

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110222\
 Data File : VN075132.D
 Acq On : 02 Nov 2022 21:16
 Operator : JC\MD
 Sample : N5395-22
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S-6-103122

Quant Time: Nov 03 04:24:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

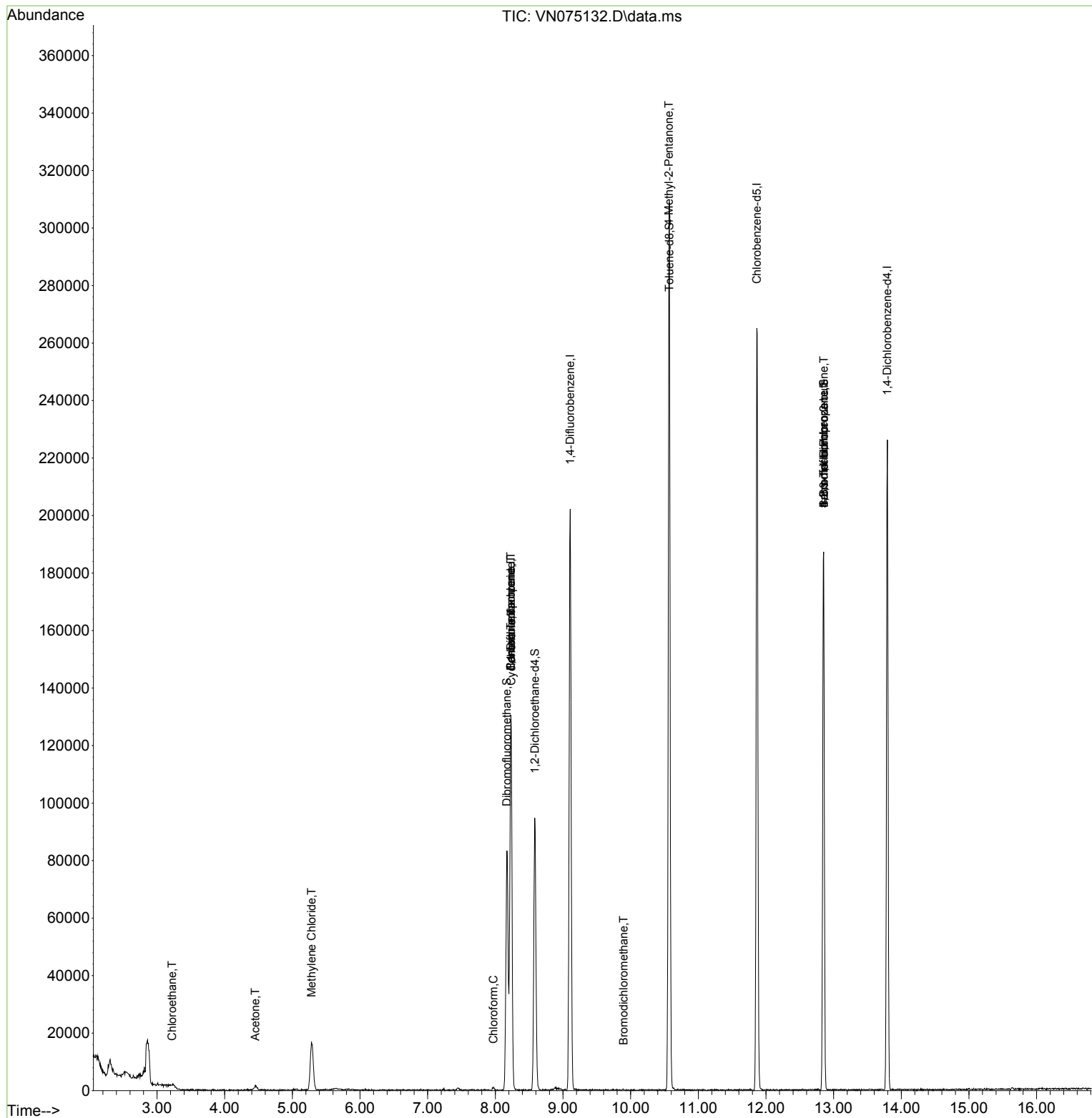
Internal Standards						
1) Pentafluorobenzene	8.230	168	91519	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	174379	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	149429	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	58473	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	77079	62.508	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 125.020%#			
35) Dibromofluoromethane	8.171	113	58198	56.851	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 113.700%			
50) Toluene-d8	10.571	98	211185	53.173	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.340%			
62) 4-Bromofluorobenzene	12.853	95	62076	44.494	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 88.980%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.901	94	62	Below Cal	#	5
6) Chloroethane	3.224	64	1153	0.891	ug/l #	45
16) Acetone	4.453	43	2822	5.405	ug/l #	75
20) Methylene Chloride	5.283	84	14202	12.199	ug/l	87
30) Chloroform	7.971	83	951	0.443	ug/l	84
31) Cyclohexane	8.236	56	2323	1.267	ug/l #	55
36) 1,1-Dichloropropene	8.230	75	8247	5.204	ug/l #	48
38) Carbon Tetrachloride	8.230	117	10762	6.173	ug/l #	15
47) Bromodichloromethane	9.894	83	356	0.204	ug/l #	24
51) 4-Methyl-2-Pentanone	10.565	43	871	0.501	ug/l #	1
71) Bromoform	12.853	173	596	0.673	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	36654	29.523	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	36654	75.785	ug/l #	10

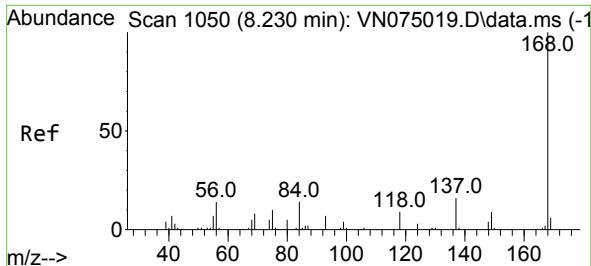
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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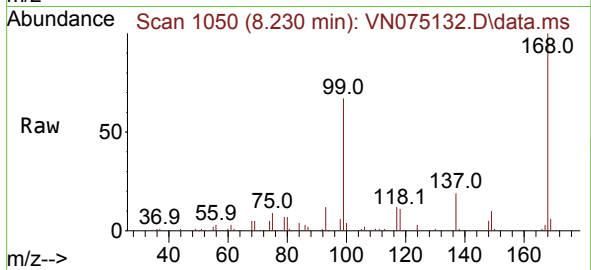
Quant Time: Nov 03 04:24:31 2022
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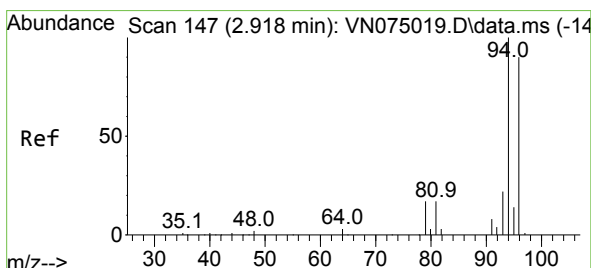
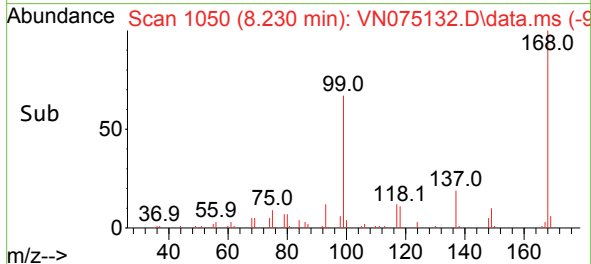
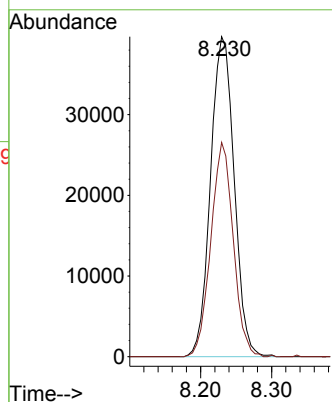


