

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012023\
 Data File : VN076348.D
 Acq On : 20 Jan 2023 15:26
 Operator : JC\MD
 Sample : 01233-12RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB01RE

Quant Time: Jan 20 22:16:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

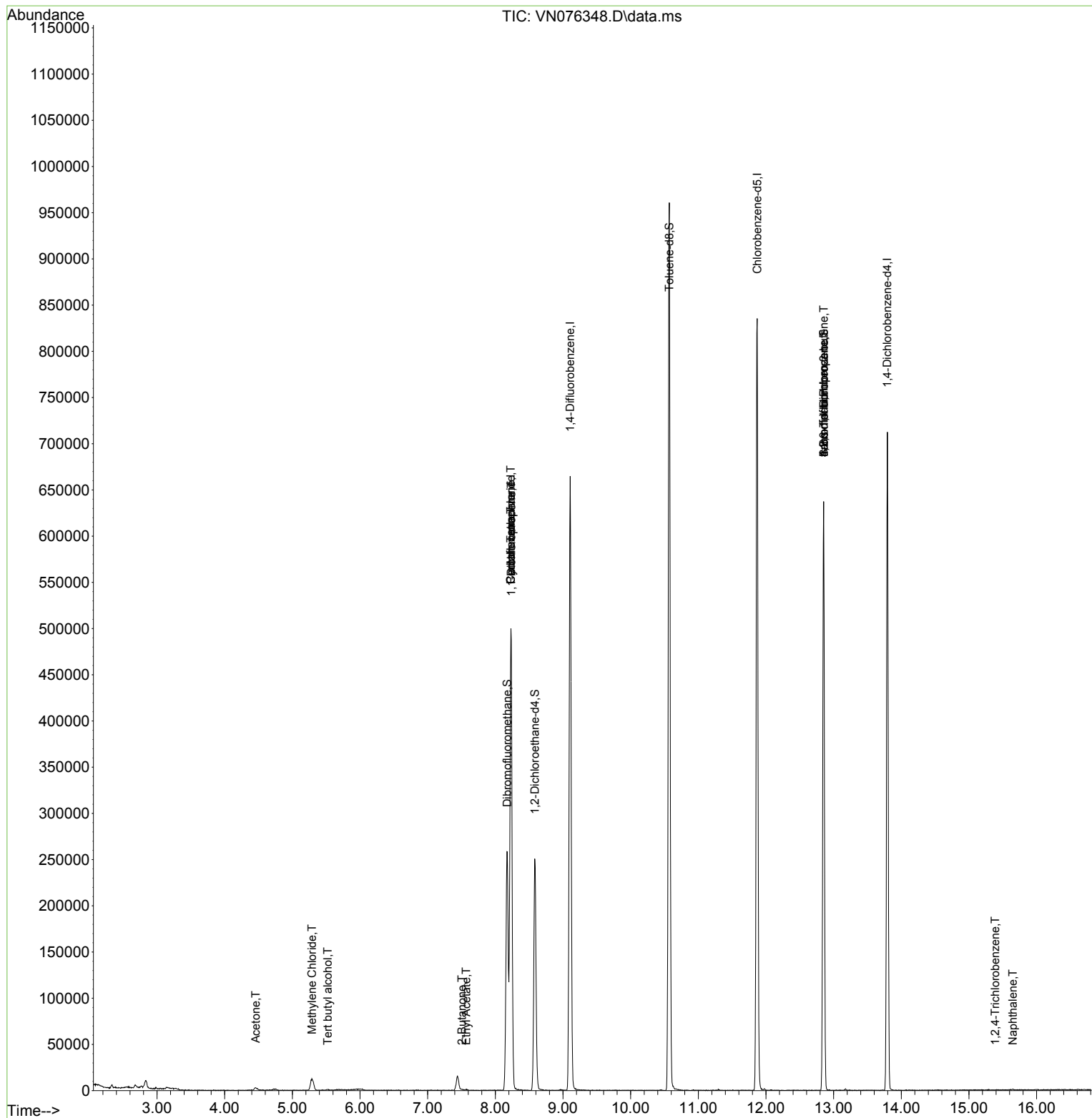
Internal Standards						
1) Pentafluorobenzene	8.230	168	382643	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	610377	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	521259	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	195741	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	206927	48.298	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.600%
35) Dibromofluoromethane	8.177	113	184326	48.276	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.560%
50) Toluene-d8	10.571	98	694768	49.271	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.540%
62) 4-Bromofluorobenzene	12.853	95	208192	45.227	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.460%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.524	59	734	1.281	ug/l #	72
16) Acetone	4.459	43	5325	3.805	ug/l	93
20) Methylene Chloride	5.289	84	11468	2.246	ug/l	98
25) 2-Butanone	7.506	43	1518	0.724	ug/l	99
31) Cyclohexane	8.230	56	7742	1.176	ug/l #	1
36) 1,1-Dichloropropene	8.236	75	27206	5.014	ug/l #	48
37) Ethyl Acetate	7.571	43	1631	0.411	ug/l #	72
38) Carbon Tetrachloride	8.230	117	37306	6.166	ug/l #	15
71) Bromoform	12.853	173	1821	0.615	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	110149	30.520	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	110149	93.628	ug/l #	11
93) 1,2,4-Trichlorobenzene	15.388	180	172	1.354	ug/l #	74
95) Naphthalene	15.647	128	1095	1.943	ug/l #	80

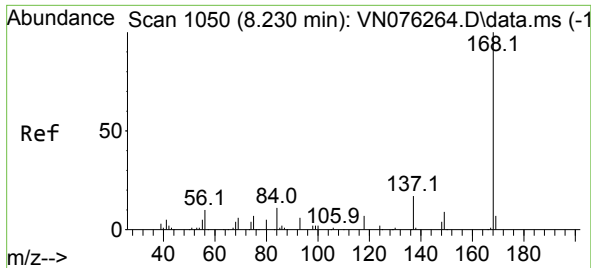
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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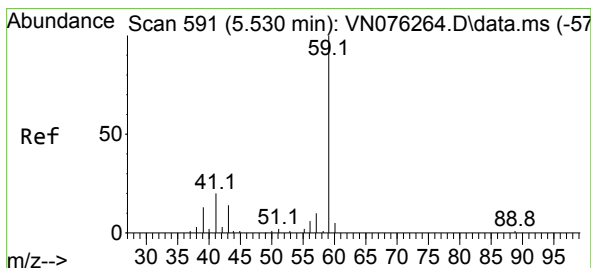
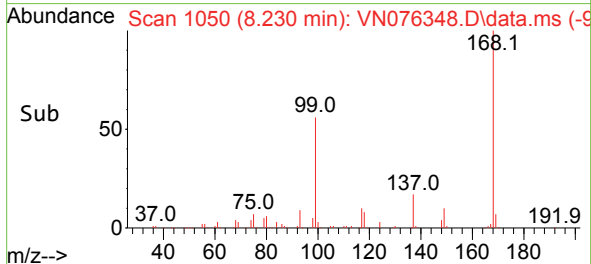
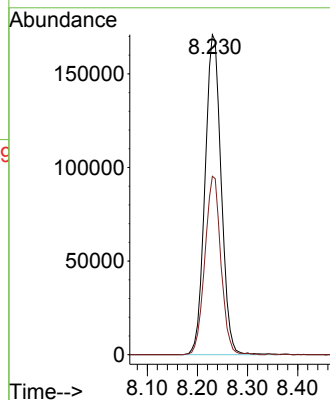
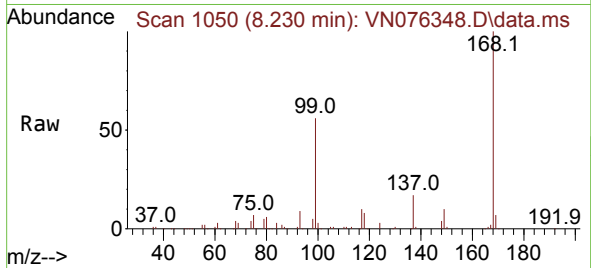




