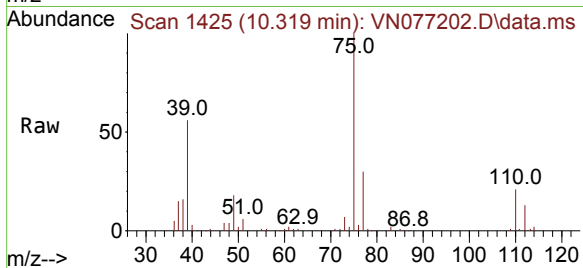




#49
 cis-1,3-Dichloropropene
 Concen: 19.213 ug/l
 RT: 10.319 min Scan# 1425
 Delta R.T. -0.000 min
 Lab File: VN077202.D
 Acq: 27 Mar 2023 14:59

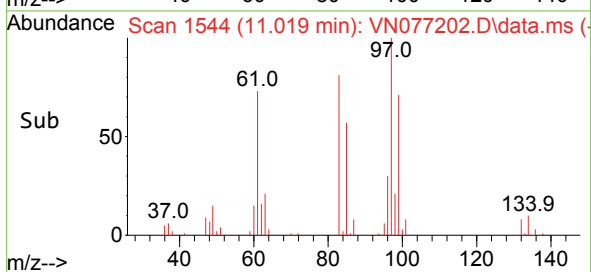
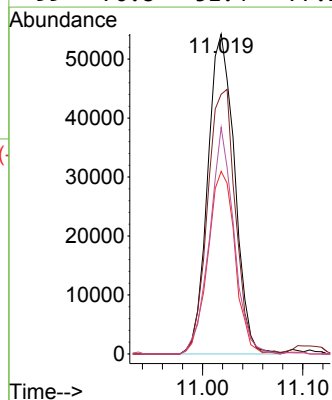
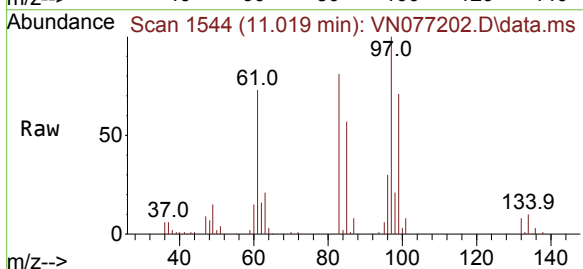
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

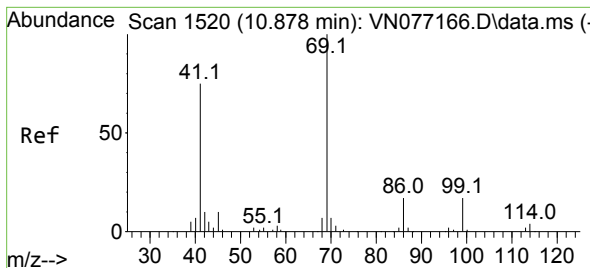
Tgt Ion: 75 Resp: 163548
 Ion Ratio Lower Upper
 75 100
 77 29.6 27.5 41.3
 39 55.5 43.5 65.3



#50
 1,1,2-Trichloroethane
 Concen: 19.185 ug/l
 RT: 11.019 min Scan# 1544
 Delta R.T. -0.000 min
 Lab File: VN077202.D
 Acq: 27 Mar 2023 14:59

Tgt Ion: 97 Resp: 101242
 Ion Ratio Lower Upper
 97 100
 83 81.2 71.0 106.4
 85 57.1 45.5 68.3
 99 70.8 51.4 77.2





#51

Ethyl methacrylate

Concen: 18.365 ug/l

RT: 10.877 min Scan# 1520

Delta R.T. -0.001 min

Lab File: VN077202.D

Acq: 27 Mar 2023 14:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

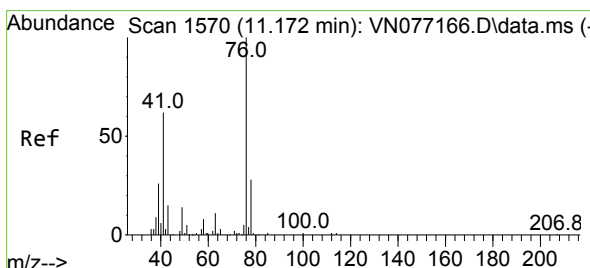
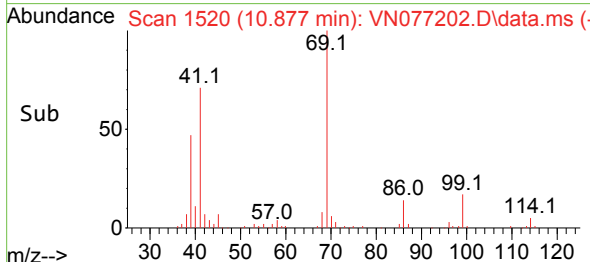
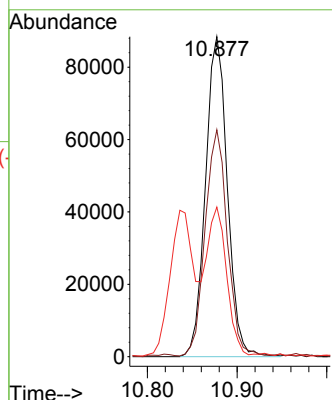
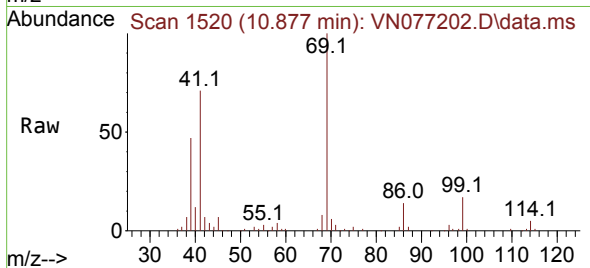
Tgt Ion: 69 Resp: 149632

Ion Ratio Lower Upper

69 100

41 70.6 36.3 108.7

39 45.9 19.9 59.7



#52

1,3-Dichloropropane

Concen: 18.931 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. -0.006 min

Lab File: VN077202.D

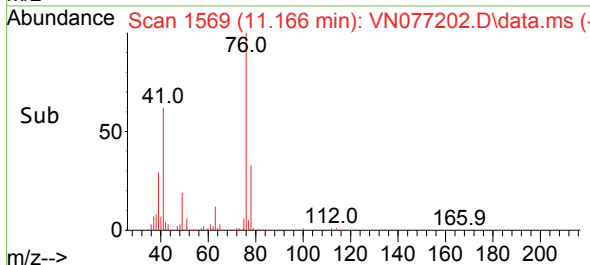
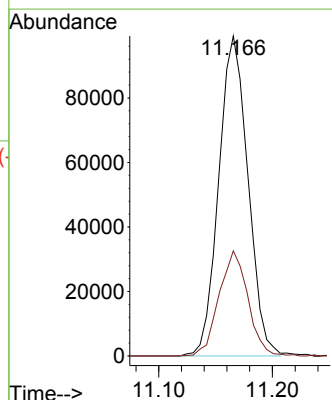
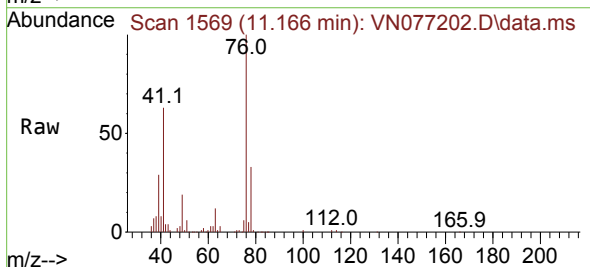
Acq: 27 Mar 2023 14:59

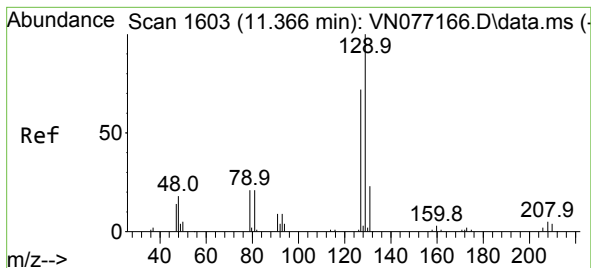
Tgt Ion: 76 Resp: 177327

Ion Ratio Lower Upper

76 100

78 32.6 0.0 65.4





#53

Dibromochloromethane

Concen: 19.167 ug/l

RT: 11.360 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN077202.D

Acq: 27 Mar 2023 14:59

Instrument :

MSVOA_N

ClientSampleId :

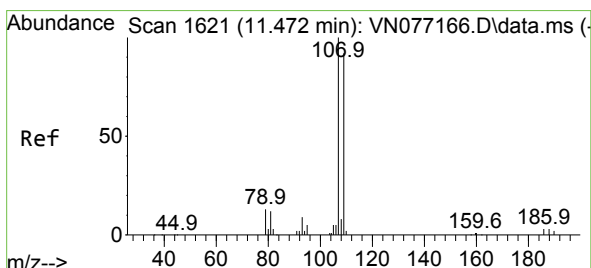
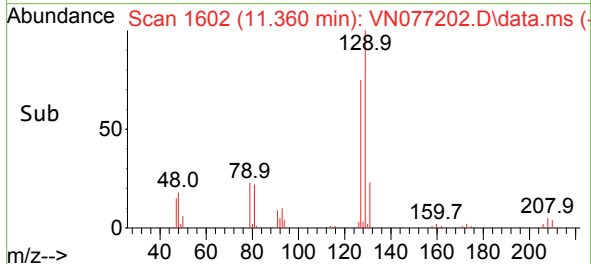
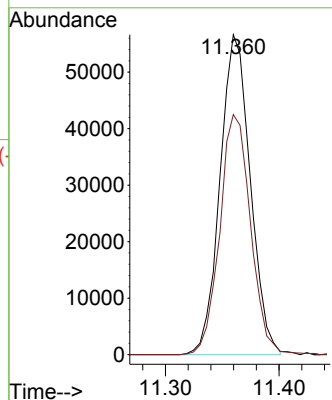
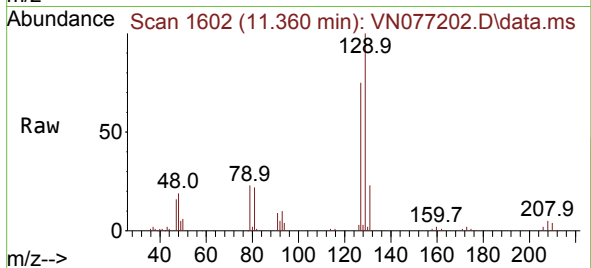
VSTDCCC020EC

Tgt Ion:129 Resp: 104725

Ion Ratio Lower Upper

129 100

127 76.5 39.4 118.1



#54

1,2-Dibromoethane

Concen: 18.483 ug/l

RT: 11.471 min Scan# 1621

Delta R.T. -0.001 min

Lab File: VN077202.D

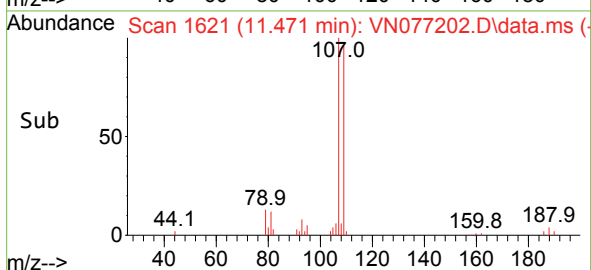
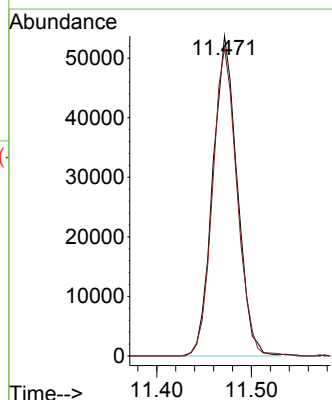
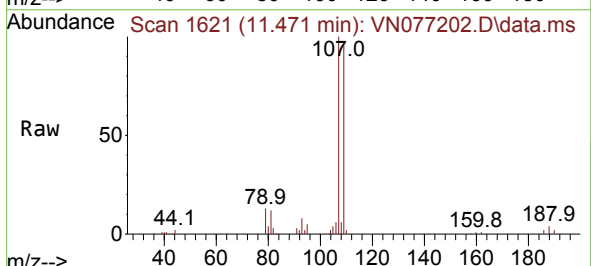
Acq: 27 Mar 2023 14:59