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN075132.D
Acq: 02 Nov 2022 21:16

Instrument :
MSVOA_N
ClientSampleId :
S-6-103122

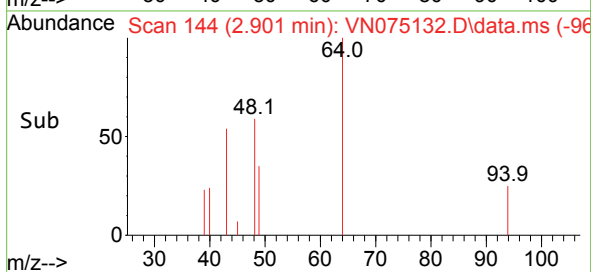
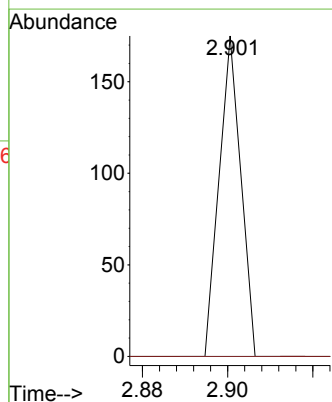
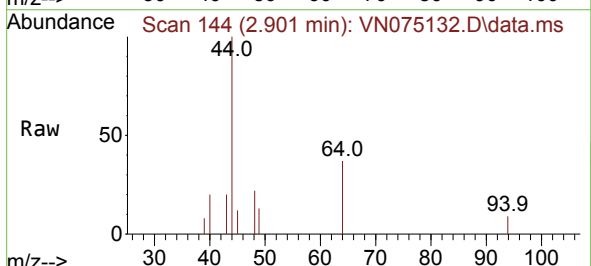


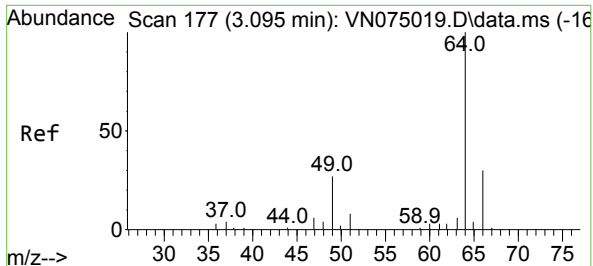
Tgt Ion:168 Resp: 91519
Ion Ratio Lower Upper
168 100
99 66.9 51.6 77.4



#5
Bromomethane
Concen: Below Cal
RT: 2.901 min Scan# 144
Delta R.T. -0.017 min
Lab File: VN075132.D
Acq: 02 Nov 2022 21:16

Tgt Ion: 94 Resp: 62
Ion Ratio Lower Upper
94 100
96 0.0 71.8 107.6#





#6

Chloroethane

Concen: 0.891 ug/l

RT: 3.224 min Scan# 11

Delta R.T. 0.129 min

Lab File: VN075132.D

Acq: 02 Nov 2022 21:16

Instrument :

MSVOA_N

ClientSampleId :

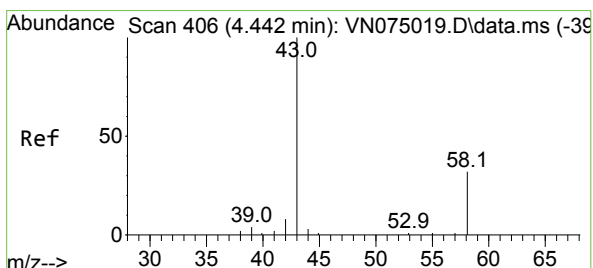
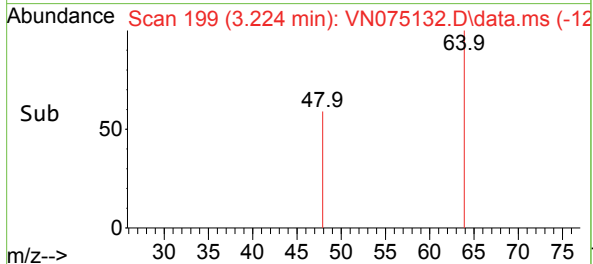
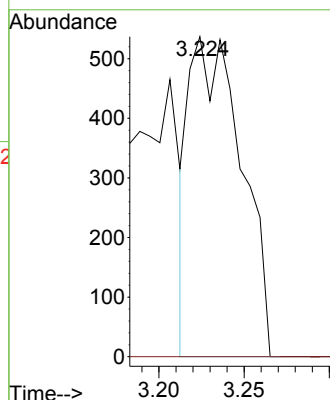
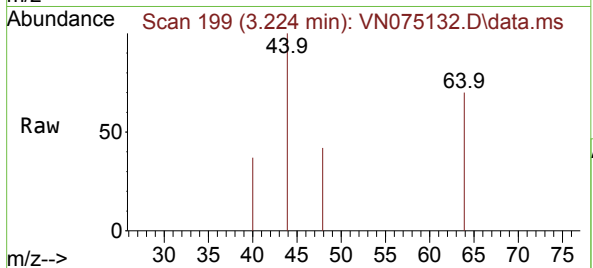
S-6-103122

