

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011023\
 Data File : VN076183.D
 Acq On : 10 Jan 2023 15:37
 Operator : JC\MD
 Sample : N6245-03DL 40X
 Misc : 3.60gr/5.0mL/100uL/5.0mL/MSVOA_N/MeOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 11 01:06:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

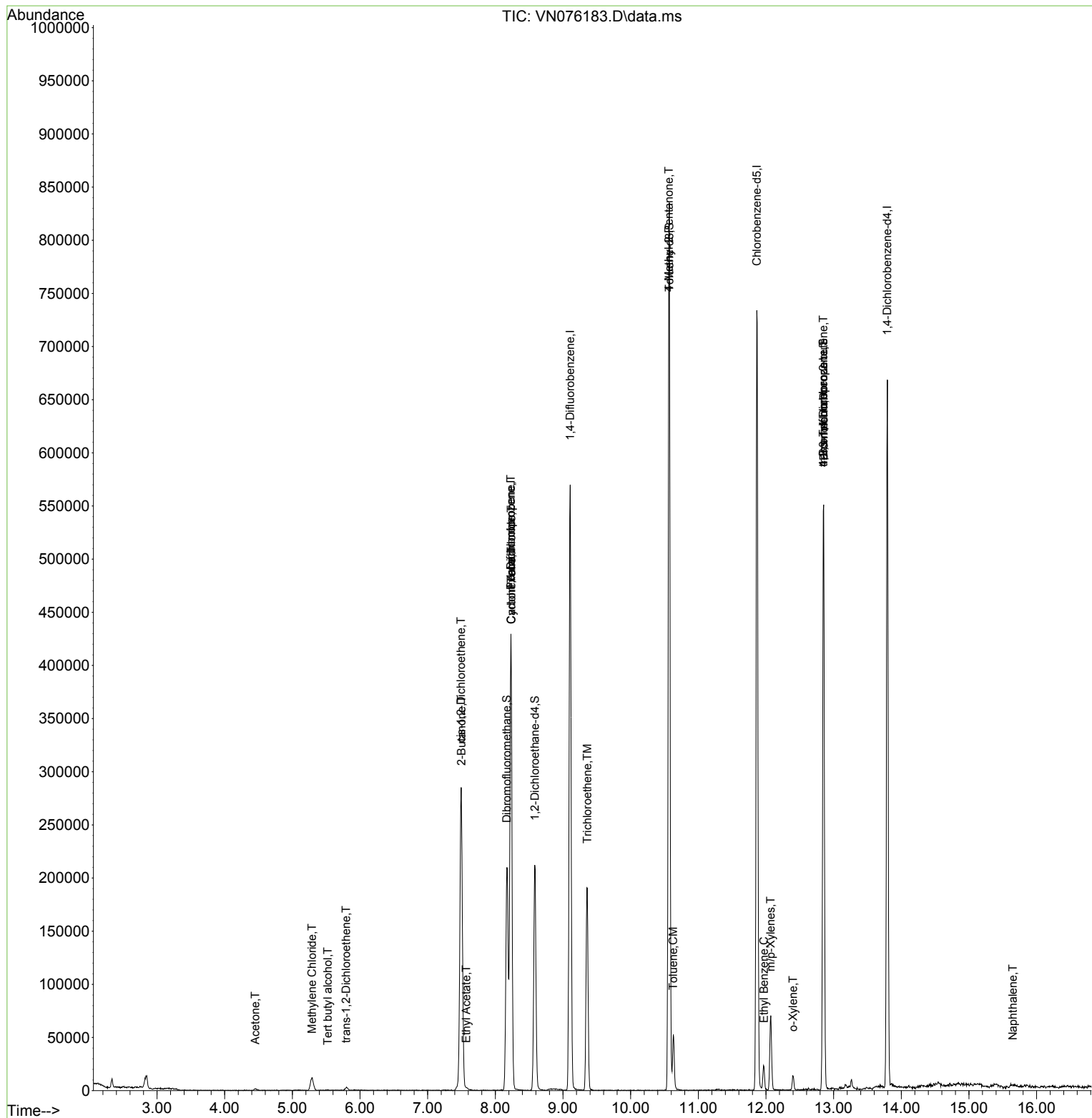
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	329033	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	520629	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	448718	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	184949	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	174908	48.863	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.720%
35) Dibromofluoromethane	8.171	113	155961	48.372	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.740%
50) Toluene-d8	10.571	98	593396	49.225	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.440%
62) 4-Bromofluorobenzene	12.847	95	190029	47.594	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.180%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.524	59	215	0.424	ug/l #	72
16) Acetone	4.454	43	3343	2.709	ug/l	94
20) Methylene Chloride	5.289	84	10023	2.427	ug/l	94
21) trans-1,2-Dichloroethene	5.795	96	1912	0.599	ug/l #	67
25) 2-Butanone	7.500	43	1227	0.710	ug/l #	1
27) cis-1,2-Dichloroethene	7.494	96	180858	47.350	ug/l	94
31) Cyclohexane	8.236	56	6737	1.314	ug/l #	20
36) 1,1-Dichloropropene	8.230	75	23708	5.535	ug/l #	50
37) Ethyl Acetate	7.571	43	1888	0.549	ug/l #	65
38) Carbon Tetrachloride	8.236	117	32078	6.692	ug/l #	16
44) Trichloroethene	9.359	130	71287	19.149	ug/l	98
51) 4-Methyl-2-Pentanone	10.565	43	2086	0.608	ug/l #	1
52) Toluene	10.630	92	22277	2.588	ug/l	97
67) Ethyl Benzene	11.971	91	17684	1.138	ug/l	99
68) m/p-Xylenes	12.071	106	22206	3.609	ug/l	91
69) o-Xylene	12.400	106	4289	0.704	ug/l	99
71) Bromoform	12.853	173	1545	0.622	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	97411	26.129	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	97411	94.050	ug/l #	12
95) Naphthalene	15.647	128	1986	2.366	ug/l #	85

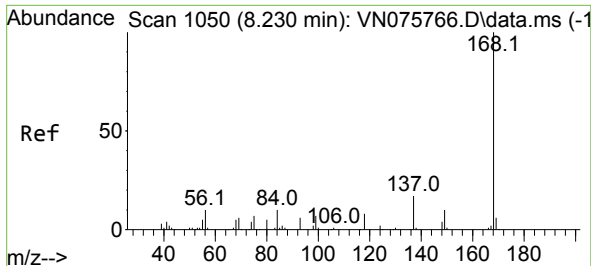
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 14 13:03:41 2022
Response via : Initial Calibration

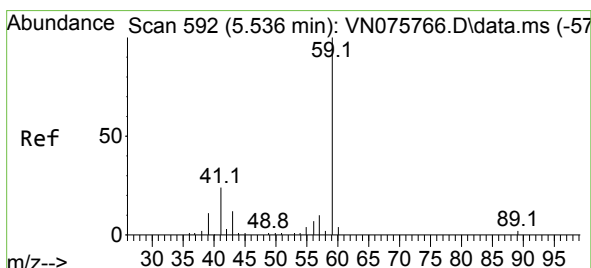
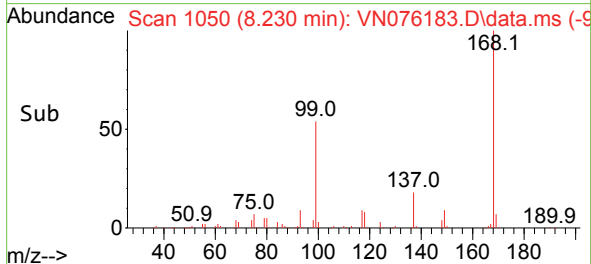
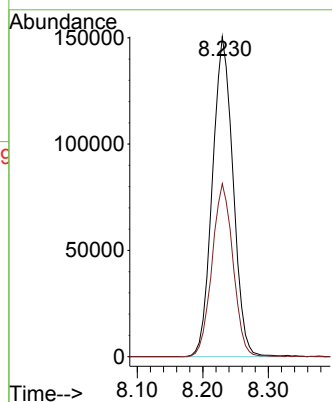
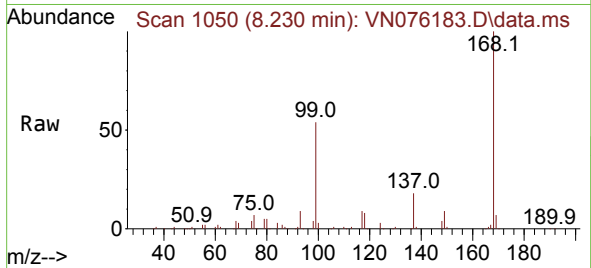




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076183.D
Acq: 10 Jan 2023 15:37