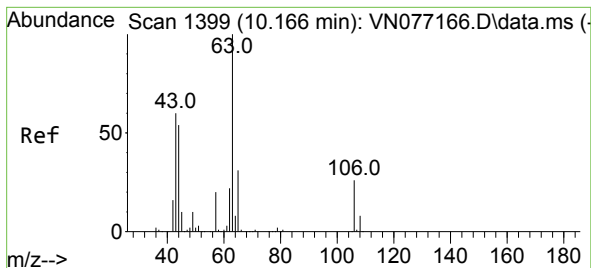
Tgt Ion:107 Resp: 95979

Ion Ratio Lower Upper

107 100

109 96.1 74.6 112.0

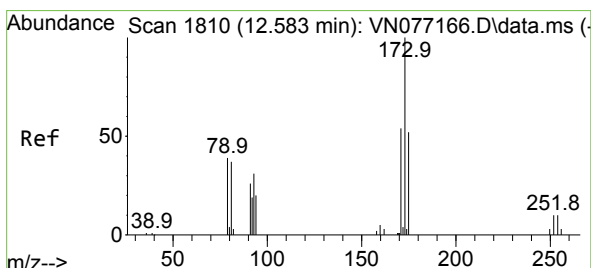
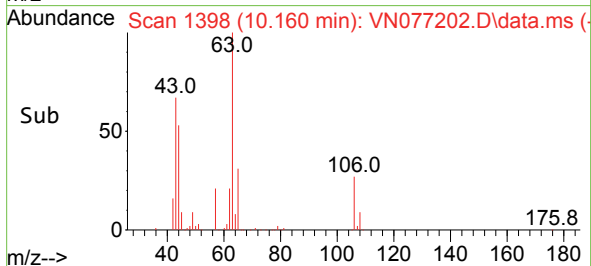
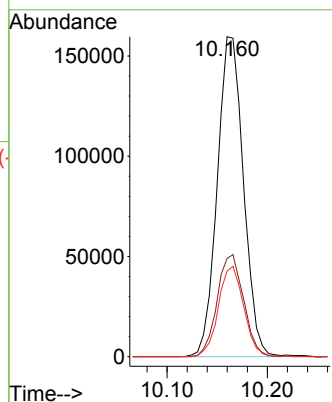
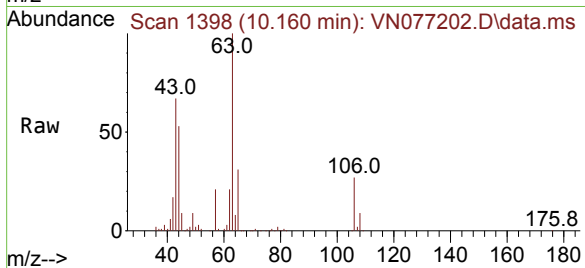




#55
2-Chloroethyl vinyl ether
Concen: 84.912 ug/l
RT: 10.160 min Scan# 1399
Delta R.T. -0.006 min
Lab File: VN077202.D
Acq: 27 Mar 2023 14:59

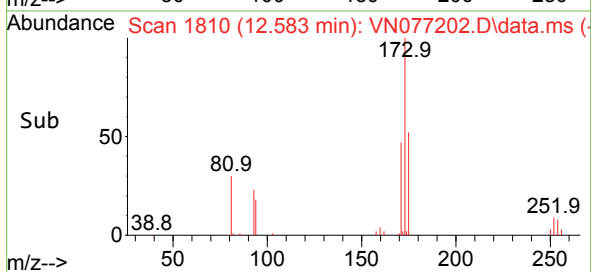
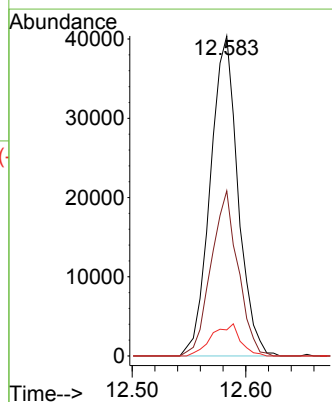
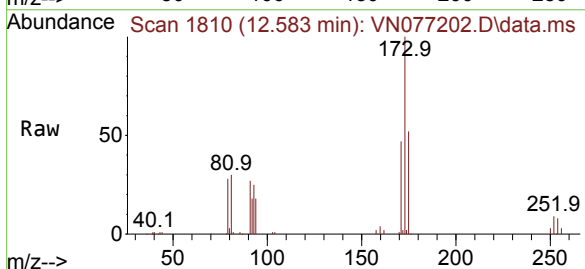
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

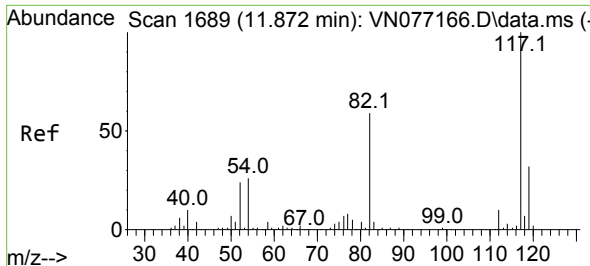
Tgt Ion: 63 Resp: 289255
Ion Ratio Lower Upper
63 100
65 32.1 26.3 39.5
106 27.3 21.6 32.4



#56
Bromoform
Concen: 17.859 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN077202.D
Acq: 27 Mar 2023 14:59

Tgt Ion: 173 Resp: 68469
Ion Ratio Lower Upper
173 100
175 50.2 37.8 56.6
254 10.3 7.3 10.9

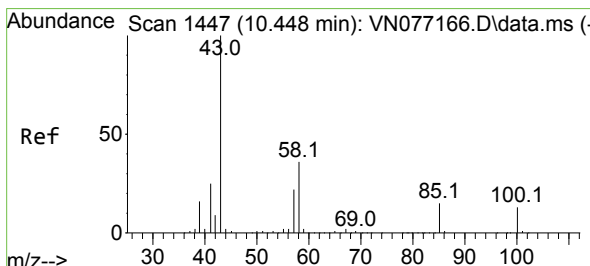
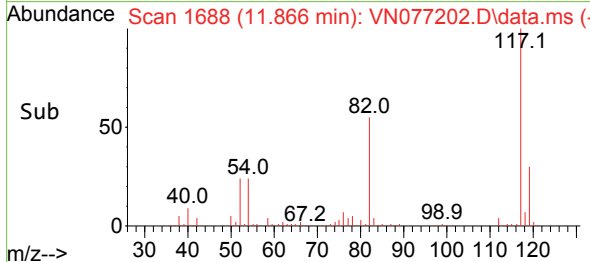
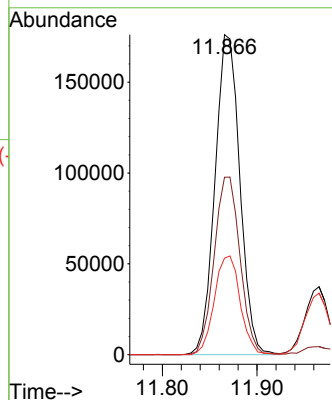
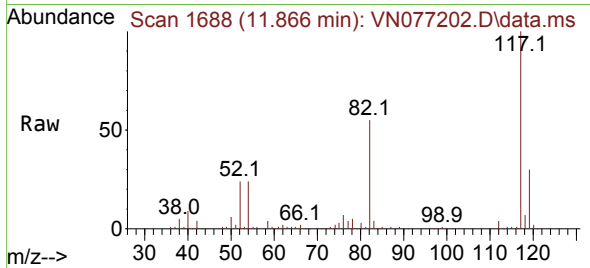




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077202.D
Acq: 27 Mar 2023 14:59

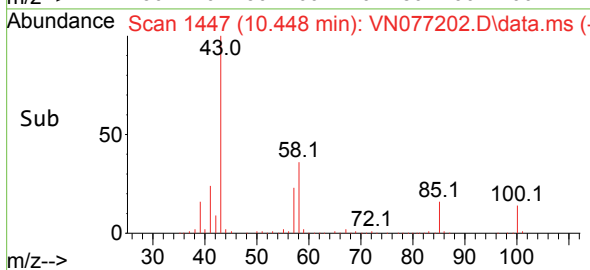
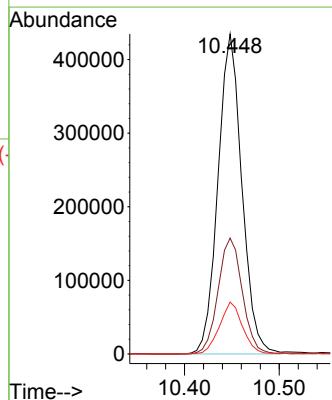
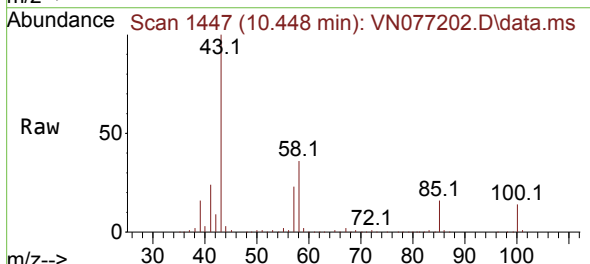
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

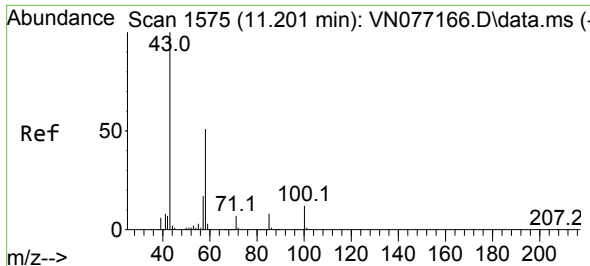
Tgt Ion:117 Resp: 321838
Ion Ratio Lower Upper
117 100
82 57.5 45.4 68.0
119 32.0 26.8 40.2



#58
4-Methyl-2-Pentanone
Concen: 91.788 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077202.D
Acq: 27 Mar 2023 14:59

Tgt Ion: 43 Resp: 762427
Ion Ratio Lower Upper
43 100
58 36.7 28.6 42.8
85 15.8 11.8 17.8

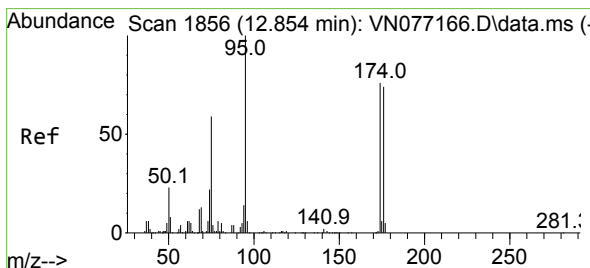
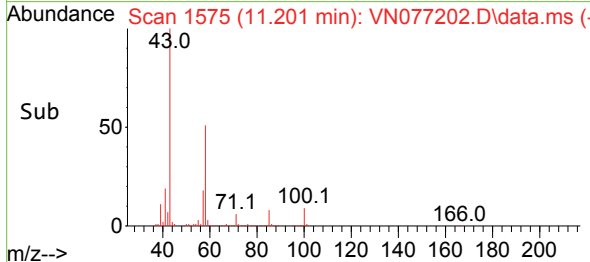
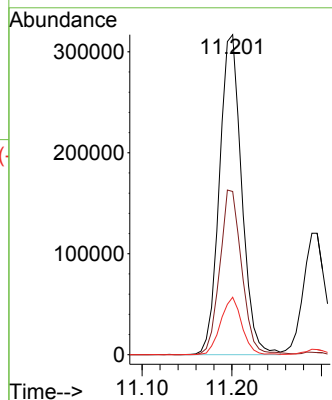
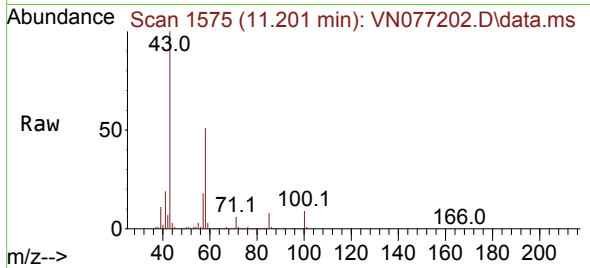




#59
2-Hexanone
Concen: 90.170 ug/l
RT: 11.201 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077202.D
Acq: 27 Mar 2023 14:59

