

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110822\
 Data File : VN075203.D
 Acq On : 08 Nov 2022 11:43
 Operator : JC\MD
 Sample : VN1108WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 09 01:30:20 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)

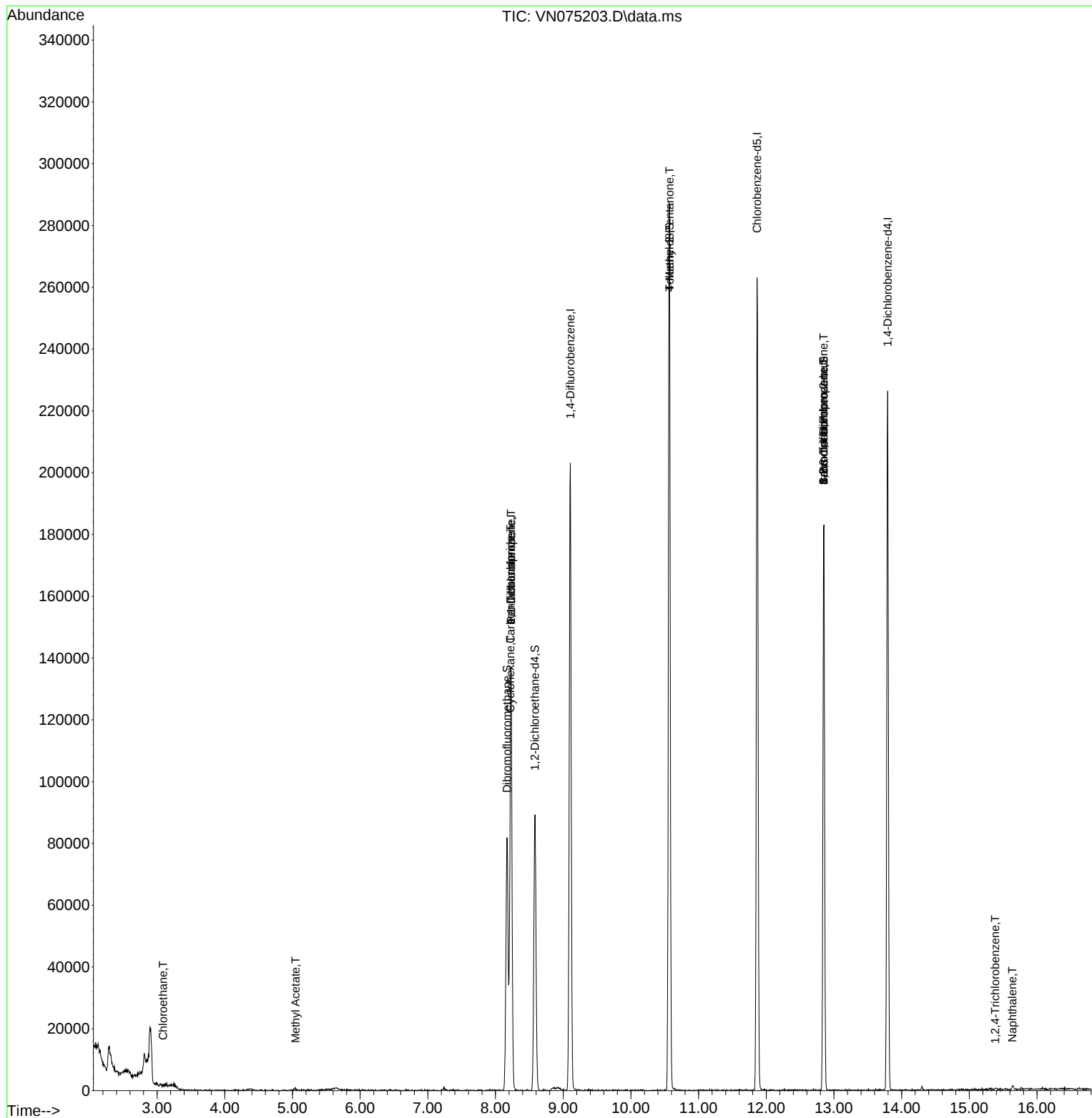
Internal Standards						
1) Pentafluorobenzene	8.229	168	94421	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	178739	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	152738	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	59829	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	72768	57.198	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.400%
35) Dibromofluoromethane	8.171	113	59070	56.295	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	112.600%
50) Toluene-d8	10.570	98	207923	51.075	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.140%
62) 4-Bromofluorobenzene	12.847	95	63572	44.454	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.900%
Target Compounds						
					Qvalue	
5) Bromomethane	2.912	94	682	Below Cal	#	69
6) Chloroethane	3.089	64	471	0.353	ug/l #	45
18) Methyl Acetate	5.047	43	1214	0.690	ug/l #	59
31) Cyclohexane	8.218	56	2250	1.189	ug/l #	51
36) 1,1-Dichloropropene	8.229	75	8053	4.957	ug/l #	50
38) Carbon Tetrachloride	8.223	117	10541	5.899	ug/l #	16
51) 4-Methyl-2-Pentanone	10.570	43	808	0.453	ug/l #	1
71) Bromoform	12.847	173	311	0.343	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	34804	27.398	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	34804	70.329	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.382	180	386	0.436	ug/l #	56
95) Naphthalene	15.635	128	1758	0.516	ug/l #	69

