

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042423\
 Data File : VN077445.D
 Acq On : 25 Apr 2023 04:04
 Operator : JC\MD
 Sample : VN0424WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0424WBL01

Quant Time: Apr 25 08:38:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:50:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	508665	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	945593	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	833763	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	285744	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	332882	50.152	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.300%	
35) Dibromofluoromethane	8.172	113	296329	52.139	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.280%	
50) Toluene-d8	10.572	98	1147858	52.697	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.400%	
62) 4-Bromofluorobenzene	12.854	95	348534	48.906	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.820%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.131	85	1001	0.463	ug/l	84
3) Chloromethane	2.378	50	2167	0.425	ug/l #	88
5) Bromomethane	2.984	94	7461	1.268	ug/l	85
10) Methyl Iodide	4.601	142	6946	0.974	ug/l #	75
13) Acrolein	4.196	56	1598	1.508	ug/l	84
15) Acrylonitrile	5.731	53	1147	0.475	ug/l #	1
16) Acetone	4.449	43	1314	0.622	ug/l #	68
17) Carbon Disulfide	4.731	76	7657	0.531	ug/l #	94
20) Methylene Chloride	5.290	84	5220	0.779	ug/l #	94
21) trans-1,2-Dichloroethene	5.790	96	1371	0.223	ug/l #	82
25) 2-Butanone	7.495	43	1186	0.396	ug/l #	76
29) Tetrahydrofuran	7.854	42	607	0.323	ug/l #	51
31) Cyclohexane	8.231	56	12507	1.330	ug/l #	17
36) 1,1-Dichloropropene	8.378	75	1822	0.222	ug/l #	92
38) Carbon Tetrachloride	8.237	117	57308	6.326	ug/l #	15
49) 1,4-Dioxane	9.707	88	109	0.884	ug/l #	1
51) 4-Methyl-2-Pentanone	10.448	43	3825	0.604	ug/l #	61
59) 2-Hexanone	11.201	43	8644	1.878	ug/l	87
65) Chlorobenzene	11.901	112	4061	0.230	ug/l	100
68) m/p-Xylenes	12.072	106	5325	0.441	ug/l	91
70) Styrene	12.425	104	4956	0.267	ug/l	92
74) N-amyl acetate	12.501	43	4881	0.622	ug/l	94
76) 1,2,3-Trichloropropane	12.854	75	186000	27.992	ug/l #	1
77) Bromobenzene	12.983	156	2703	0.468	ug/l	87
78) n-propylbenzene	13.036	91	10508	0.358	ug/l	90
79) 2-Chlorotoluene	13.130	91	5385	0.298	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.854	75	186000	79.083	ug/l #	15
82) 4-Chlorotoluene	13.224	91	9144	0.541	ug/l	95
83) tert-Butylbenzene	13.442	119	4149	0.217	ug/l	96
84) 1,2,4-Trimethylbenzene	13.483	105	5444	0.296	ug/l	96
85) sec-Butylbenzene	13.624	105	8604	0.328	ug/l	97
86) p-Isopropyltoluene	13.736	119	6636	0.329	ug/l	92
87) 1,3-Dichlorobenzene	13.736	146	7397	0.720	ug/l	90
88) 1,4-Dichlorobenzene	13.736	146	7397	0.729	ug/l	92
89) n-Butylbenzene	14.060	91	9004	0.576	ug/l	92
91) 1,2-Dichlorobenzene	14.107	146	6704	0.658	ug/l	98

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Sample : VN0424WBL01
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ALS Vial : 22 Sample Multiplier: 1

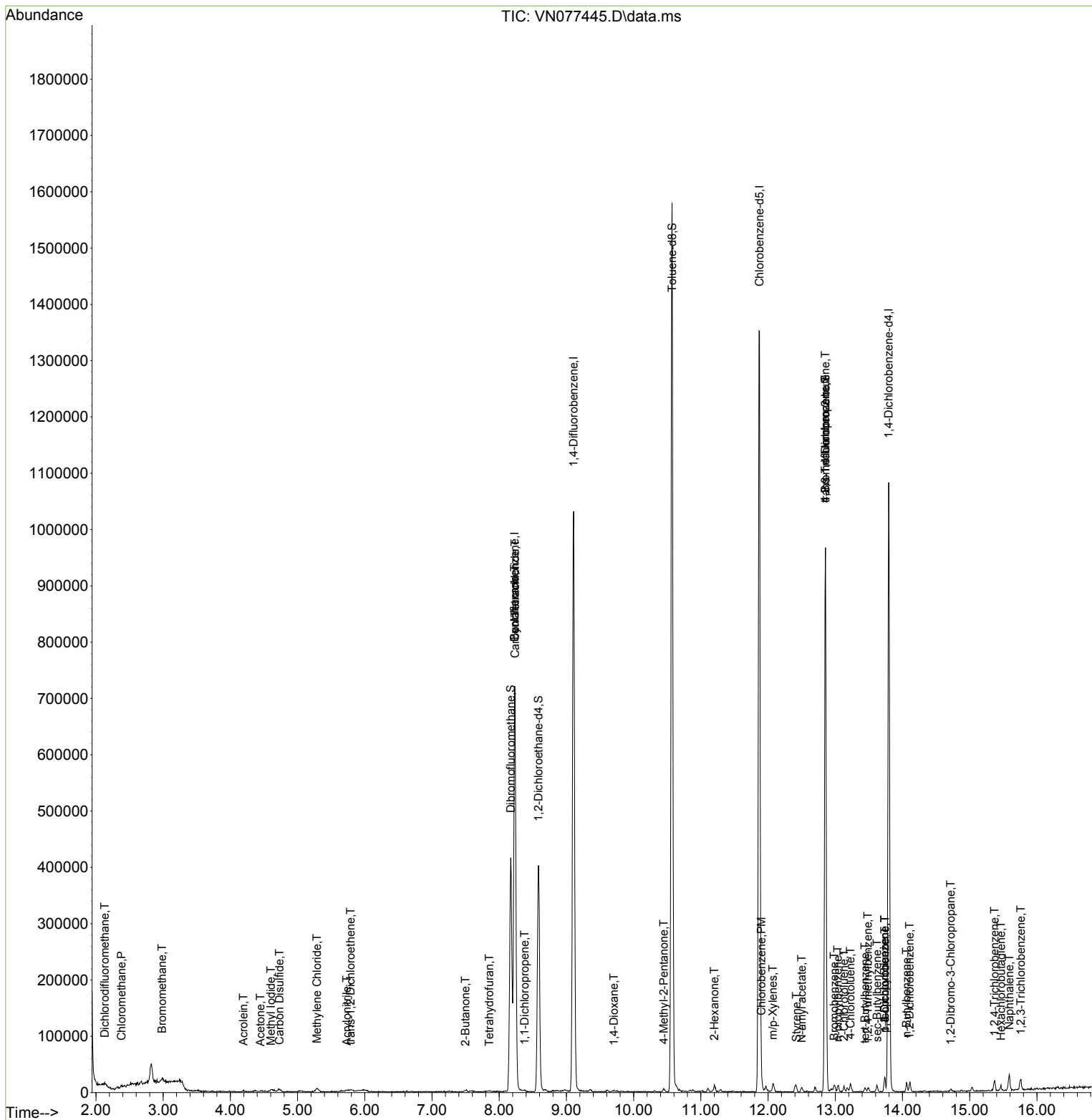
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBL01

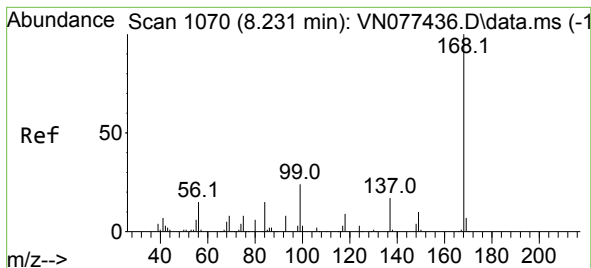
Quant Time: Apr 25 08:38:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 02:50:59 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropr...	14.718	75	1316	0.854	ug/l	87
93) 1,2,4-Trichlorobenzene	15.371	180	5404	3.333	ug/l	94
94) Hexachlorobutadiene	15.465	225	1286	0.624	ug/l	77
95) Naphthalene	15.589	128	22752	4.009	ug/l	98
96) 1,2,3-Trichlorobenzene	15.760	180	5987	3.531	ug/l	92

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

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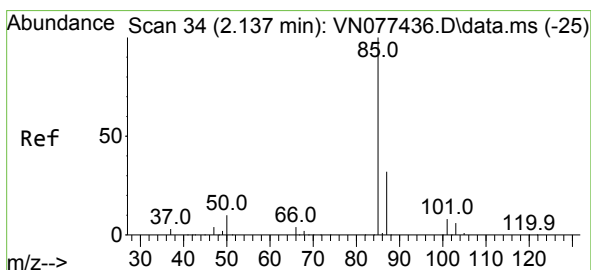
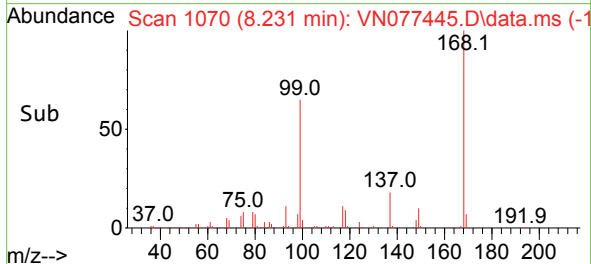
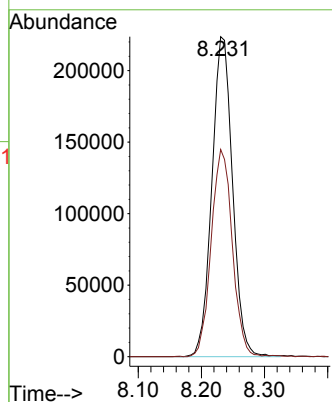
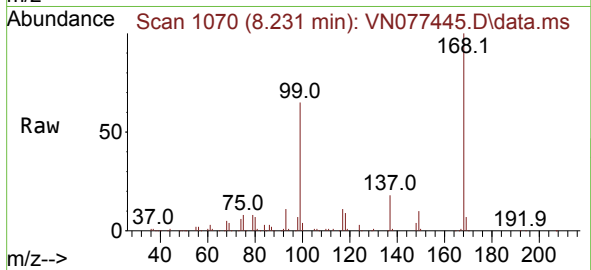




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN077445.D
Acq: 25 Apr 2023 04:04

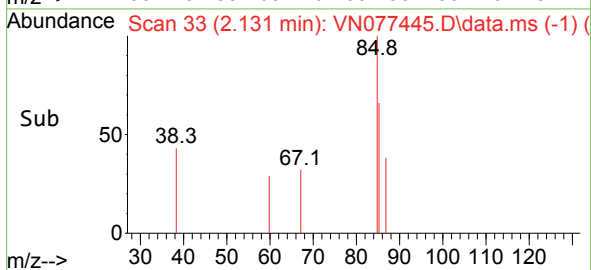
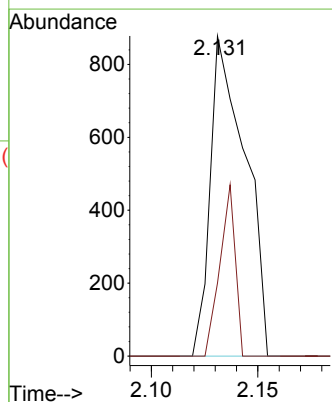
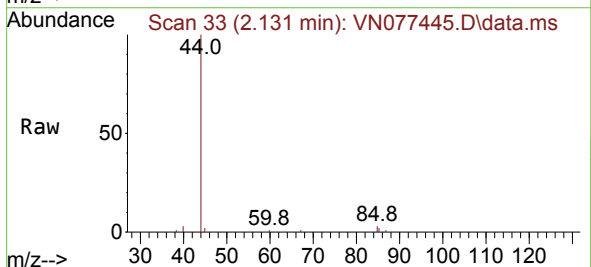
Instrument :
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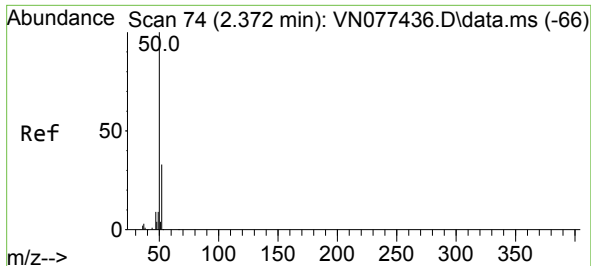
Tgt Ion:168 Resp: 508665
Ion Ratio Lower Upper
168 100
99 64.6 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 0.463 ug/l
RT: 2.131 min Scan# 33
Delta R.T. -0.006 min
Lab File: VN077445.D
Acq: 25 Apr 2023 04:04

Tgt Ion: 85 Resp: 1001
Ion Ratio Lower Upper
85 100
87 22.8 15.8 47.4

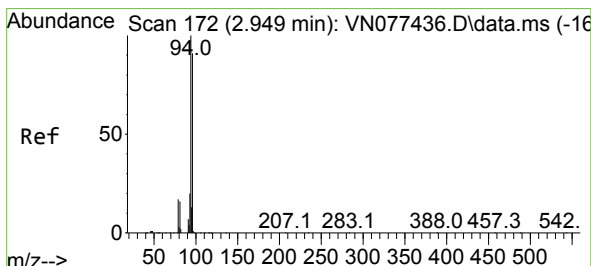
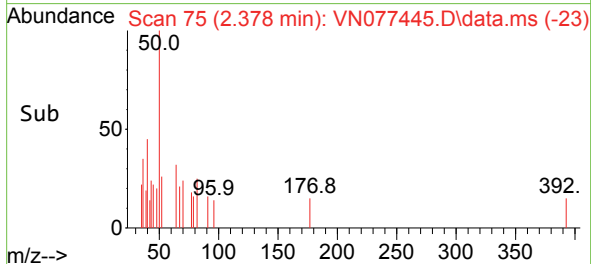
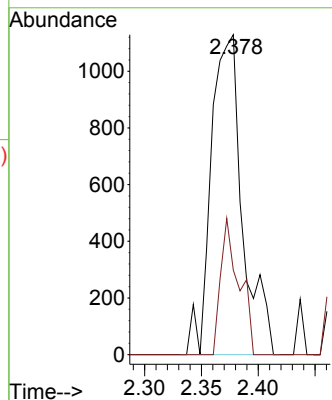
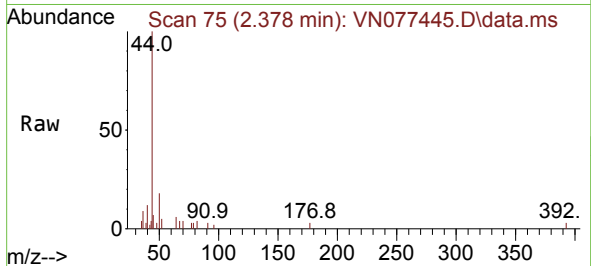




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Chloromethane
Concen: 0.425 ug/l
RT: 2.378 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN077445.D
Acq: 25 Apr 2023 04:04