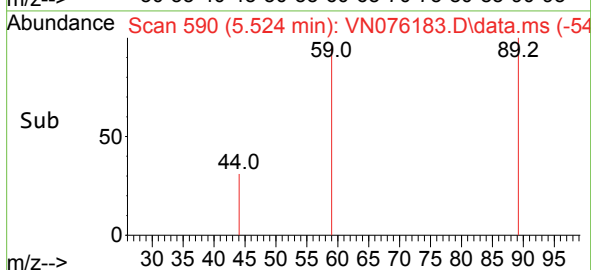
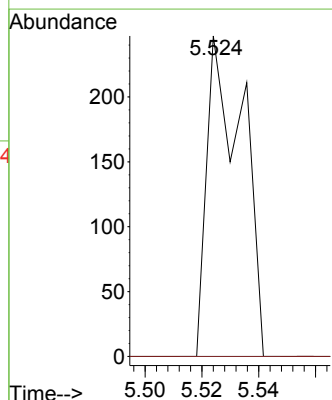
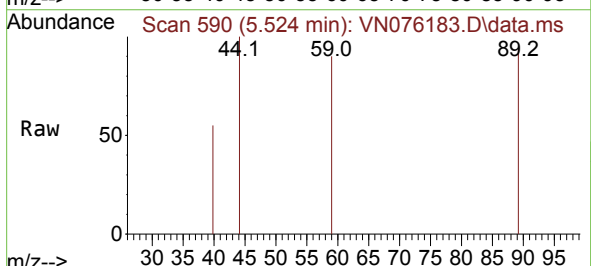
Instrument :
MSVOA_N
ClientSampleId :

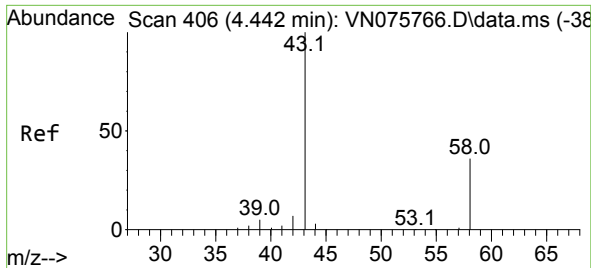
Tgt Ion:168 Resp: 329033
Ion Ratio Lower Upper
168 100
99 54.0 44.2 66.4



#11
Tert butyl alcohol
Concen: 0.424 ug/l
RT: 5.524 min Scan# 590
Delta R.T. -0.012 min
Lab File: VN076183.D
Acq: 10 Jan 2023 15:37

Tgt Ion: 59 Resp: 215
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#16

Acetone

Concen: 2.709 ug/l

RT: 4.454 min Scan# 406

Delta R.T. 0.012 min

Lab File: VN076183.D

Acq: 10 Jan 2023 15:37

Instrument :

MSVOA_N

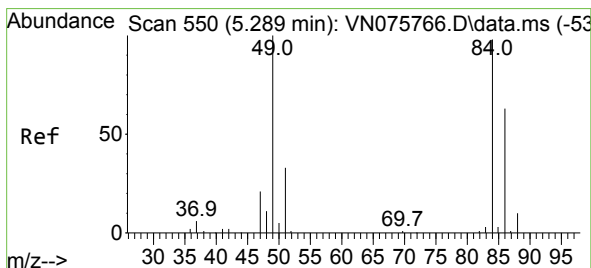
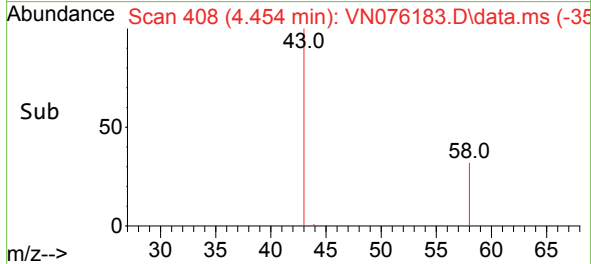
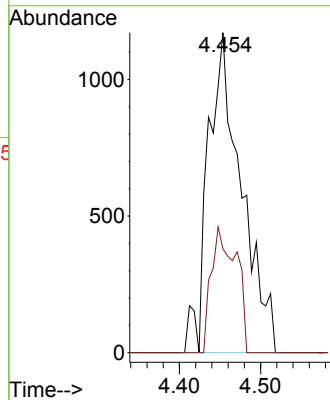
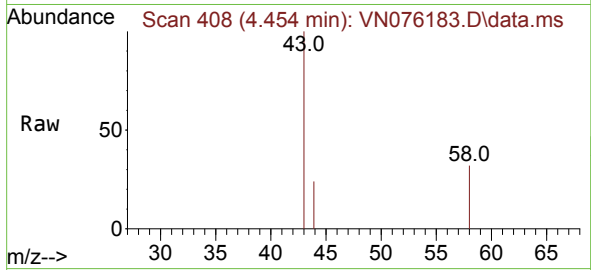
ClientSampleId :

Tgt Ion: 43 Resp: 3343

Ion Ratio Lower Upper

43 100

58 32.5 28.6 43.0



#20

Methylene Chloride

Concen: 2.427 ug/l

RT: 5.289 min Scan# 550

Delta R.T. -0.000 min

Lab File: VN076183.D

Acq: 10 Jan 2023 15:37

Tgt Ion: 84 Resp: 10023

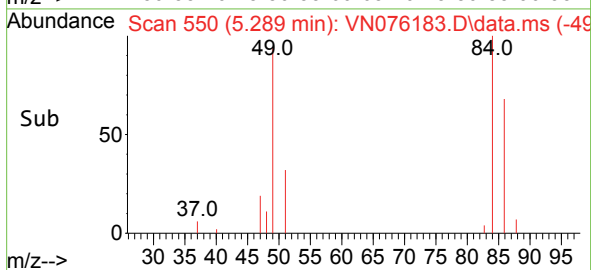
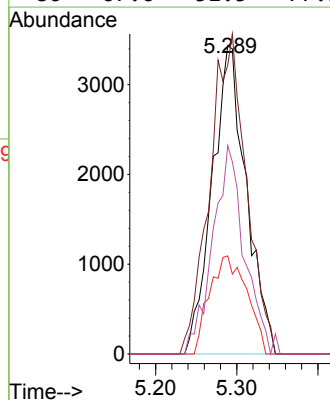
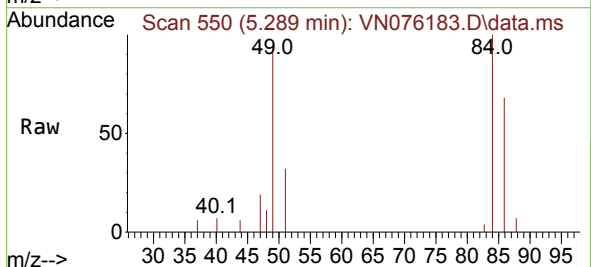
Ion Ratio Lower Upper

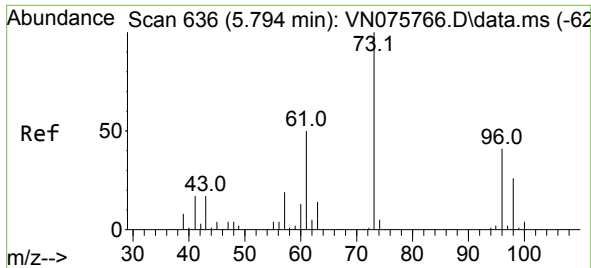
84 100

49 93.7 81.8 122.6

51 31.8 26.7 40.1

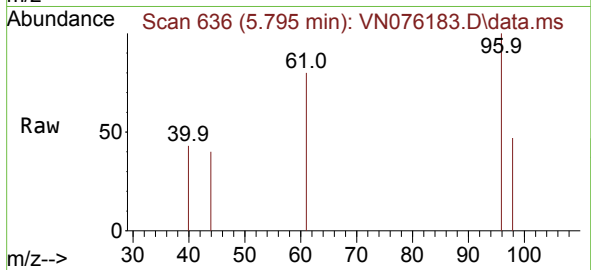
86 67.6 51.5 77.3



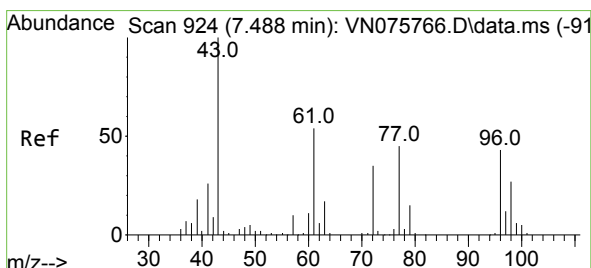
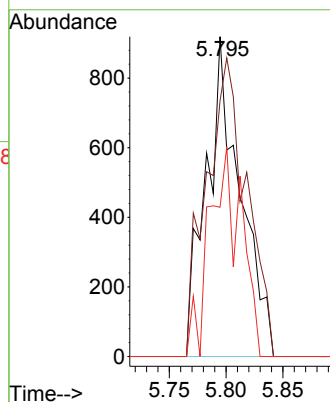
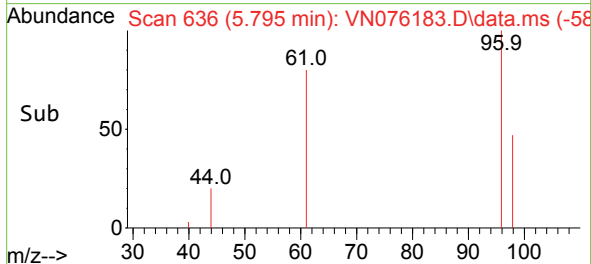