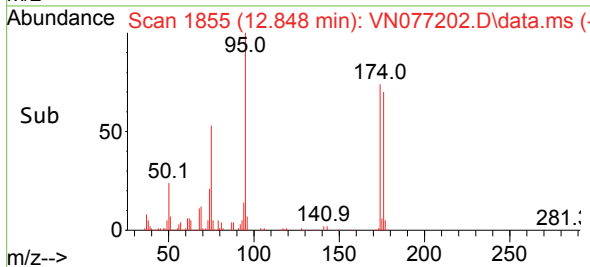
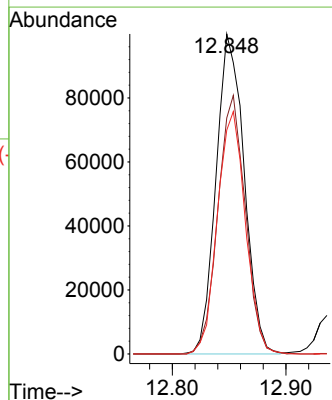
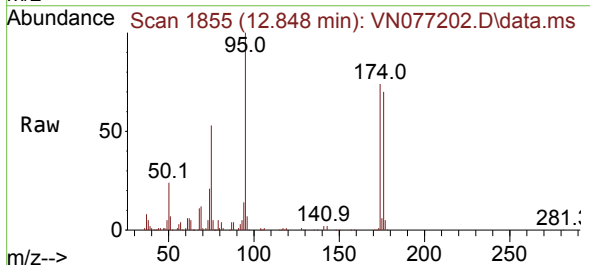
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

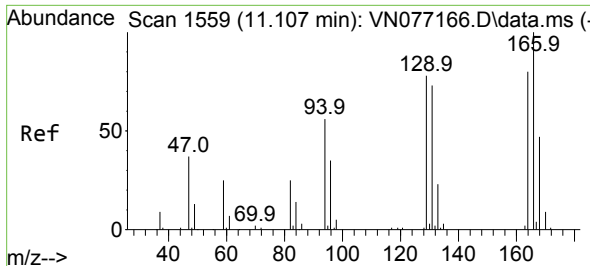
Tgt Ion: 43 Resp: 546108
Ion Ratio Lower Upper
43 100
58 50.8 40.6 60.8
57 17.0 13.1 19.7



#60
4-Bromofluorobenzene
Concen: 29.747 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.006 min
Lab File: VN077202.D
Acq: 27 Mar 2023 14:59

Tgt Ion: 95 Resp: 171987
Ion Ratio Lower Upper
95 100
174 78.7 64.2 96.4
176 75.6 61.4 92.0

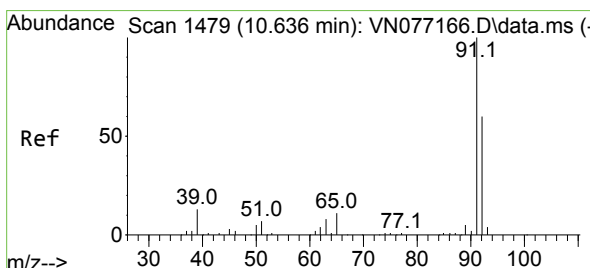
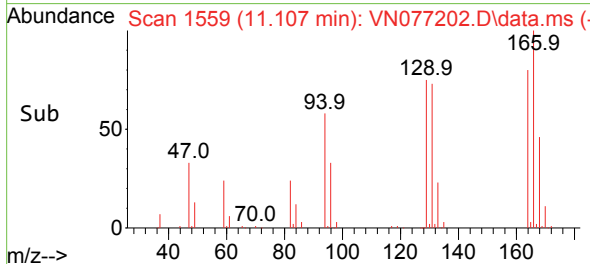
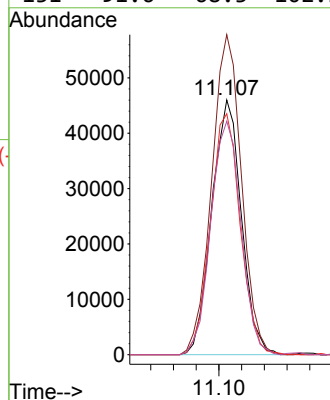
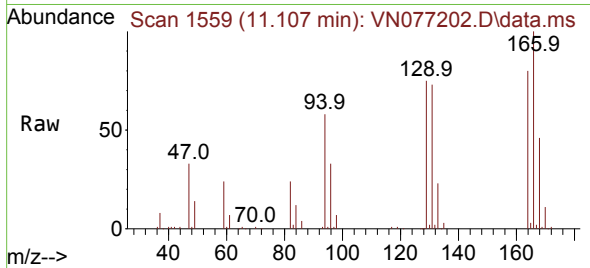




#61
Tetrachloroethene
Concen: 20.609 ug/l
RT: 11.107 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077202.D
Acq: 27 Mar 2023 14:59

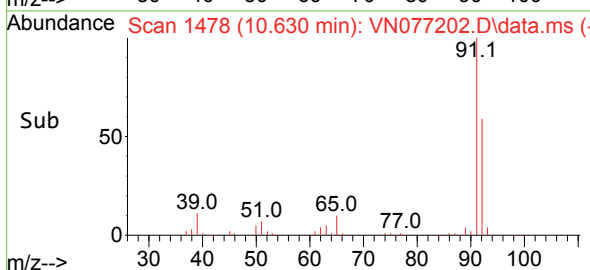
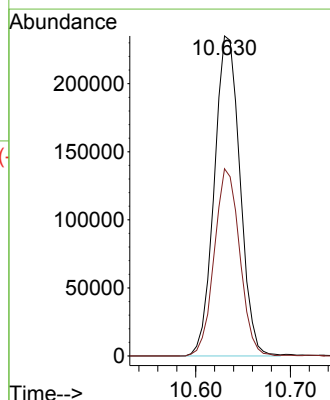
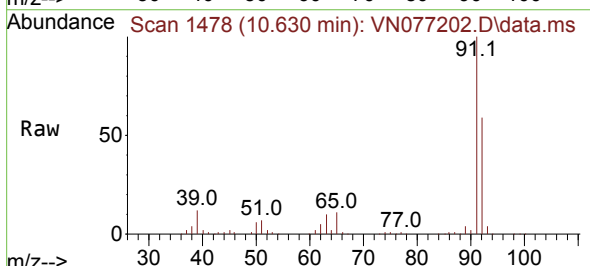
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

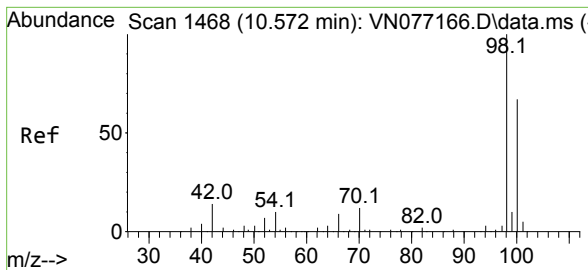
Tgt Ion:164 Resp: 83247
Ion Ratio Lower Upper
164 100
166 125.6 96.2 144.2
129 94.6 78.2 117.4
131 91.6 68.3 102.5



#62
Toluene
Concen: 19.611 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.006 min
Lab File: VN077202.D
Acq: 27 Mar 2023 14:59

Tgt Ion: 91 Resp: 443583
Ion Ratio Lower Upper
91 100
92 57.7 46.3 69.5

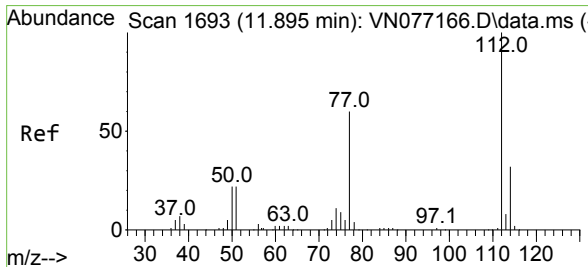
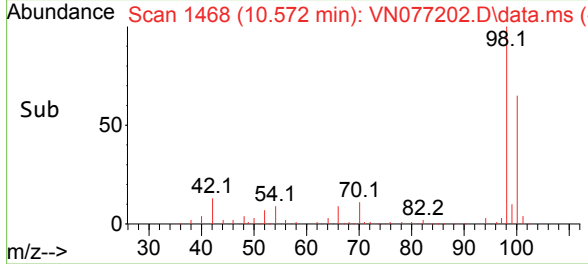
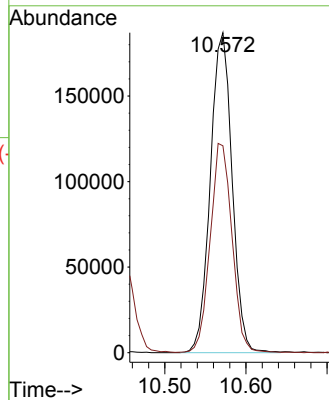
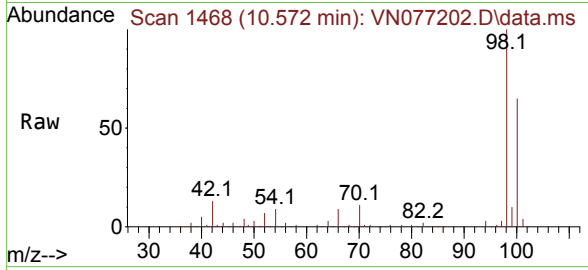




#63
Toluene-d8
Concen: 30.337 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077202.D
Acq: 27 Mar 2023 14:59

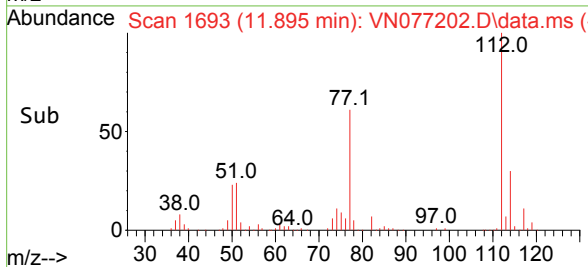
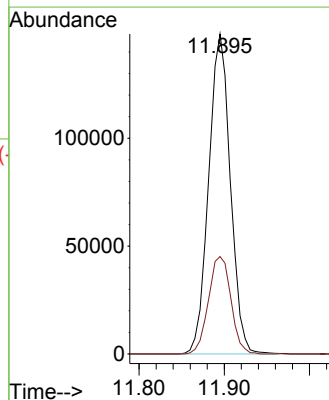
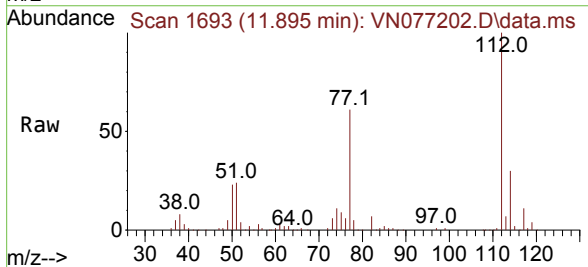
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

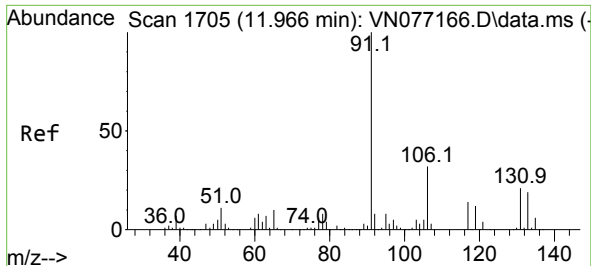
Tgt Ion: 98 Resp: 348528
Ion Ratio Lower Upper
98 100
100 65.6 53.8 80.6



#64
Chlorobenzene
Concen: 19.584 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VN077202.D
Acq: 27 Mar 2023 14:59

Tgt Ion: 112 Resp: 262076
Ion Ratio Lower Upper
112 100
114 30.5 24.5 36.7

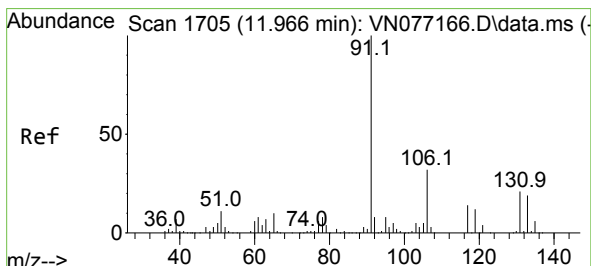
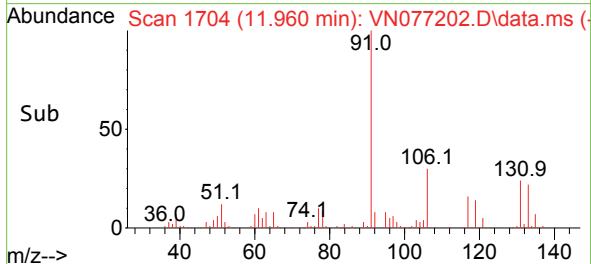
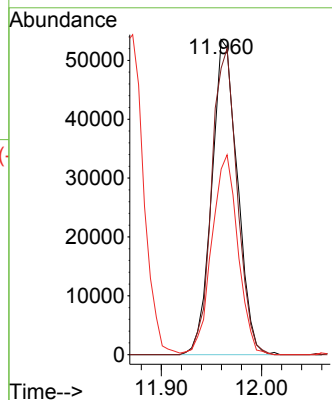
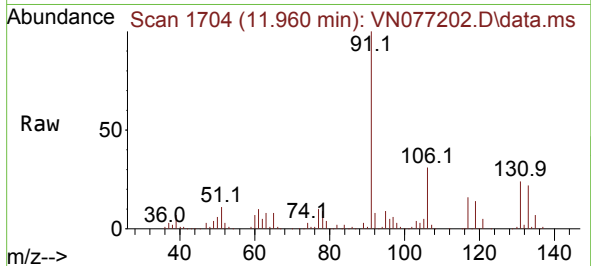