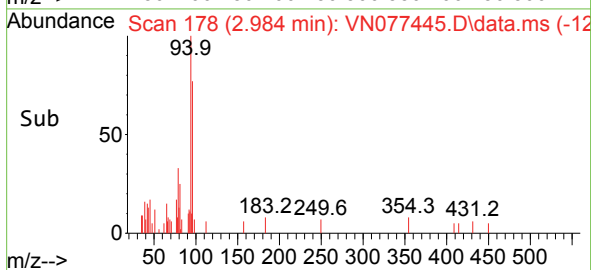
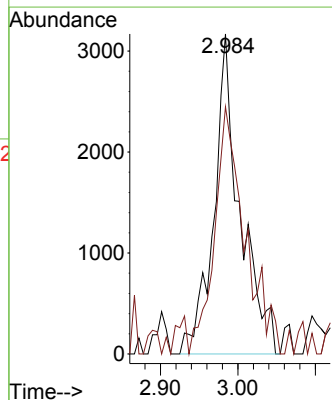
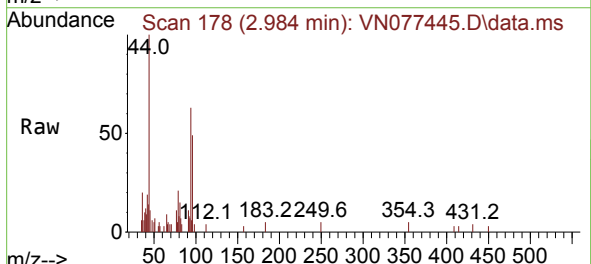
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBL01

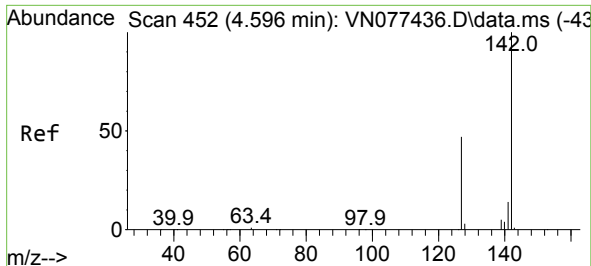
Tgt Ion: 50 Resp: 2167
Ion Ratio Lower Upper
50 100
52 26.4 26.5 39.7#



#5
Bromomethane
Concen: 1.268 ug/l
RT: 2.984 min Scan# 178
Delta R.T. 0.035 min
Lab File: VN077445.D
Acq: 25 Apr 2023 04:04

Tgt Ion: 94 Resp: 7461
Ion Ratio Lower Upper
94 100
96 77.3 73.1 109.7





#10

Methyl Iodide

Concen: 0.974 ug/l

RT: 4.601 min Scan# 4

Delta R.T. 0.006 min

Lab File: VN077445.D

Acq: 25 Apr 2023 04:04

Instrument :

MSVOA_N

ClientSampleId :

VN0424WBL01

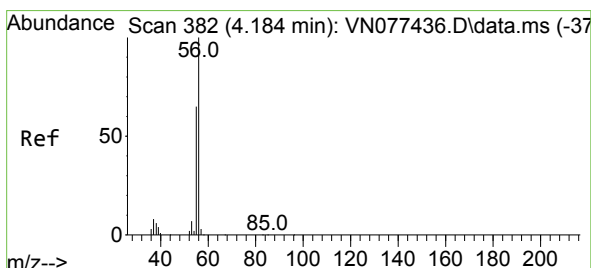
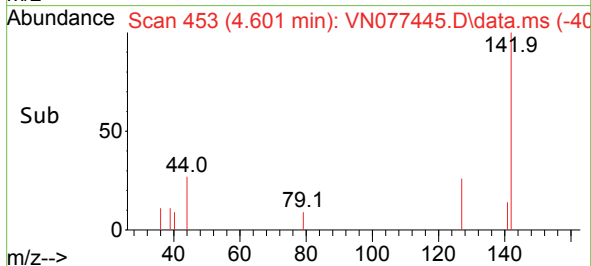
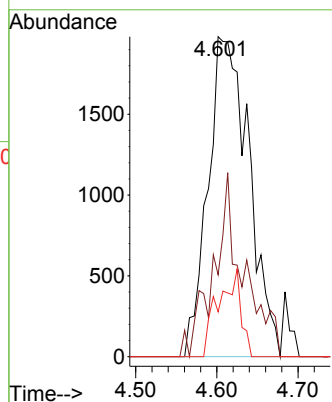
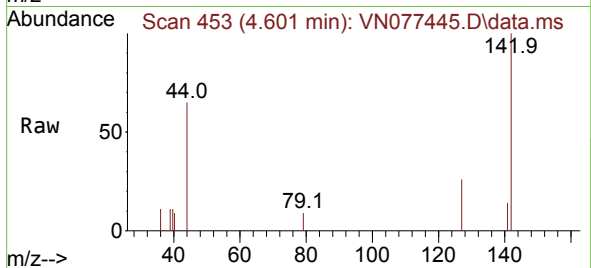
Tgt Ion:142 Resp: 6946

Ion Ratio Lower Upper

142 100

127 25.6 37.6 56.4#

141 14.0 11.4 17.0



#13

Acrolein

Concen: 1.508 ug/l

RT: 4.196 min Scan# 384

Delta R.T. 0.012 min

Lab File: VN077445.D

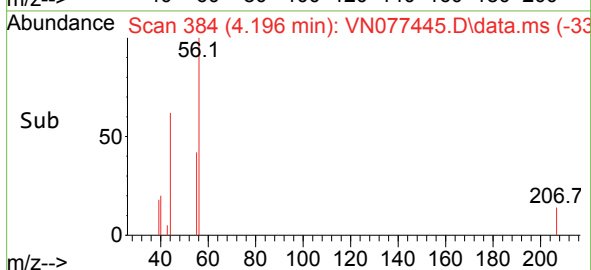
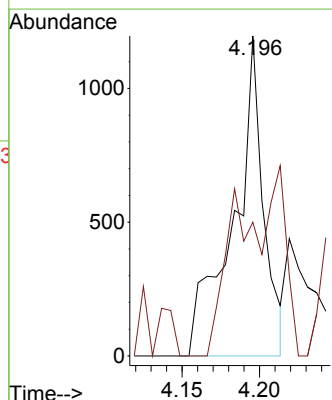
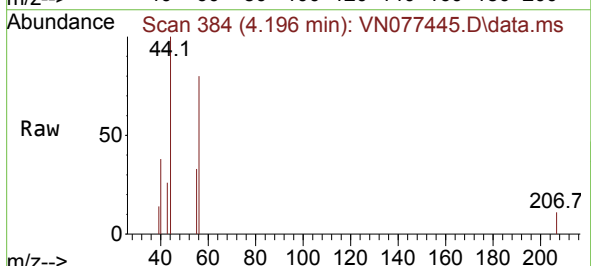
Acq: 25 Apr 2023 04:04

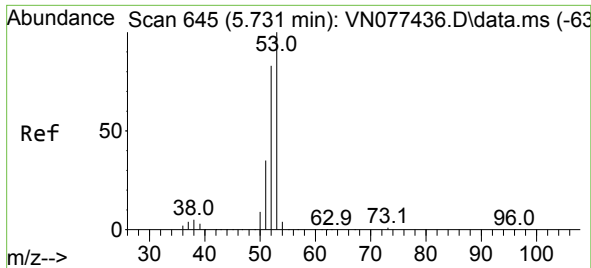
Tgt Ion: 56 Resp: 1598

Ion Ratio Lower Upper

56 100

55 55.0 54.5 81.7

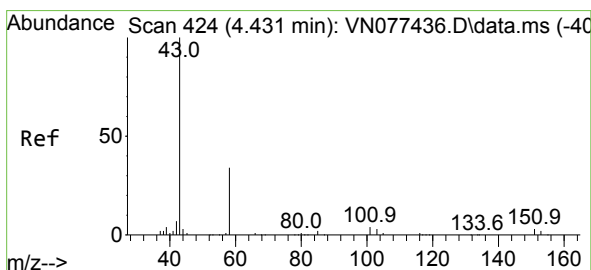
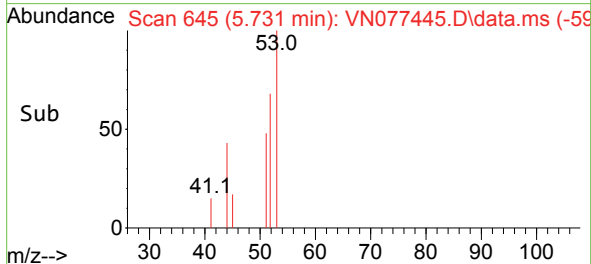
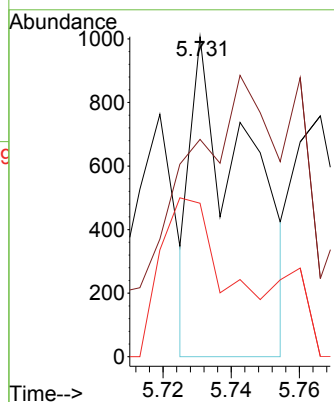
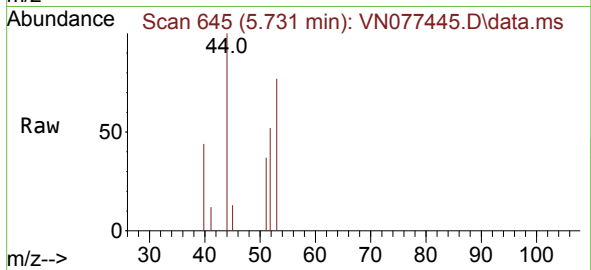




#15
Acrylonitrile
Concen: 0.475 ug/l
RT: 5.731 min Scan# 645
Delta R.T. 0.000 min
Lab File: VN077445.D
Acq: 25 Apr 2023 04:04

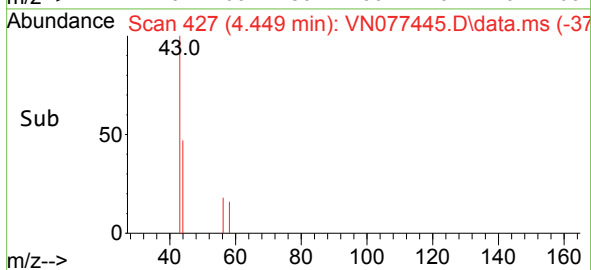
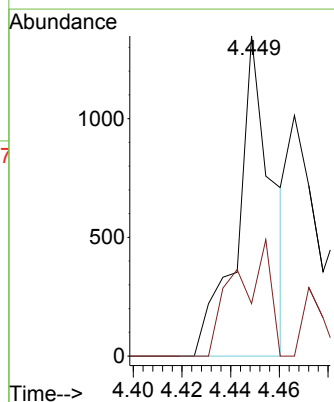
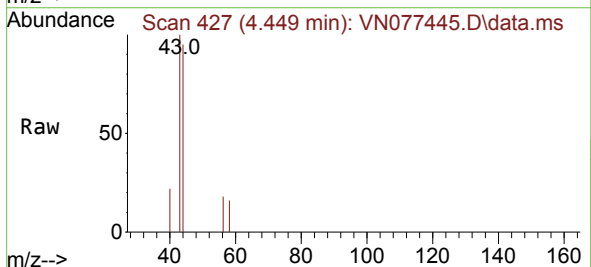
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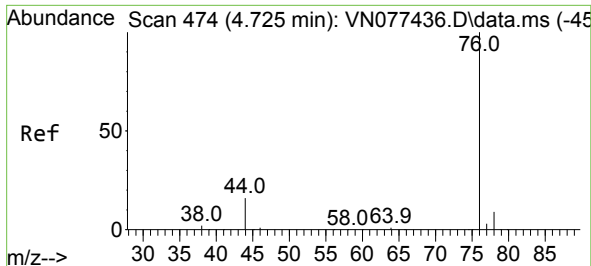
Tgt Ion: 53 Resp: 1147
Ion Ratio Lower Upper
53 100
52 200.3 65.3 97.9#
51 59.8 28.9 43.3#



#16
Acetone
Concen: 0.622 ug/l
RT: 4.449 min Scan# 427
Delta R.T. 0.018 min
Lab File: VN077445.D
Acq: 25 Apr 2023 04:04

Tgt Ion: 43 Resp: 1314
Ion Ratio Lower Upper
43 100
58 16.4 28.0 42.0#





#17

Carbon Disulfide

Concen: 0.531 ug/l

RT: 4.731 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN077445.D

Acq: 25 Apr 2023 04:04

Instrument :

MSVOA_N

ClientSampleId :

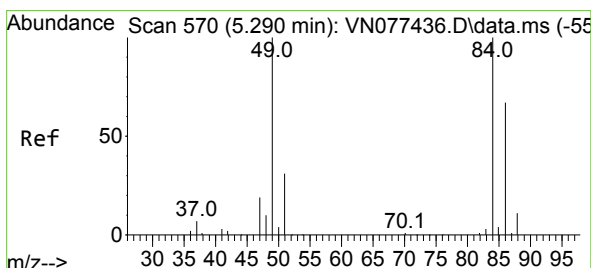
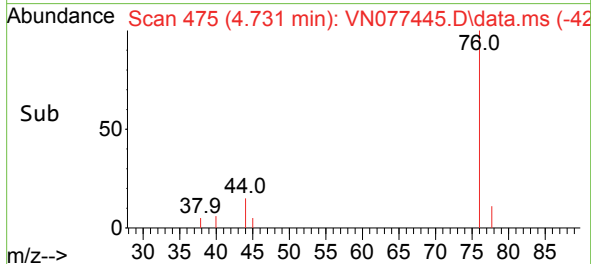
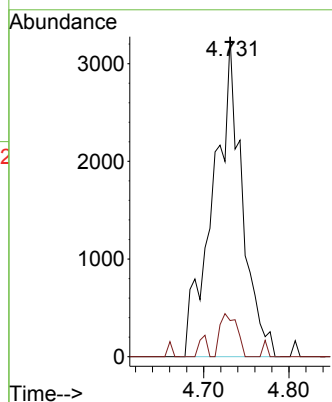
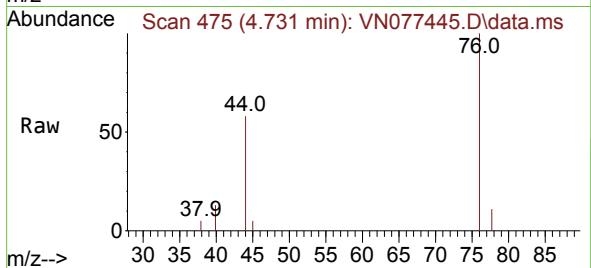
VN0424WBL01

Tgt Ion: 76 Resp: 7657

Ion Ratio Lower Upper

76 100

78 11.3 7.4 11.0#



#20

Methylene Chloride

Concen: 0.779 ug/l

RT: 5.290 min Scan# 570

Delta R.T. 0.000 min

Lab File: VN077445.D

Acq: 25 Apr 2023 04:04

Tgt Ion: 84 Resp: 5220

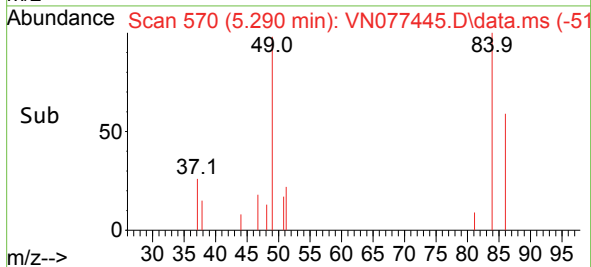
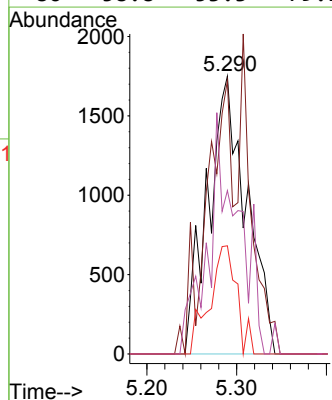
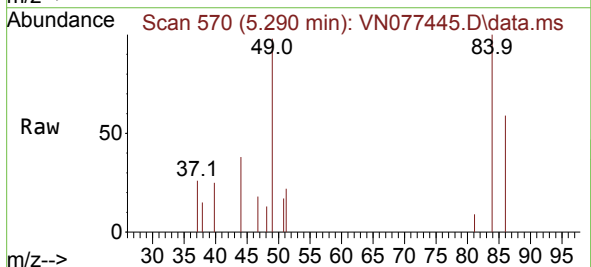
Ion Ratio Lower Upper