#21
trans-1,2-Dichloroethene
Concen: 0.599 ug/l
RT: 5.795 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN076183.D
Acq: 10 Jan 2023 15:37

Instrument :
MSVOA_N
ClientSampleId :

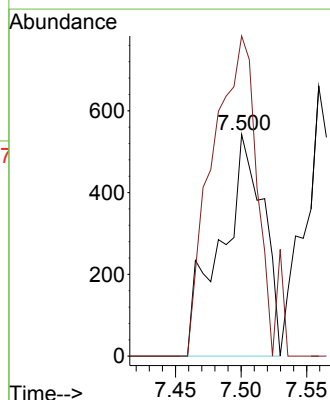
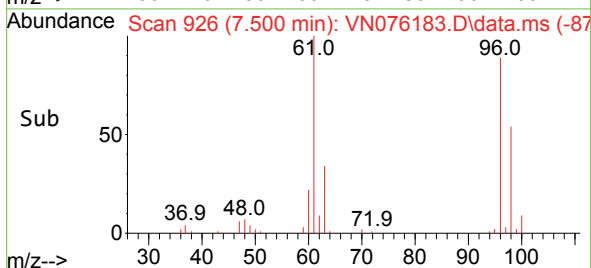
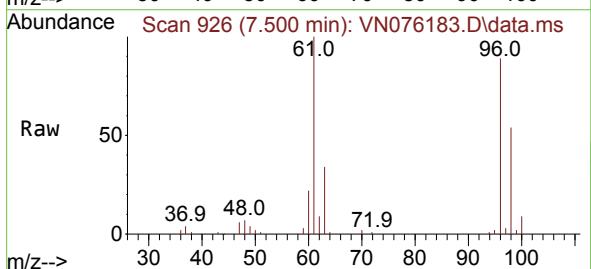


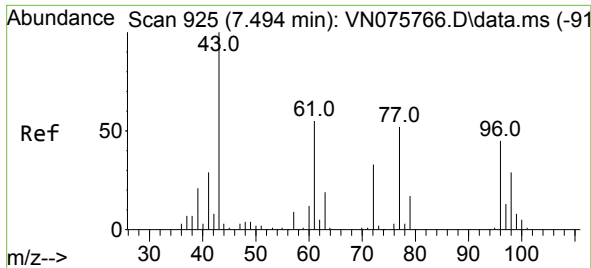
Tgt Ion: 96 Resp: 1912
Ion Ratio Lower Upper
96 100
61 80.0 98.1 147.1#
98 46.7 51.4 77.2#



#25
2-Butanone
Concen: 0.710 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.012 min
Lab File: VN076183.D
Acq: 10 Jan 2023 15:37

Tgt Ion: 43 Resp: 1227
Ion Ratio Lower Upper
43 100
72 103.3 28.0 42.0#

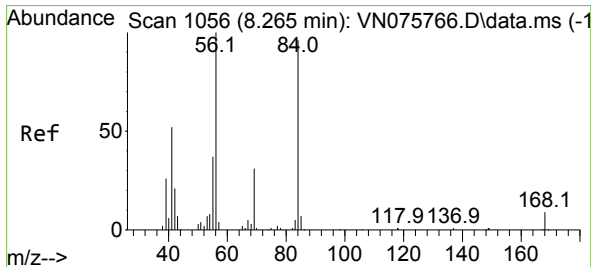
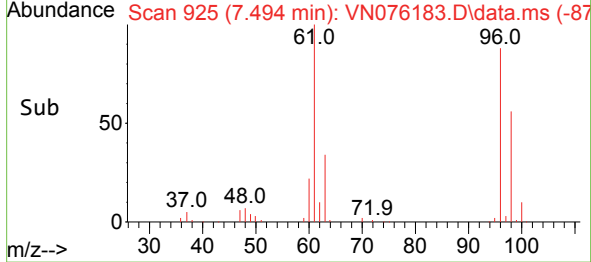
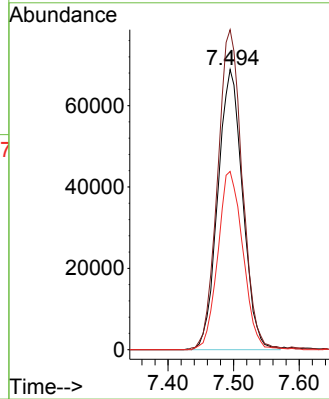
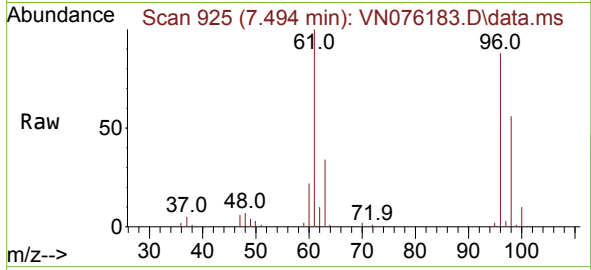




#27
 cis-1,2-Dichloroethene
 Concen: 47.350 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN076183.D
 Acq: 10 Jan 2023 15:37

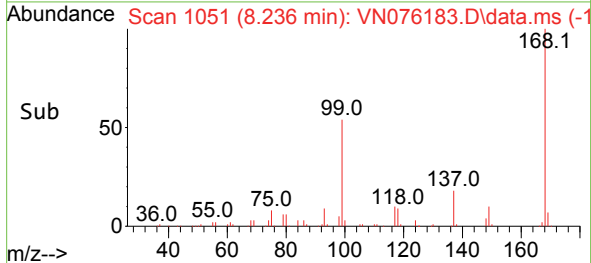
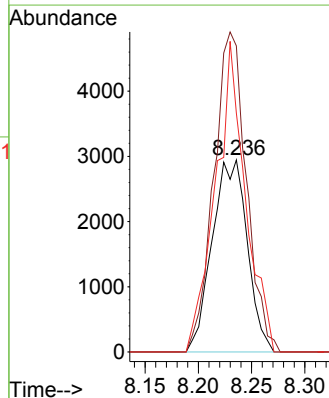
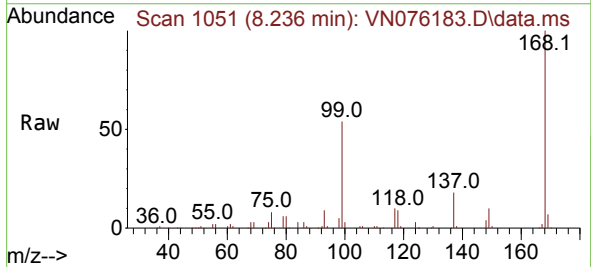
Instrument :
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 ClientSampleId :

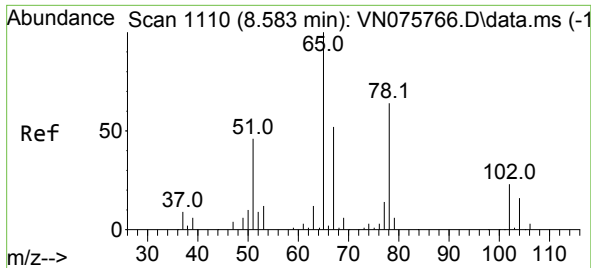
Tgt Ion: 96 Resp: 180858
 Ion Ratio Lower Upper
 96 100
 61 113.6 0.0 247.8
 98 64.2 0.0 128.4



#31
 Cyclohexane
 Concen: 1.314 ug/l
 RT: 8.236 min Scan# 1051
 Delta R.T. -0.029 min
 Lab File: VN076183.D
 Acq: 10 Jan 2023 15:37

Tgt Ion: 56 Resp: 6737
 Ion Ratio Lower Upper
 56 100
 69 159.4 24.7 37.1#
 84 124.4 76.5 114.7#

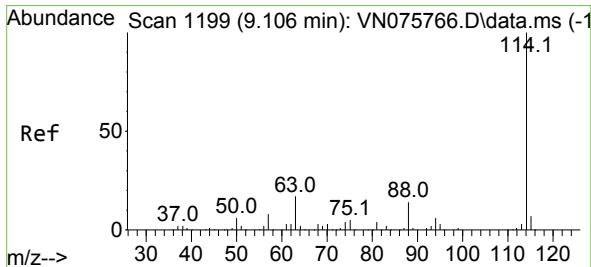
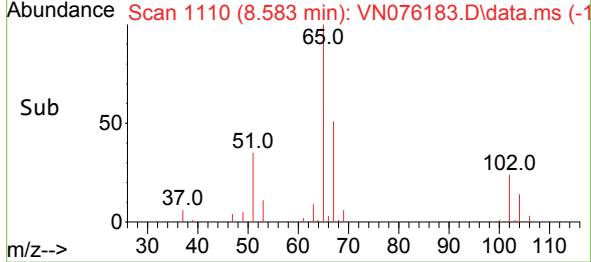
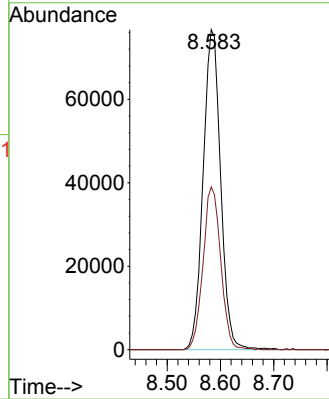
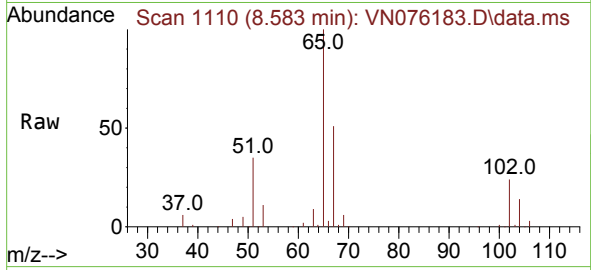