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076348.D
Acq: 20 Jan 2023 15:26

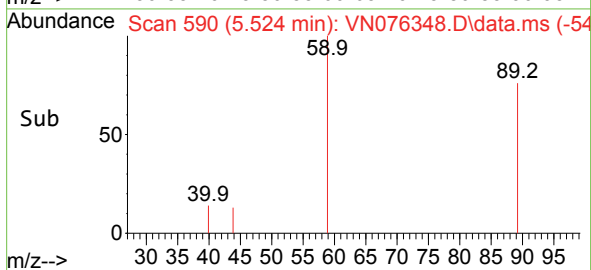
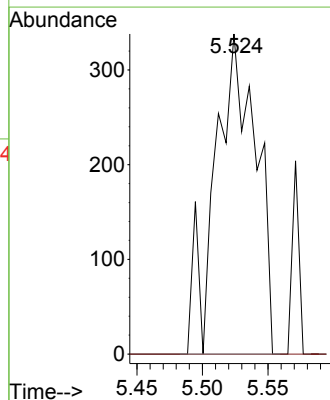
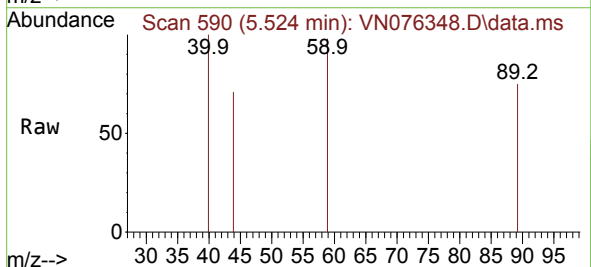
Instrument :
MSVOA_N
ClientSampleId :
FB01RE

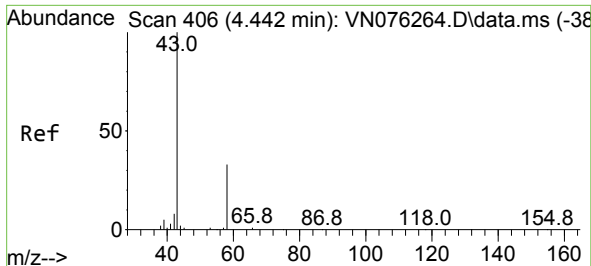
Tgt Ion:168 Resp: 382643
Ion Ratio Lower Upper
168 100
99 55.8 41.6 62.4



#11
Tert butyl alcohol
Concen: 1.281 ug/l
RT: 5.524 min Scan# 590
Delta R.T. -0.006 min
Lab File: VN076348.D
Acq: 20 Jan 2023 15:26

Tgt Ion: 59 Resp: 734
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

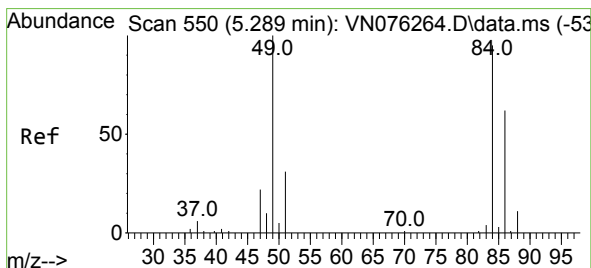
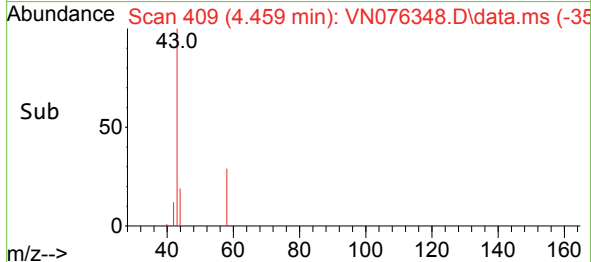
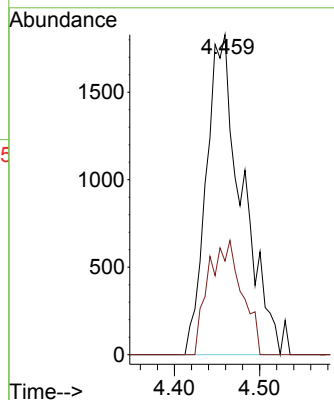
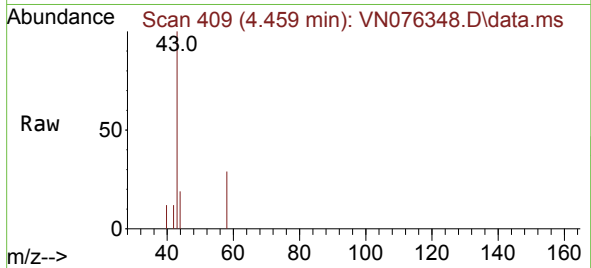




#16
Acetone
Concen: 3.805 ug/l
RT: 4.459 min Scan# 406
Delta R.T. 0.017 min
Lab File: VN076348.D
Acq: 20 Jan 2023 15:26