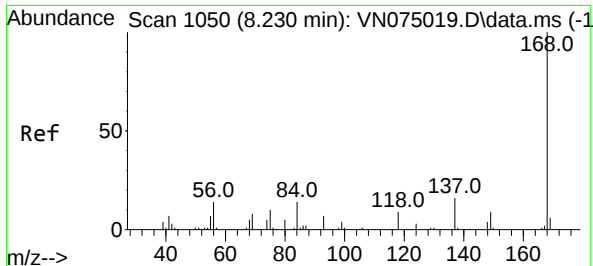
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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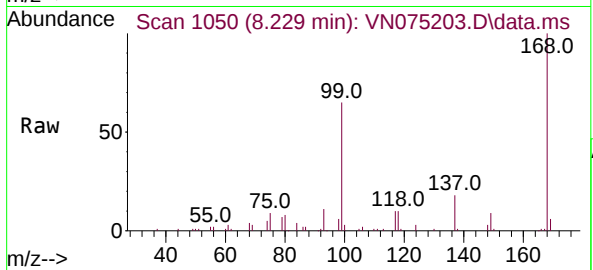
Quant Time: Nov 09 01:30:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
Quant Title : SW846 8260
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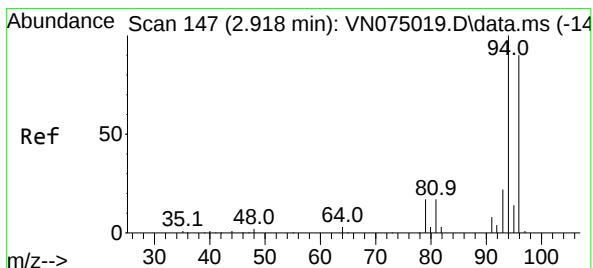
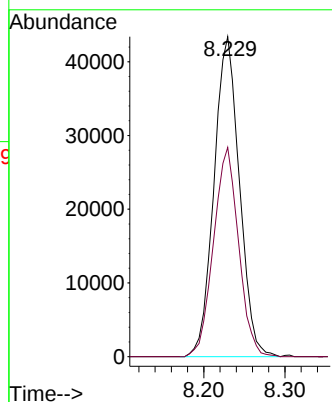
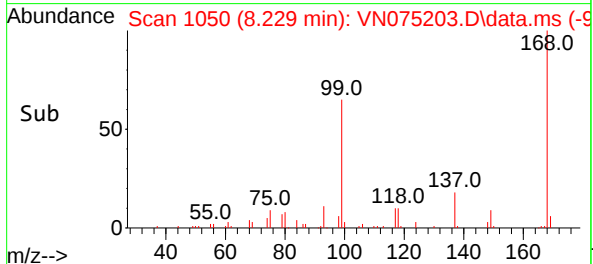


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN075203.D
Acq: 08 Nov 2022 11:43

Instrument :
MSVOA_N
ClientSampleId :