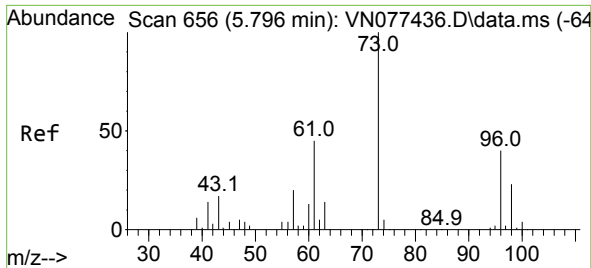
84 100

49 98.5 79.7 119.5

51 39.0 25.2 37.8#

86 58.8 53.3 79.9

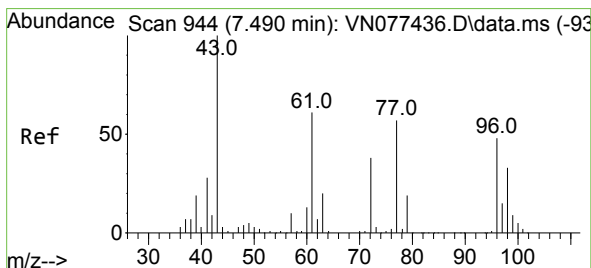
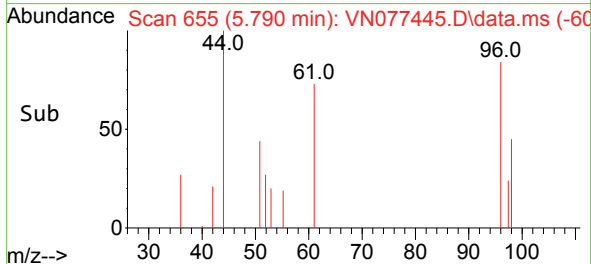
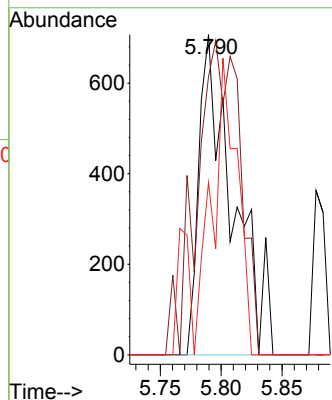
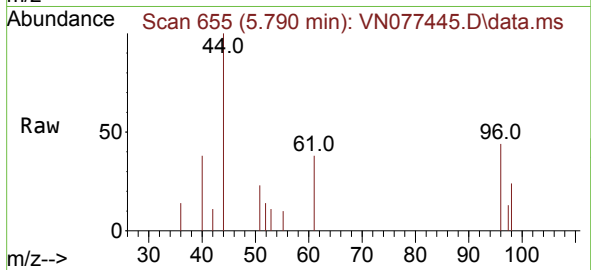




#21
trans-1,2-Dichloroethene
Concen: 0.223 ug/l
RT: 5.790 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN077445.D
Acq: 25 Apr 2023 04:04

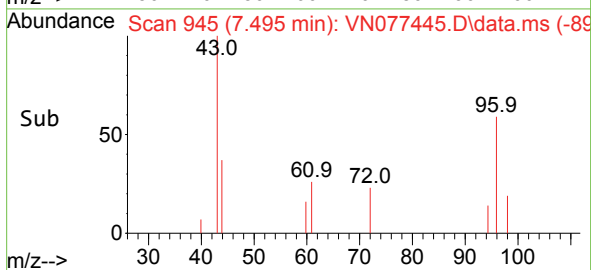
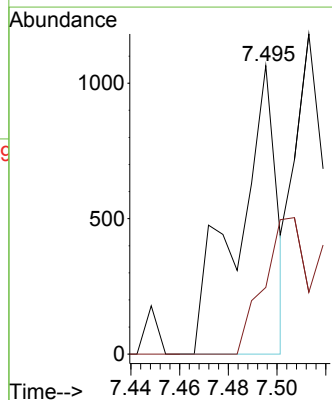
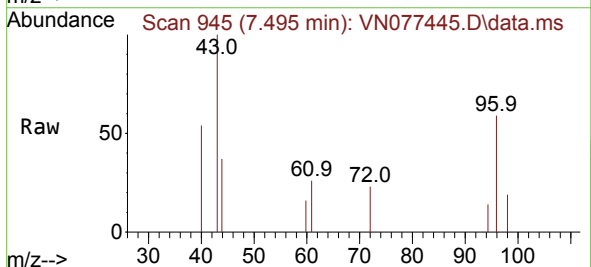
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MSVOA_N
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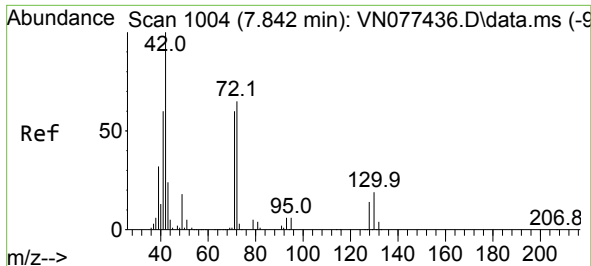
Tgt Ion: 96 Resp: 1371
Ion Ratio Lower Upper
96 100
61 86.8 90.1 135.1#
98 53.9 46.4 69.6



#25
2-Butanone
Concen: 0.396 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN077445.D
Acq: 25 Apr 2023 04:04

Tgt Ion: 43 Resp: 1186
Ion Ratio Lower Upper
43 100
72 23.1 30.2 45.2#





#29

Tetrahydrofuran

Concen: 0.323 ug/l

RT: 7.854 min Scan# 1006

Delta R.T. 0.012 min

Lab File: VN077445.D

Acq: 25 Apr 2023 04:04

Instrument :

MSVOA_N

ClientSampleId :

VN0424WBL01

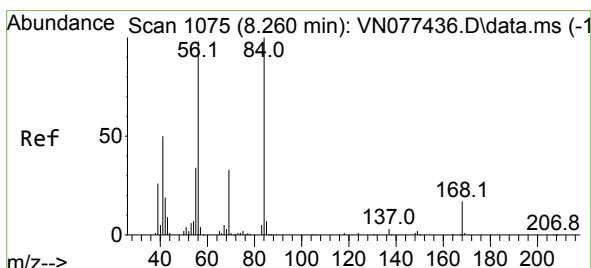
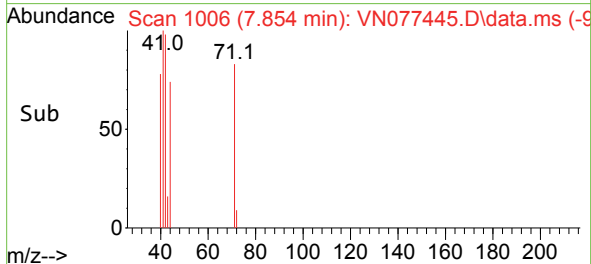
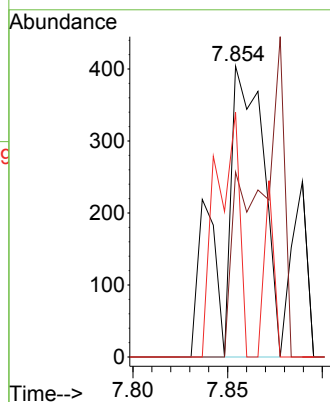
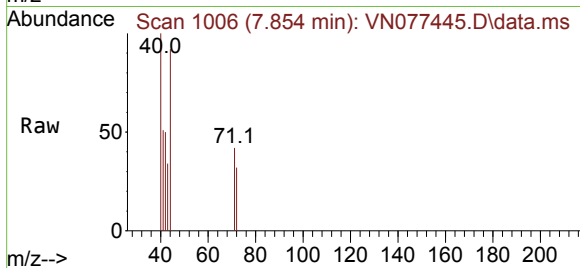
Tgt Ion: 42 Resp: 607

Ion Ratio Lower Upper

42 100

72 0.0 49.8 74.6#

71 47.8 47.4 71.2



#31

Cyclohexane

Concen: 1.330 ug/l

RT: 8.231 min Scan# 1070

Delta R.T. -0.029 min

Lab File: VN077445.D

Acq: 25 Apr 2023 04:04

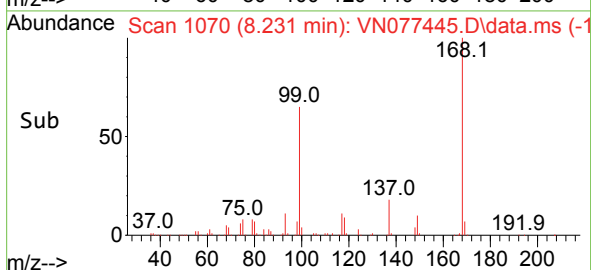
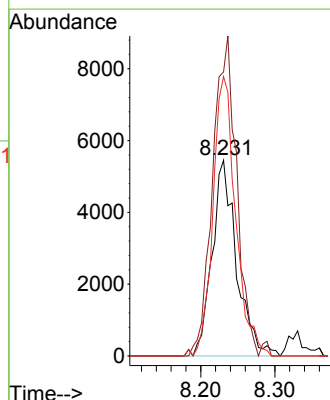
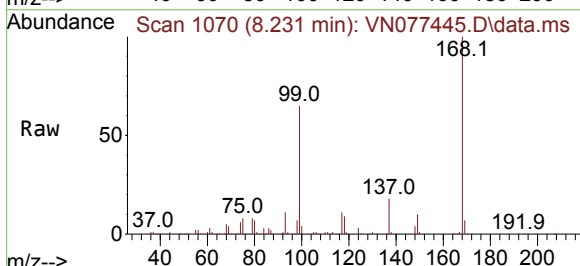
Tgt Ion: 56 Resp: 12507

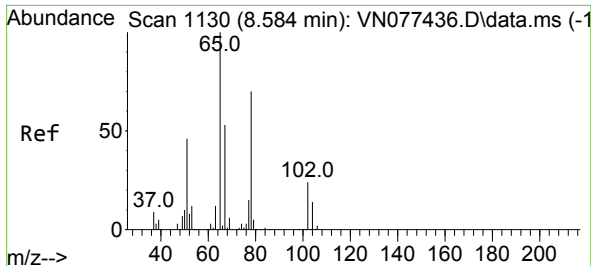
Ion Ratio Lower Upper

56 100

69 145.2 26.8 40.2#

84 148.5 81.8 122.6#





#33

1,2-Dichloroethane-d4

Concen: 50.152 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077445.D

Acq: 25 Apr 2023 04:04

Instrument :

MSVOA_N

ClientSampleId :

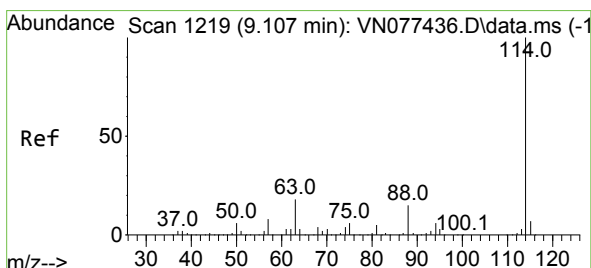
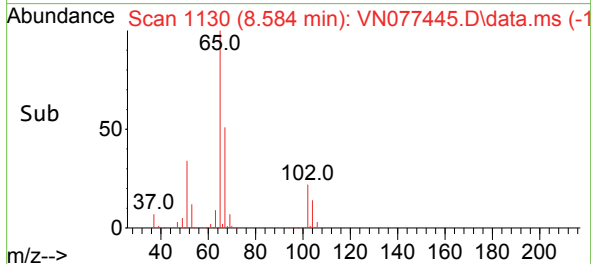
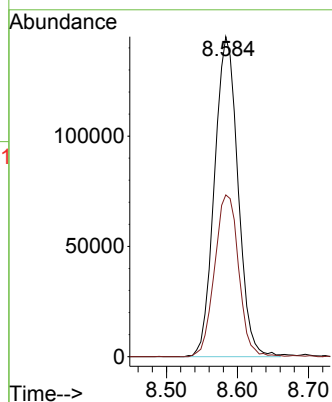
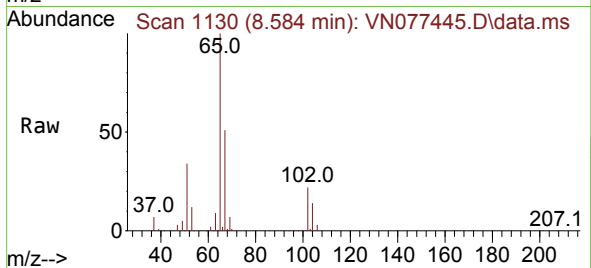
VN0424WBL01

Tgt Ion: 65 Resp: 332882

Ion Ratio Lower Upper

65 100

67 51.8 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN077445.D

Acq: 25 Apr 2023 04:04

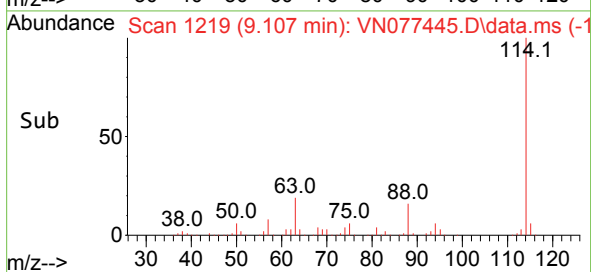
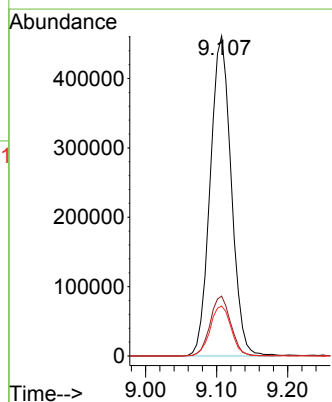
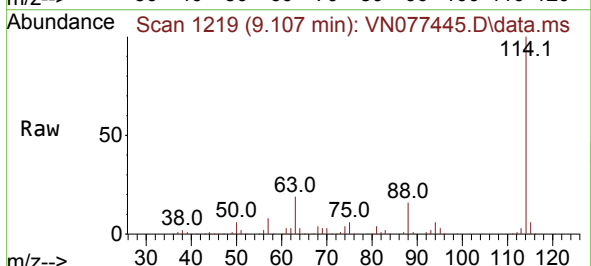
Tgt Ion: 114 Resp: 945593