#33
 1,2-Dichloroethane-d4
 Concen: 48.863 ug/l
 RT: 8.583 min Scan# 1110
 Delta R.T. 0.000 min
 Lab File: VN076183.D
 Acq: 10 Jan 2023 15:37

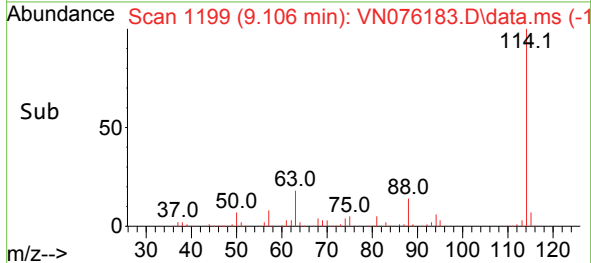
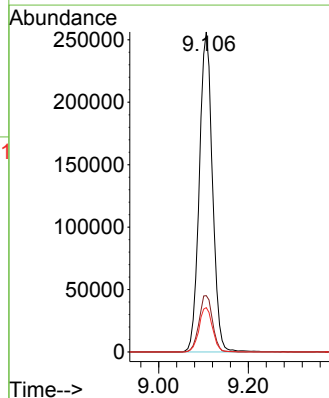
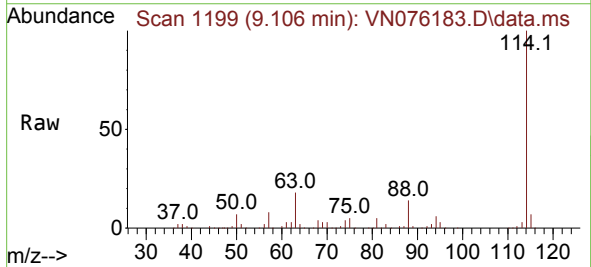
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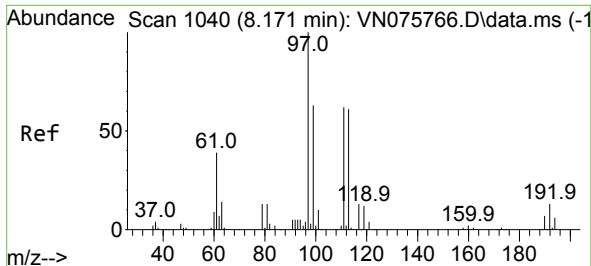
Tgt Ion: 65 Resp: 174908
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1199
 Delta R.T. 0.000 min
 Lab File: VN076183.D
 Acq: 10 Jan 2023 15:37

Tgt Ion: 114 Resp: 520629
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 34.4
 88 13.9 0.0 28.8





#35

Dibromofluoromethane

Concen: 48.372 ug/l

RT: 8.171 min Scan# 1

Delta R.T. 0.000 min

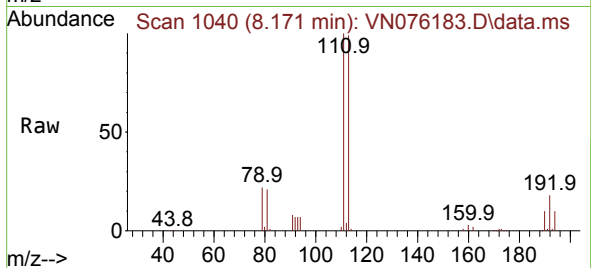
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Instrument :

MSVOA_N

ClientSampleId :



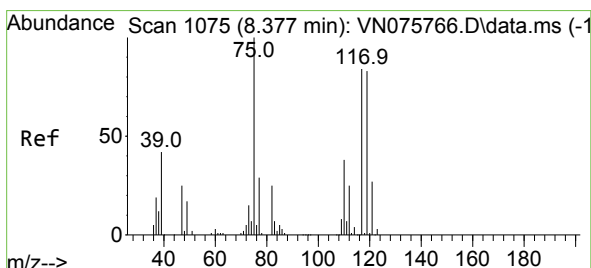
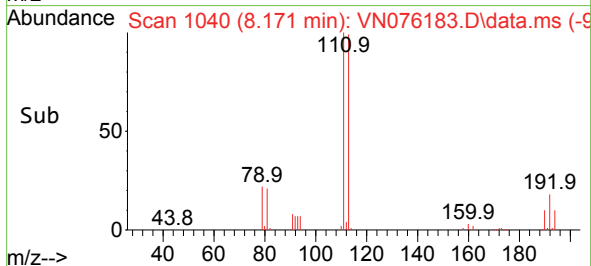
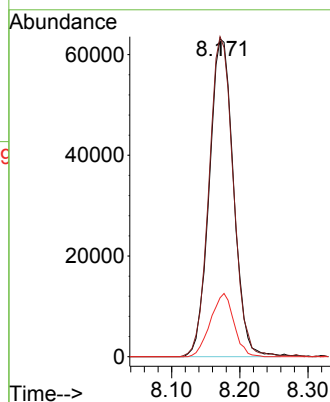
Tgt Ion:113 Resp: 155961

Ion Ratio Lower Upper

113 100

111 100.9 83.4 125.2

192 19.3 16.1 24.1



#36

1,1-Dichloropropene

Concen: 5.535 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.147 min

Lab File: VN076183.D

Acq: 10 Jan 2023 15:37

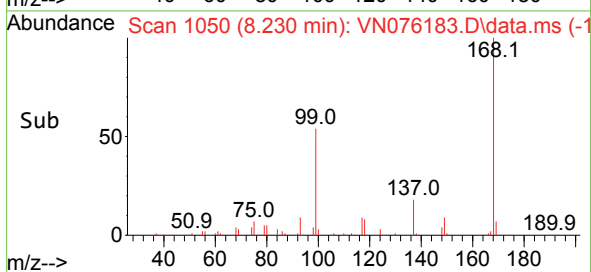
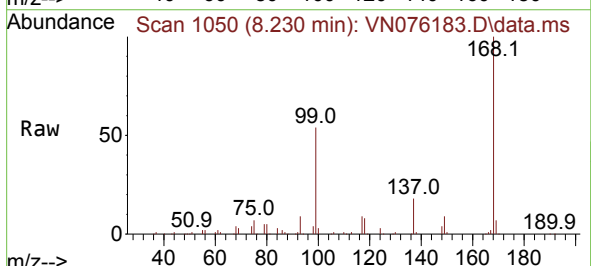
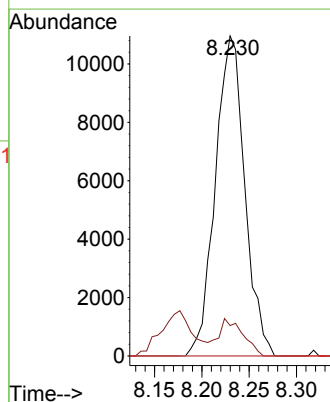
Tgt Ion: 75 Resp: 23708