#65
1,1,1,2-Tetrachloroethane
Concen: 19.348 ug/l
RT: 11.960 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077202.D
Acq: 27 Mar 2023 14:59

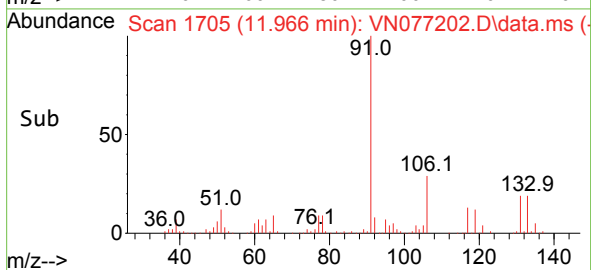
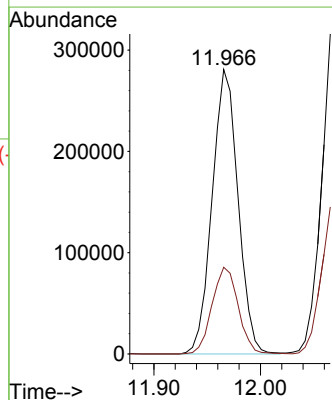
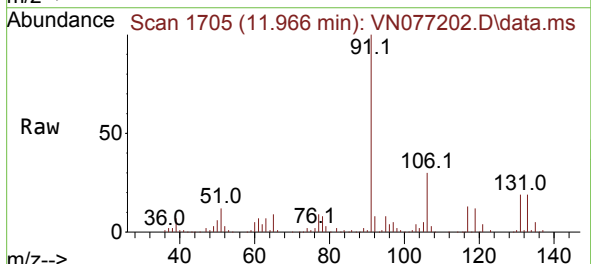
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

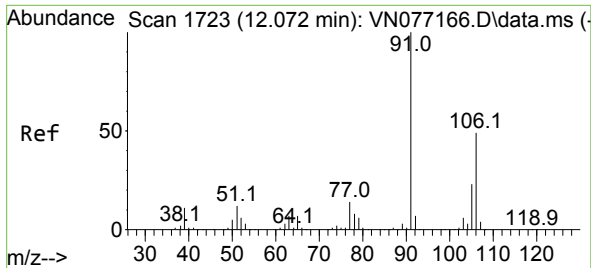
Tgt Ion:131 Resp: 95090
Ion Ratio Lower Upper
131 100
133 96.4 0.0 197.6
119 64.6 0.0 127.8



#66
Ethyl Benzene
Concen: 19.494 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077202.D
Acq: 27 Mar 2023 14:59

Tgt Ion: 91 Resp: 473793
Ion Ratio Lower Upper
91 100
106 30.5 23.8 35.8

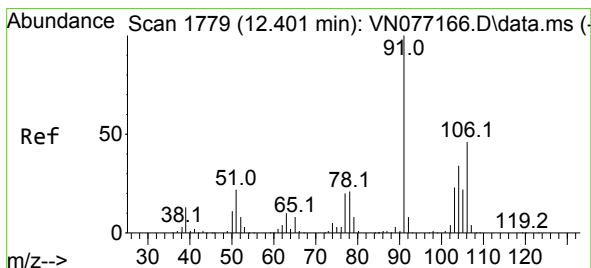
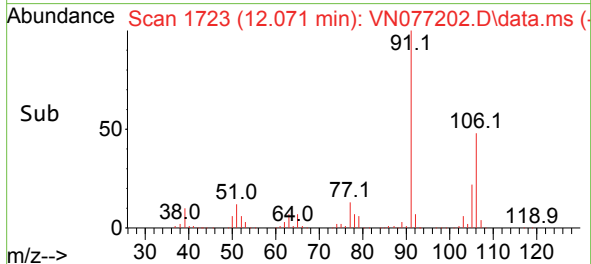
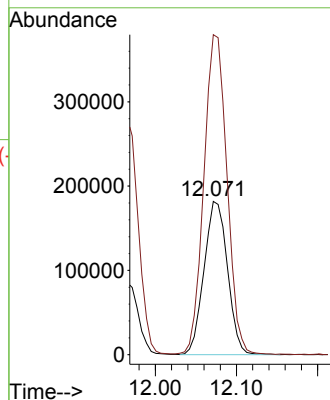
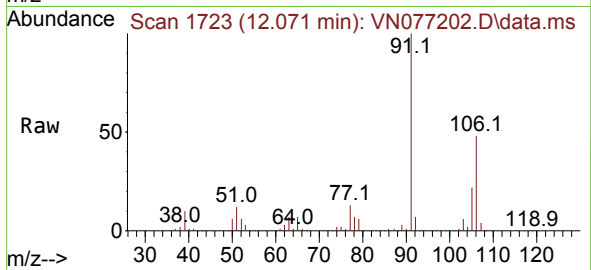




#67
m/p-Xylenes
Concen: 39.066 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.001 min
Lab File: VN077202.D
Acq: 27 Mar 2023 14:59

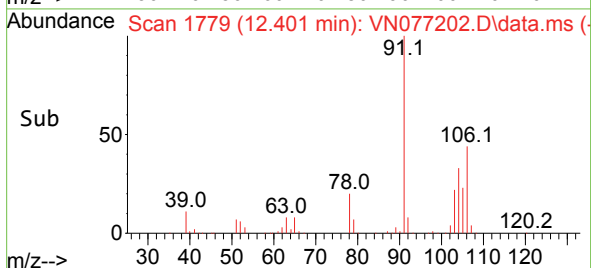
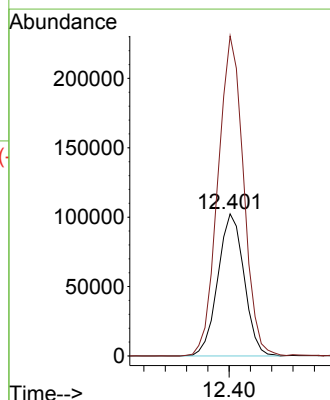
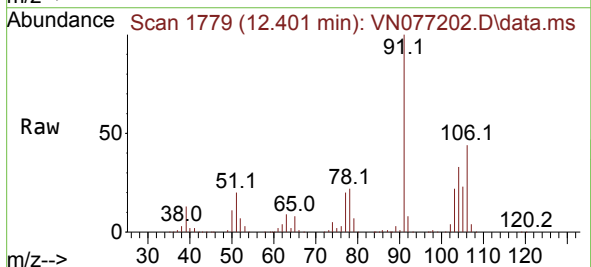
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

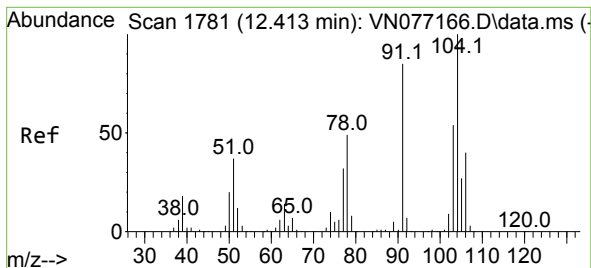
Tgt Ion:106 Resp: 365395
Ion Ratio Lower Upper
106 100
91 205.9 157.4 236.2



#68
o-Xylene
Concen: 19.109 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077202.D
Acq: 27 Mar 2023 14:59

Tgt Ion:106 Resp: 174994
Ion Ratio Lower Upper
106 100
91 220.1 107.2 321.6





#69

Styrene

Concen: 18.897 ug/l

RT: 12.413 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077202.D

Acq: 27 Mar 2023 14:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

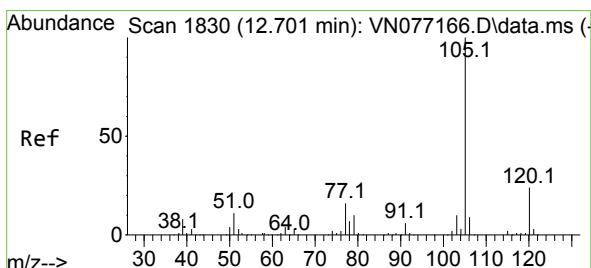
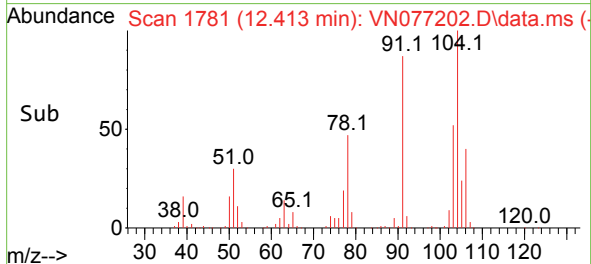
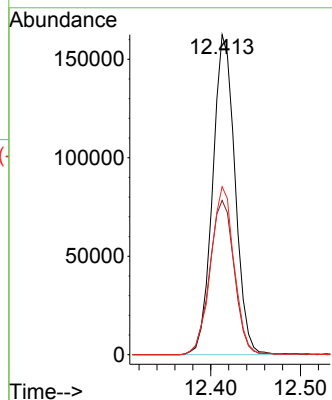
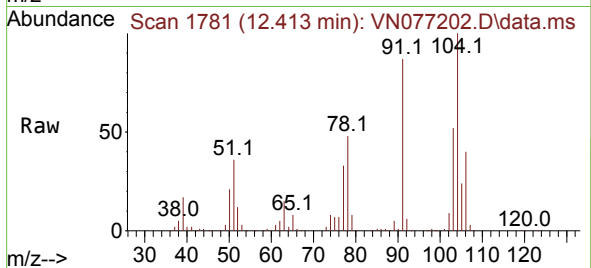
Tgt Ion:104 Resp: 281017

Ion Ratio Lower Upper

104 100

78 52.8 39.6 59.4

103 54.9 43.9 65.9



#70

Isopropylbenzene

Concen: 19.586 ug/l

RT: 12.701 min Scan# 1830

Delta R.T. -0.000 min

Lab File: VN077202.D

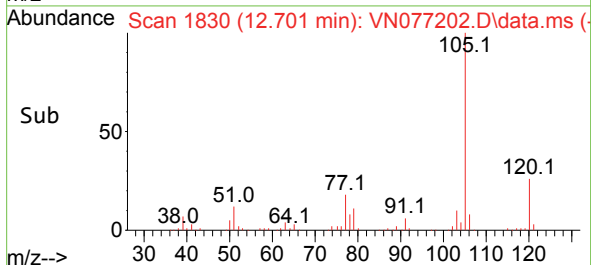
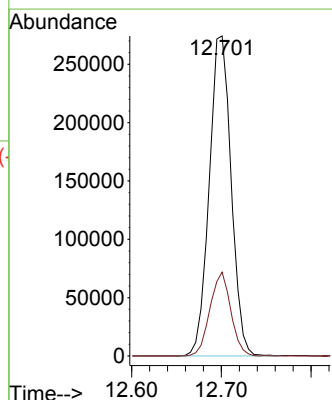
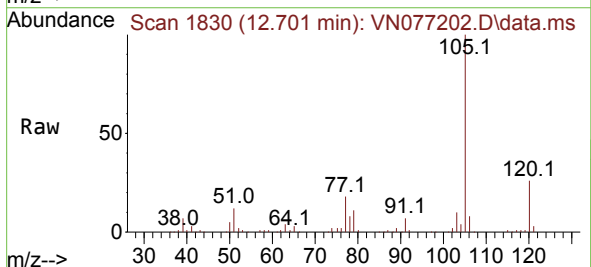
Acq: 27 Mar 2023 14:59