Tgt Ion: 64 Resp: 1153

Ion Ratio Lower Upper

64 100

66 0.0 23.8 35.8#



#16

Acetone

Concen: 5.405 ug/l

RT: 4.453 min Scan# 408

Delta R.T. 0.011 min

Lab File: VN075132.D

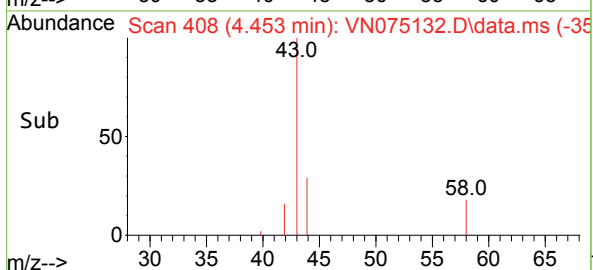
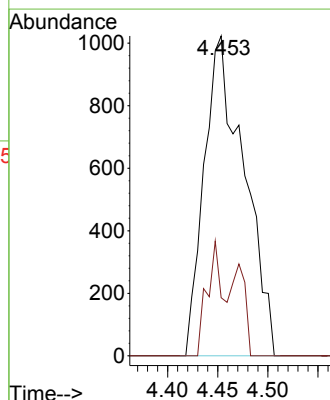
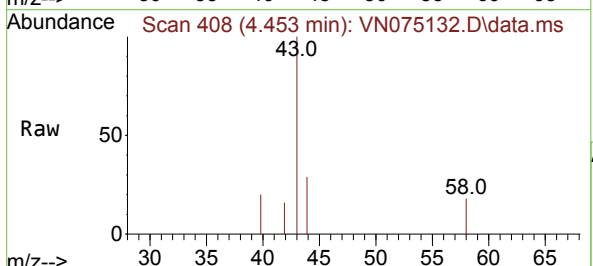
Acq: 02 Nov 2022 21:16

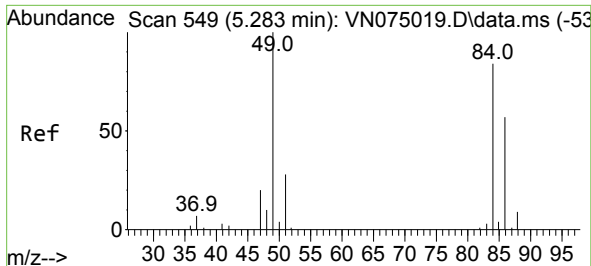
Tgt Ion: 43 Resp: 2822

Ion Ratio Lower Upper

43 100

58 18.2 25.5 38.3#

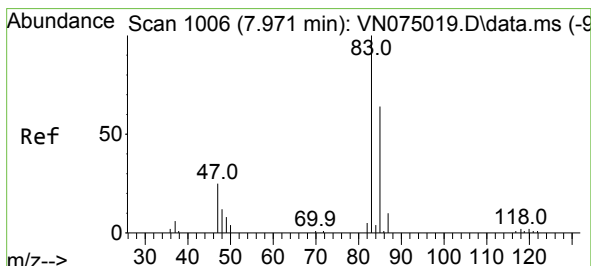
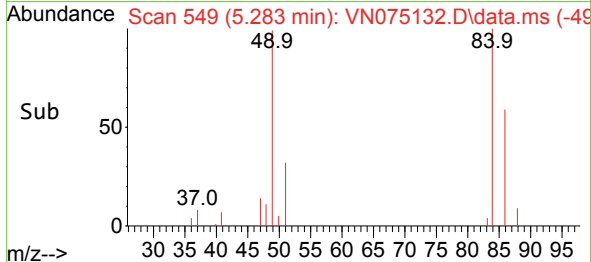
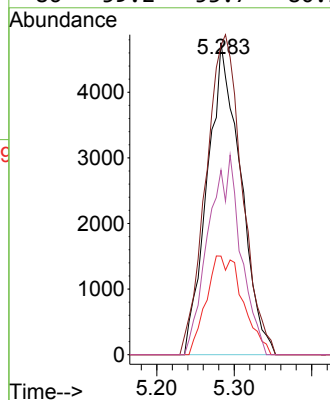
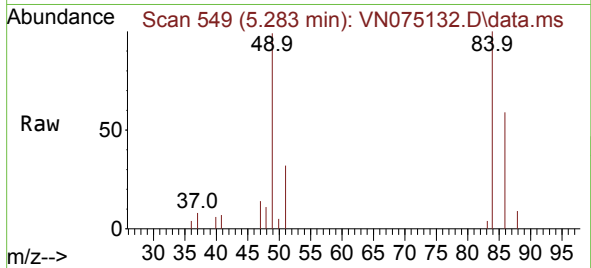




#20
Methylene Chloride
Concen: 12.199 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.000 min
Lab File: VN075132.D
Acq: 02 Nov 2022 21:16

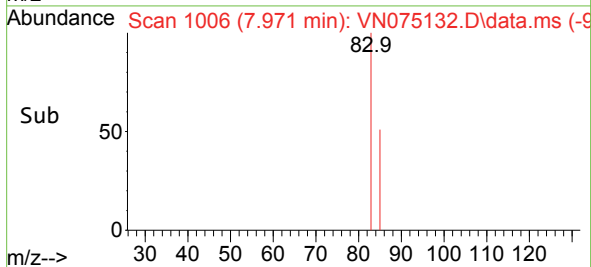
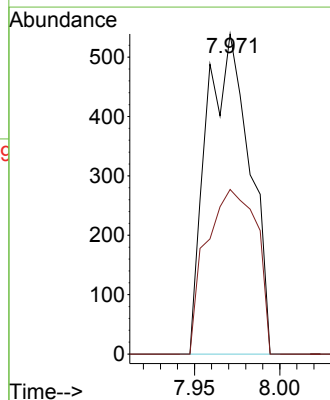
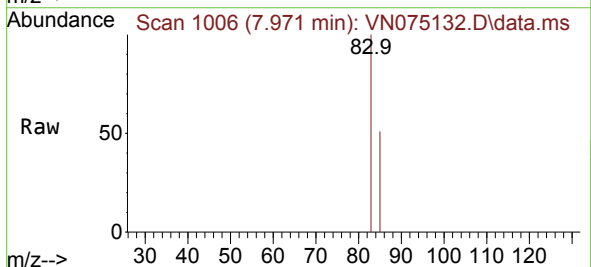
Instrument :
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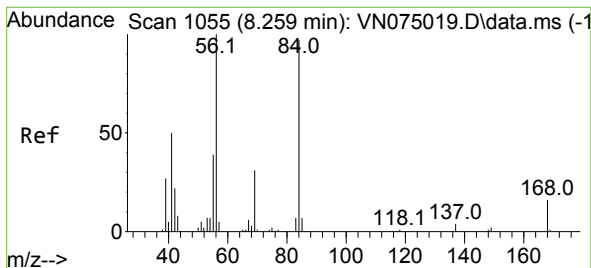
Tgt Ion:	84	Resp:	14202
Ion	Ratio	Lower	Upper
84	100		
49	99.1	94.9	142.3
51	31.6	26.8	40.2
86	59.2	53.7	80.5



#30
Chloroform
Concen: 0.443 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN075132.D
Acq: 02 Nov 2022 21:16