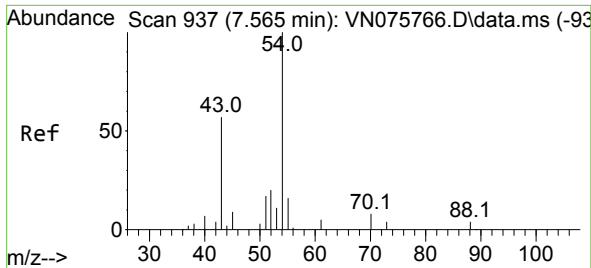
Ion Ratio Lower Upper

75 100

110 9.8 18.8 56.4#

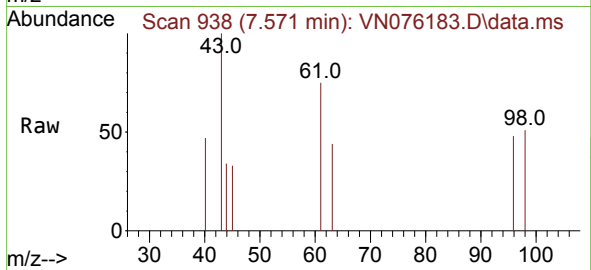
77 0.0 24.1 36.1#



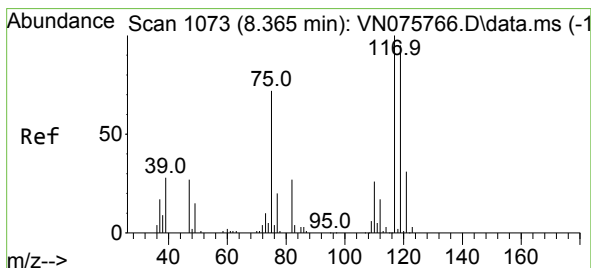
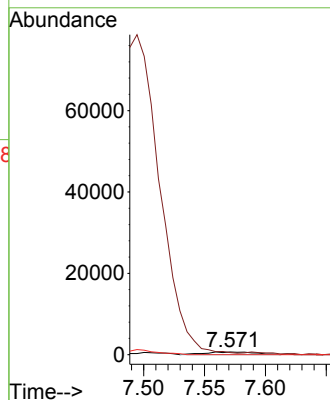
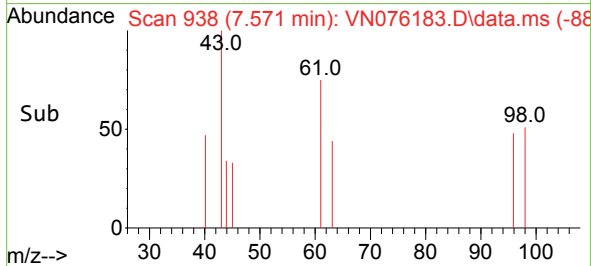


#37
Ethyl Acetate
Concen: 0.549 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076183.D
Acq: 10 Jan 2023 15:37

Instrument :
MSVOA_N
ClientSampleId :

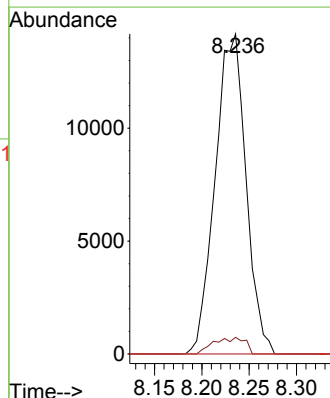
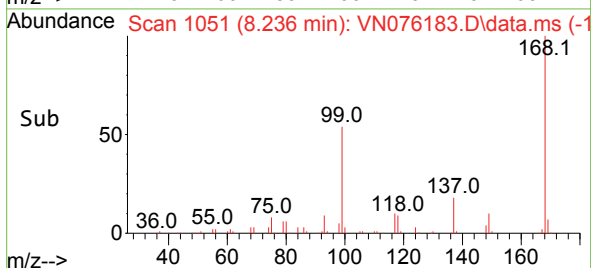
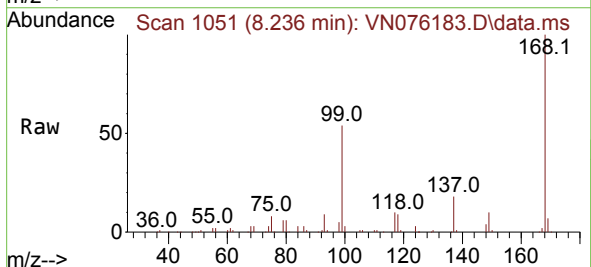


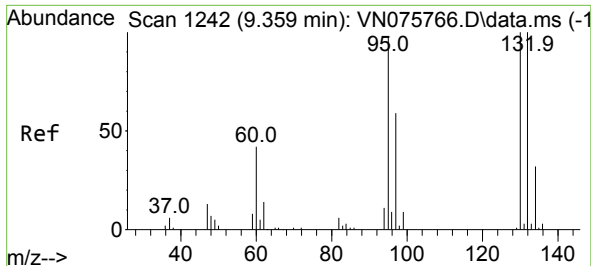
Tgt Ion: 43 Resp: 1888
Ion Ratio Lower Upper
43 100
61 0.0 13.0 19.4#
70 0.0 9.4 14.0#



#38
Carbon Tetrachloride
Concen: 6.692 ug/l
RT: 8.236 min Scan# 1051
Delta R.T. -0.129 min
Lab File: VN076183.D
Acq: 10 Jan 2023 15:37

Tgt Ion: 117 Resp: 32078
Ion Ratio Lower Upper
117 100
119 5.2 76.1 114.1#
121 0.0 24.5 36.7#

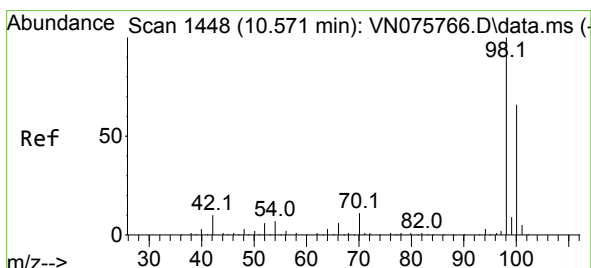
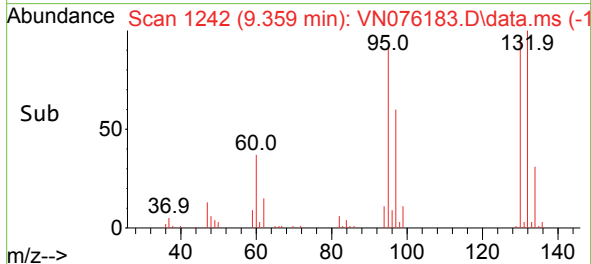
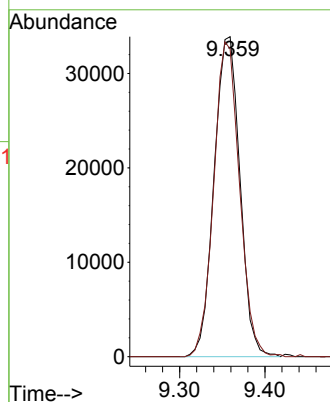
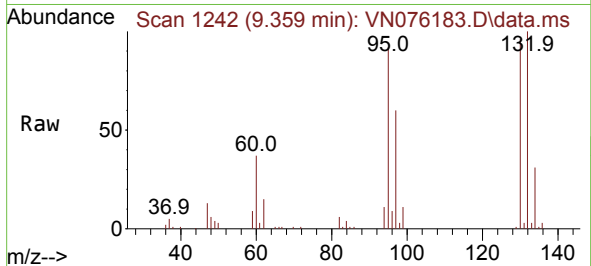




#44
Trichloroethene
Concen: 19.149 ug/l
RT: 9.359 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076183.D
Acq: 10 Jan 2023 15:37

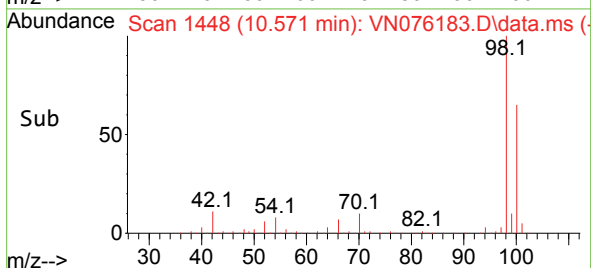
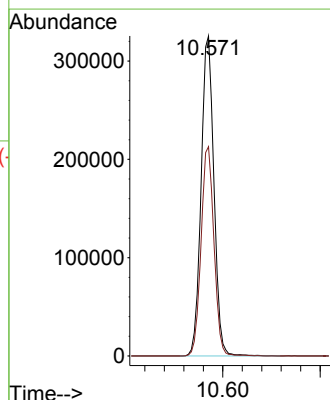
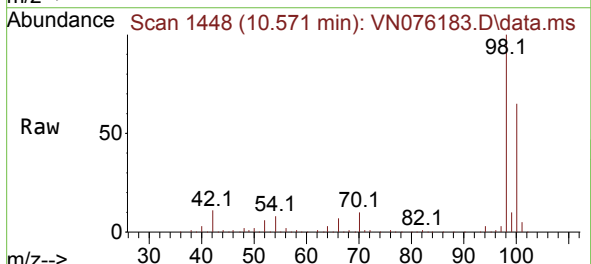
Instrument :
MSVOA_N
ClientSampleId :

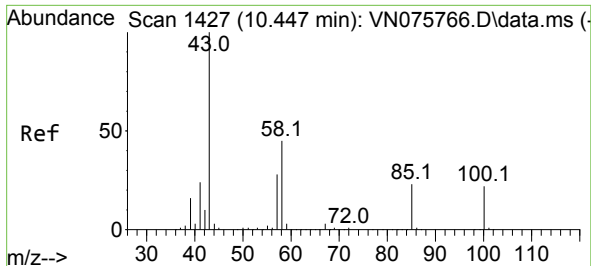
Tgt Ion:130 Resp: 71287
Ion Ratio Lower Upper
130 100
95 96.1 0.0 195.4



#50
Toluene-d8
Concen: 49.225 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN076183.D
Acq: 10 Jan 2023 15:37