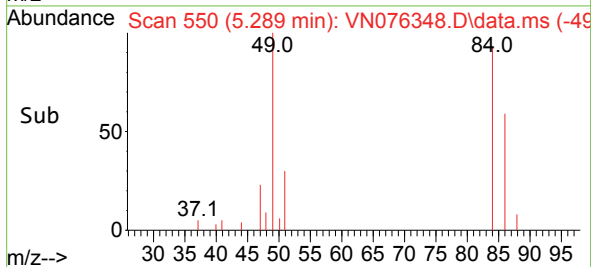
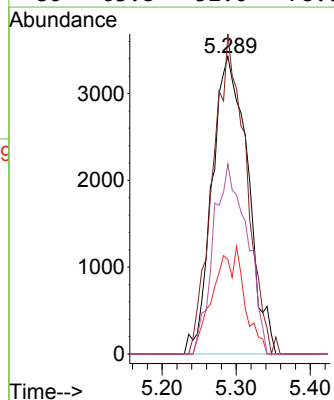
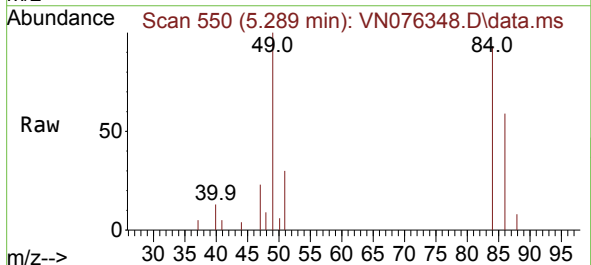
Instrument :
MSVOA_N
ClientSampleId :
FB01RE

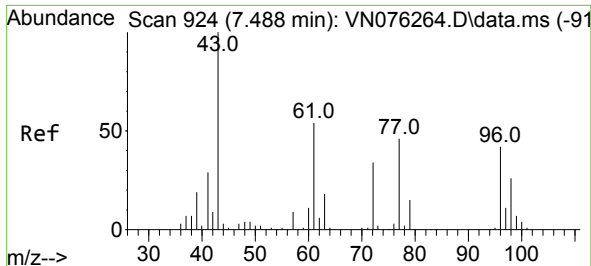
Tgt Ion: 43 Resp: 5325
Ion Ratio Lower Upper
43 100
58 29.3 26.7 40.1



#20
Methylene Chloride
Concen: 2.246 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN076348.D
Acq: 20 Jan 2023 15:26

Tgt Ion: 84 Resp: 11468
Ion Ratio Lower Upper
84 100
49 107.5 84.5 126.7
51 31.7 26.0 39.0
86 63.8 52.0 78.0

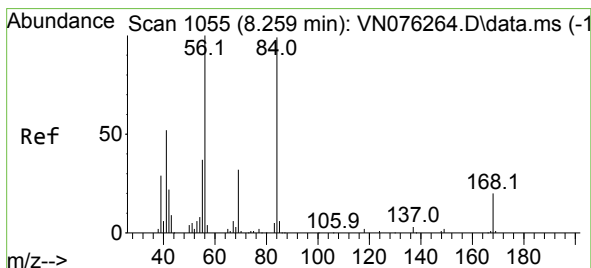
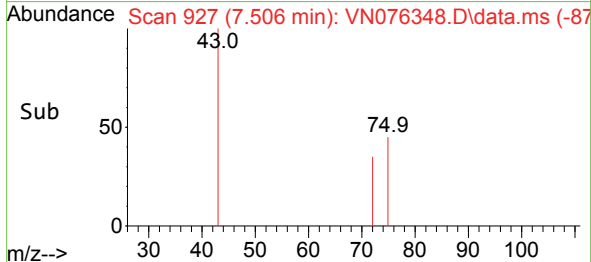
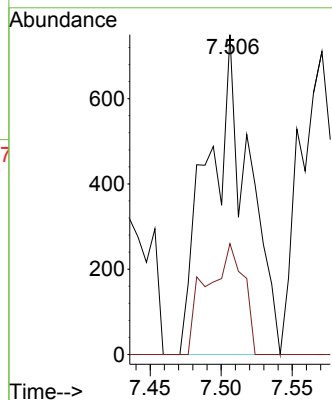
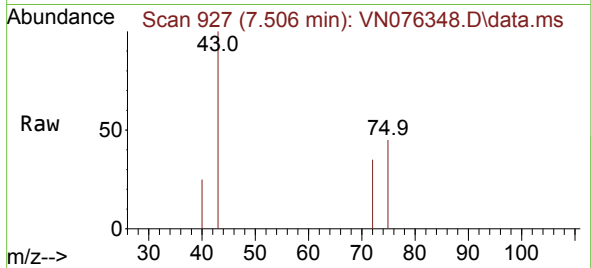




#25
2-Butanone
Concen: 0.724 ug/l
RT: 7.506 min Scan# 91
Delta R.T. 0.018 min
Lab File: VN076348.D
Acq: 20 Jan 2023 15:26

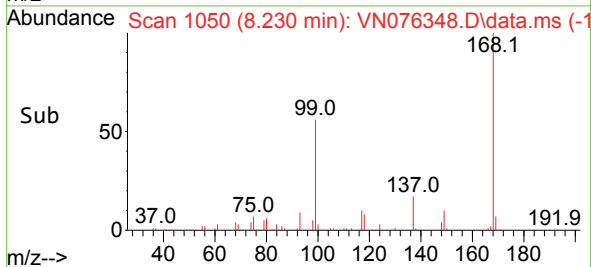
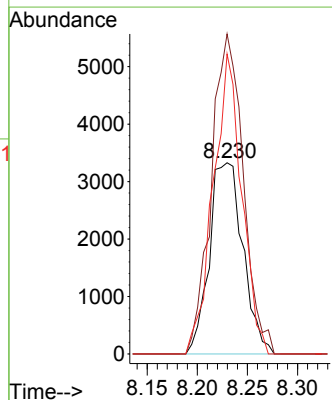
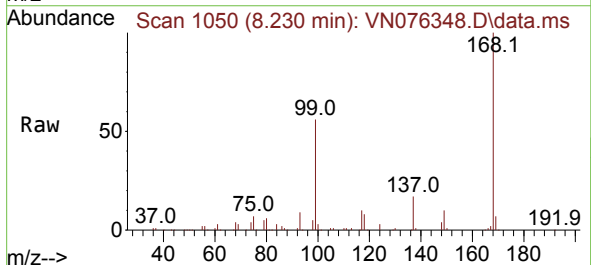
Instrument :
MSVOA_N
ClientSampleId :
FB01RE

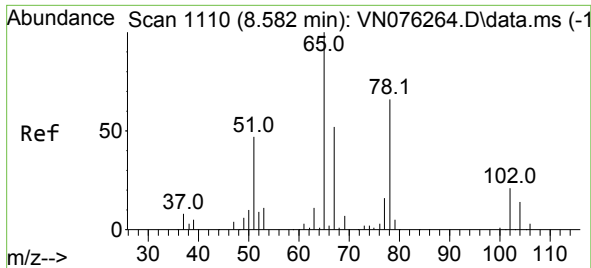
Tgt Ion: 43 Resp: 1518
Ion Ratio Lower Upper
43 100
72 34.7 27.4 41.2



#31
Cyclohexane
Concen: 1.176 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.029 min
Lab File: VN076348.D
Acq: 20 Jan 2023 15:26

Tgt Ion: 56 Resp: 7742
Ion Ratio Lower Upper
56 100
69 167.3 25.8 38.8#
84 156.9 79.0 118.4#