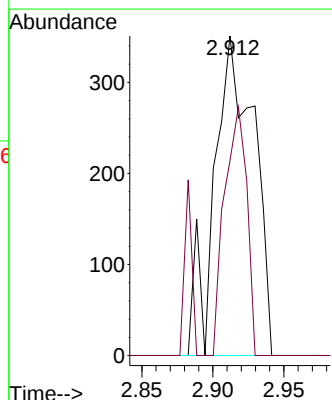
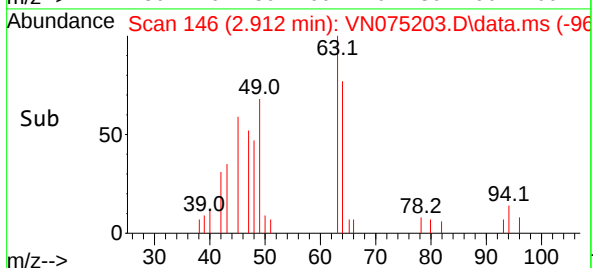
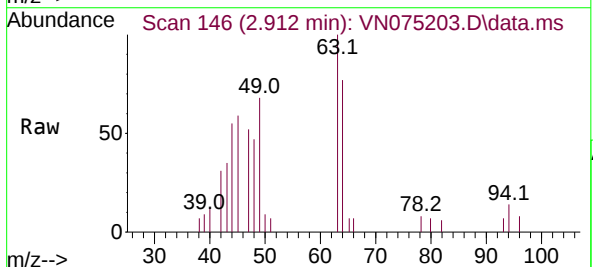


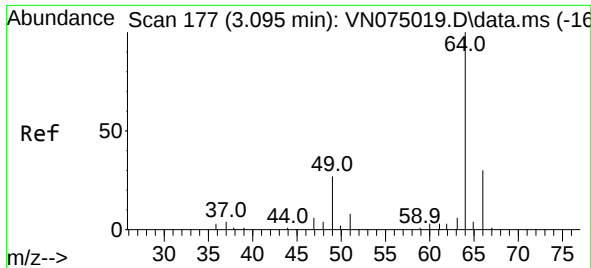
Tgt Ion:168 Resp: 94421
Ion Ratio Lower Upper
168 100
99 65.4 51.6 77.4



#5
Bromomethane
Concen: Below Cal
RT: 2.912 min Scan# 146
Delta R.T. -0.006 min
Lab File: VN075203.D
Acq: 08 Nov 2022 11:43

Tgt Ion: 94 Resp: 682
Ion Ratio Lower Upper
94 100
96 61.0 71.8 107.6#

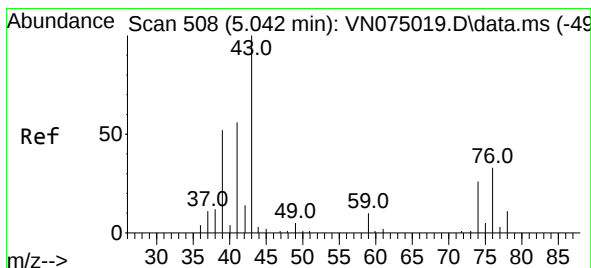
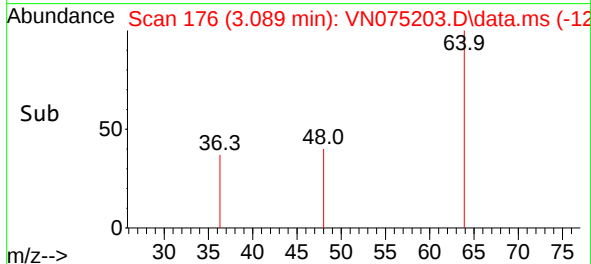
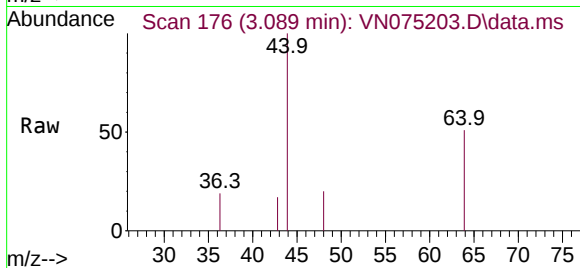




#6
Chloroethane
Concen: 0.353 ug/l
RT: 3.089 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075203.D
Acq: 08 Nov 2022 11:43

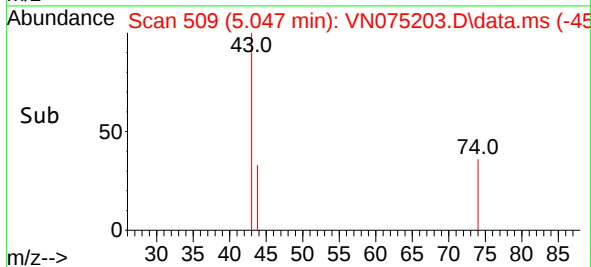
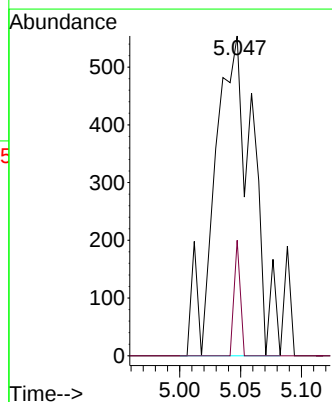
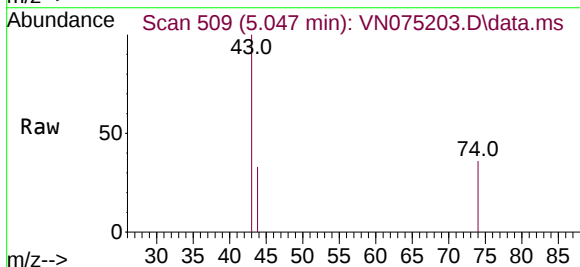
Instrument :
MSVOA_N
ClientSampleId :