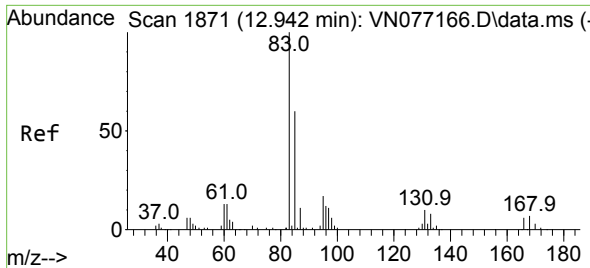
Tgt Ion:105 Resp: 465110

Ion Ratio Lower Upper

105 100

120 24.8 19.0 35.2

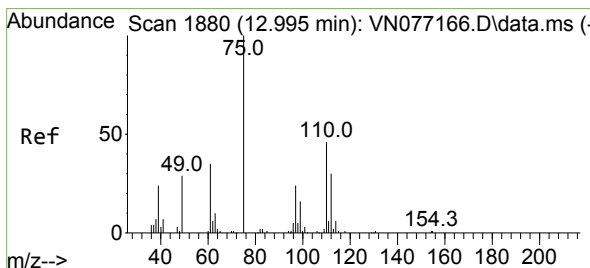
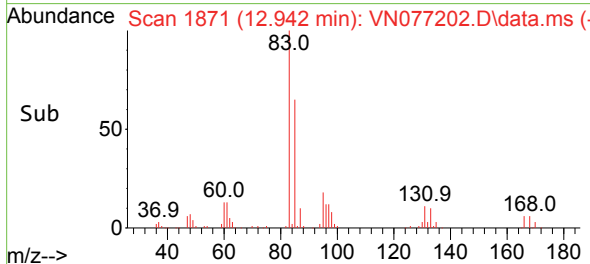
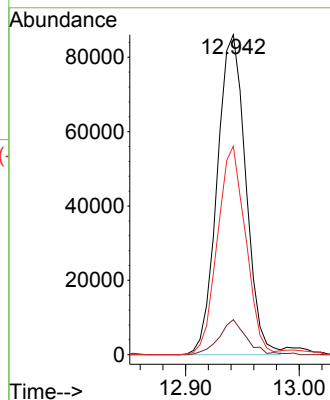
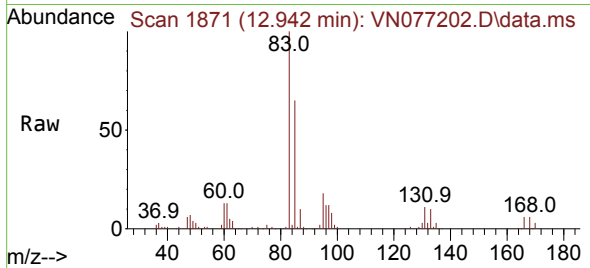




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.389 ug/l
 RT: 12.942 min Scan# 1871
 Delta R.T. -0.000 min
 Lab File: VN077202.D
 Acq: 27 Mar 2023 14:59

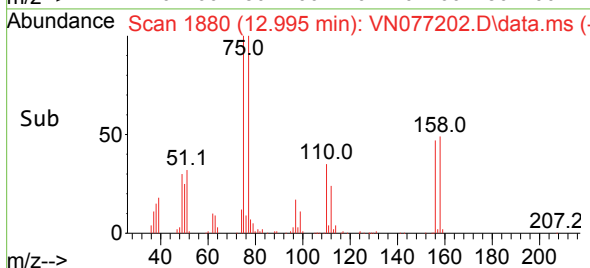
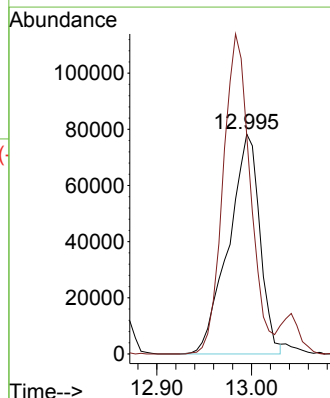
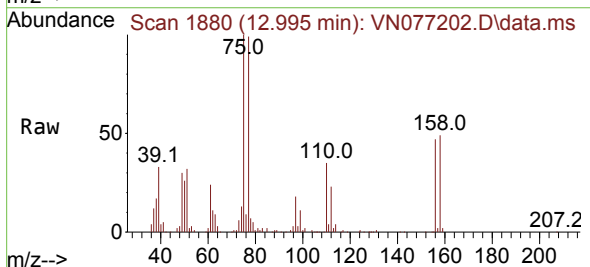
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

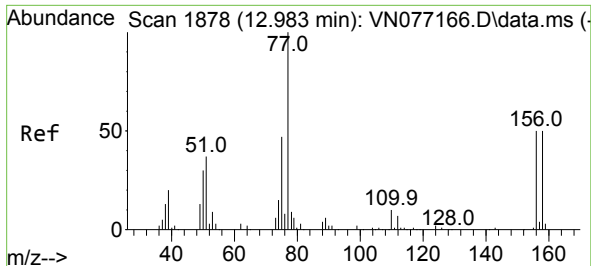
Tgt Ion: 83 Resp: 150716
 Ion Ratio Lower Upper
 83 100
 131 10.2 5.0 14.9
 85 64.3 32.3 96.9



#72
 1,2,3-Trichloropropane
 Concen: 26.093 ug/l
 RT: 12.995 min Scan# 1880
 Delta R.T. -0.000 min
 Lab File: VN077202.D
 Acq: 27 Mar 2023 14:59

Tgt Ion: 75 Resp: 179528
 Ion Ratio Lower Upper
 75 100
 77 126.7 0.0 332.6

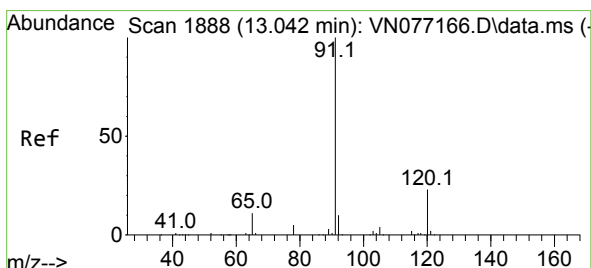
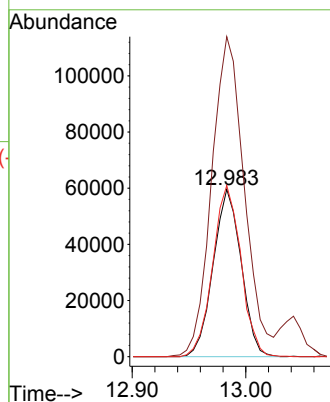
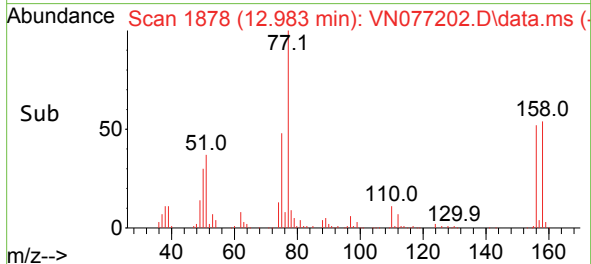
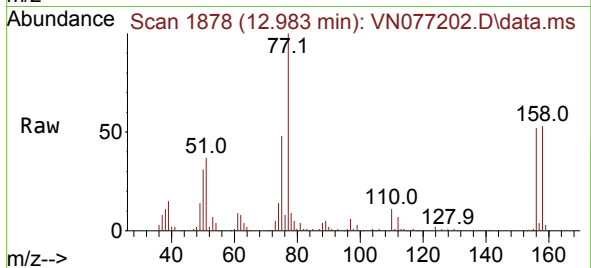




#73
Bromobenzene
Concen: 19.161 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077202.D
Acq: 27 Mar 2023 14:59

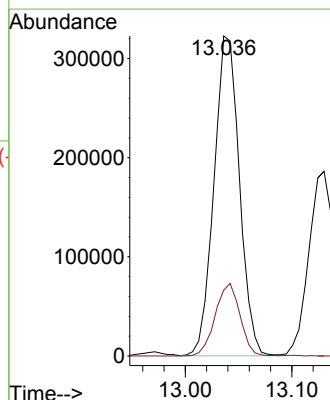
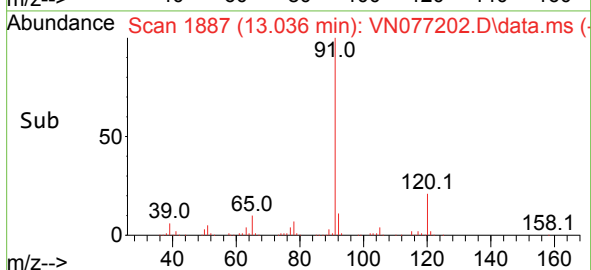
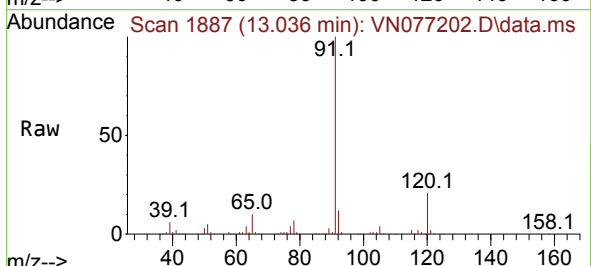
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

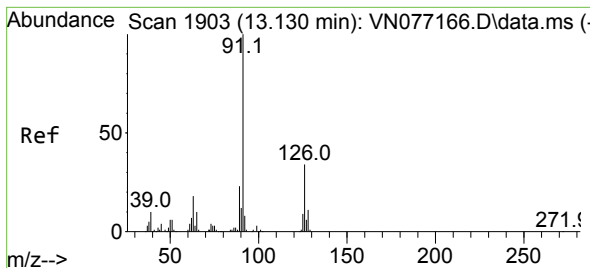
Tgt Ion:156 Resp: 101725
Ion Ratio Lower Upper
156 100
77 223.5 0.0 423.0
158 103.5 0.0 188.6



#74
n-propylbenzene
Concen: 19.478 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.006 min
Lab File: VN077202.D
Acq: 27 Mar 2023 14:59

Tgt Ion: 91 Resp: 535489
Ion Ratio Lower Upper
91 100
120 22.0 0.0 44.0

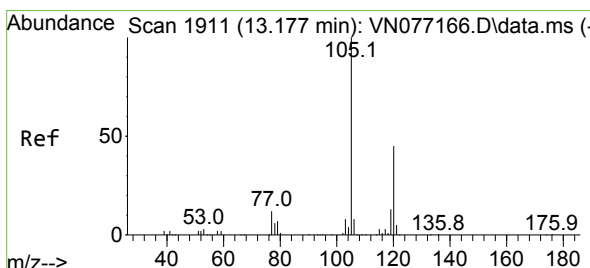
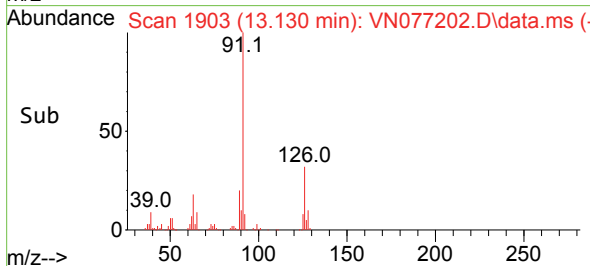
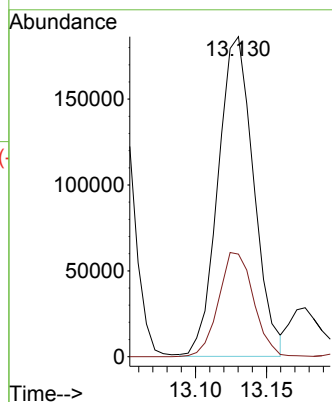
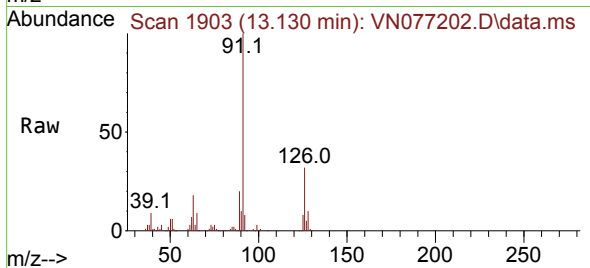




#75
2-Chlorotoluene
Concen: 19.636 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077202.D
Acq: 27 Mar 2023 14:59