#33

1,2-Dichloroethane-d4

Concen: 48.298 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.001 min

Lab File: VN076348.D

Acq: 20 Jan 2023 15:26

Instrument :

MSVOA_N

ClientSampleId :

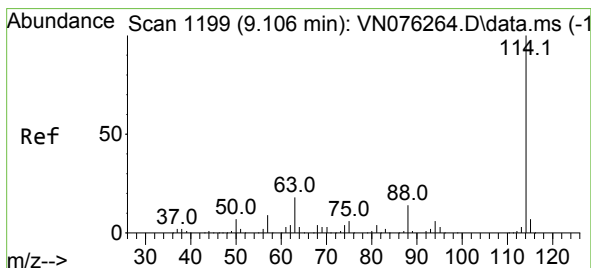
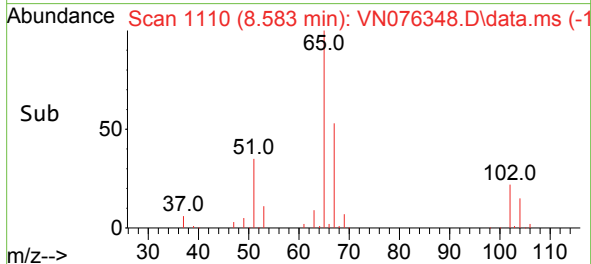
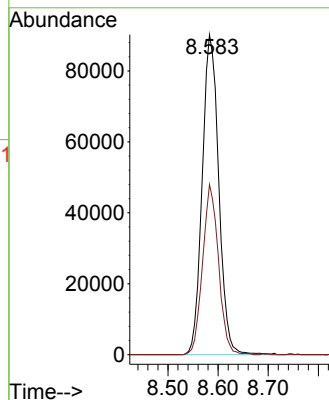
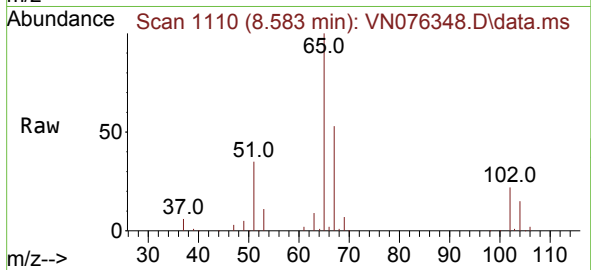
FB01RE

Tgt Ion: 65 Resp: 206927

Ion Ratio Lower Upper

65 100

67 51.1 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076348.D

Acq: 20 Jan 2023 15:26

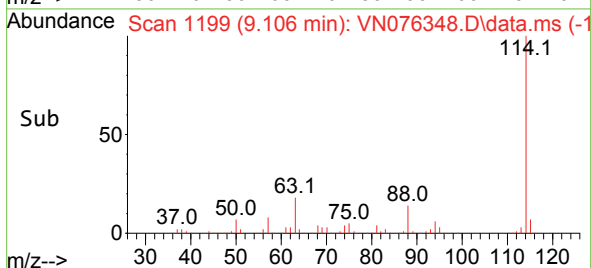
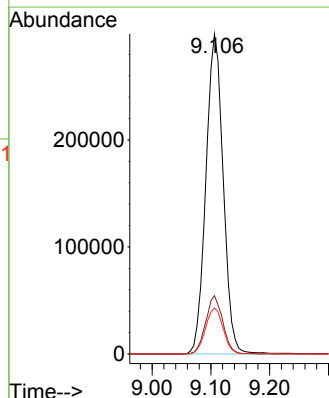
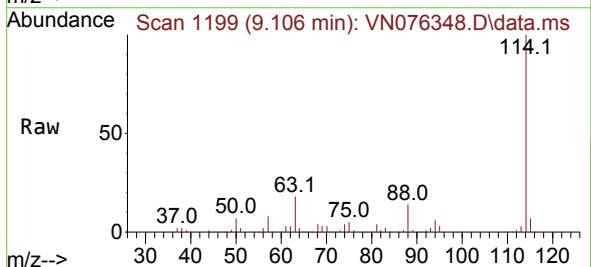
Tgt Ion: 114 Resp: 610377

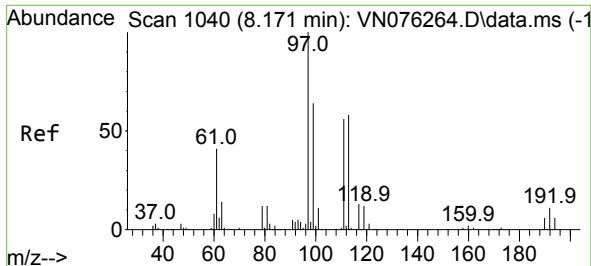
Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.8

88 14.4 0.0 28.0

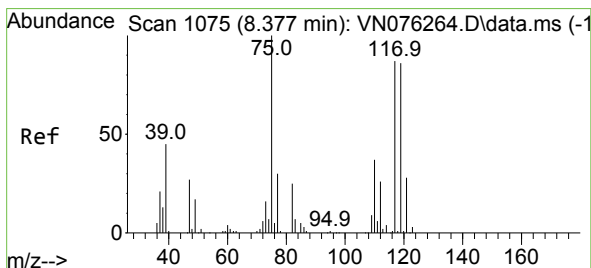
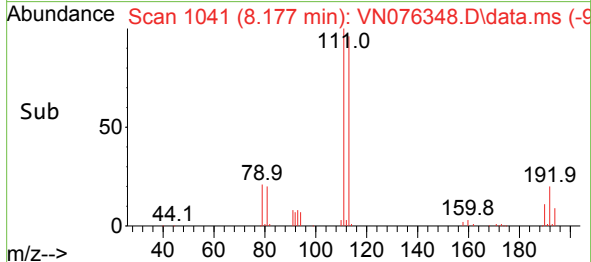
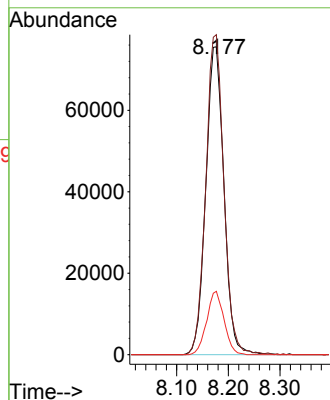
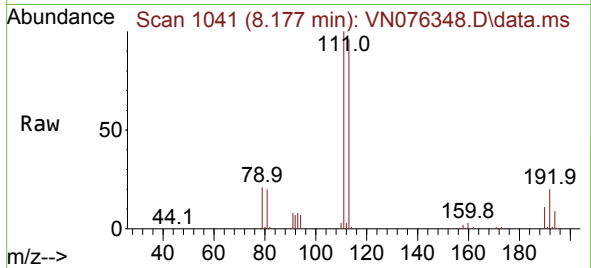