Tgt Ion:	83	Resp:	951
Ion	Ratio	Lower	Upper
83	100		
85	51.4	51.4	77.0





#31

Cyclohexane

Concen: 1.267 ug/l

RT: 8.236 min Scan# 1105

Delta R.T. -0.024 min

Lab File: VN075132.D

Acq: 02 Nov 2022 21:16

Instrument :

MSVOA_N

ClientSampleId :

S-6-103122

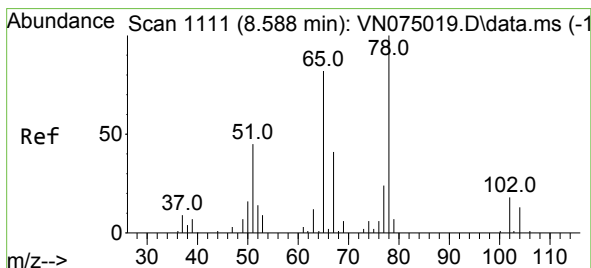
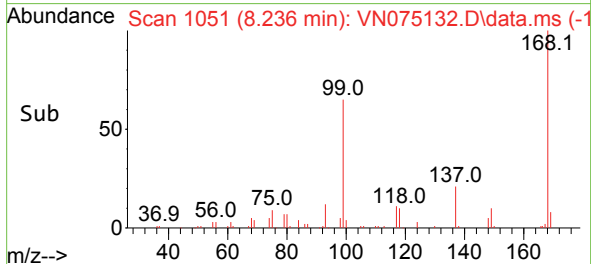
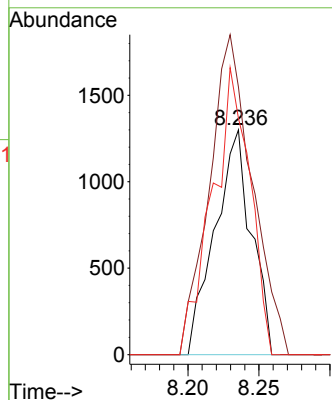
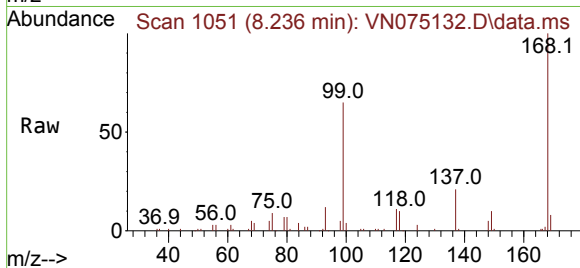
Tgt Ion: 56 Resp: 2323

Ion Ratio Lower Upper

56 100

69 119.1 25.2 37.8#

84 105.2 77.8 116.8



#33

1,2-Dichloroethane-d4

Concen: 62.508 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. -0.005 min

Lab File: VN075132.D

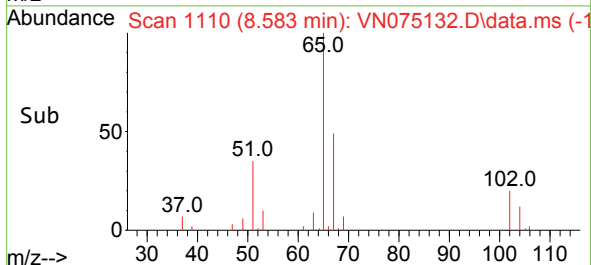
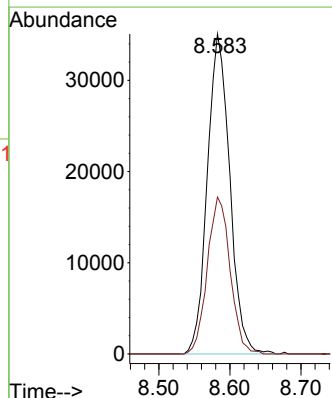
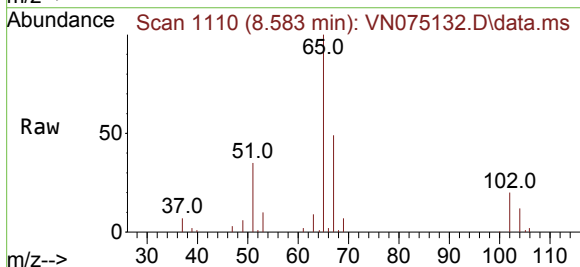
Acq: 02 Nov 2022 21:16

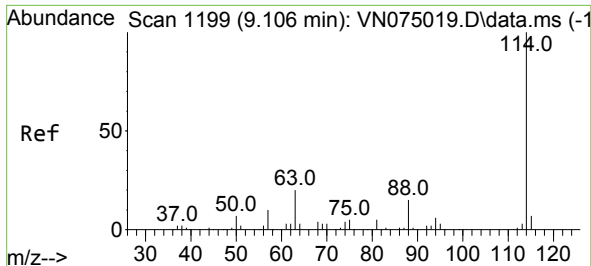
Tgt Ion: 65 Resp: 77079

Ion Ratio Lower Upper

65 100

67 49.8 0.0 102.0

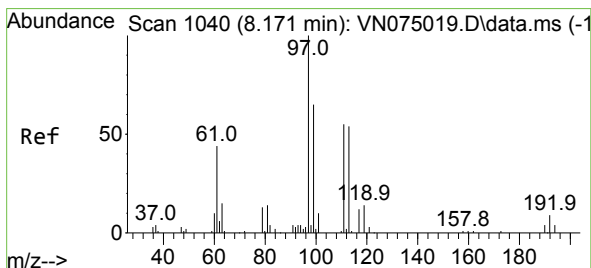
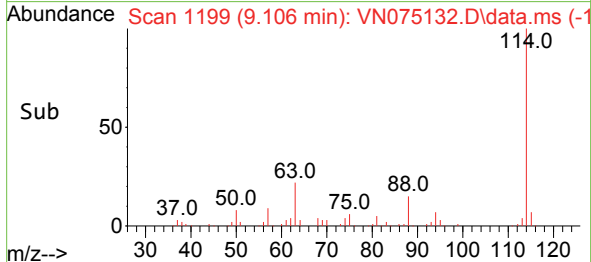
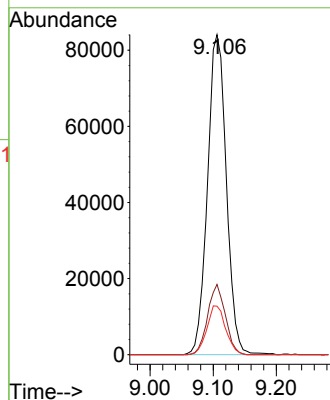
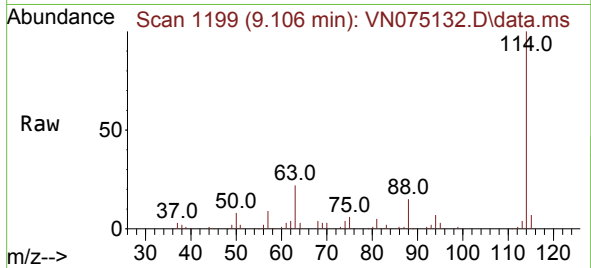