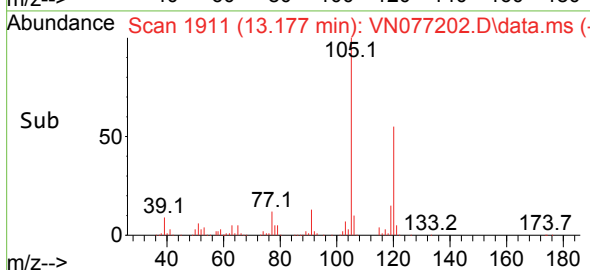
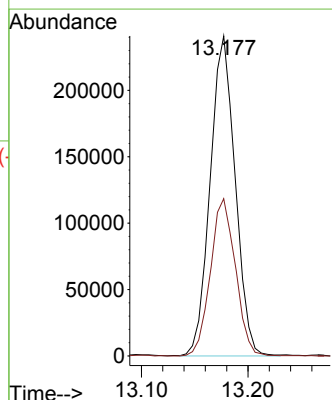
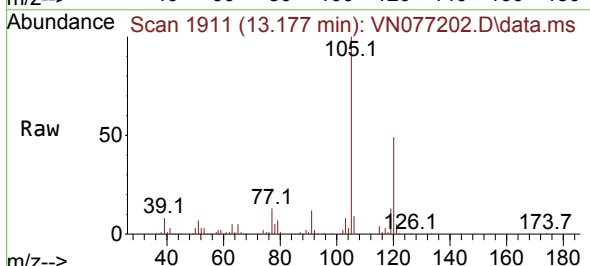
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

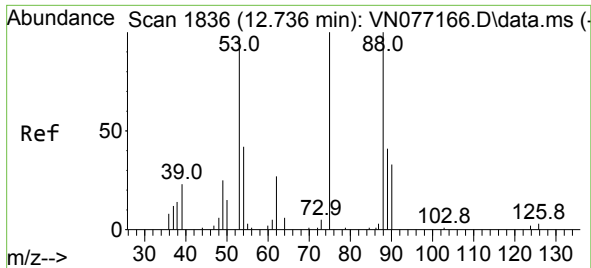
Tgt Ion: 91 Resp: 325494
Ion Ratio Lower Upper
91 100
126 32.1 0.0 66.4



#76
1,3,5-Trimethylbenzene
Concen: 19.935 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077202.D
Acq: 27 Mar 2023 14:59

Tgt Ion: 105 Resp: 392951
Ion Ratio Lower Upper
105 100
120 49.2 0.0 103.2

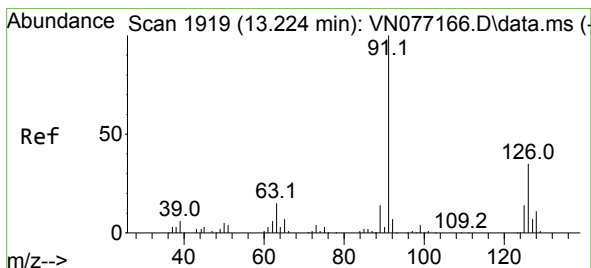
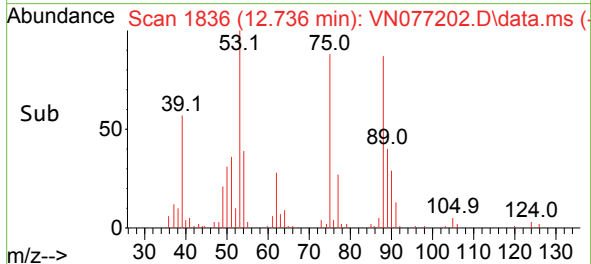
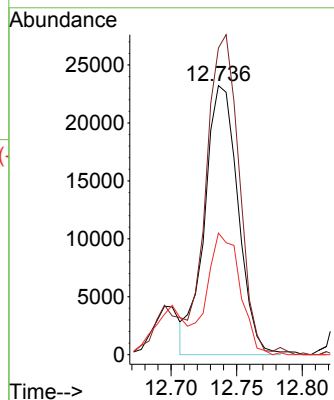
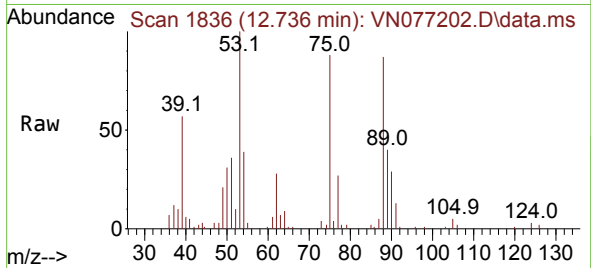




#77
t-1,4-Dichloro-2-butene
Concen: 18.865 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN077202.D
Acq: 27 Mar 2023 14:59

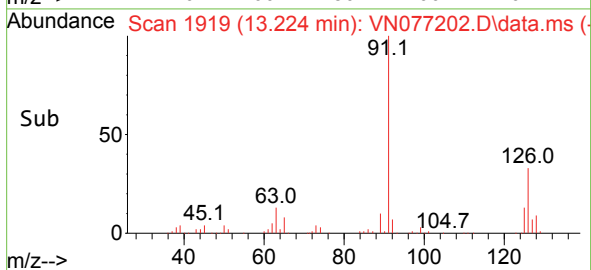
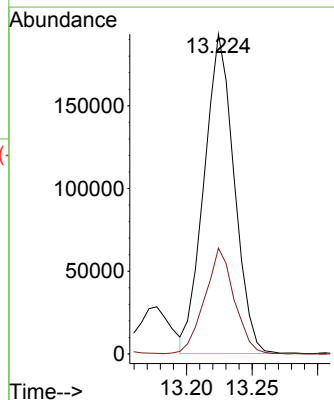
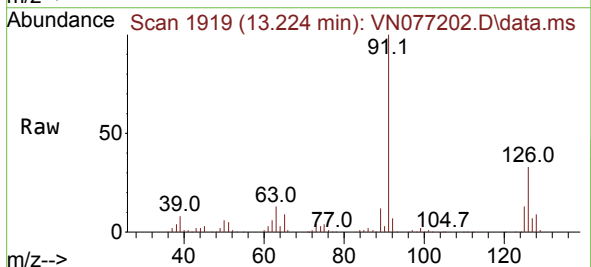
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

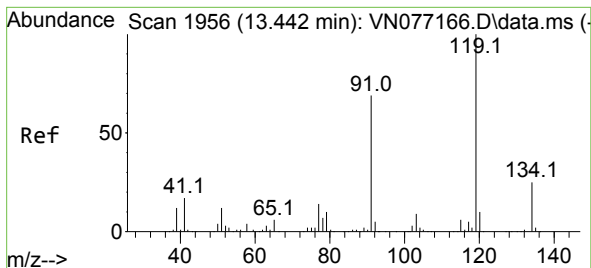
Tgt Ion: 75 Resp: 41376
Ion Ratio Lower Upper
75 100
53 112.4 50.4 151.3
89 45.0 22.1 66.5



#78
4-Chlorotoluene
Concen: 19.376 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077202.D
Acq: 27 Mar 2023 14:59

Tgt Ion: 91 Resp: 308960
Ion Ratio Lower Upper
91 100
126 32.5 0.0 70.6

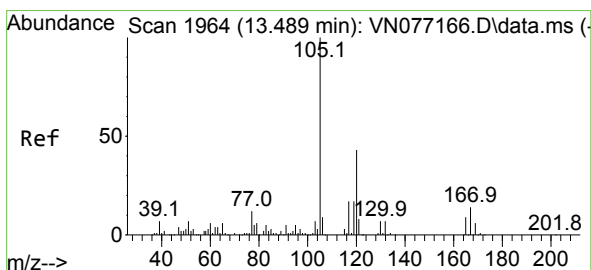
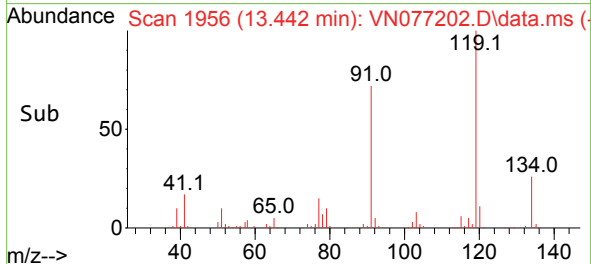
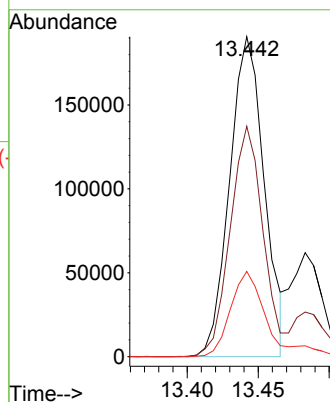
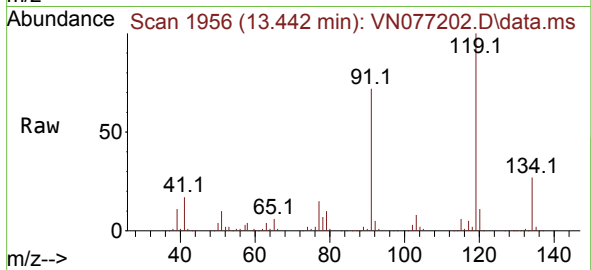




#79
tert-butylbenzene
Concen: 19.231 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077202.D
Acq: 27 Mar 2023 14:59

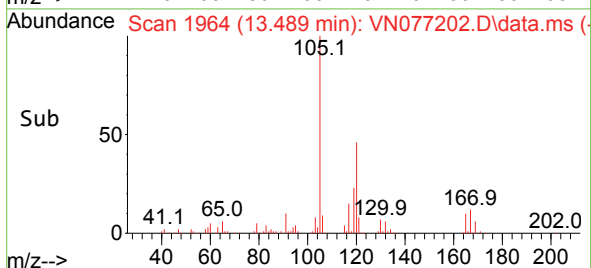
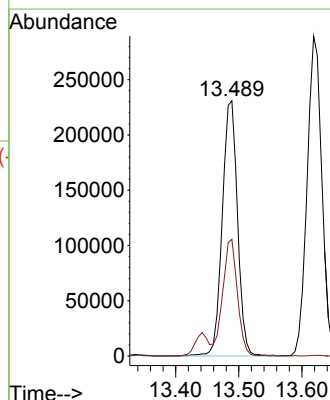
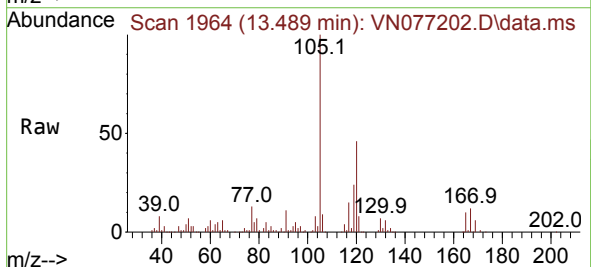
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

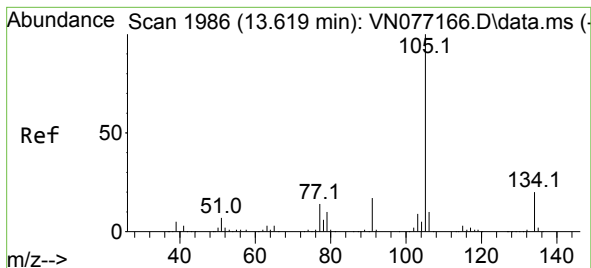
Tgt Ion:119 Resp: 323848
Ion Ratio Lower Upper
119 100
91 69.4 0.0 129.6
134 25.4 0.0 47.8



#80
1,2,4-Trimethylbenzene
Concen: 19.792 ug/l
RT: 13.489 min Scan# 1964
Delta R.T. 0.000 min
Lab File: VN077202.D
Acq: 27 Mar 2023 14:59

Tgt Ion:105 Resp: 387169
Ion Ratio Lower Upper
105 100
120 44.7 0.0 93.2

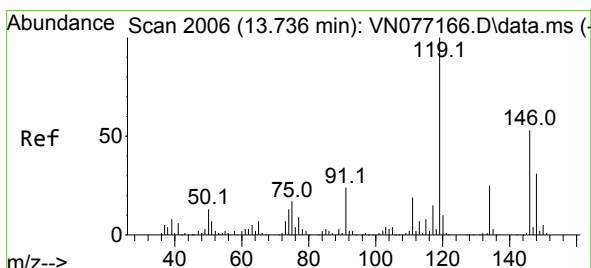
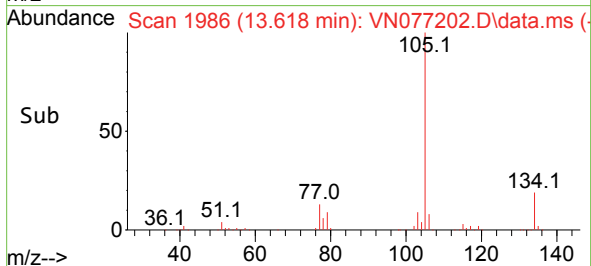
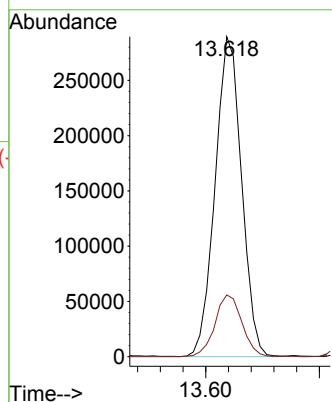
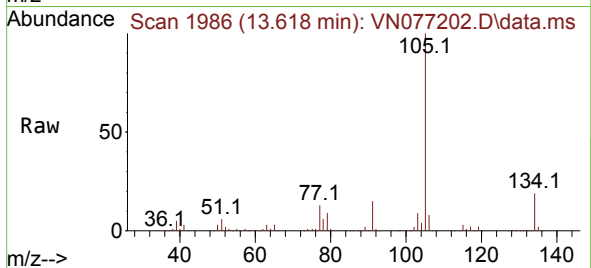