#35
Dibromofluoromethane
Concen: 48.276 ug/l
RT: 8.177 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VN076348.D
Acq: 20 Jan 2023 15:26

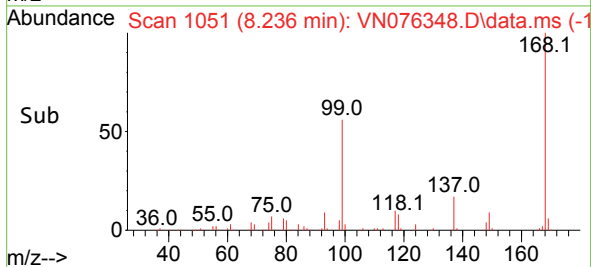
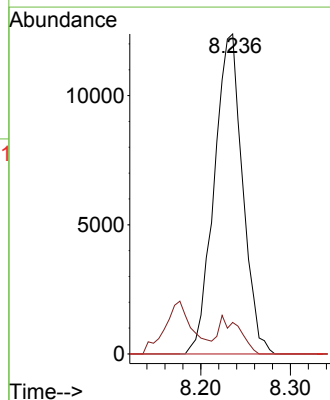
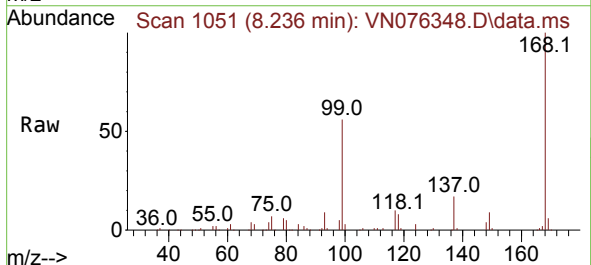
Instrument :
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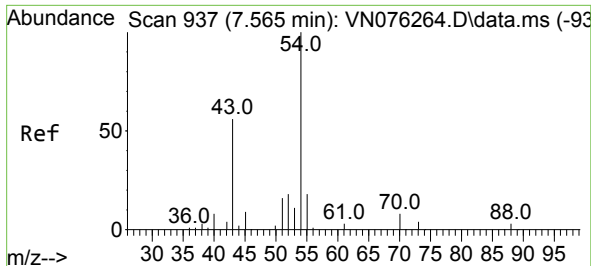
Tgt Ion:113 Resp: 184326
Ion Ratio Lower Upper
113 100
111 103.5 82.7 124.1
192 19.7 15.6 23.4



#36
1,1-Dichloropropene
Concen: 5.014 ug/l
RT: 8.236 min Scan# 1051
Delta R.T. -0.141 min
Lab File: VN076348.D
Acq: 20 Jan 2023 15:26

Tgt Ion: 75 Resp: 27206
Ion Ratio Lower Upper
75 100
110 8.8 18.8 56.3#
77 0.0 25.0 37.4#

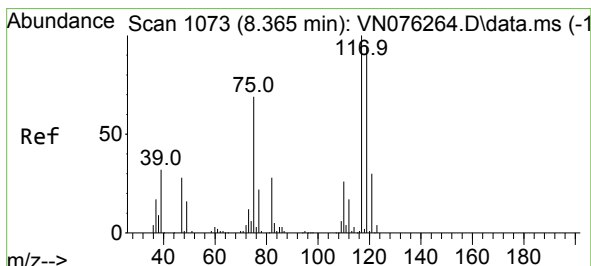
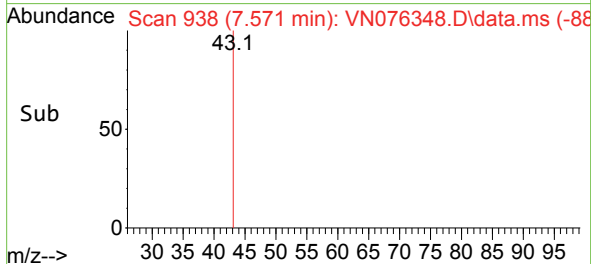
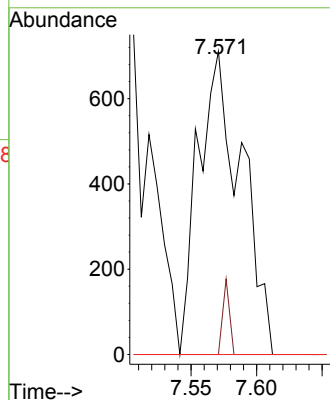
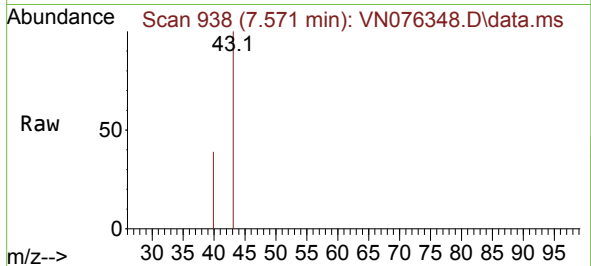




#37
Ethyl Acetate
Concen: 0.411 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076348.D
Acq: 20 Jan 2023 15:26

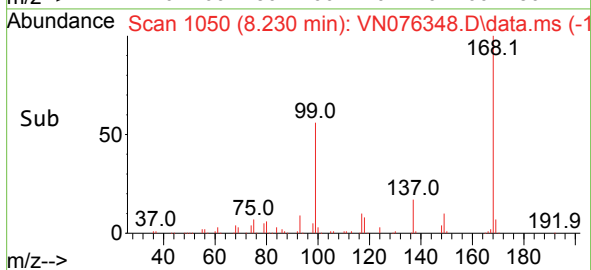
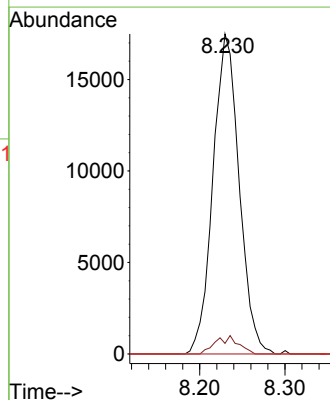
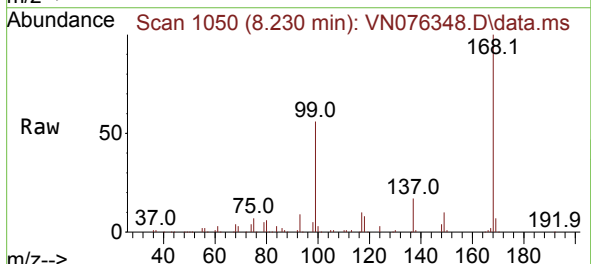
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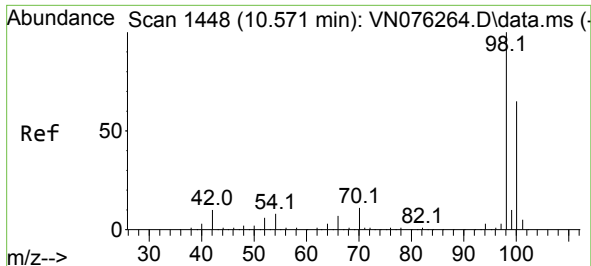
Tgt Ion: 43 Resp: 1631
Ion Ratio Lower Upper
43 100
61 3.8 11.1 16.7#
70 0.0 10.0 15.0#