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN075132.D
Acq: 02 Nov 2022 21:16

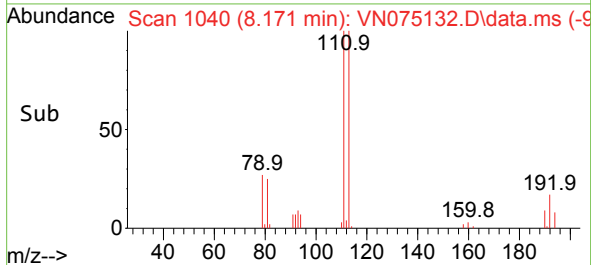
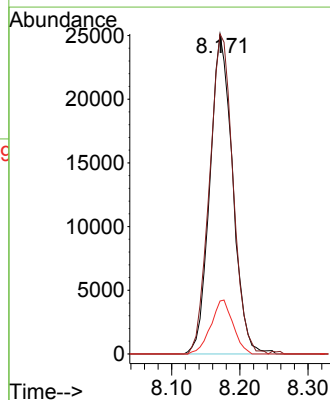
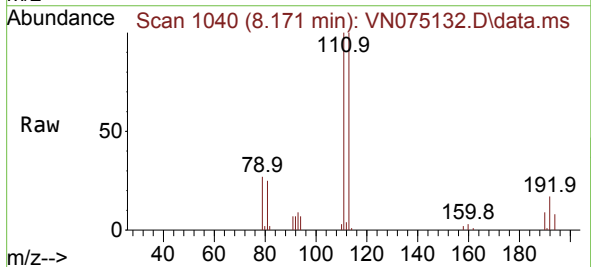
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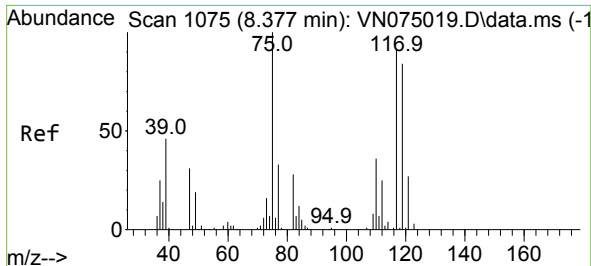
Tgt Ion:114 Resp: 174379
Ion Ratio Lower Upper
114 100
63 22.0 0.0 39.6
88 15.2 0.0 29.0



#35
Dibromofluoromethane
Concen: 56.851 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075132.D
Acq: 02 Nov 2022 21:16

Tgt Ion:113 Resp: 58198
Ion Ratio Lower Upper
113 100
111 103.2 80.5 120.7
192 16.5 13.2 19.8





#36

1,1-Dichloropropene

Concen: 5.204 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.147 min

Lab File: VN075132.D

Acq: 02 Nov 2022 21:16

Instrument :

MSVOA_N

ClientSampleId :

S-6-103122

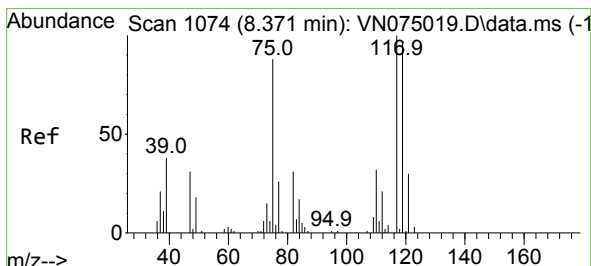
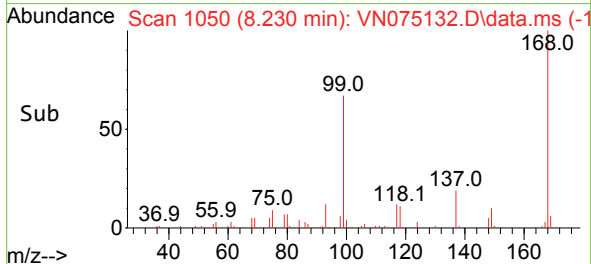
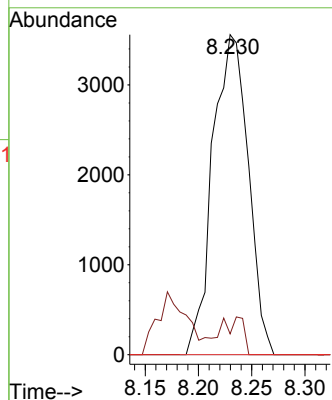
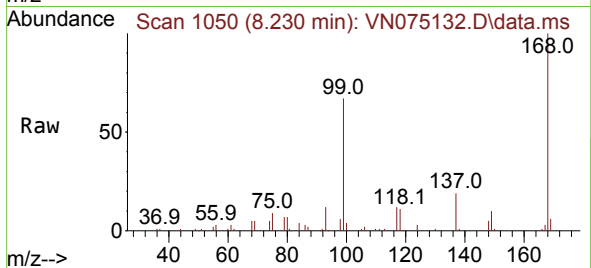
Tgt Ion: 75 Resp: 8247

Ion Ratio Lower Upper

75 100

110 7.1 17.8 53.3#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 6.173 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.141 min

Lab File: VN075132.D

Acq: 02 Nov 2022 21:16

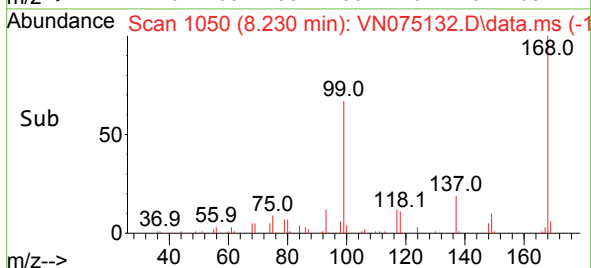
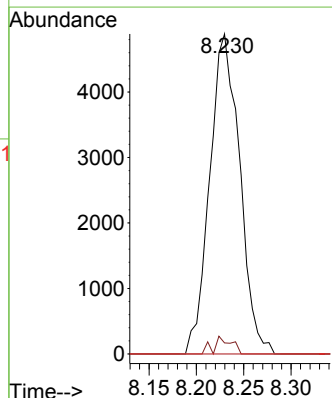
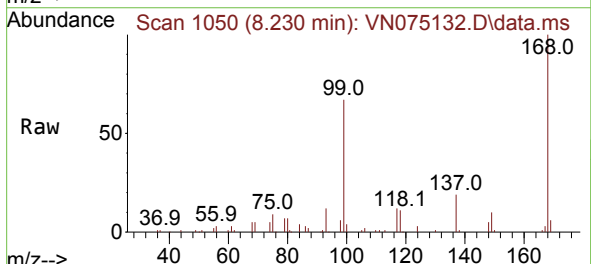
Tgt Ion: 117 Resp: 10762