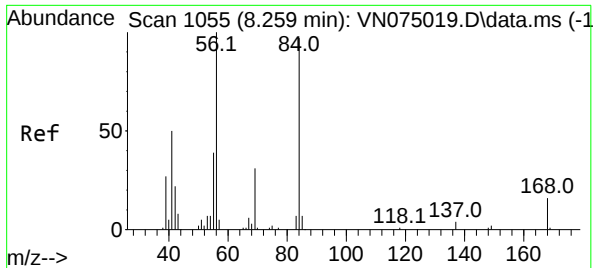
Tgt Ion: 64 Resp: 471
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.8#



#18
Methyl Acetate
Concen: 0.690 ug/l
RT: 5.047 min Scan# 509
Delta R.T. 0.005 min
Lab File: VN075203.D
Acq: 08 Nov 2022 11:43

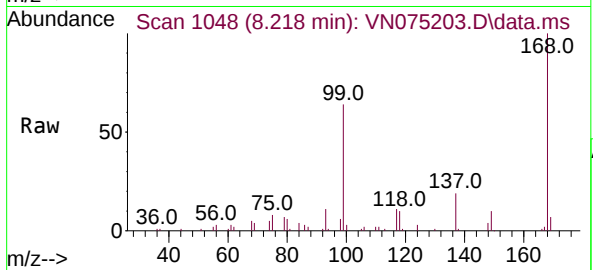
Tgt Ion: 43 Resp: 1214
Ion Ratio Lower Upper
43 100
74 5.8 22.0 33.0#



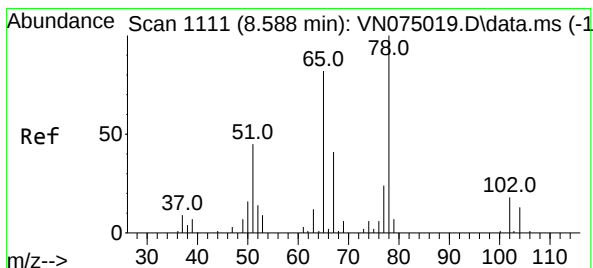
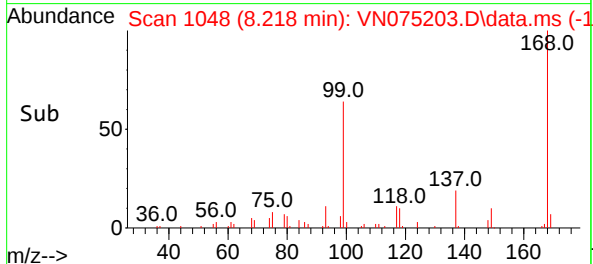
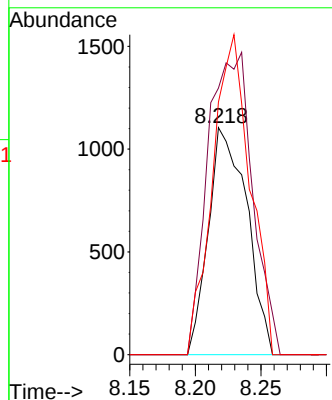


#31
Cyclohexane
Concen: 1.189 ug/l
RT: 8.218 min Scan# 110
Delta R.T. -0.041 min
Lab File: VN075203.D
Acq: 08 Nov 2022 11:43

Instrument :
MSVOA_N
ClientSampleId :