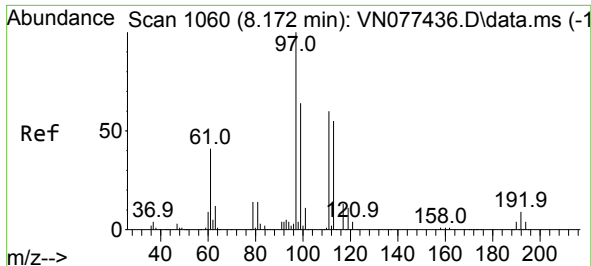
Ion Ratio Lower Upper

114 100

63 18.7 0.0 36.4

88 15.6 0.0 30.6

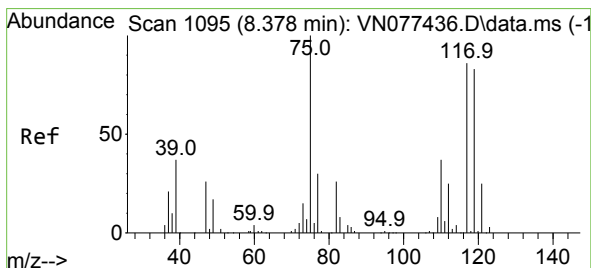
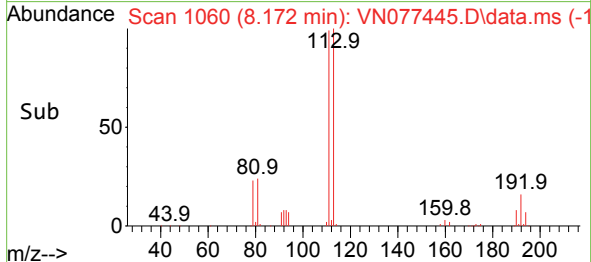
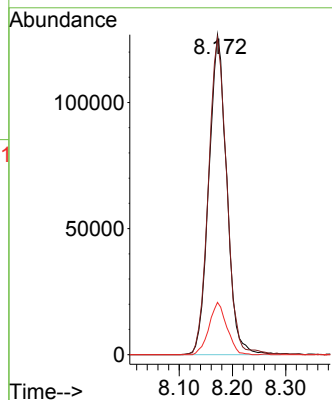
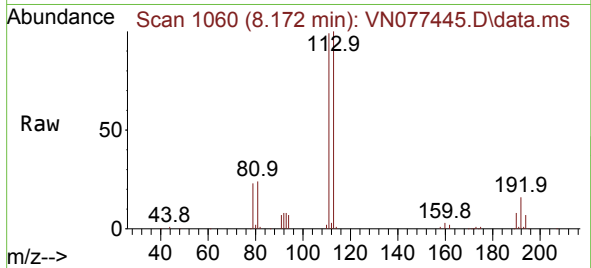




#35
Dibromofluoromethane
Concen: 52.139 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VN077445.D
Acq: 25 Apr 2023 04:04

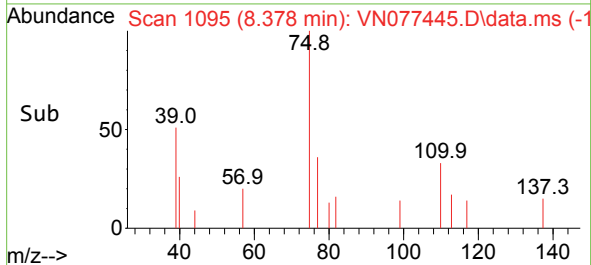
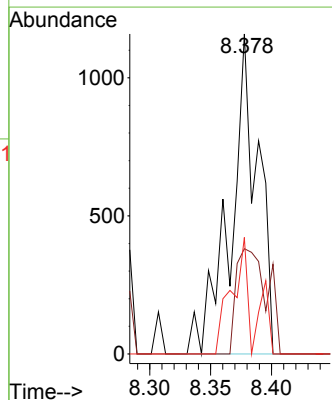
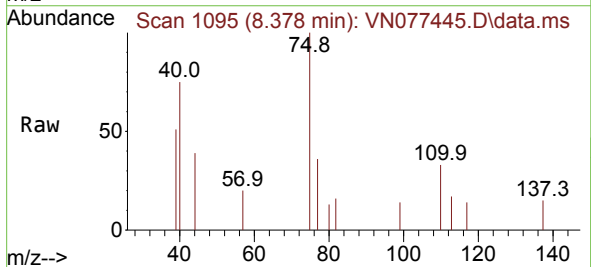
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBL01

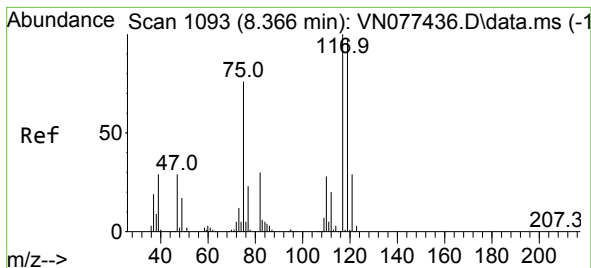
Tgt Ion:113 Resp: 296329
Ion Ratio Lower Upper
113 100
111 101.7 82.6 123.8
192 16.2 12.7 19.1



#36
1,1-Dichloropropene
Concen: 0.222 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. 0.000 min
Lab File: VN077445.D
Acq: 25 Apr 2023 04:04

Tgt Ion: 75 Resp: 1822
Ion Ratio Lower Upper
75 100
110 36.6 19.1 57.3
77 23.4 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 6.326 ug/l

RT: 8.237 min Scan# 1

Delta R.T. -0.129 min

Lab File: VN077445.D

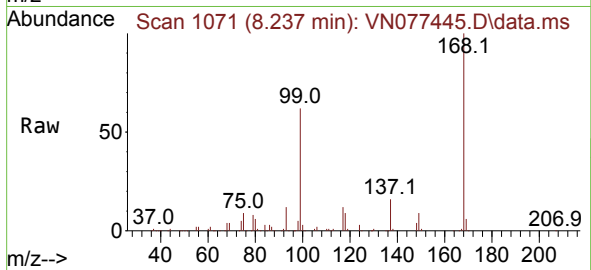
Acq: 25 Apr 2023 04:04

Instrument :

MSVOA_N

ClientSampleId :

VN0424WBL01



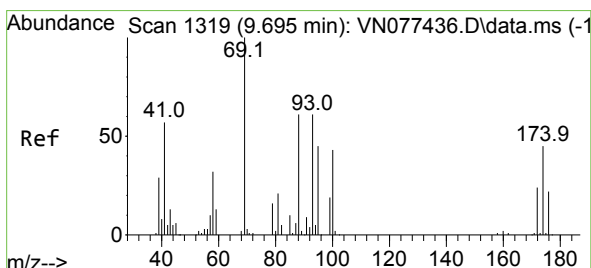
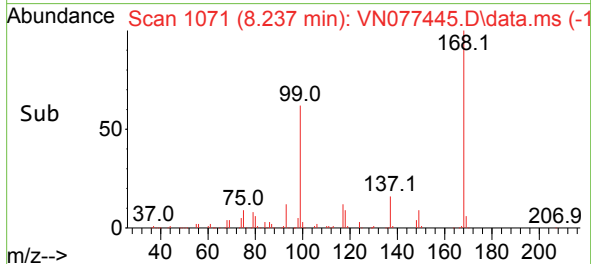
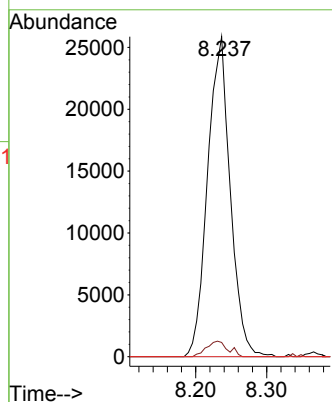
Tgt Ion: 117 Resp: 57308

Ion Ratio Lower Upper

117 100

119 4.4 77.3 115.9#

121 0.0 23.3 34.9#



#49

1,4-Dioxane

Concen: 0.884 ug/l

RT: 9.707 min Scan# 1321

Delta R.T. 0.012 min

Lab File: VN077445.D

Acq: 25 Apr 2023 04:04

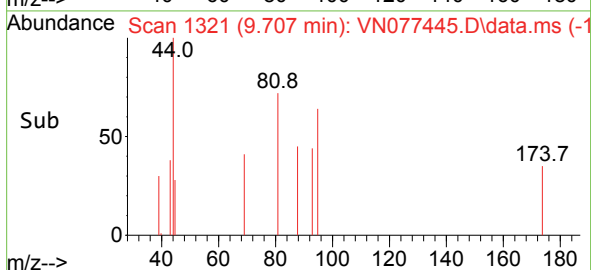
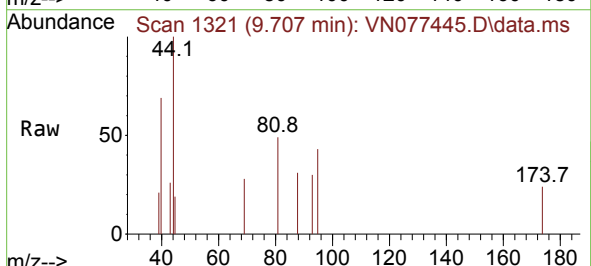
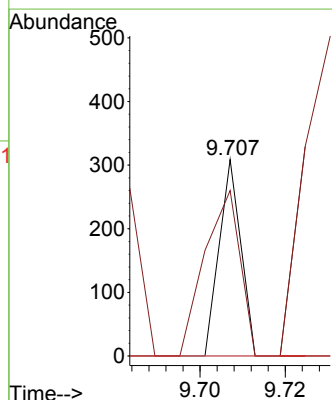
Tgt Ion: 88 Resp: 109

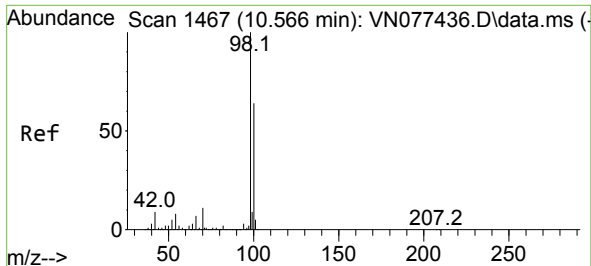
Ion Ratio Lower Upper

88 100

43 137.6 17.0 25.6#

58 0.0 47.0 70.4#

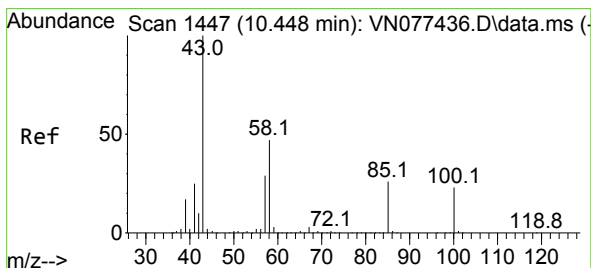
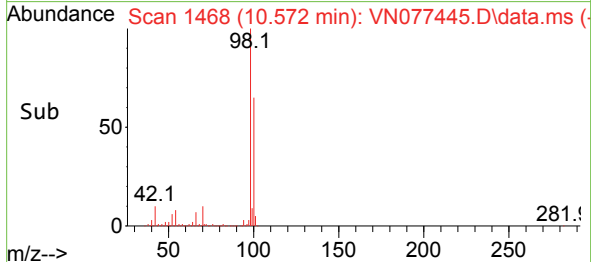
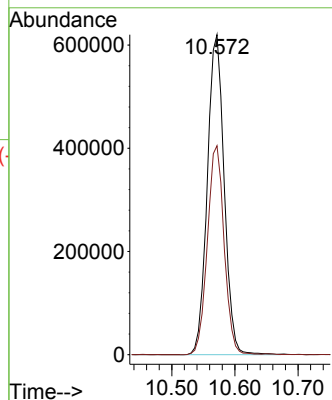
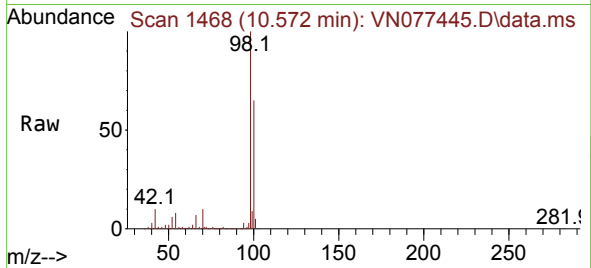




#50
Toluene-d8
Concen: 52.697 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN077445.D
Acq: 25 Apr 2023 04:04

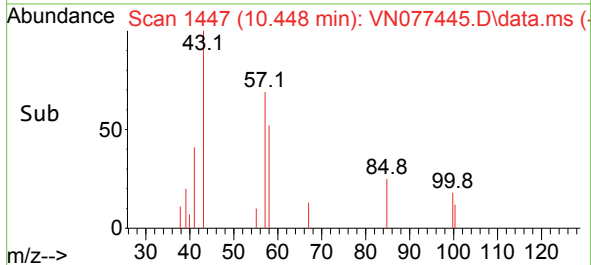
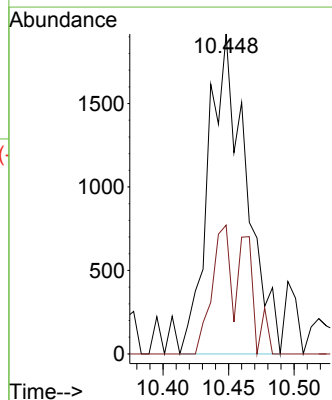
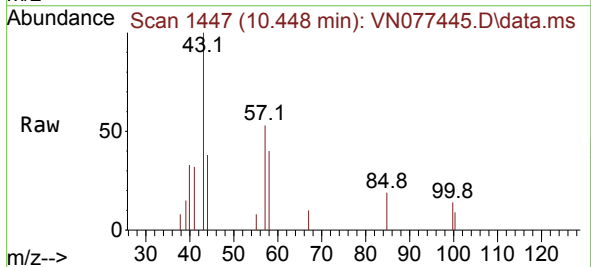
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBL01

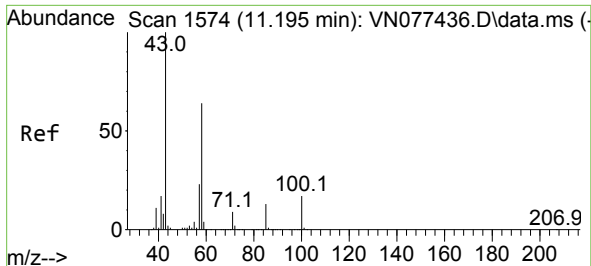
Tgt Ion: 98 Resp: 1147858
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.604 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077445.D
Acq: 25 Apr 2023 04:04