#38
Carbon Tetrachloride
Concen: 6.166 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.135 min
Lab File: VN076348.D
Acq: 20 Jan 2023 15:26

Tgt Ion: 117 Resp: 37306
Ion Ratio Lower Upper
117 100
119 3.3 75.4 113.0#
121 0.0 24.2 36.2#

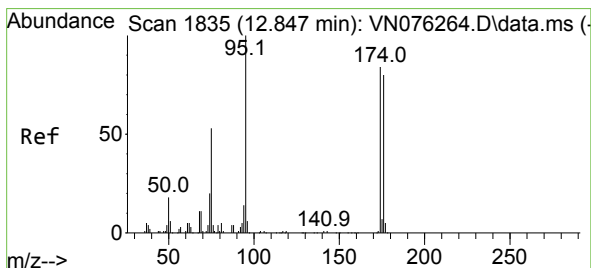
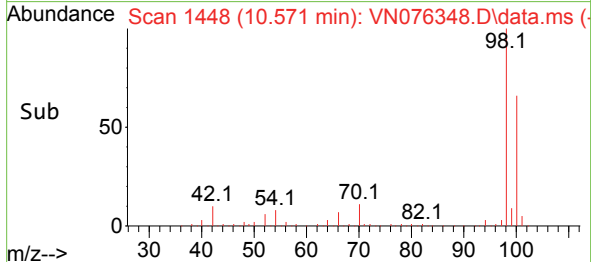
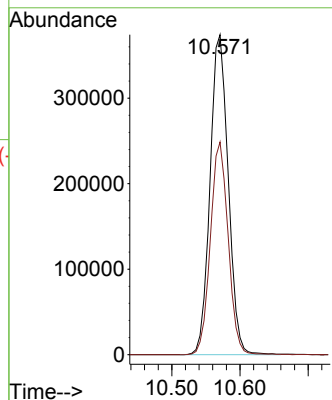
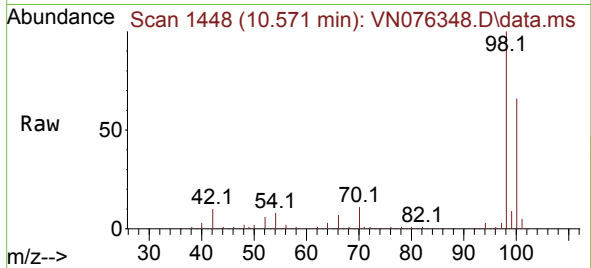




#50
Toluene-d8
Concen: 49.271 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076348.D
Acq: 20 Jan 2023 15:26

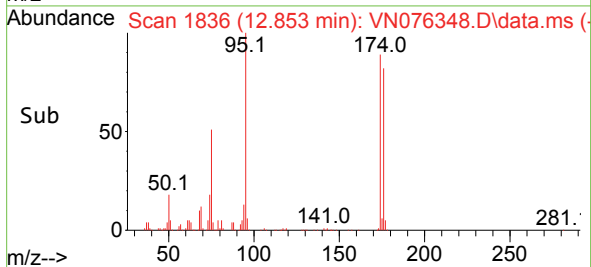
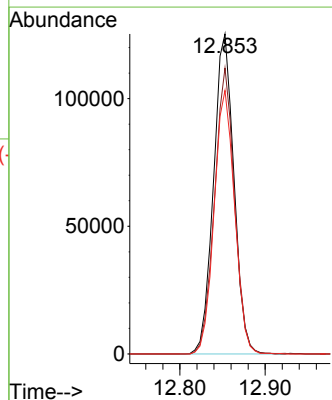
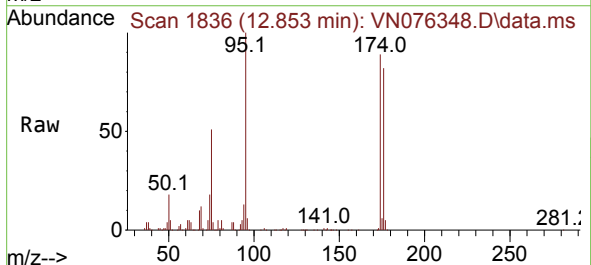
Instrument :
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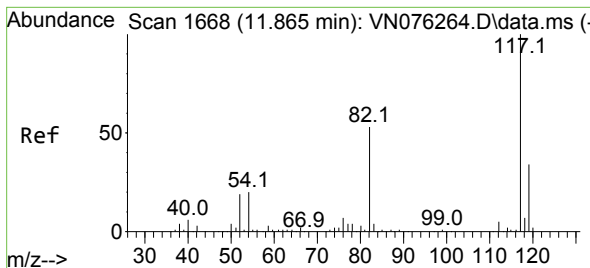
Tgt Ion: 98 Resp: 694768
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 45.227 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076348.D
Acq: 20 Jan 2023 15:26

Tgt Ion: 95 Resp: 208192
Ion Ratio Lower Upper
95 100
174 88.0 0.0 174.6
176 82.6 0.0 167.8

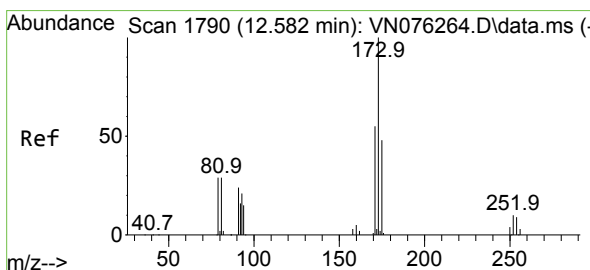
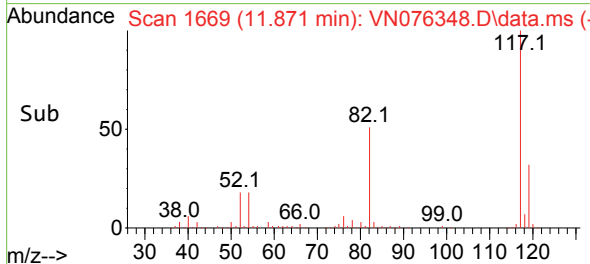
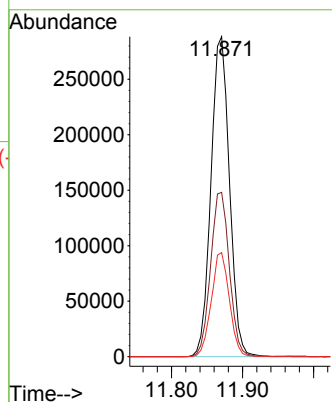
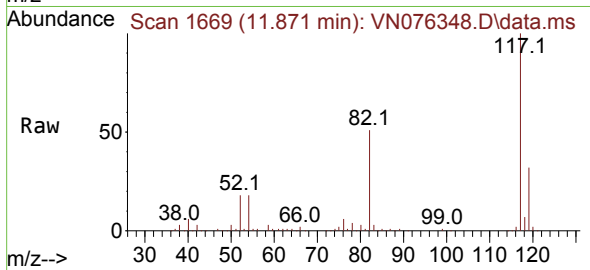