#81
 sec-Butylbenzene
 Concen: 19.245 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN077202.D
 Acq: 27 Mar 2023 14:59

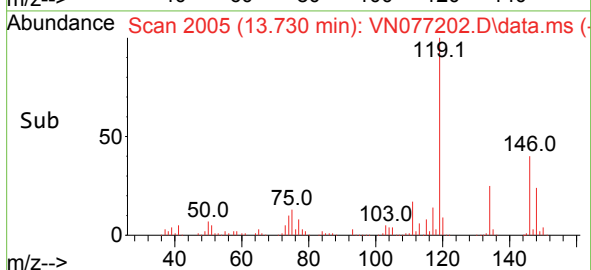
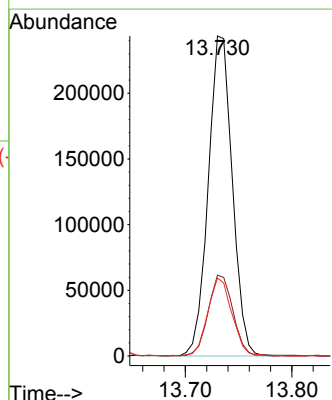
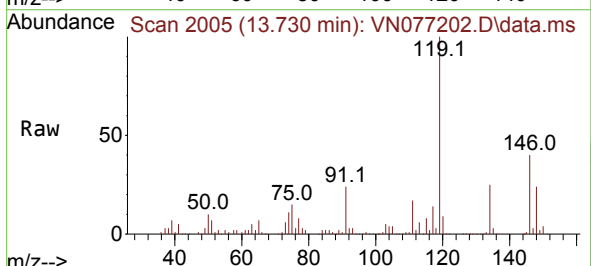
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

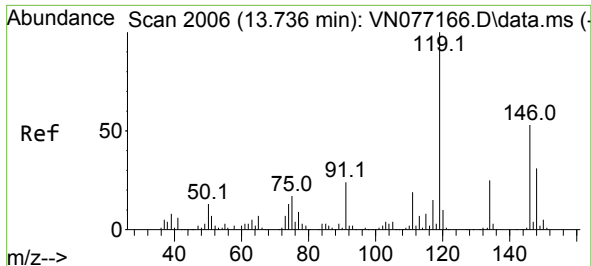
Tgt Ion:105 Resp: 467934
 Ion Ratio Lower Upper
 105 100
 134 19.7 0.0 39.4



#82
 p-Isopropyltoluene
 Concen: 19.655 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. -0.006 min
 Lab File: VN077202.D
 Acq: 27 Mar 2023 14:59

Tgt Ion:119 Resp: 383094
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 53.4
 91 24.5 0.0 47.2

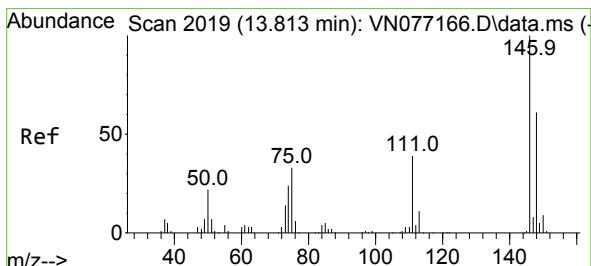
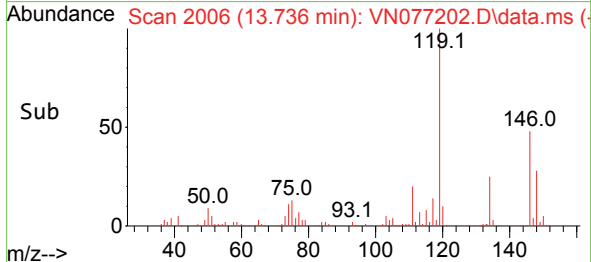
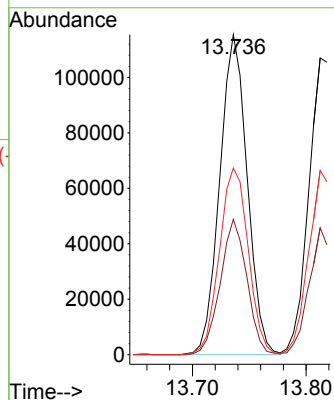
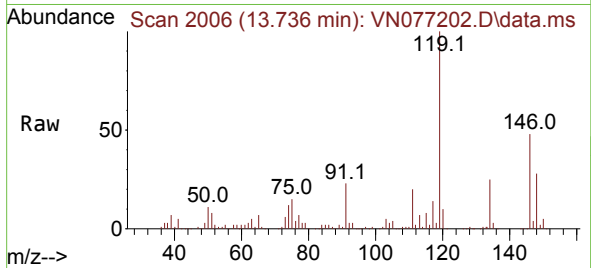




#83
 1,3-Dichlorobenzene
 Concen: 19.751 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.000 min
 Lab File: VN077202.D
 Acq: 27 Mar 2023 14:59

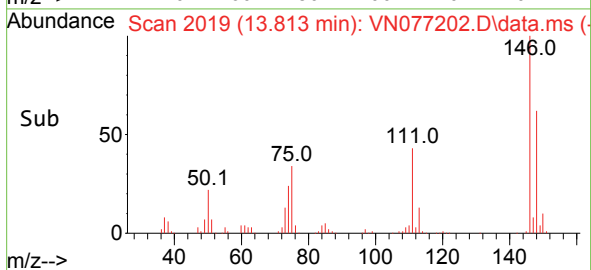
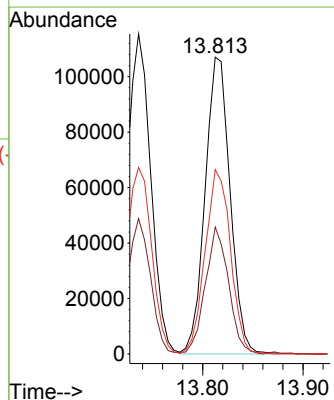
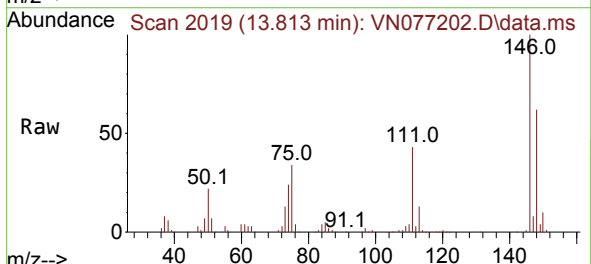
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

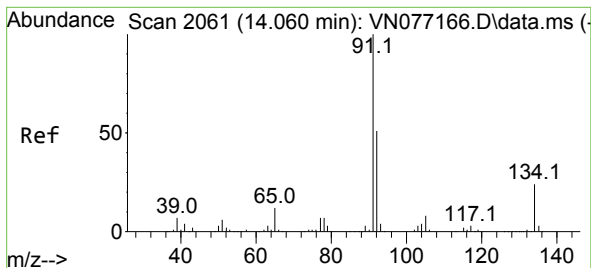
Tgt Ion:146 Resp: 194156
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.3 60.8
 148 61.2 31.9 95.5



#84
 1,4-Dichlorobenzene
 Concen: 19.389 ug/l
 RT: 13.813 min Scan# 2019
 Delta R.T. -0.001 min
 Lab File: VN077202.D
 Acq: 27 Mar 2023 14:59

Tgt Ion:146 Resp: 185676
 Ion Ratio Lower Upper
 146 100
 111 39.7 18.2 54.6
 148 63.1 31.1 93.2





#85

n-Butylbenzene

Concen: 18.467 ug/l

RT: 14.060 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VN077202.D

Acq: 27 Mar 2023 14:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

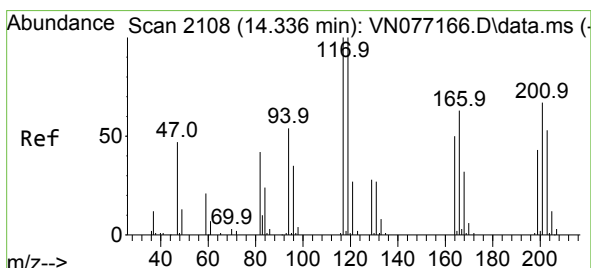
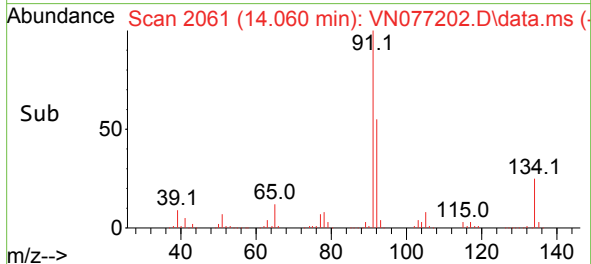
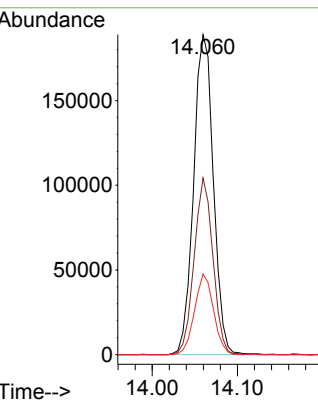
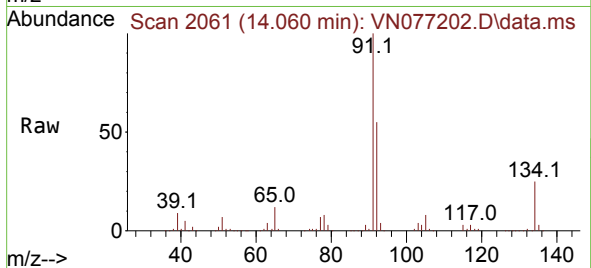
Tgt Ion: 91 Resp: 304235

Ion Ratio Lower Upper

91 100

92 52.4 0.0 103.2

134 24.3 0.0 50.0



#86

Hexachloroethane

Concen: 18.685 ug/l

RT: 14.336 min Scan# 2108

Delta R.T. 0.000 min

Lab File: VN077202.D

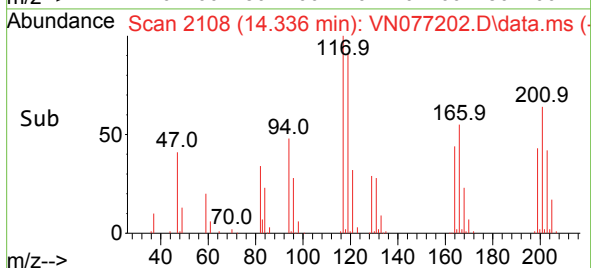
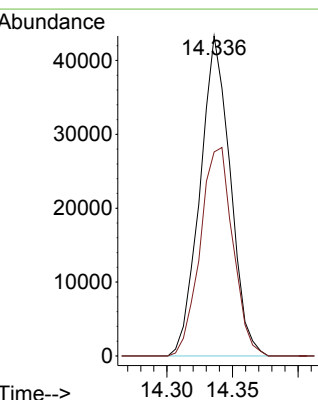
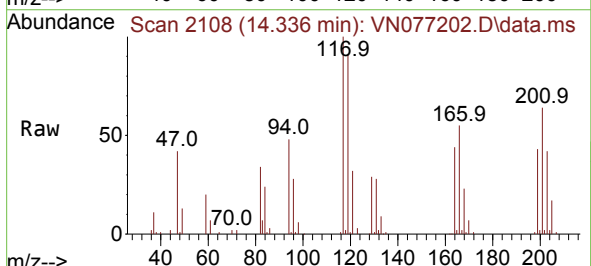
Acq: 27 Mar 2023 14:59