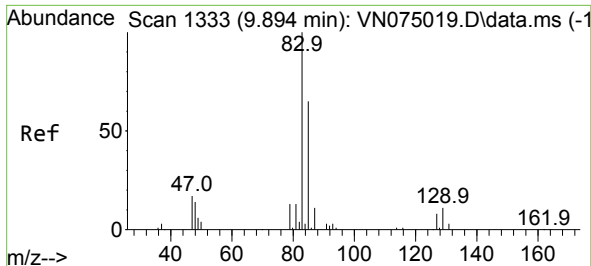
Ion Ratio Lower Upper

117 100

119 3.5 76.7 115.1#

121 0.0 23.9 35.9#

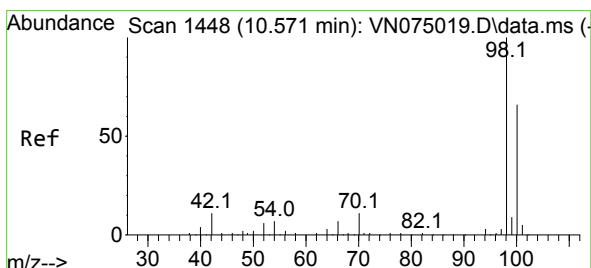
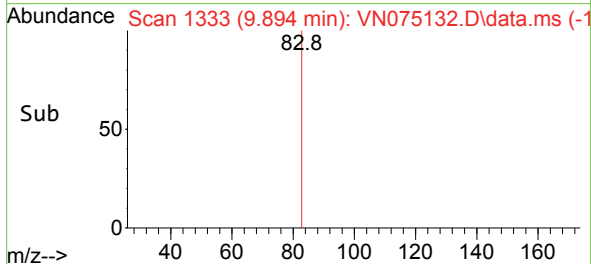
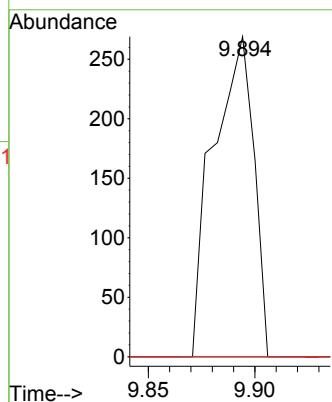
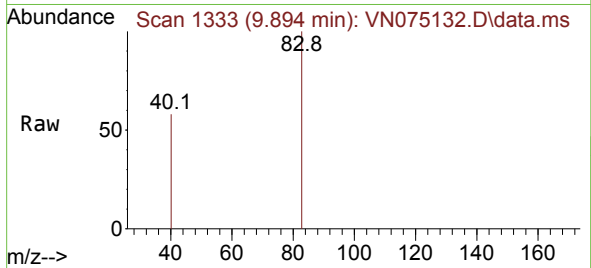




#47
Bromodichloromethane
Concen: 0.204 ug/l
RT: 9.894 min Scan# 1333
Delta R.T. 0.000 min
Lab File: VN075132.D
Acq: 02 Nov 2022 21:16

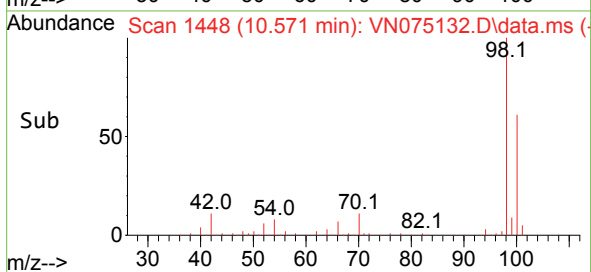
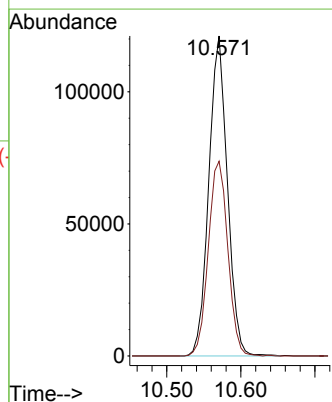
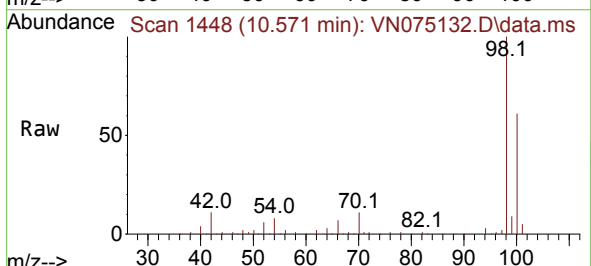
Instrument :
MSVOA_N
ClientSampleId :
S-6-103122

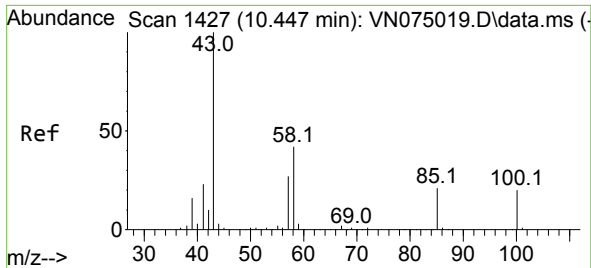
Tgt Ion: 83 Resp: 356
Ion Ratio Lower Upper
83 100
85 0.0 52.1 78.1#
127 0.0 6.6 10.0#



#50
Toluene-d8
Concen: 53.173 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075132.D
Acq: 02 Nov 2022 21:16

Tgt Ion: 98 Resp: 211185
Ion Ratio Lower Upper
98 100
100 63.9 53.0 79.6

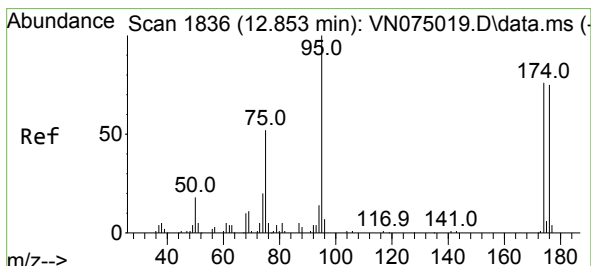
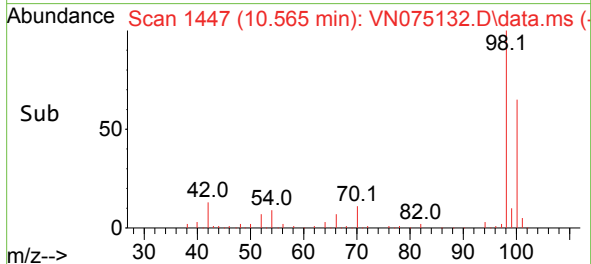
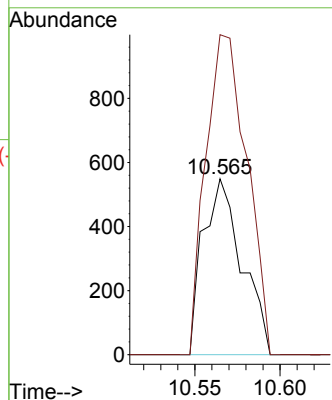
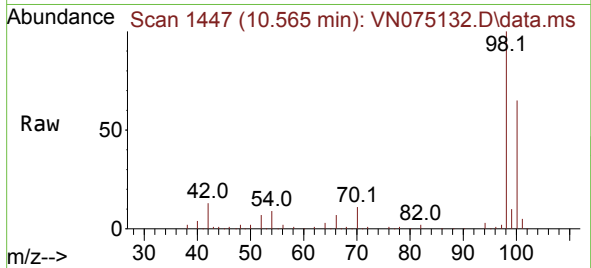