Tgt Ion: 98 Resp: 593396
Ion Ratio Lower Upper
98 100
100 66.0 52.1 78.1

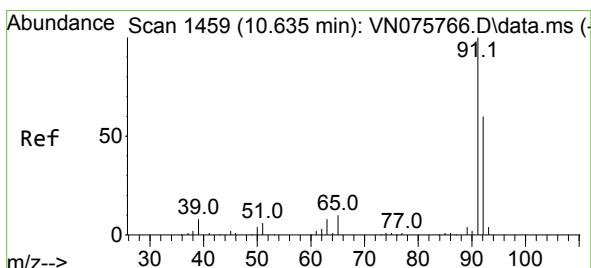
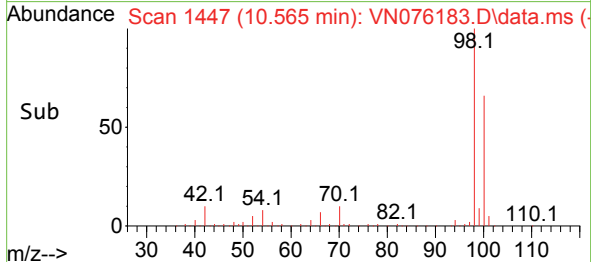
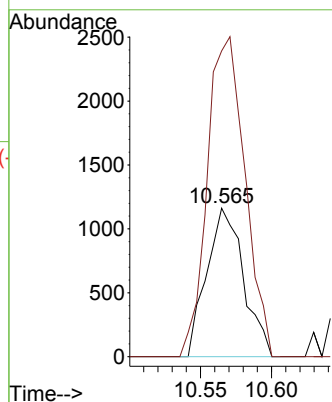
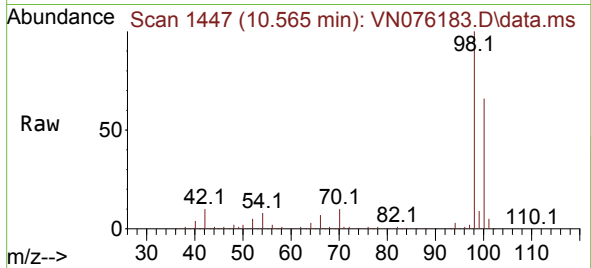




#51
4-Methyl-2-Pentanone
Concen: 0.608 ug/l
RT: 10.565 min Scan# 1427
Delta R.T. 0.118 min
Lab File: VN076183.D
Acq: 10 Jan 2023 15:37

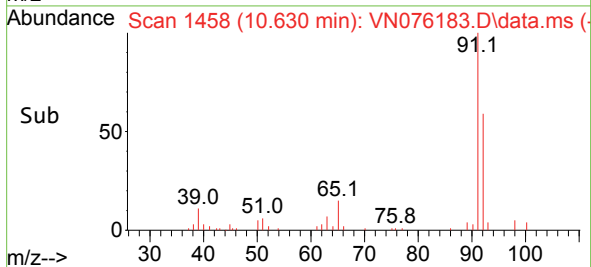
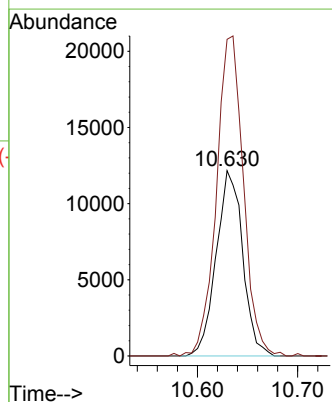
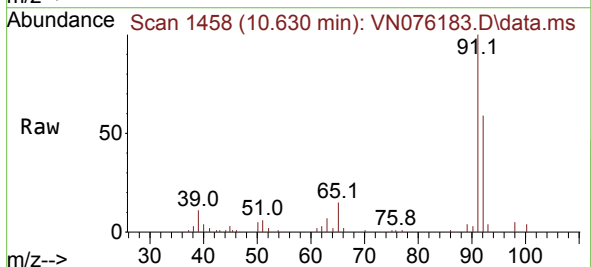
Instrument :
MSVOA_N
ClientSampleId :

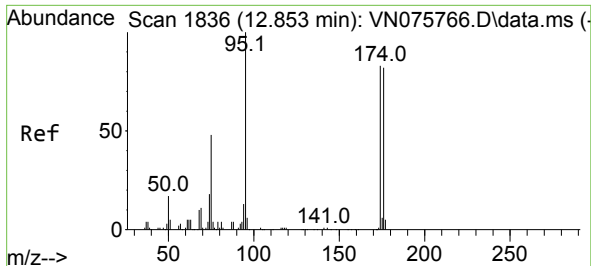
Tgt Ion: 43 Resp: 2086
Ion Ratio Lower Upper
43 100
58 221.9 35.5 53.3#



#52
Toluene
Concen: 2.588 ug/l
RT: 10.630 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN076183.D
Acq: 10 Jan 2023 15:37

Tgt Ion: 92 Resp: 22277
Ion Ratio Lower Upper
92 100
91 176.3 137.3 205.9

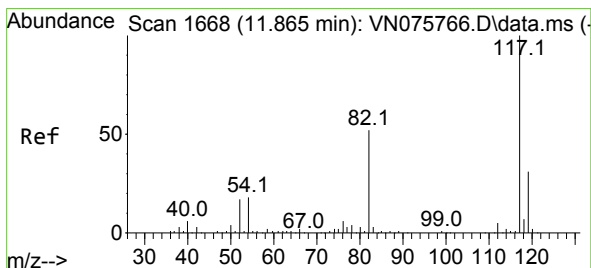
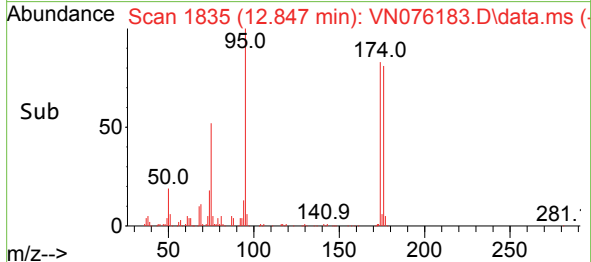
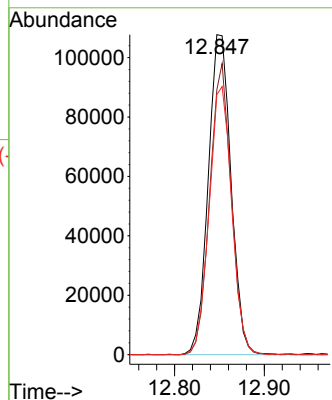
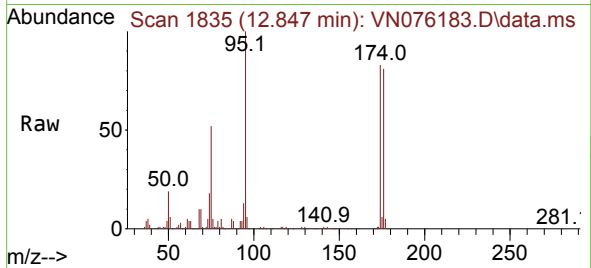




#62
4-Bromofluorobenzene
Concen: 47.594 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN076183.D
Acq: 10 Jan 2023 15:37

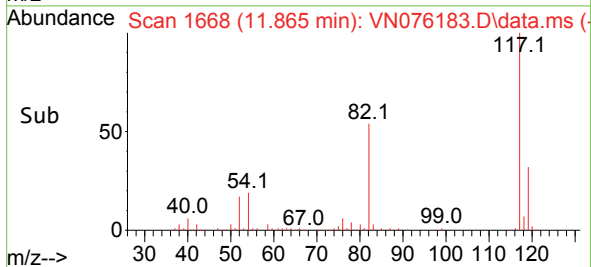
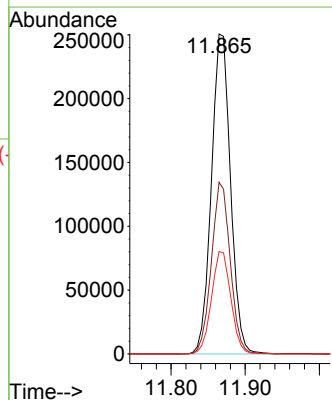
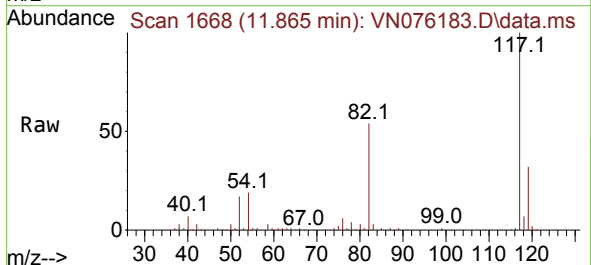
Instrument :
MSVOA_N
ClientSampleId :