Tgt Ion: 43 Resp: 3825
Ion Ratio Lower Upper
43 100
58 20.1 36.6 54.8#

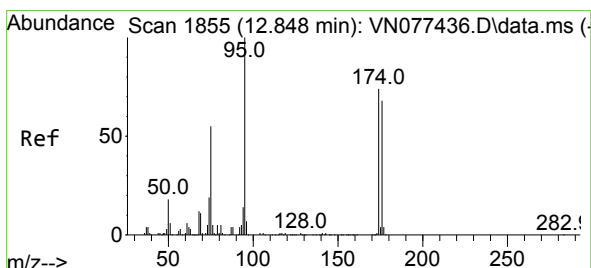
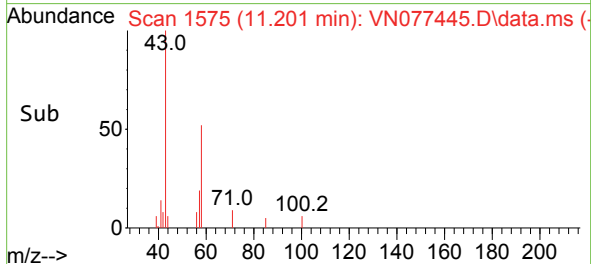
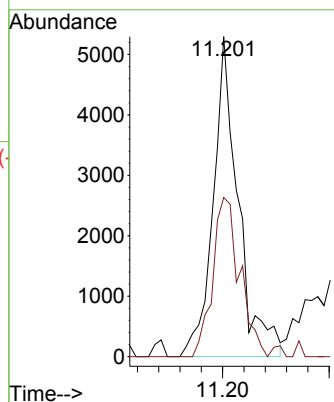
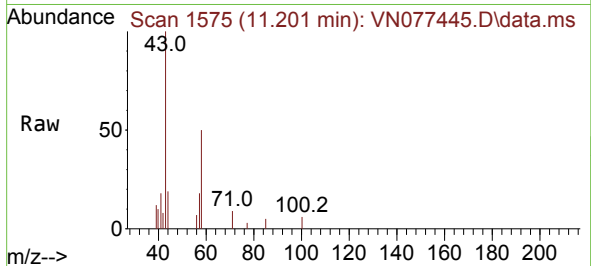




#59
2-Hexanone
Concen: 1.878 ug/l
RT: 11.201 min Scan# 1575
Delta R.T. 0.006 min
Lab File: VN077445.D
Acq: 25 Apr 2023 04:04

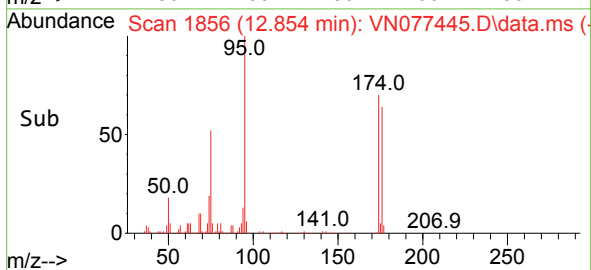
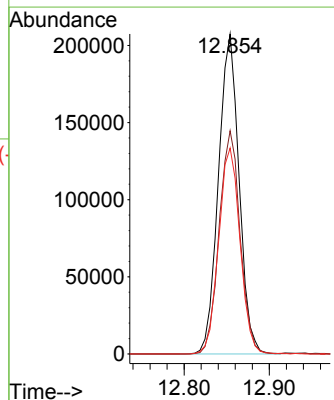
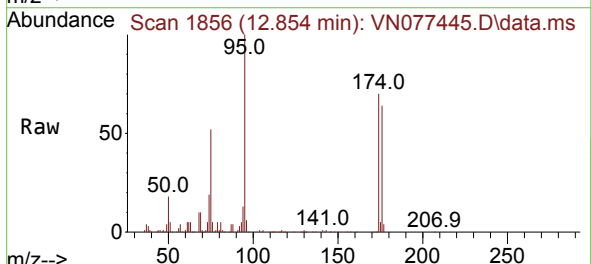
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBL01

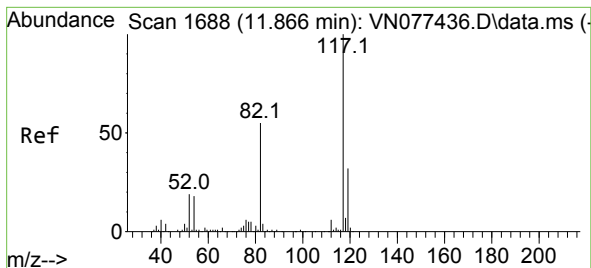
Tgt Ion: 43 Resp: 8644
Ion Ratio Lower Upper
43 100
58 53.7 31.7 95.1



#62
4-Bromofluorobenzene
Concen: 48.906 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077445.D
Acq: 25 Apr 2023 04:04

Tgt Ion: 95 Resp: 348534
Ion Ratio Lower Upper
95 100
174 70.8 0.0 143.8
176 66.5 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.872 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN077445.D

Acq: 25 Apr 2023 04:04

Instrument :

MSVOA_N

ClientSampleId :

VN0424WBL01

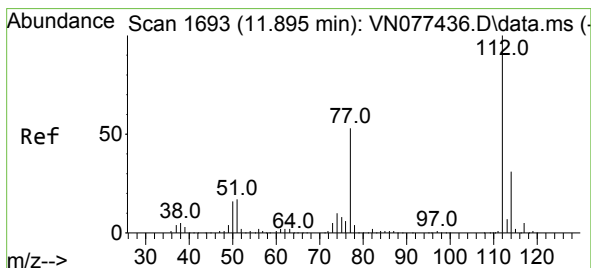
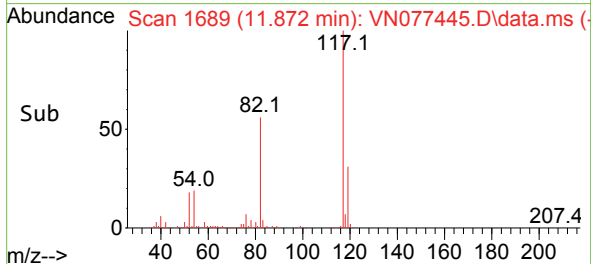
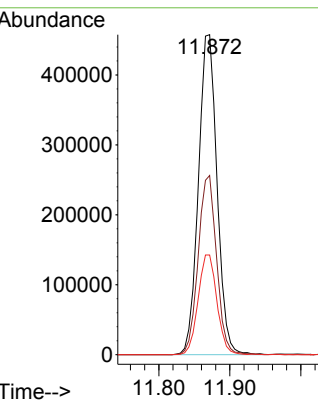
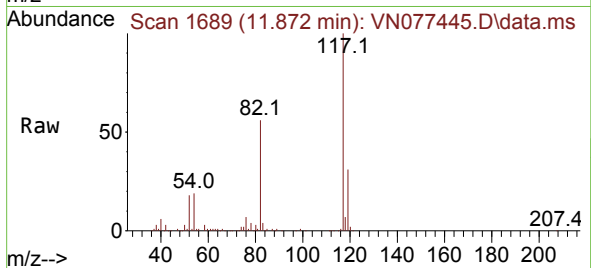
Tgt Ion:117 Resp: 833763

Ion Ratio Lower Upper

117 100

82 56.0 44.0 66.0

119 31.2 25.6 38.4



#65

Chlorobenzene

Concen: 0.230 ug/l

RT: 11.901 min Scan# 1694

Delta R.T. 0.006 min

Lab File: VN077445.D

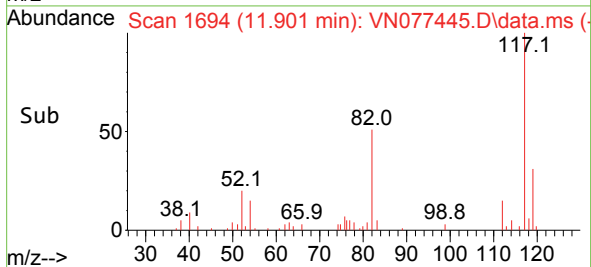
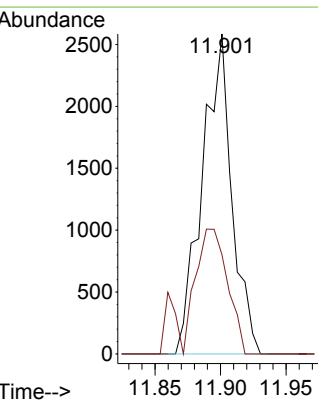
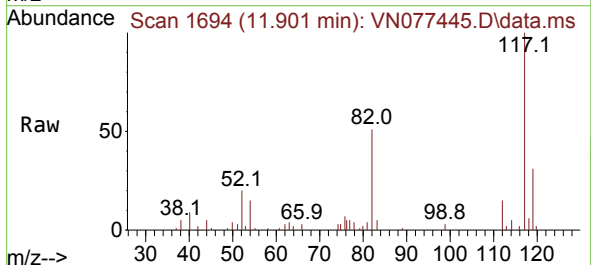
Acq: 25 Apr 2023 04:04

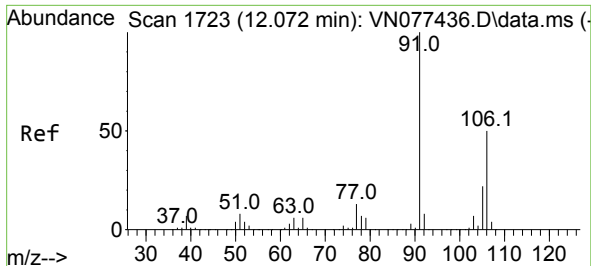
Tgt Ion:112 Resp: 4061

Ion Ratio Lower Upper

112 100

114 31.0 25.0 37.4

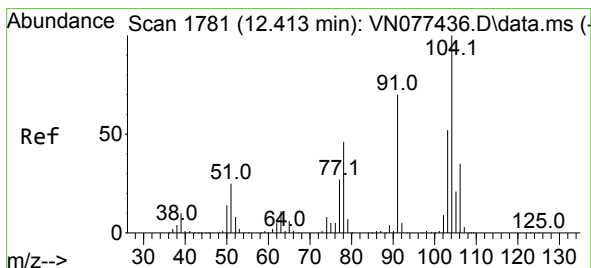
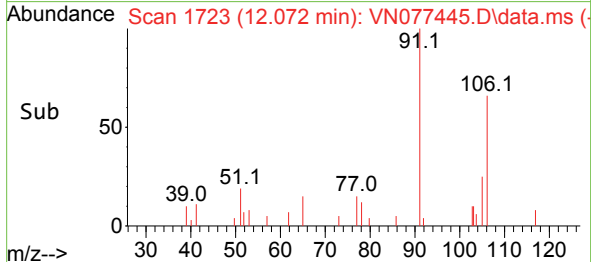
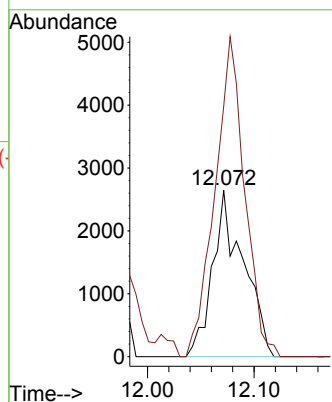
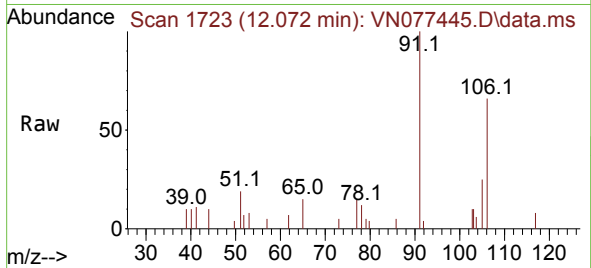




#68
m/p-Xylenes
Concen: 0.441 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VN077445.D
Acq: 25 Apr 2023 04:04

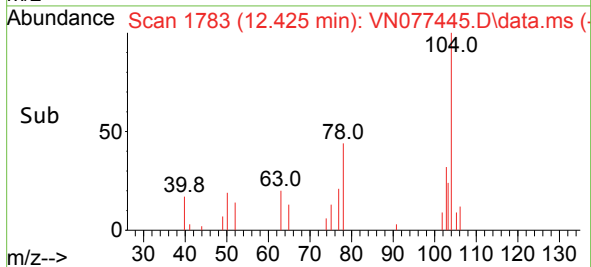
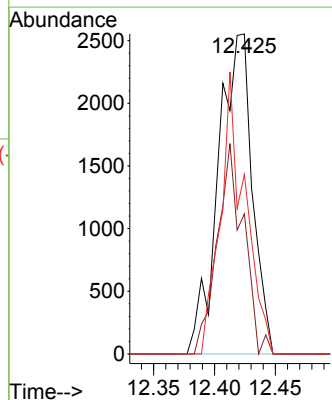
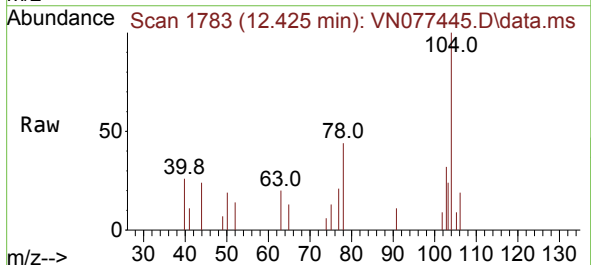
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBL01

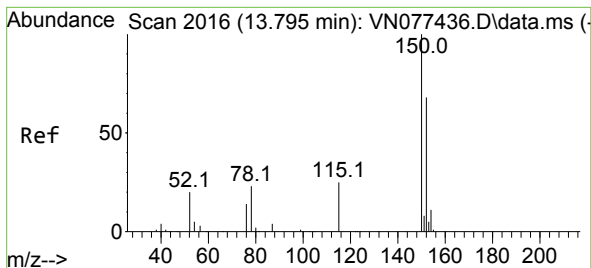
Tgt Ion:106 Resp: 5325
Ion Ratio Lower Upper
106 100
91 185.4 159.6 239.4



#70
Styrene
Concen: 0.267 ug/l
RT: 12.425 min Scan# 1783
Delta R.T. 0.012 min
Lab File: VN077445.D
Acq: 25 Apr 2023 04:04

Tgt Ion:104 Resp: 4956
Ion Ratio Lower Upper
104 100
78 50.7 39.5 59.3
103 63.5 43.2 64.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN077445.D

Acq: 25 Apr 2023 04:04

Instrument :

MSVOA_N

ClientSampleId :

VN0424WBL01

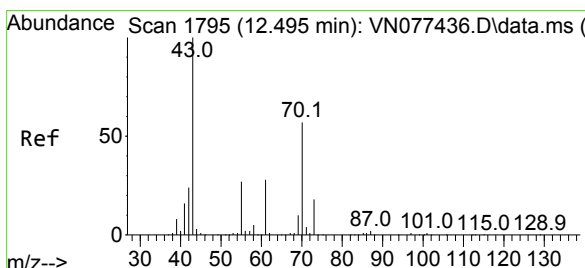
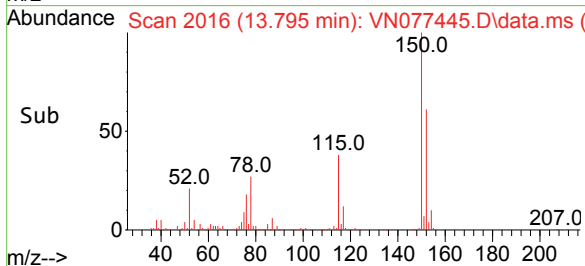
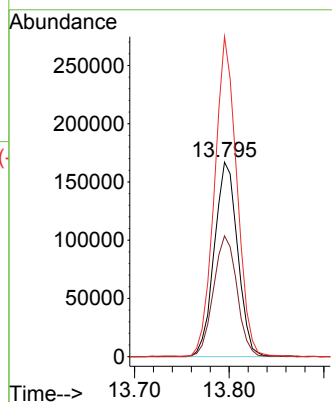
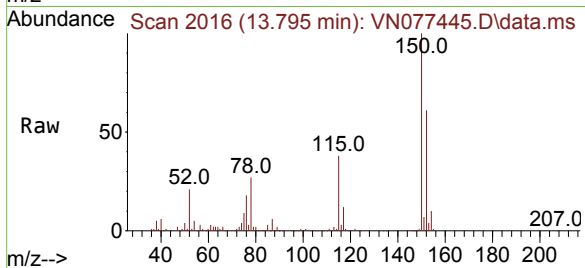
Tgt Ion:152 Resp: 285744