#51
4-Methyl-2-Pentanone
Concen: 0.501 ug/l
RT: 10.565 min Scan# 1427
Delta R.T. 0.118 min
Lab File: VN075132.D
Acq: 02 Nov 2022 21:16

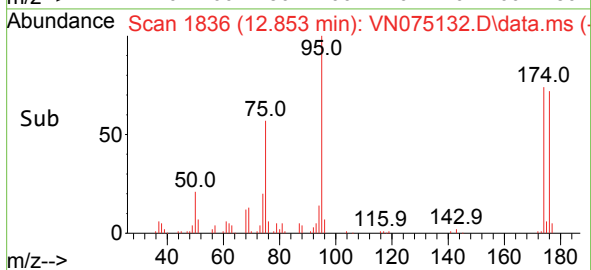
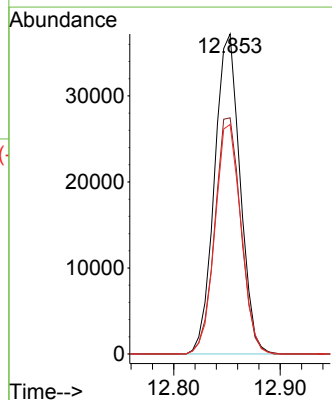
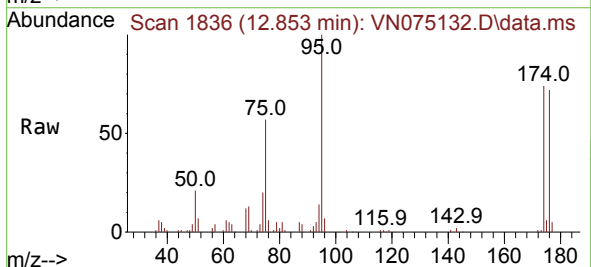
Instrument :
MSVOA_N
ClientSampleId :
S-6-103122

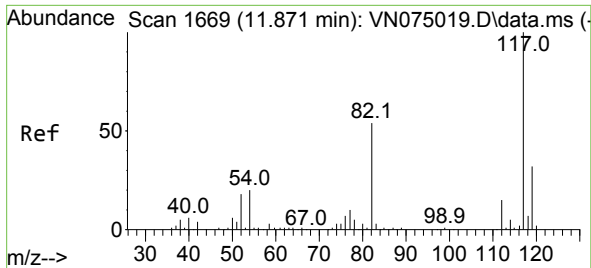
Tgt Ion: 43 Resp: 871
Ion Ratio Lower Upper
43 100
58 193.1 33.6 50.4#



#62
4-Bromofluorobenzene
Concen: 44.494 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075132.D
Acq: 02 Nov 2022 21:16

Tgt Ion: 95 Resp: 62076
Ion Ratio Lower Upper
95 100
174 75.2 0.0 147.4
176 73.0 0.0 142.2

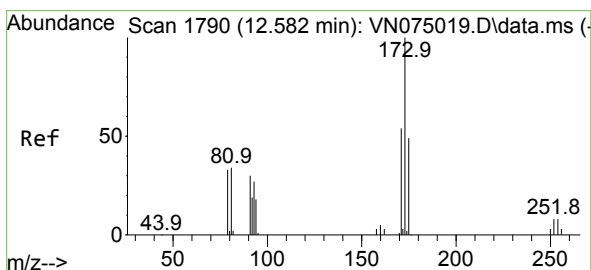
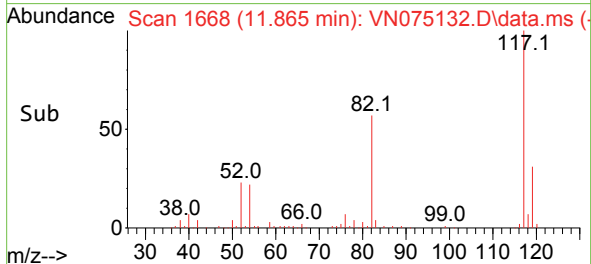
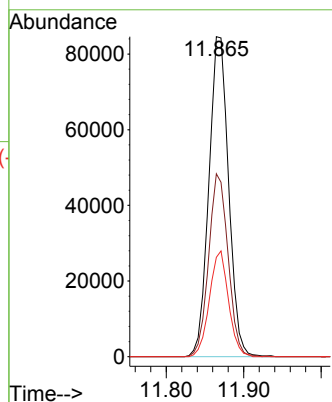
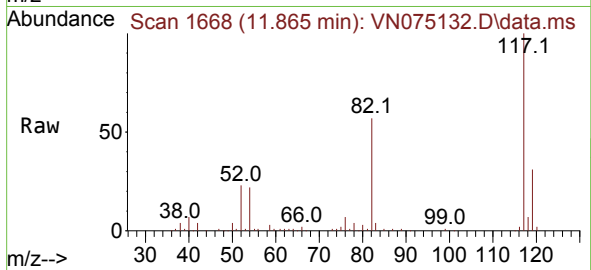




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075132.D
Acq: 02 Nov 2022 21:16

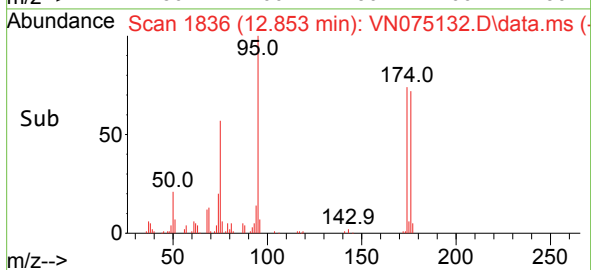
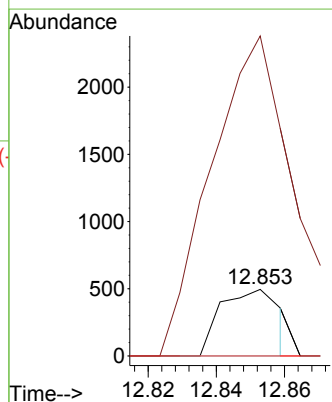
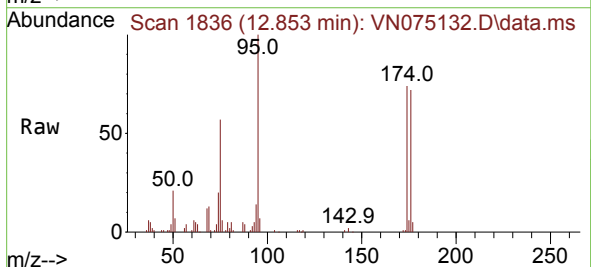
Instrument :
MSVOA_N
ClientSampleId :
S-6-103122