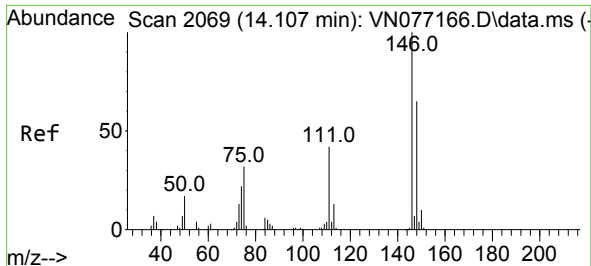
Tgt Ion: 117 Resp: 69449

Ion Ratio Lower Upper

117 100

201 70.3 32.2 96.6

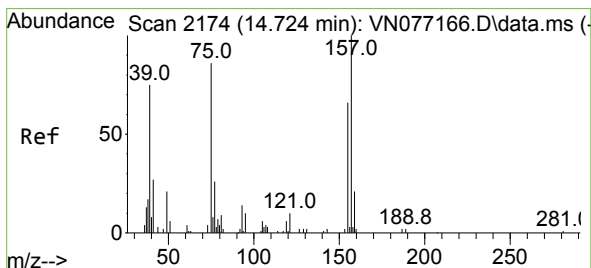
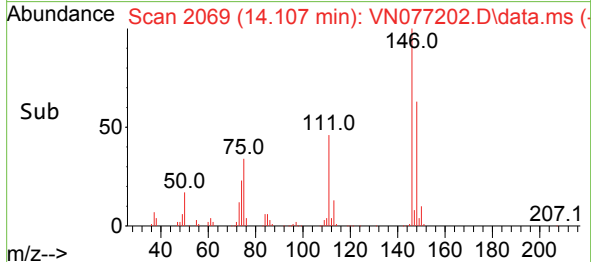
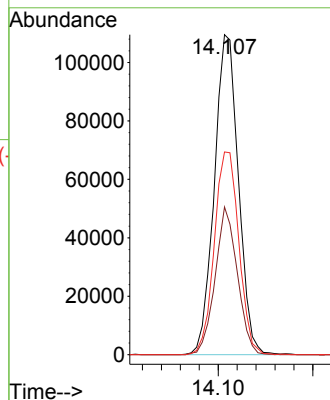
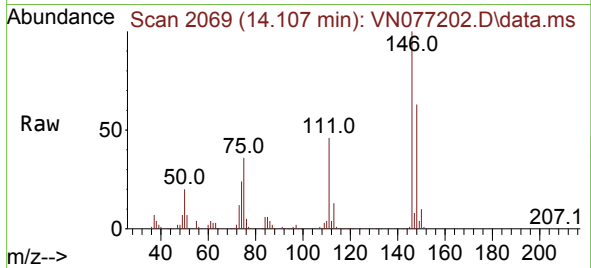




#87
1,2-Dichlorobenzene
Concen: 19.722 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN077202.D
Acq: 27 Mar 2023 14:59

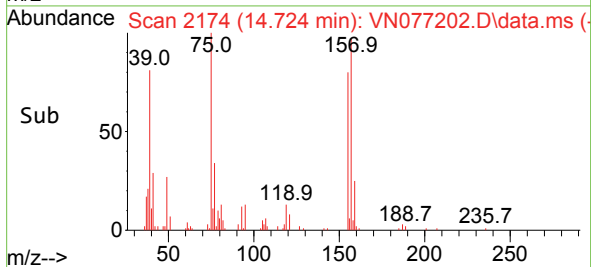
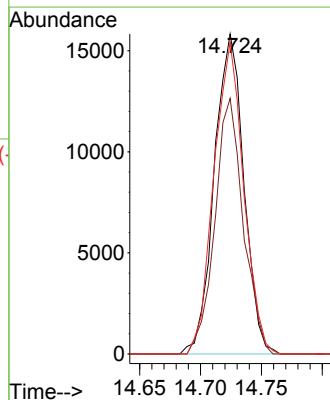
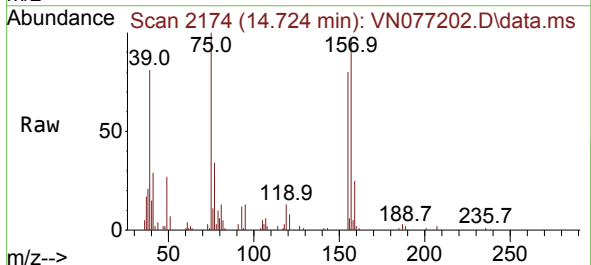
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

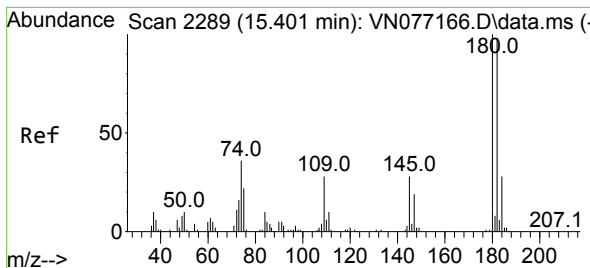
Tgt Ion:146 Resp: 193878
Ion Ratio Lower Upper
146 100
111 42.6 20.5 61.6
148 64.5 32.5 97.5



#88
1,2-Dibromo-3-Chloropropane
Concen: 17.926 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077202.D
Acq: 27 Mar 2023 14:59

Tgt Ion: 75 Resp: 26736
Ion Ratio Lower Upper
75 100
155 76.9 62.5 93.7
157 98.0 77.5 116.3





#89

1,2,4-Trichlorobenzene

Concen: 17.451 ug/l

RT: 15.395 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN077202.D

Acq: 27 Mar 2023 14:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

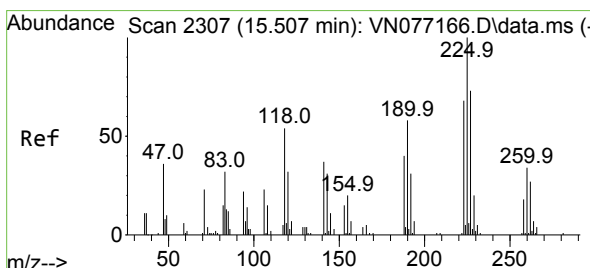
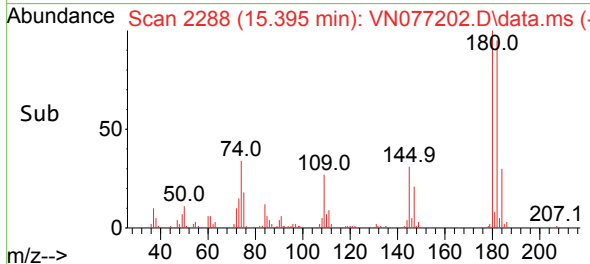
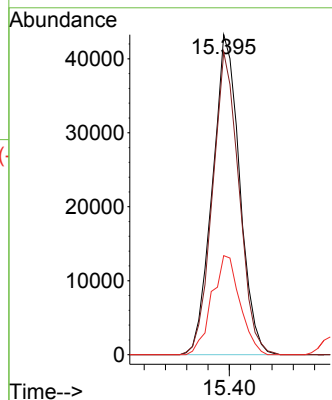
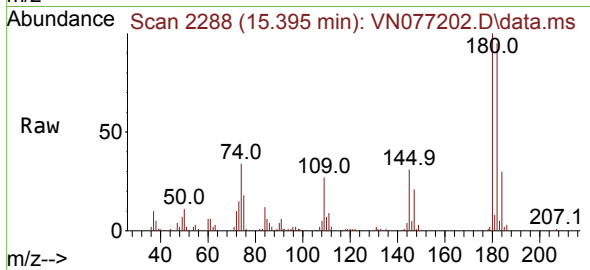
Tgt Ion:180 Resp: 76530

Ion Ratio Lower Upper

180 100

182 92.1 76.6 115.0

145 31.9 24.6 36.8



#90

Hexachlorobutadiene

Concen: 20.056 ug/l

RT: 15.507 min Scan# 2307

Delta R.T. -0.000 min

Lab File: VN077202.D

Acq: 27 Mar 2023 14:59

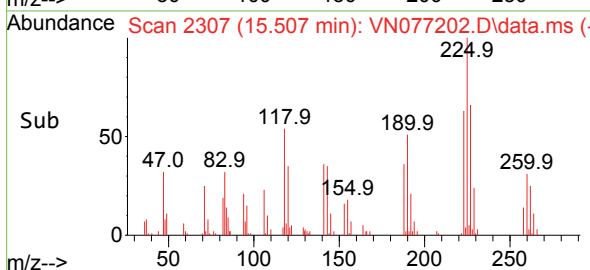
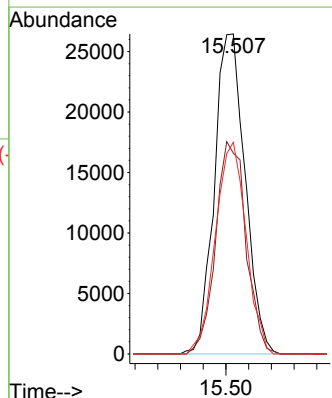
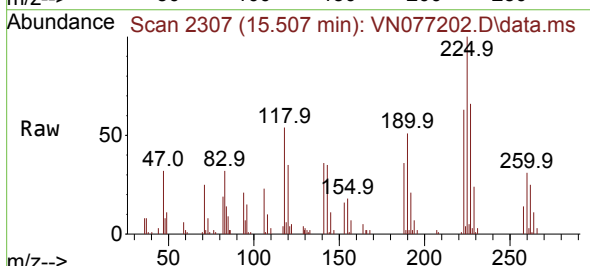
Tgt Ion:225 Resp: 49617

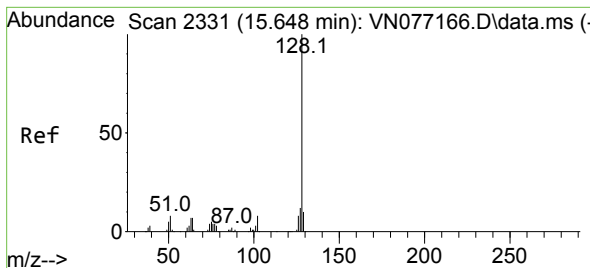
Ion Ratio Lower Upper

225 100

223 65.3 0.0 135.4

227 66.1 0.0 129.4





#91

Naphthalene

Concen: 15.463 ug/l

RT: 15.642 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN077202.D

Acq: 27 Mar 2023 14:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

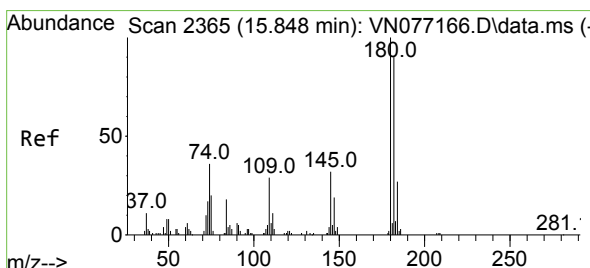
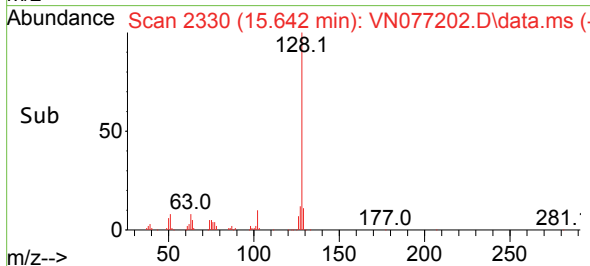
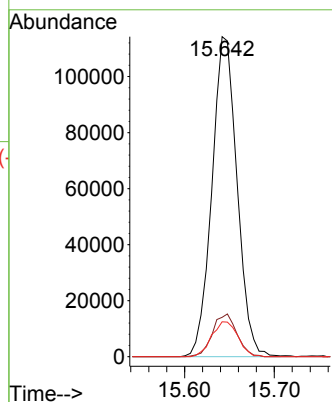
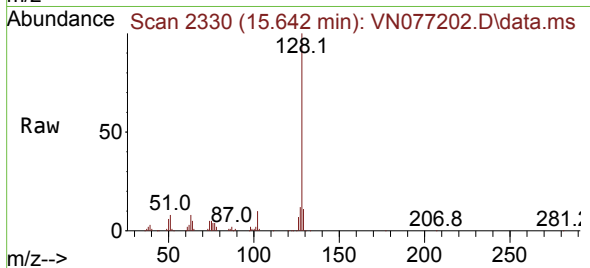
Tgt Ion:128 Resp: 222516

Ion Ratio Lower Upper

128 100

127 13.0 11.0 16.6

129 11.4 8.9 13.3



#92

1,2,3-Trichlorobenzene

Concen: 17.722 ug/l

RT: 15.842 min Scan# 2364

Delta R.T. -0.006 min

Lab File: VN077202.D

Acq: 27 Mar 2023 14:59

Tgt Ion:180 Resp: 77171

Ion Ratio Lower Upper

180 100

182 91.2 0.0 190.8

145 31.6 0.0 65.0