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076348.D
Acq: 20 Jan 2023 15:26

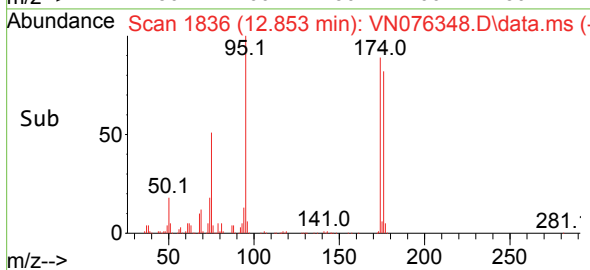
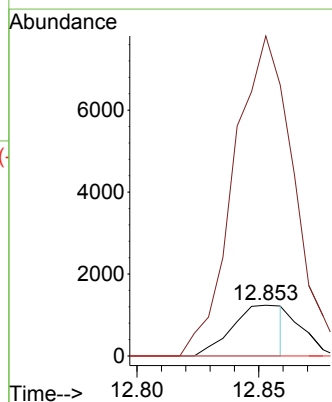
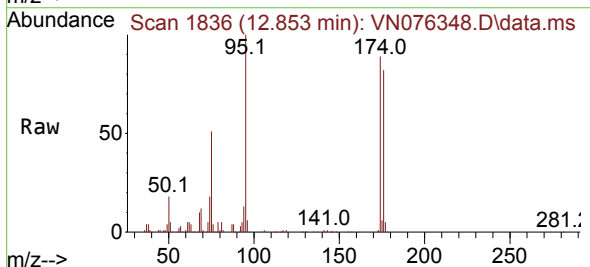
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FB01RE

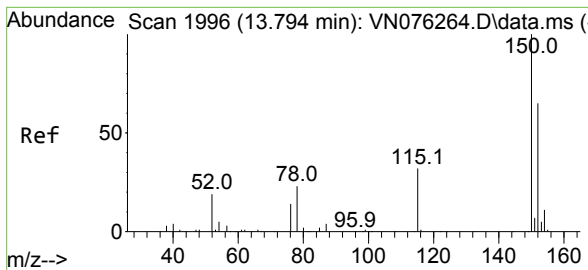
Tgt Ion:117 Resp: 521259
Ion Ratio Lower Upper
117 100
82 51.3 42.2 63.2
119 32.5 26.9 40.3



#71
Bromoform
Concen: 0.615 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.271 min
Lab File: VN076348.D
Acq: 20 Jan 2023 15:26

Tgt Ion:173 Resp: 1821
Ion Ratio Lower Upper
173 100
175 589.3 24.1 72.4#
254 0.0 0.0 0.0

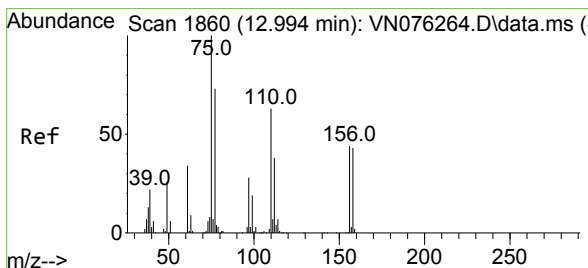
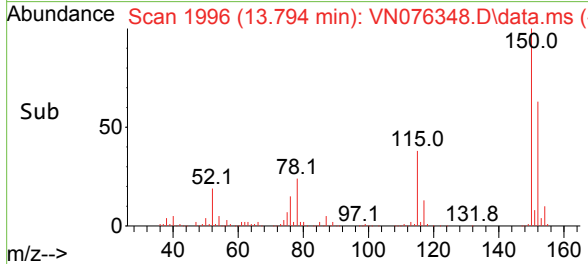
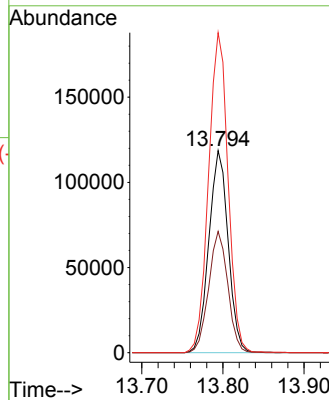
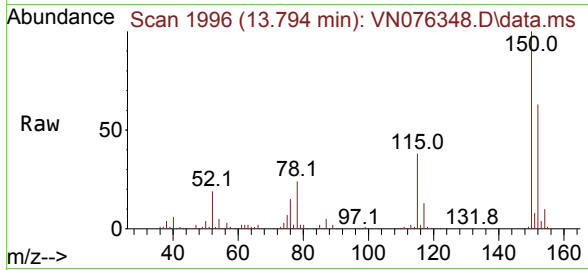




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. 0.000 min
 Lab File: VN076348.D
 Acq: 20 Jan 2023 15:26

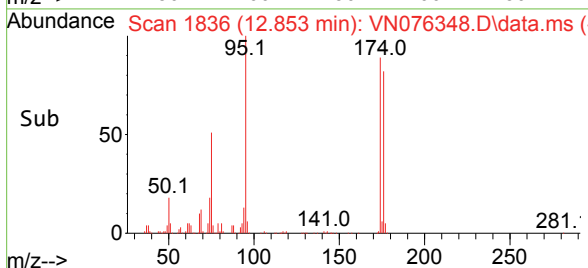
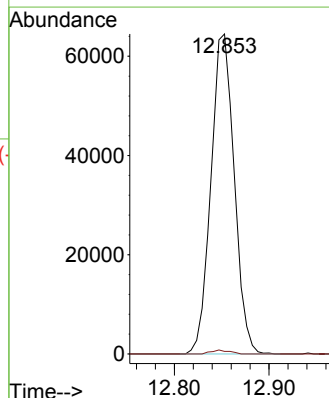
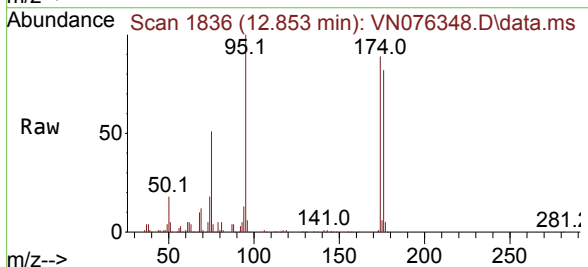
Instrument :
 MSVOA_N
 ClientSampleId :
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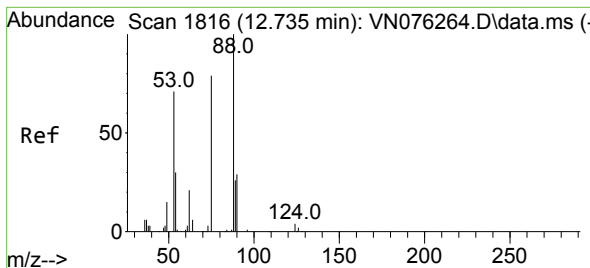
Tgt Ion:152 Resp: 195741
 Ion Ratio Lower Upper
 152 100
 115 59.5 29.6 88.9
 150 159.9 0.0 351.4