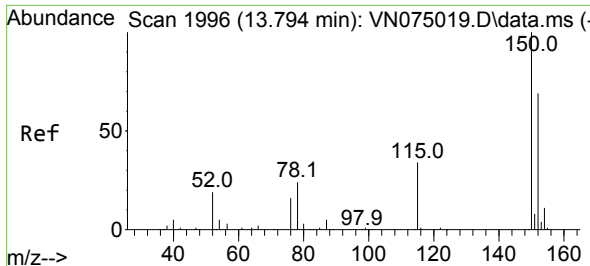
Tgt Ion:117 Resp: 149429
Ion Ratio Lower Upper
117 100
82 57.2 43.1 64.7
119 31.1 25.5 38.3



#71
Bromoform
Concen: 0.673 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.271 min
Lab File: VN075132.D
Acq: 02 Nov 2022 21:16

Tgt Ion:173 Resp: 596
Ion Ratio Lower Upper
173 100
175 557.7 24.6 74.0#
254 0.0 0.0 0.0

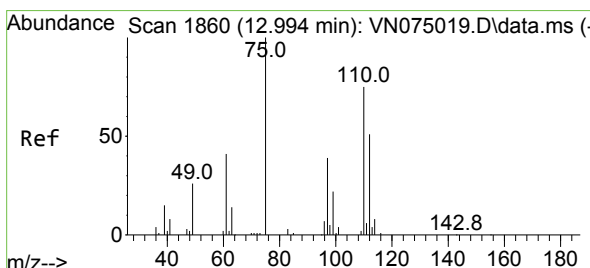
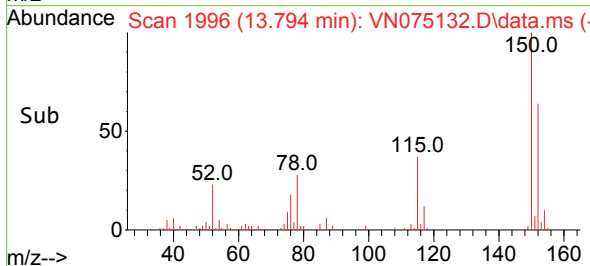
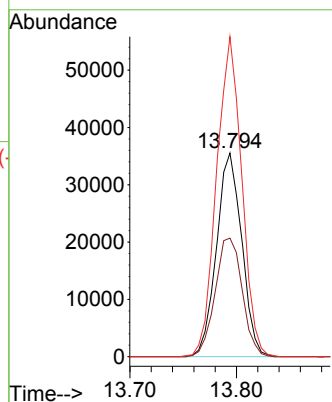
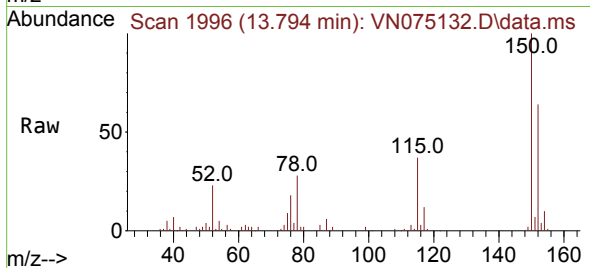




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN075132.D
 Acq: 02 Nov 2022 21:16

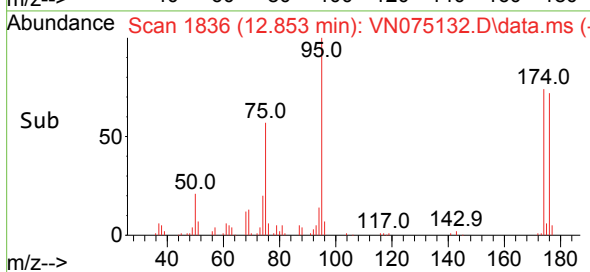
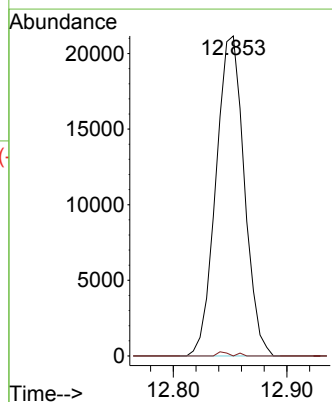
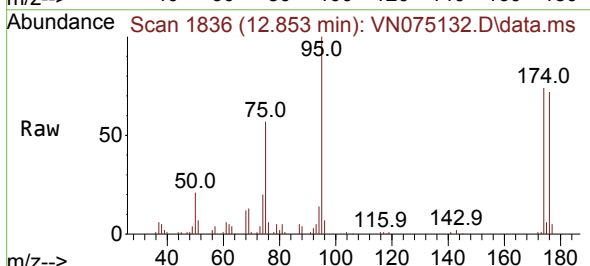
Instrument :
 MSVOA_N
 ClientSampleId :
 S-6-103122

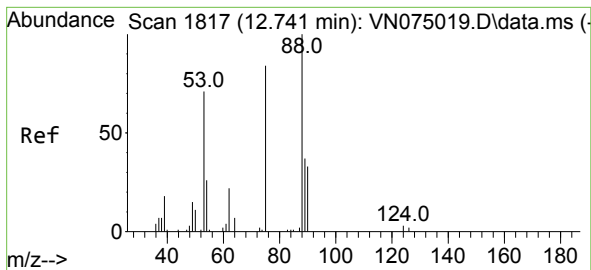
Tgt Ion:152 Resp: 58473
 Ion Ratio Lower Upper
 152 100
 115 62.3 30.2 90.6
 150 156.7 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 29.523 ug/l
 RT: 12.853 min Scan# 1836
 Delta R.T. -0.141 min
 Lab File: VN075132.D
 Acq: 02 Nov 2022 21:16

Tgt Ion: 75 Resp: 36654
 Ion Ratio Lower Upper
 75 100
 77 0.6 75.6 226.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.785 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN075132.D
 Acq: 02 Nov 2022 21:16

Instrument :
 MSVOA_N
 ClientSampleId :
 S-6-103122

Tgt Ion: 75 Resp: 36654
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.5 117.7#
 89 0.0 37.7 56.5#