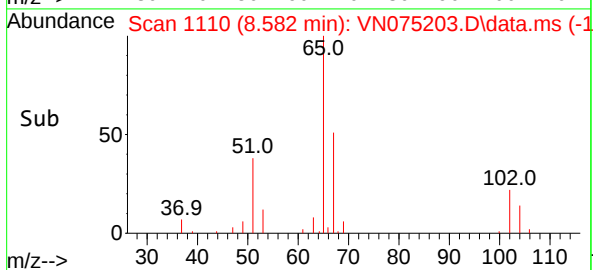
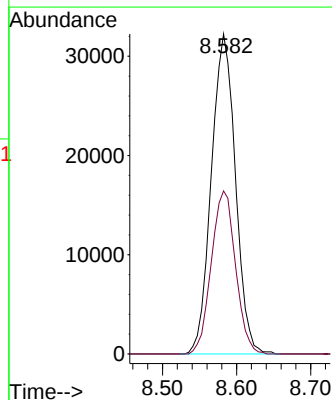
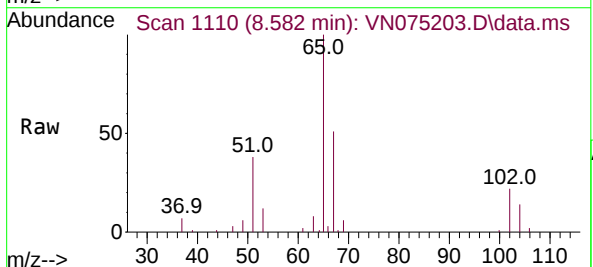


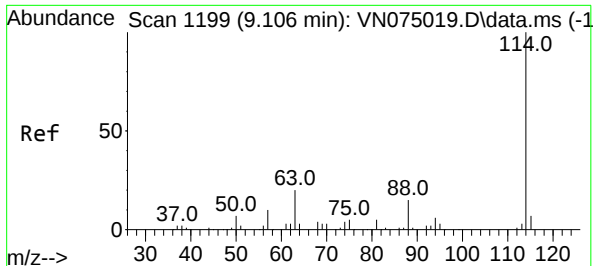
Tgt Ion: 56 Resp: 2250
Ion Ratio Lower Upper
56 100
69 117.4 25.2 37.8#
84 111.2 77.8 116.8



#33
1,2-Dichloroethane-d4
Concen: 57.198 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VN075203.D
Acq: 08 Nov 2022 11:43

Tgt Ion: 65 Resp: 72768
Ion Ratio Lower Upper
65 100
67 51.2 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: VN075203.D

Acq: 08 Nov 2022 11:43

Instrument :

MSVOA_N

ClientSampleId :

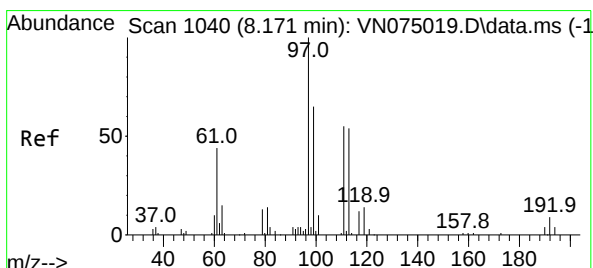
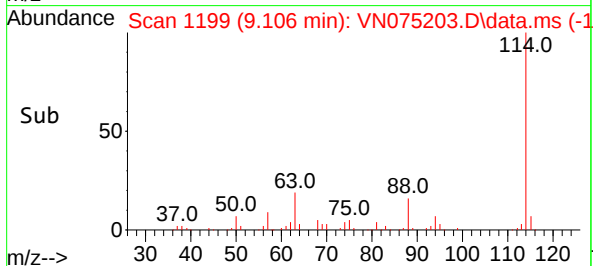
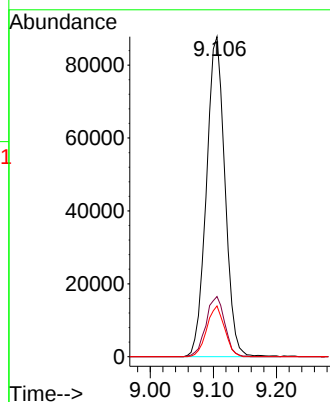
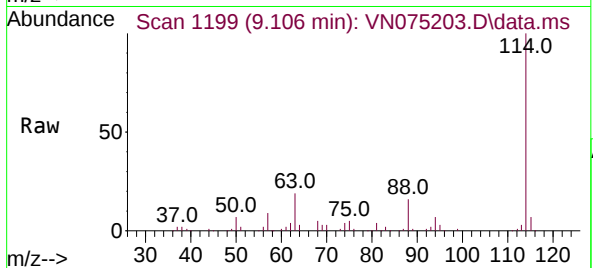
Tgt Ion:114 Resp: 178739