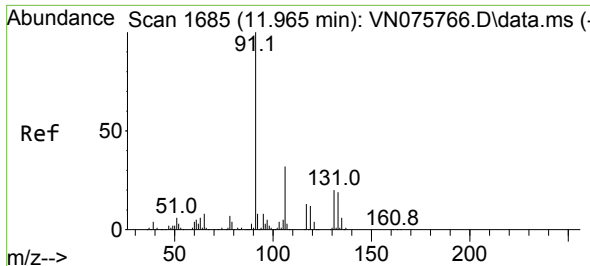
Tgt Ion: 95 Resp: 190029
Ion Ratio Lower Upper
95 100
174 86.0 0.0 171.6
176 83.2 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VN076183.D
Acq: 10 Jan 2023 15:37

Tgt Ion: 117 Resp: 448718
Ion Ratio Lower Upper
117 100
82 53.6 41.3 61.9
119 32.0 24.6 37.0

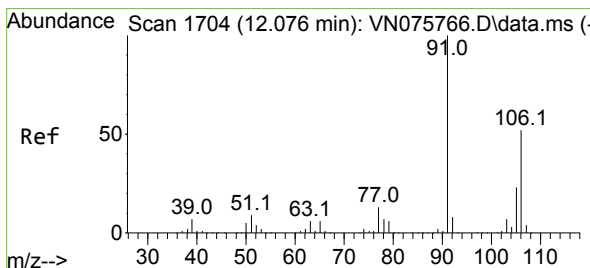
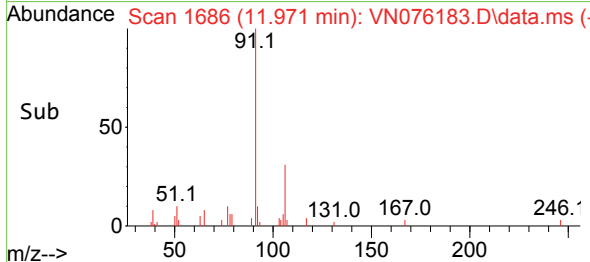
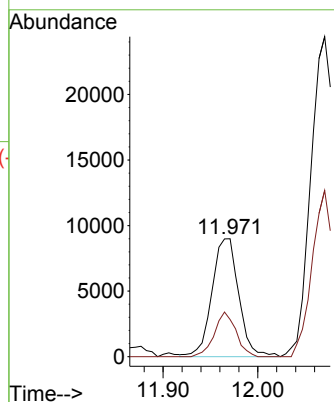
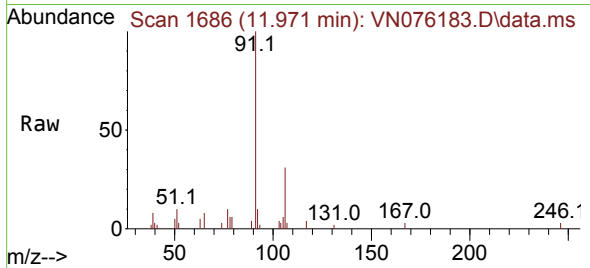




#67
Ethyl Benzene
Concen: 1.138 ug/l
RT: 11.971 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN076183.D
Acq: 10 Jan 2023 15:37

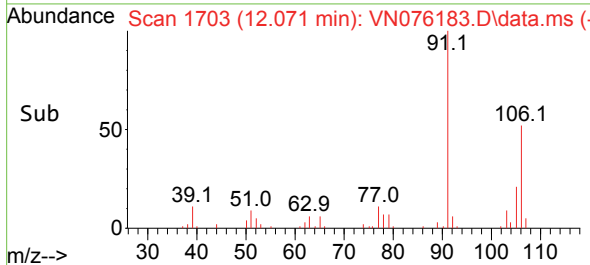
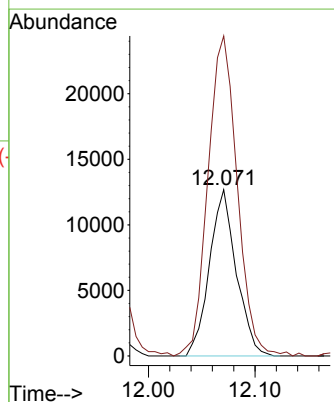
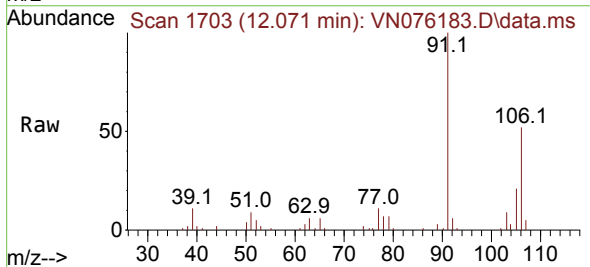
Instrument :
MSVOA_N
ClientSampleId :

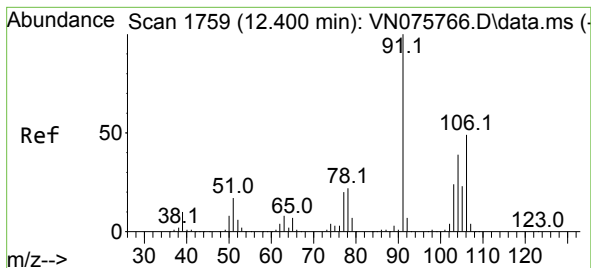
Tgt Ion: 91 Resp: 17684
Ion Ratio Lower Upper
91 100
106 31.5 25.7 38.5



#68
m/p-Xylenes
Concen: 3.609 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN076183.D
Acq: 10 Jan 2023 15:37

Tgt Ion:106 Resp: 22206
Ion Ratio Lower Upper
106 100
91 209.7 156.6 235.0





#69

o-Xylene

Concen: 0.704 ug/l

RT: 12.400 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN076183.D

Acq: 10 Jan 2023 15:37

Instrument :

MSVOA_N

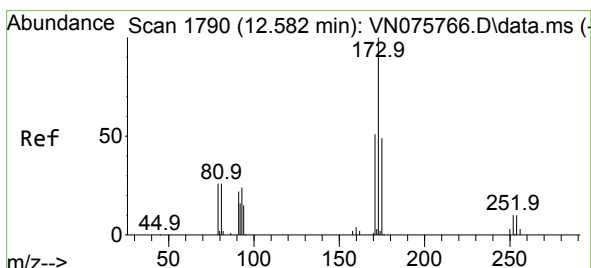
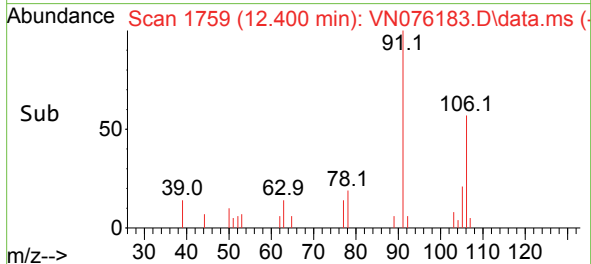
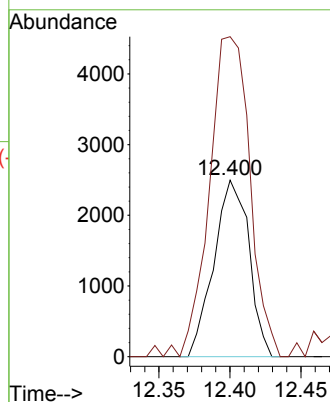
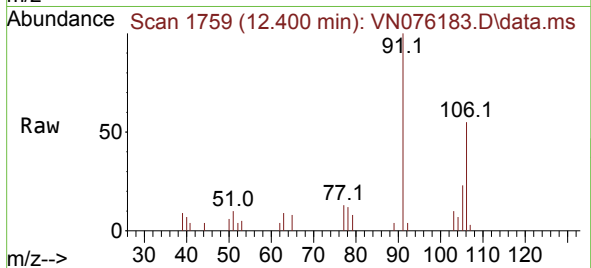
ClientSampleId :

Tgt Ion:106 Resp: 4289

Ion Ratio Lower Upper

106 100

91 209.2 103.8 311.6



#71

Bromoform

Concen: 0.622 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.271 min

Lab File: VN076183.D

Acq: 10 Jan 2023 15:37

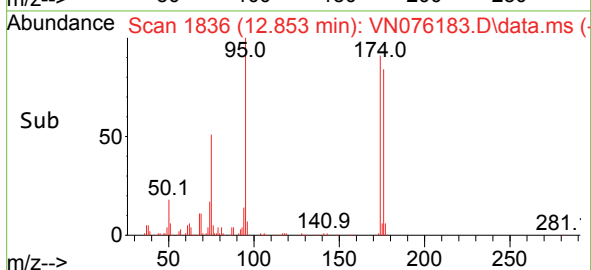
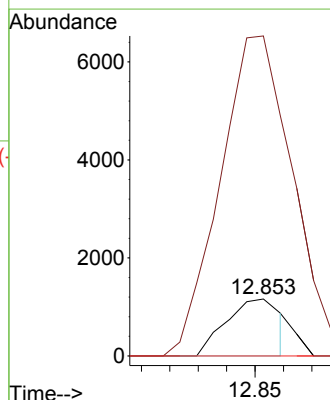
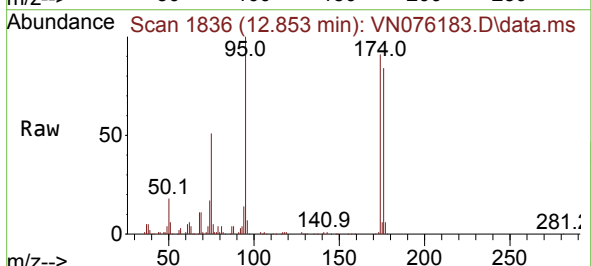
Tgt Ion:173 Resp: 1545