Ion Ratio Lower Upper

152 100

115 62.7 32.3 96.8

150 158.4 0.0 355.8



#74

N-ethyl acetate

Concen: 0.622 ug/l

RT: 12.501 min Scan# 1796

Delta R.T. 0.006 min

Lab File: VN077445.D

Acq: 25 Apr 2023 04:04

Tgt Ion: 43 Resp: 4881

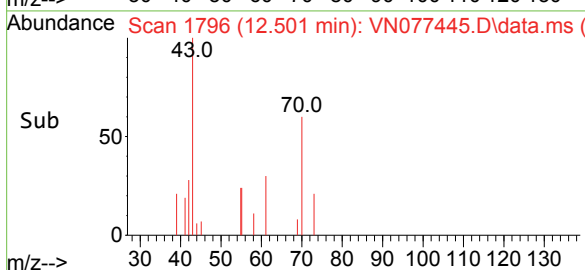
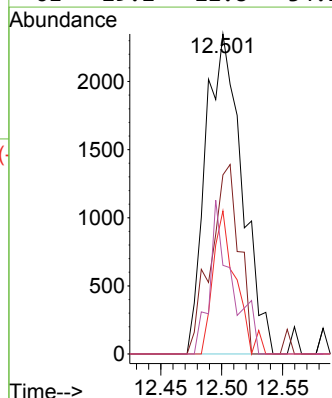
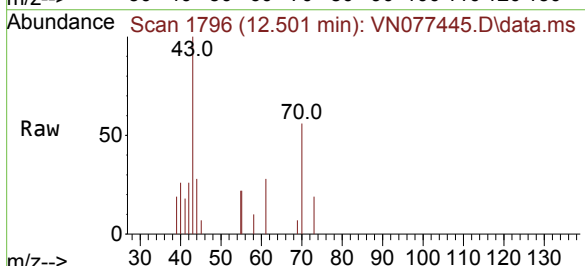
Ion Ratio Lower Upper

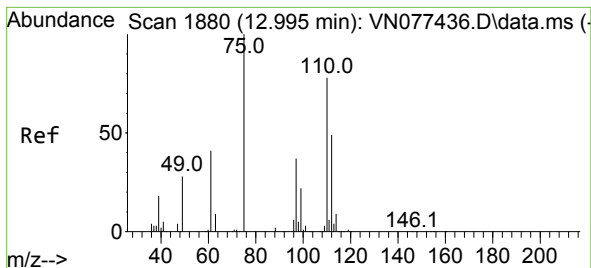
43 100

70 46.2 43.4 65.2

55 27.6 21.4 32.0

61 29.2 22.8 34.2





#76

1,2,3-Trichloropropane

Concen: 27.992 ug/l

RT: 12.854 min Scan# 1856

Delta R.T. -0.141 min

Lab File: VN077445.D

Acq: 25 Apr 2023 04:04

Instrument :

MSVOA_N

ClientSampleId :

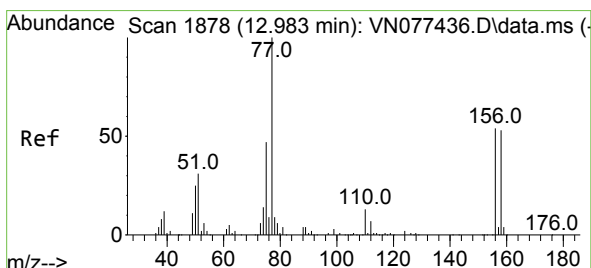
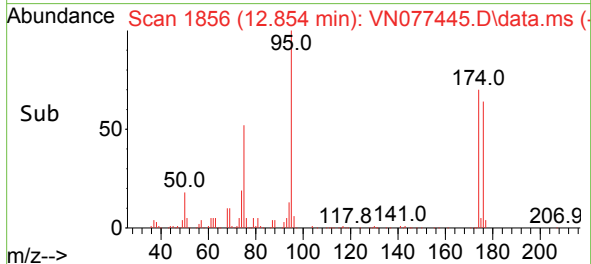
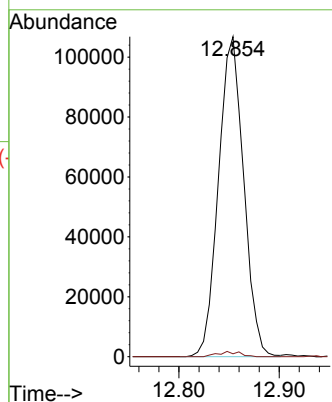
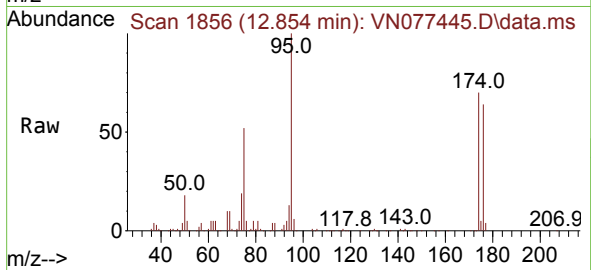
VN0424WBL01

Tgt Ion: 75 Resp: 186000

Ion Ratio Lower Upper

75 100

77 1.4 84.5 253.5#



#77

Bromobenzene

Concen: 0.468 ug/l

RT: 12.983 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VN077445.D

Acq: 25 Apr 2023 04:04

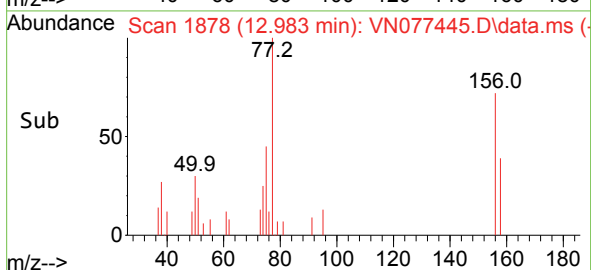
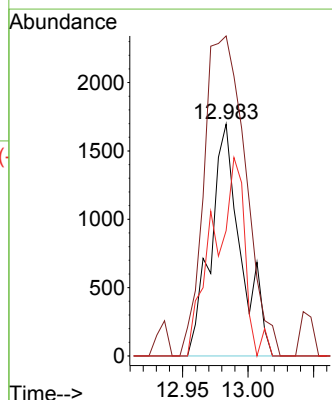
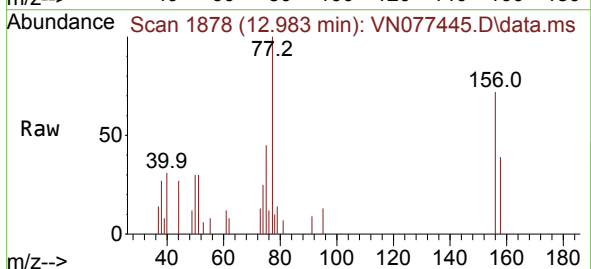
Tgt Ion:156 Resp: 2703

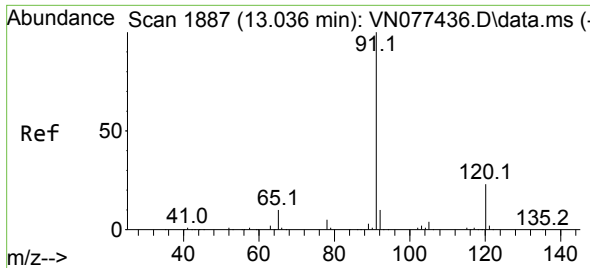
Ion Ratio Lower Upper

156 100

77 191.0 107.7 323.3

158 89.2 48.4 145.3

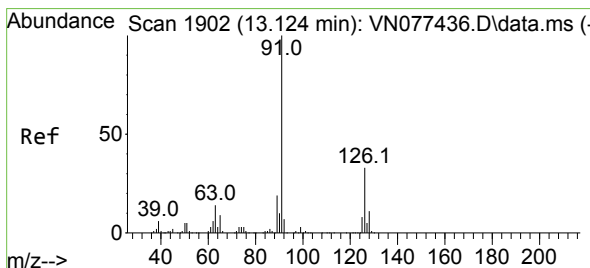
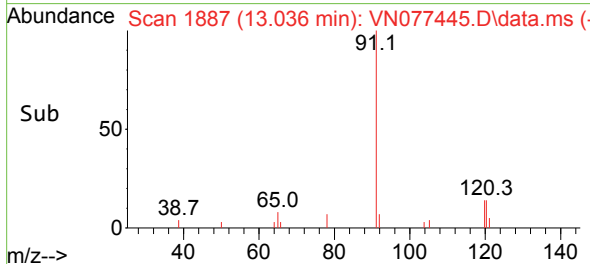
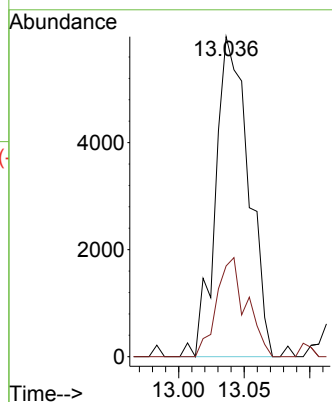
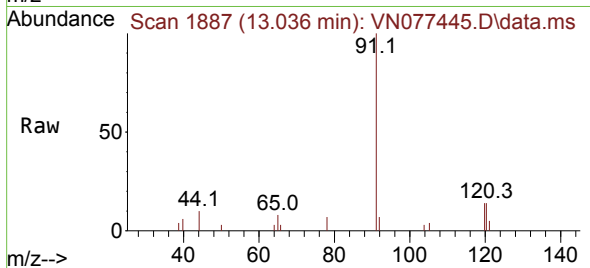




#78
n-propylbenzene
Concen: 0.358 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN077445.D
Acq: 25 Apr 2023 04:04

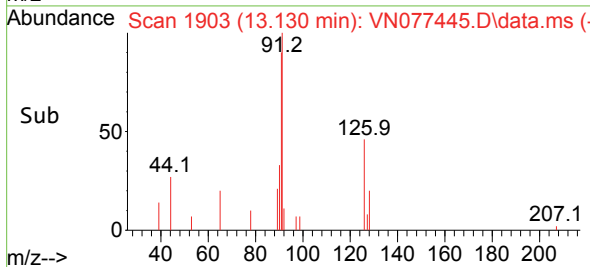
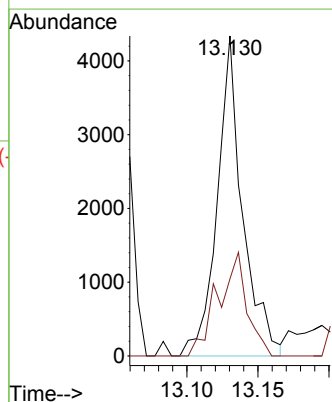
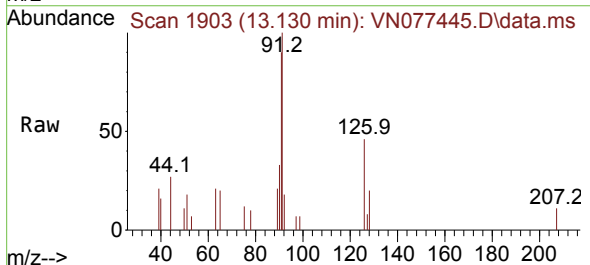
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBL01

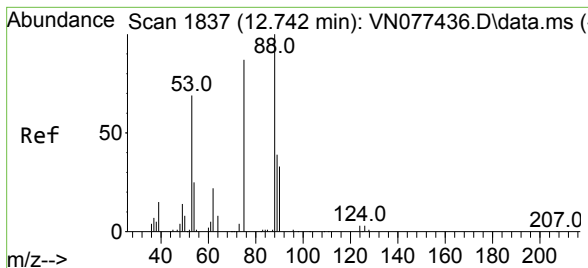
Tgt Ion: 91 Resp: 10508
Ion Ratio Lower Upper
91 100
120 27.8 11.5 34.4



#79
2-Chlorotoluene
Concen: 0.298 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VN077445.D
Acq: 25 Apr 2023 04:04

Tgt Ion: 91 Resp: 5385
Ion Ratio Lower Upper
91 100
126 37.1 16.3 48.8

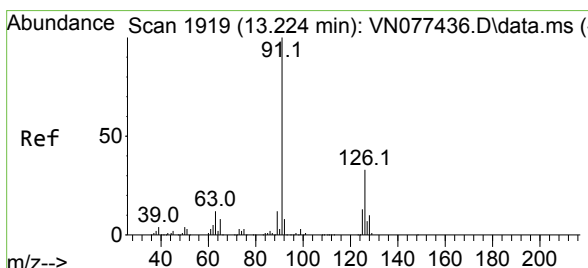
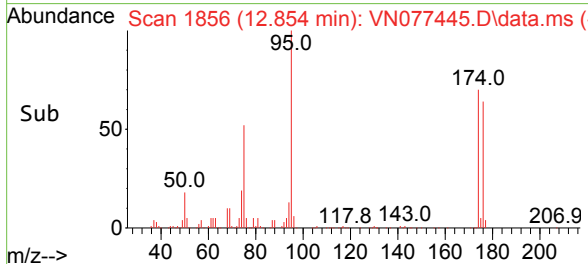
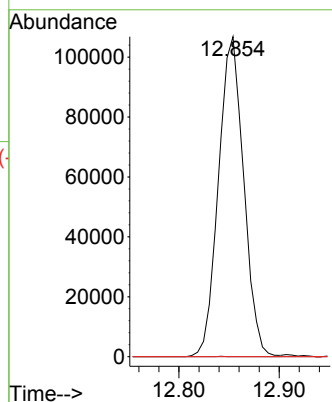
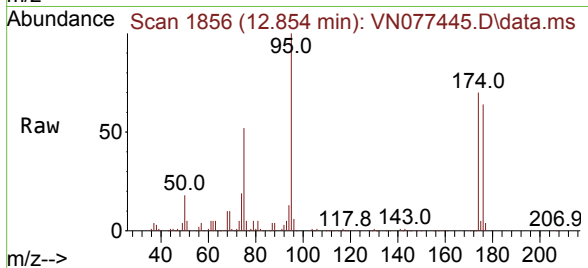




#81
trans-1,4-Dichloro-2-butene
Concen: 79.083 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.112 min
Lab File: VN077445.D
Acq: 25 Apr 2023 04:04