#76
 1,2,3-Trichloropropane
 Concen: 30.520 ug/l
 RT: 12.853 min Scan# 1836
 Delta R.T. -0.141 min
 Lab File: VN076348.D
 Acq: 20 Jan 2023 15:26

Tgt Ion: 75 Resp: 110149
 Ion Ratio Lower Upper
 75 100
 77 1.0 75.2 225.6#

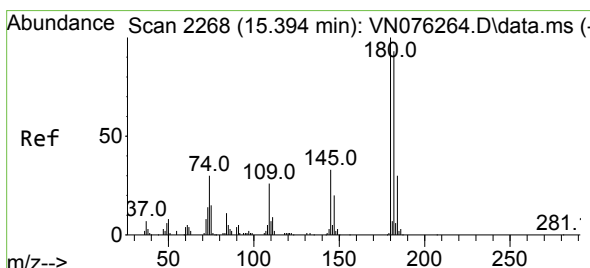
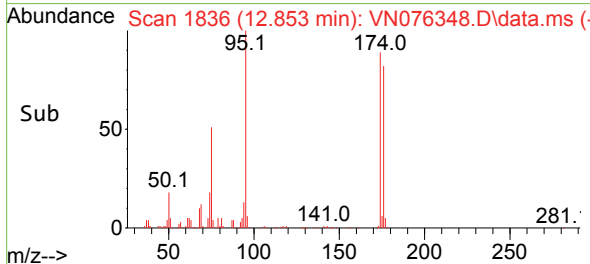
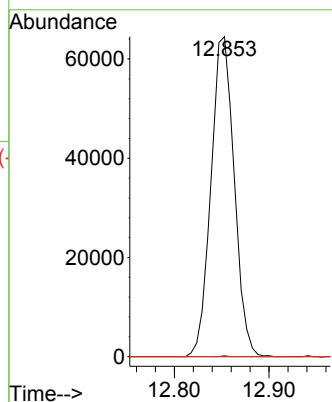
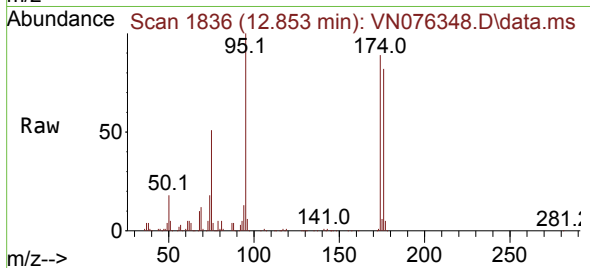




#81
trans-1,4-Dichloro-2-butene
Concen: 93.628 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.118 min
Lab File: VN076348.D
Acq: 20 Jan 2023 15:26

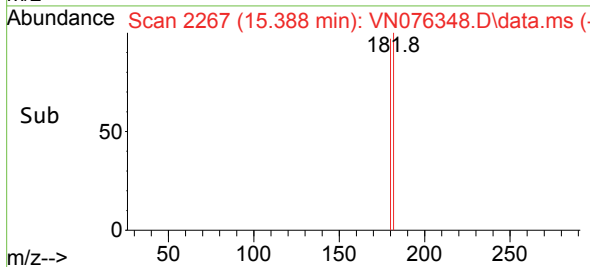
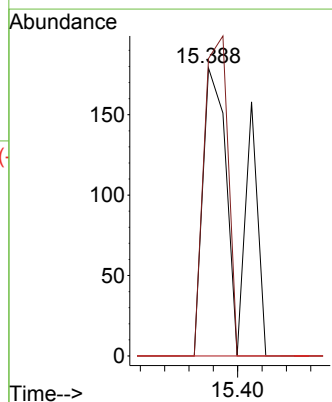
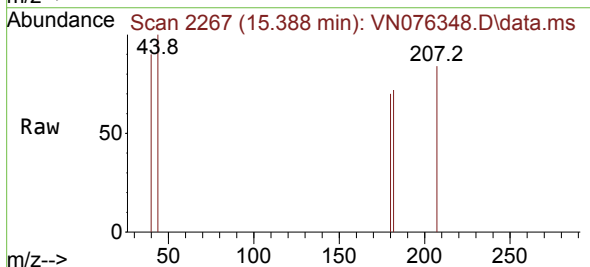
Instrument :
MSVOA_N
ClientSampleId :
FB01RE

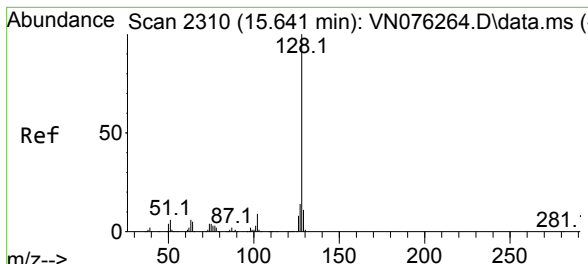
Tgt Ion: 75 Resp: 110149
Ion Ratio Lower Upper
75 100
53 0.0 75.8 113.8#
89 0.1 37.0 55.6#



#93
1,2,4-Trichlorobenzene
Concen: 1.354 ug/l
RT: 15.388 min Scan# 2267
Delta R.T. -0.006 min
Lab File: VN076348.D
Acq: 20 Jan 2023 15:26

Tgt Ion: 180 Resp: 172
Ion Ratio Lower Upper
180 100
182 78.5 47.0 141.2
145 0.0 15.2 45.5#





#95
 Naphthalene
 Concen: 1.943 ug/l
 RT: 15.647 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN076348.D
 Acq: 20 Jan 2023 15:26

Instrument :
 MSVOA_N
 ClientSampleId :
 FB01RE

Tgt Ion:	128	Resp:	1095
Ion	Ratio	Lower	Upper
128	100		
127	7.8	10.3	15.5#
129	0.0	8.6	13.0#