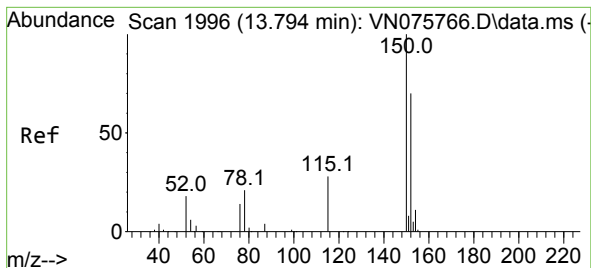
Ion Ratio Lower Upper

173 100

175 621.2 24.3 72.8#

254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. 0.000 min

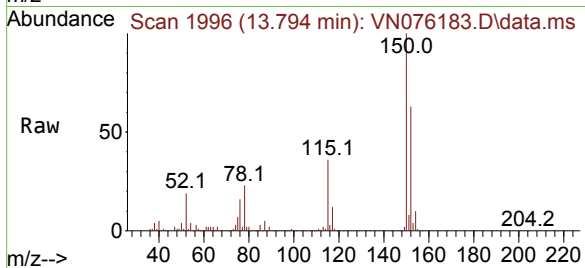
Lab File: VN076183.D

Acq: 10 Jan 2023 15:37

Instrument :

MSVOA_N

ClientSampleId :



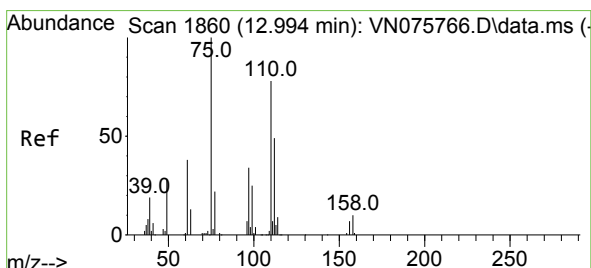
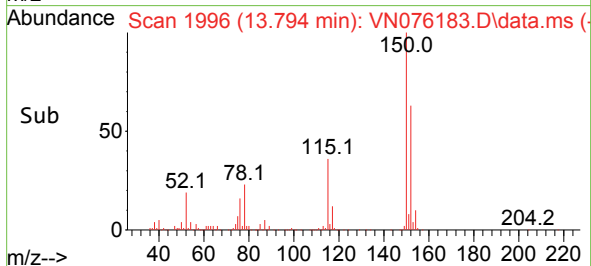
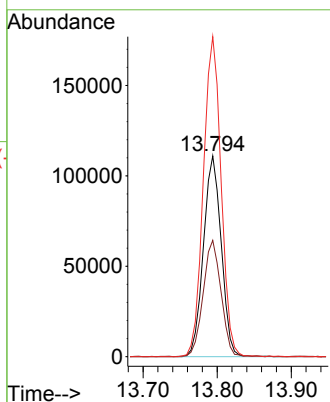
Tgt Ion:152 Resp: 184949

Ion Ratio Lower Upper

152 100

115 58.4 29.1 87.4

150 159.0 0.0 347.0



#76

1,2,3-Trichloropropane

Concen: 26.129 ug/l

RT: 12.847 min Scan# 1835

Delta R.T. -0.147 min

Lab File: VN076183.D

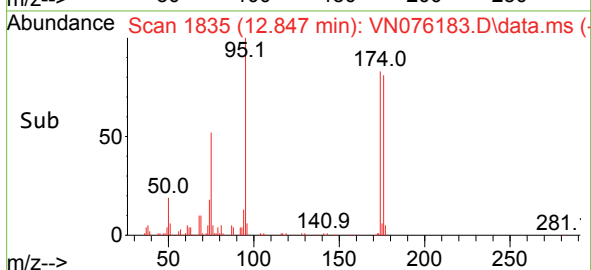
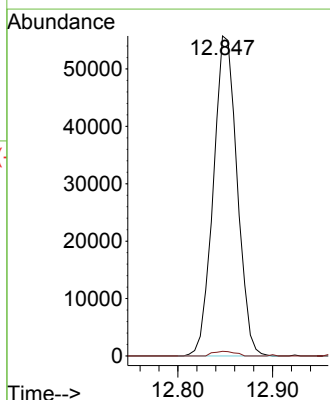
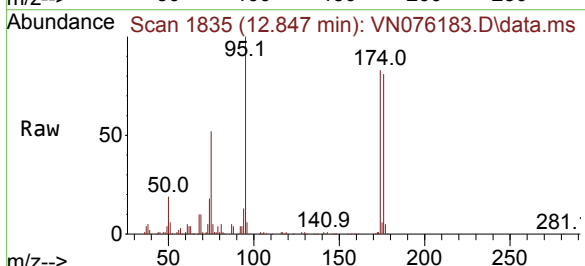
Acq: 10 Jan 2023 15:37

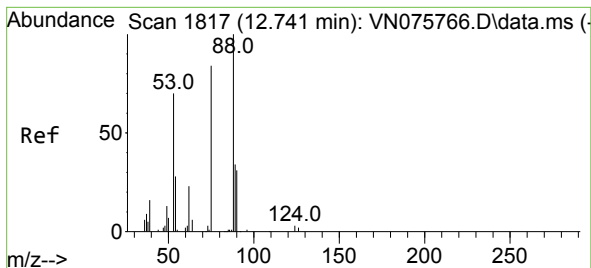
Tgt Ion: 75 Resp: 97411

Ion Ratio Lower Upper

75 100

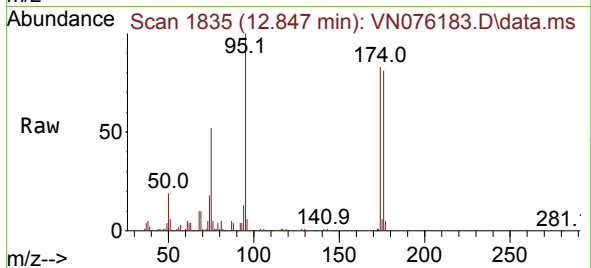
77 1.4 82.6 247.8#



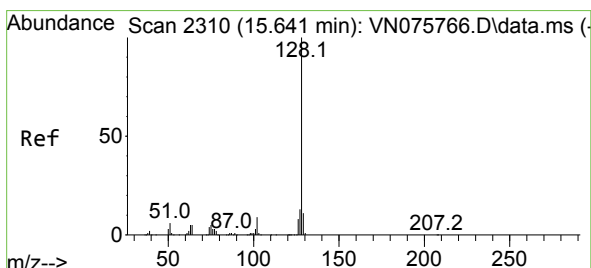
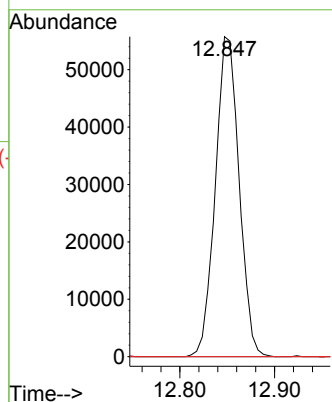
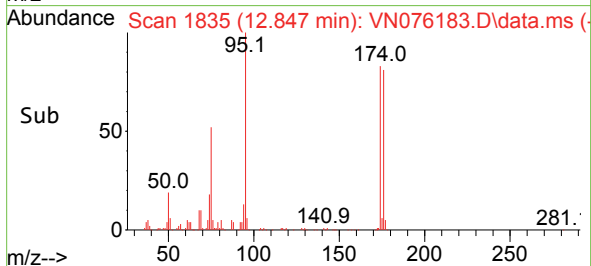


#81
trans-1,4-Dichloro-2-butene
Concen: 94.050 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.106 min
Lab File: VN076183.D
Acq: 10 Jan 2023 15:37

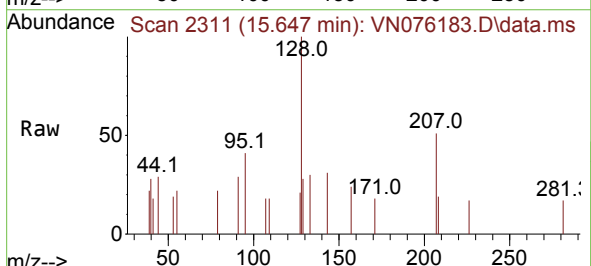
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 97411
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.0 39.5 59.3#



#95
Naphthalene
Concen: 2.366 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN076183.D
Acq: 10 Jan 2023 15:37



Tgt Ion: 128 Resp: 1986
Ion Ratio Lower Upper
128 100
127 16.9 10.4 15.6#
129 19.2 8.7 13.1#