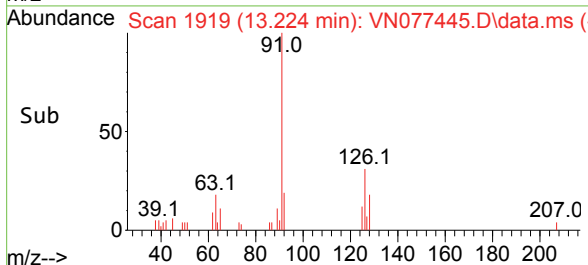
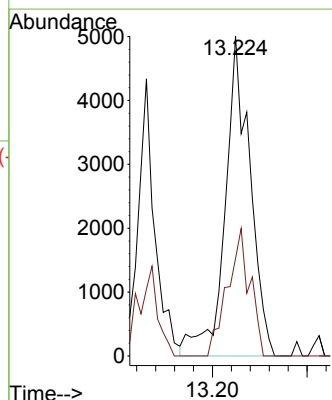
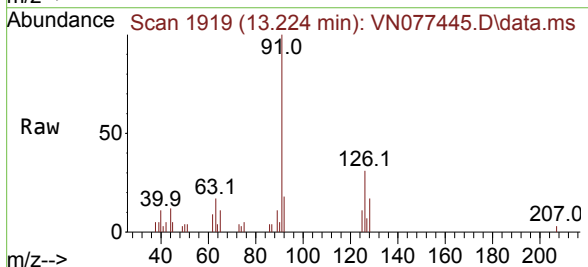
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBL01

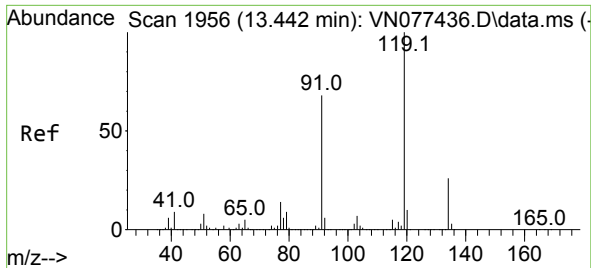
Tgt Ion: 75 Resp: 186000
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#



#82
4-Chlorotoluene
Concen: 0.541 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077445.D
Acq: 25 Apr 2023 04:04

Tgt Ion: 91 Resp: 9144
Ion Ratio Lower Upper
91 100
126 35.9 16.7 50.0

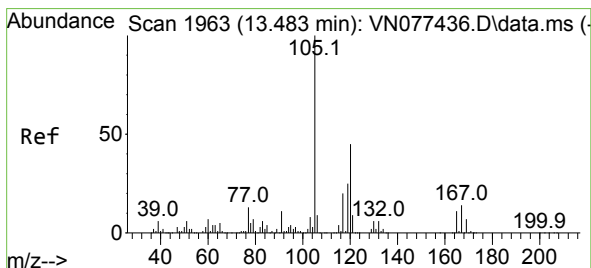
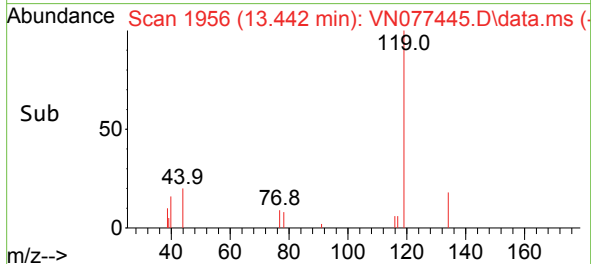
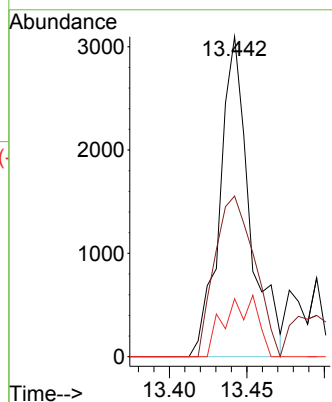
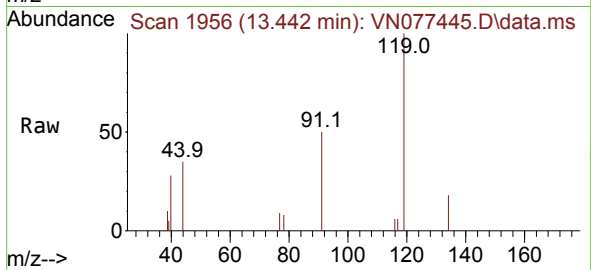




#83
tert-Butylbenzene
Concen: 0.217 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077445.D
Acq: 25 Apr 2023 04:04

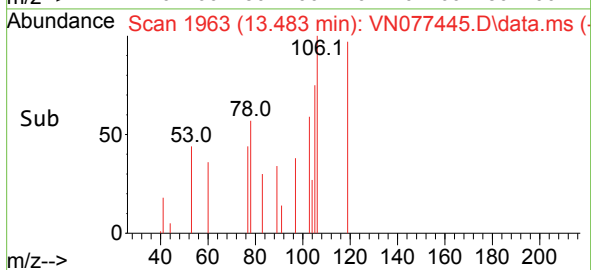
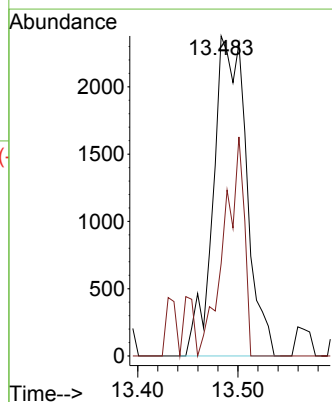
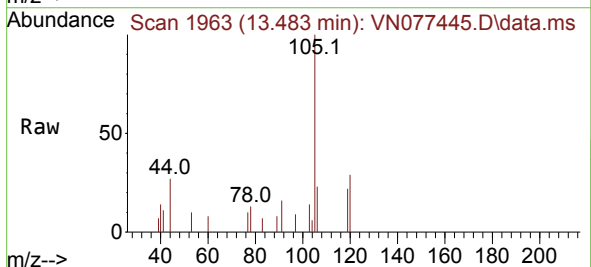
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBL01

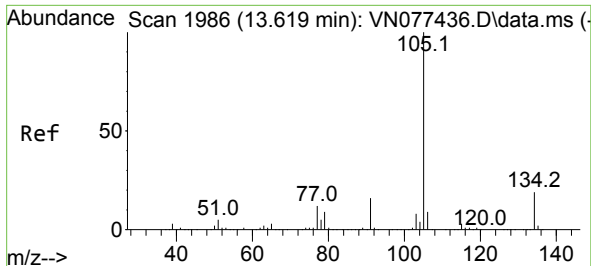
Tgt Ion:119 Resp: 4149
Ion Ratio Lower Upper
119 100
91 66.6 33.9 101.7
134 20.9 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 0.296 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN077445.D
Acq: 25 Apr 2023 04:04

Tgt Ion:105 Resp: 5444
Ion Ratio Lower Upper
105 100
120 41.2 22.0 66.0

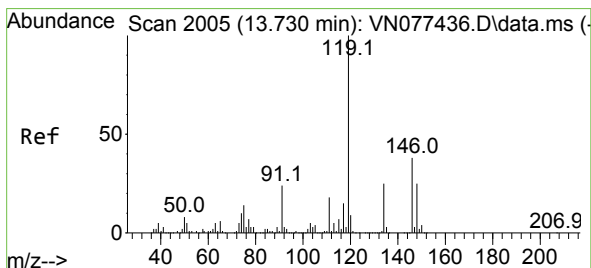
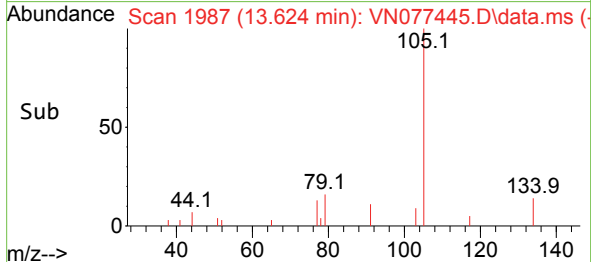
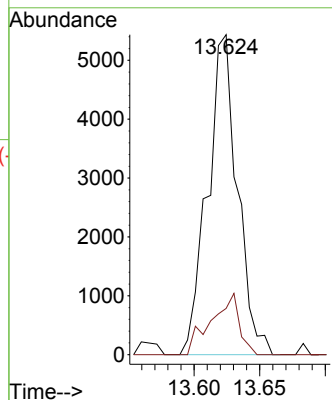
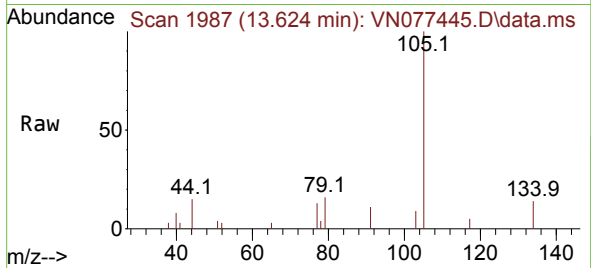




#85
 sec-Butylbenzene
 Concen: 0.328 ug/l
 RT: 13.624 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN077445.D
 Acq: 25 Apr 2023 04:04

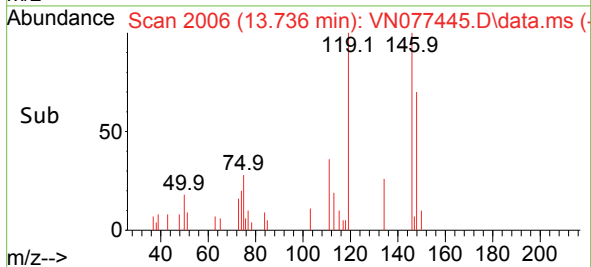
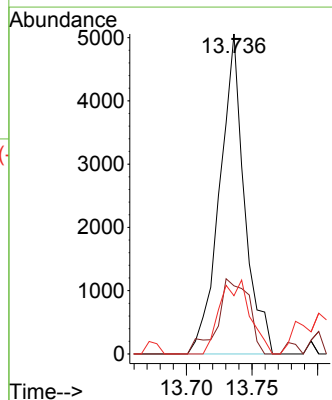
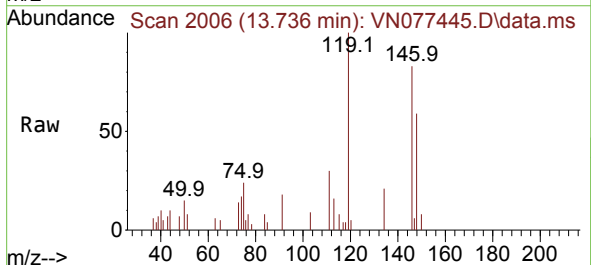
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0424WBL01

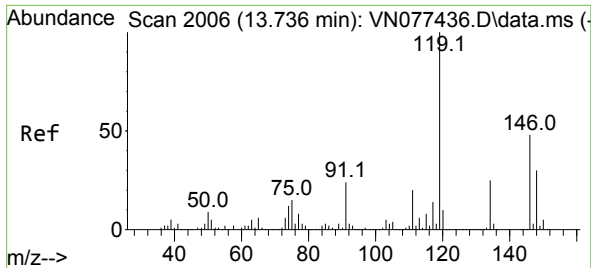
Tgt Ion:105 Resp: 8604
 Ion Ratio Lower Upper
 105 100
 134 18.0 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 0.329 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.006 min
 Lab File: VN077445.D
 Acq: 25 Apr 2023 04:04

Tgt Ion:119 Resp: 6636
 Ion Ratio Lower Upper
 119 100
 134 29.5 12.6 37.8
 91 28.3 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 0.720 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VN077445.D

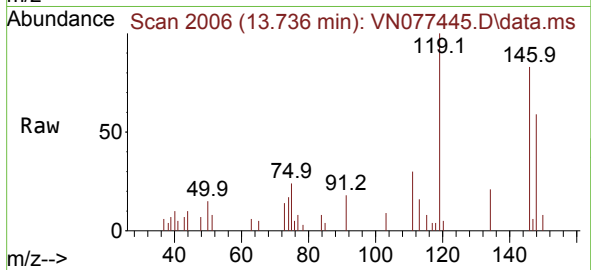
Acq: 25 Apr 2023 04:04

Instrument :

MSVOA_N

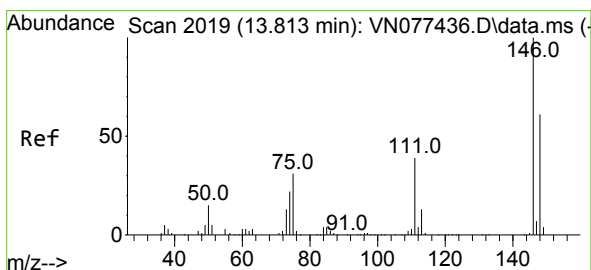
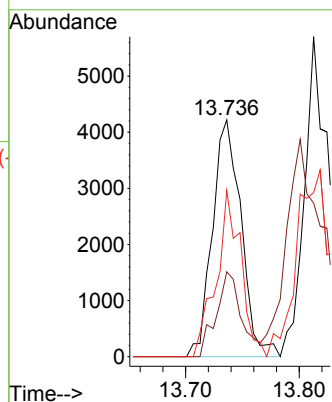
ClientSampleId :

VN0424WBL01



Tgt Ion:146 Resp: 7397

Ion	Ratio	Lower	Upper
146	100		
111	31.8	22.1	66.3
148	60.5	32.0	96.0



#88

1,4-Dichlorobenzene

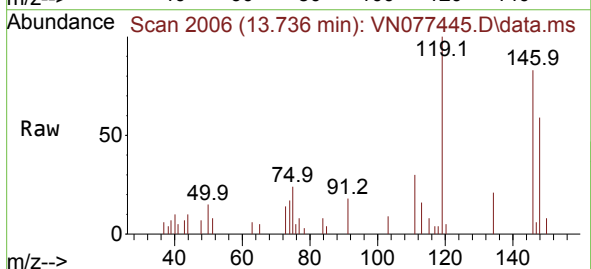
Concen: 0.729 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. -0.076 min

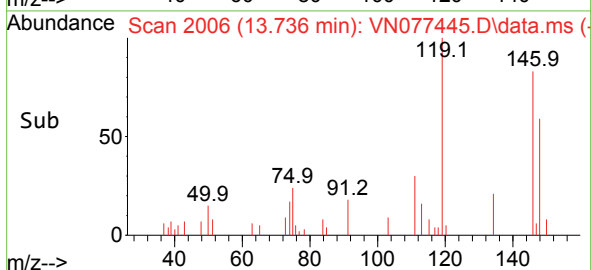
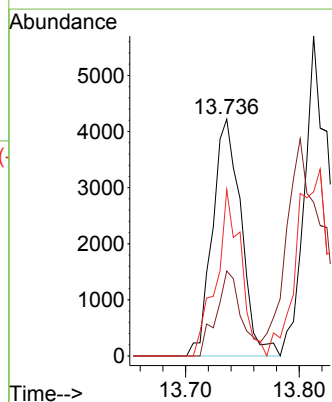
Lab File: VN077445.D

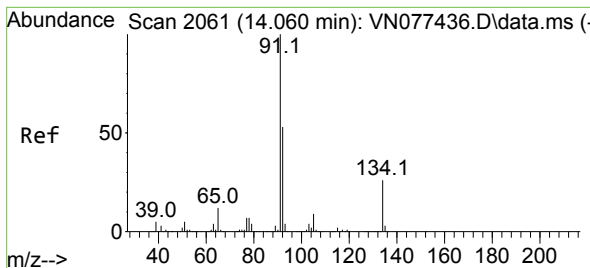
Acq: 25 Apr 2023 04:04



Tgt Ion:146 Resp: 7397

Ion	Ratio	Lower	Upper
146	100		
111	31.8	20.6	61.8
148	60.5	31.6	94.8





#89

n-Butylbenzene

Concen: 0.576 ug/l

RT: 14.060 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VN077445.D

Acq: 25 Apr 2023 04:04

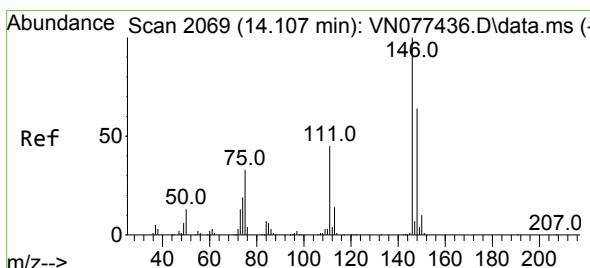
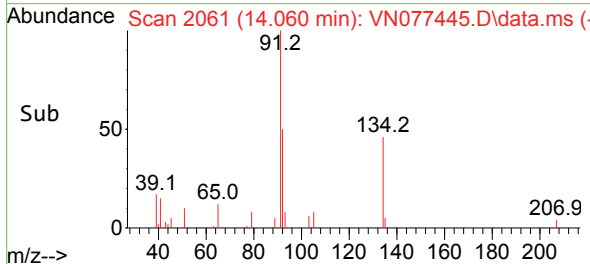
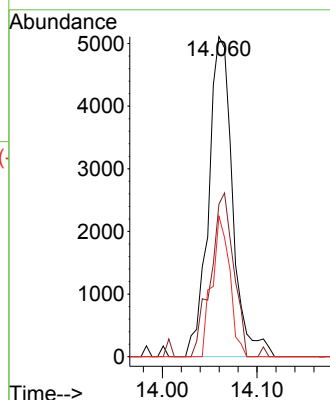
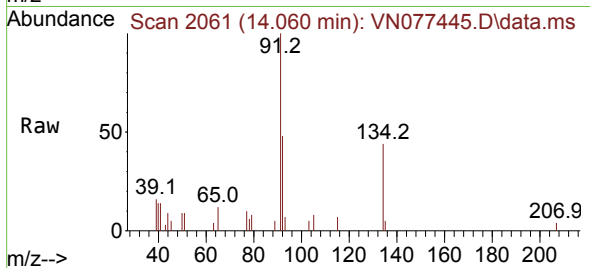
Instrument :

MSVOA_N

ClientSampleId :

VN0424WBL01

Tgt Ion: 91	Resp:	9004
Ion	Ratio	Lower Upper
91	100	
92	48.7	26.4 79.0
134	32.3	12.6 37.6



#91

1,2-Dichlorobenzene

Concen: 0.658 ug/l

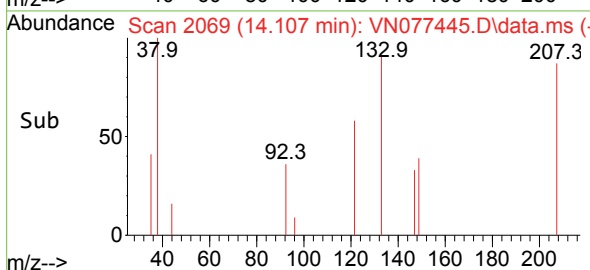
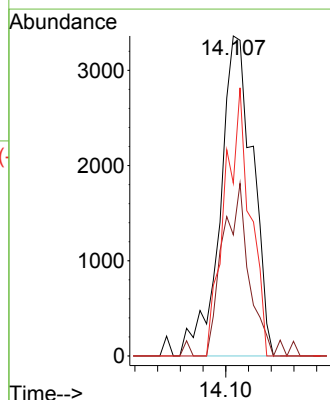
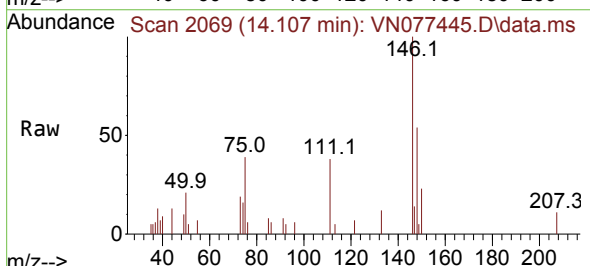
RT: 14.107 min Scan# 2069

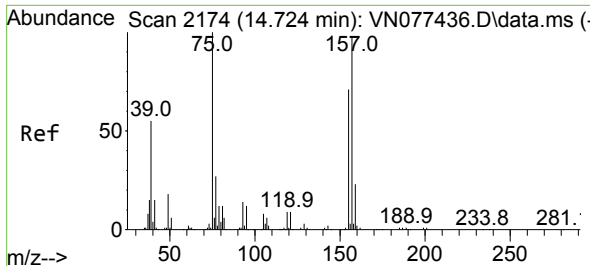
Delta R.T. 0.000 min

Lab File: VN077445.D

Acq: 25 Apr 2023 04:04

Tgt Ion: 146	Resp:	6704
Ion	Ratio	Lower Upper
146	100	
111	43.0	22.0 66.0
148	65.0	31.8 95.3





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.854 ug/l

RT: 14.718 min Scan# 2173

Delta R.T. -0.006 min

Lab File: VN077445.D

Acq: 25 Apr 2023 04:04

Instrument :

MSVOA_N

ClientSampleId :

VN0424WBL01

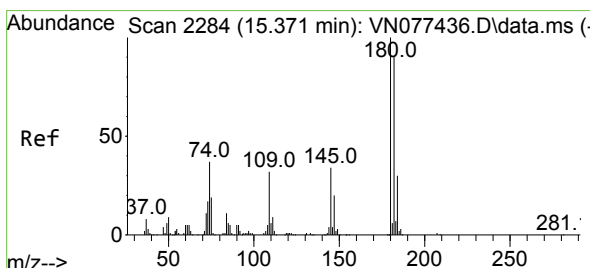
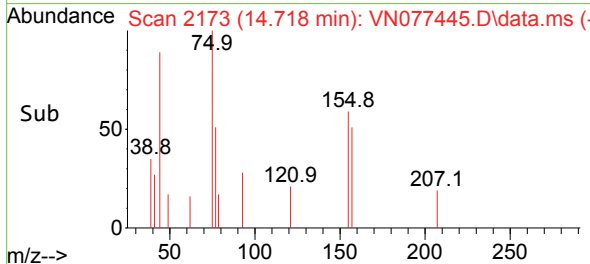
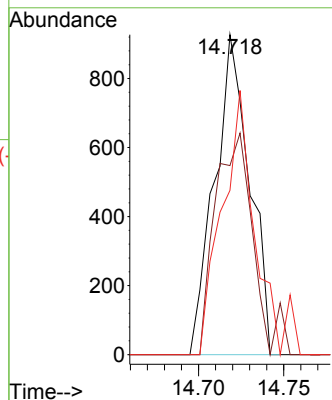
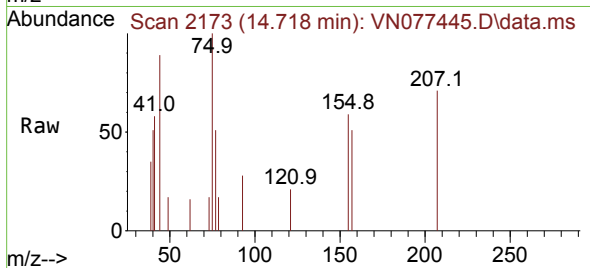
Tgt Ion: 75 Resp: 1316

Ion Ratio Lower Upper

75 100

155 75.5 39.1 117.2

157 79.5 50.3 150.9



#93

1,2,4-Trichlorobenzene

Concen: 3.333 ug/l

RT: 15.371 min Scan# 2284

Delta R.T. 0.000 min

Lab File: VN077445.D

Acq: 25 Apr 2023 04:04

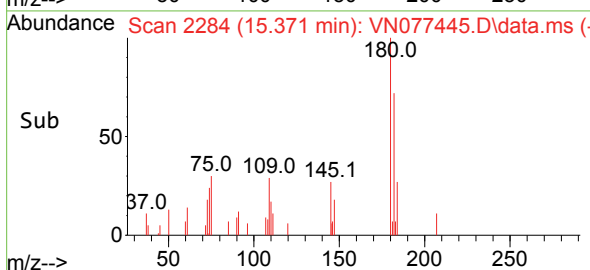
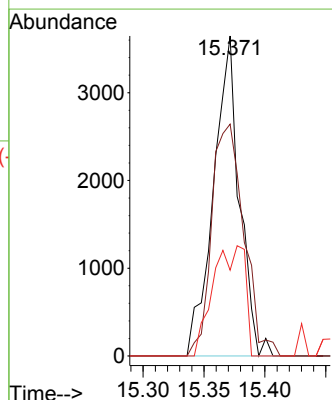
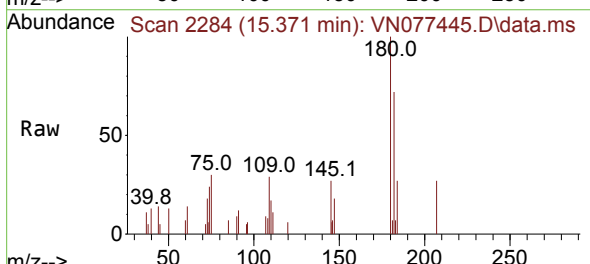
Tgt Ion: 180 Resp: 5404

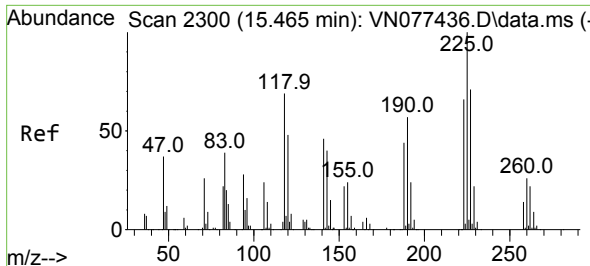
Ion Ratio Lower Upper

180 100

182 89.9 46.1 138.2

145 42.9 16.6 49.8

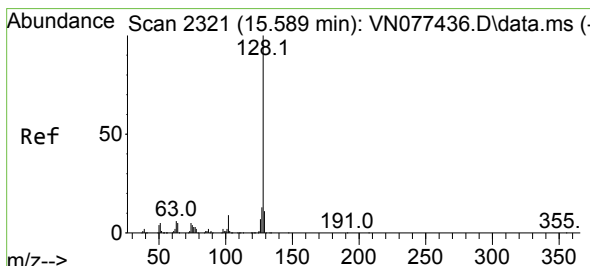
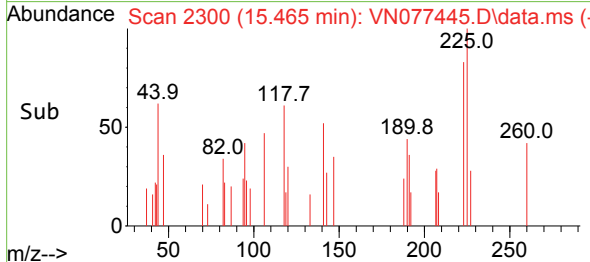
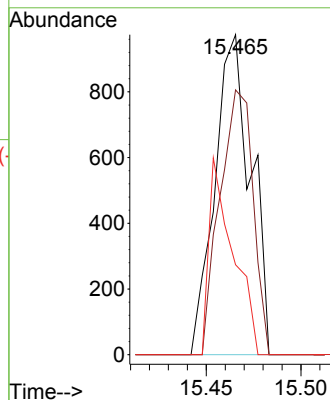
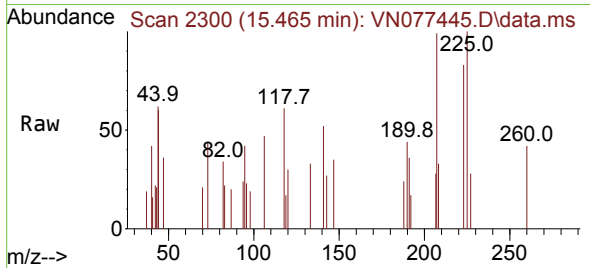




#94
Hexachlorobutadiene
Concen: 0.624 ug/l
RT: 15.465 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN077445.D
Acq: 25 Apr 2023 04:04

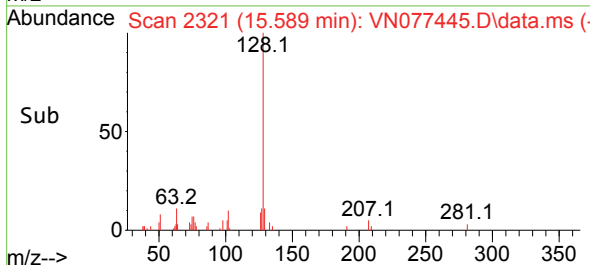
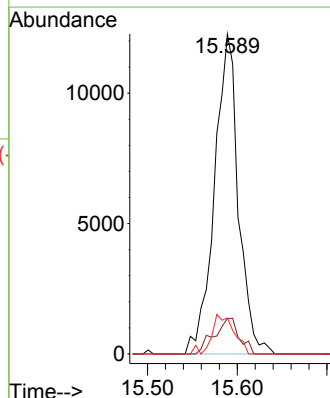
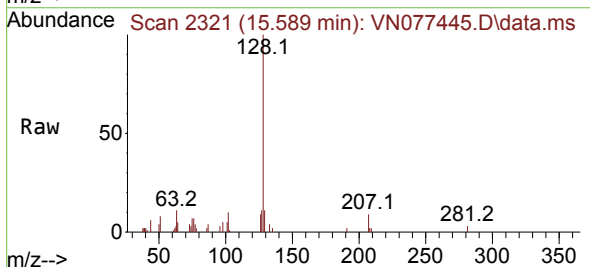
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBL01

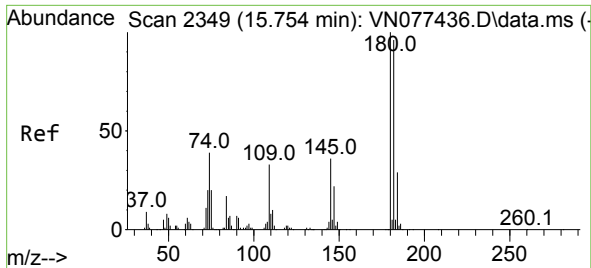
Tgt Ion:225 Resp: 1286
Ion Ratio Lower Upper
225 100
223 76.4 31.3 93.8
227 41.4 31.9 95.9



#95
Naphthalene
Concen: 4.009 ug/l
RT: 15.589 min Scan# 2321
Delta R.T. 0.000 min
Lab File: VN077445.D
Acq: 25 Apr 2023 04:04

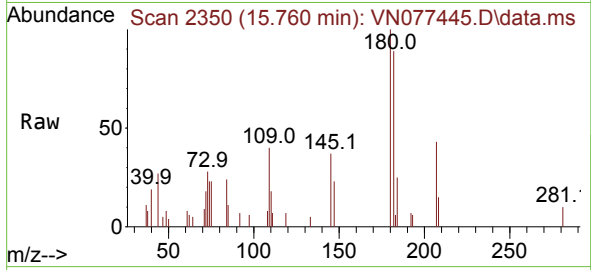
Tgt Ion:128 Resp: 22752
Ion Ratio Lower Upper
128 100
127 11.7 10.0 15.0
129 11.4 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 3.531 ug/l
 RT: 15.760 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN077445.D
 Acq: 25 Apr 2023 04:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0424WBL01



Tgt Ion:	180	Resp:	5987
Ion	Ratio	Lower	Upper
180	100		
182	97.4	46.2	138.6
145	27.3	17.5	52.6