Ion Ratio Lower Upper

114 100

63 18.8 0.0 39.6

88 15.8 0.0 29.0



#35

Dibromofluoromethane

Concen: 56.295 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075203.D

Acq: 08 Nov 2022 11:43

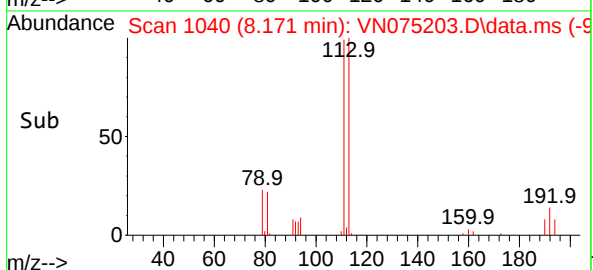
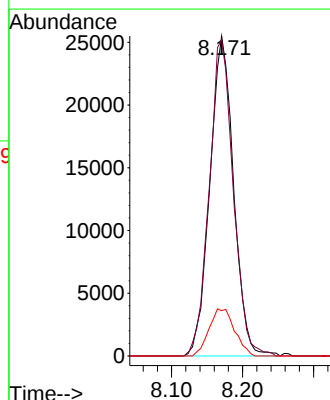
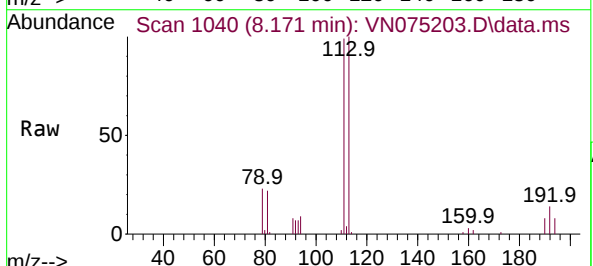
Tgt Ion:113 Resp: 59070

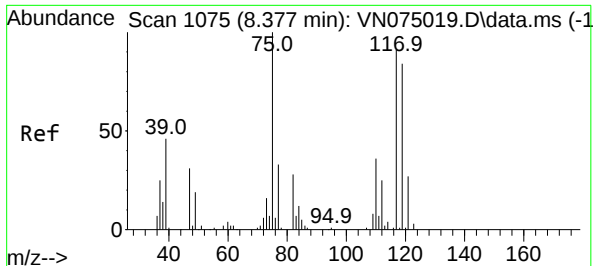
Ion Ratio Lower Upper

113 100

111 100.2 80.5 120.7

192 15.9 13.2 19.8





#36

1,1-Dichloropropene

Concen: 4.957 ug/l

RT: 8.229 min Scan# 1050

Delta R.T. -0.148 min

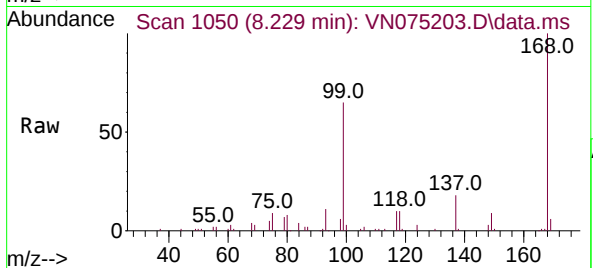
Lab File: VN075203.D

Acq: 08 Nov 2022 11:43

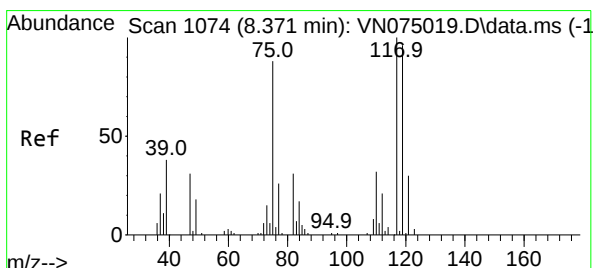
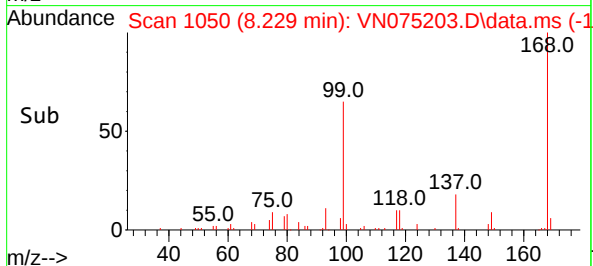
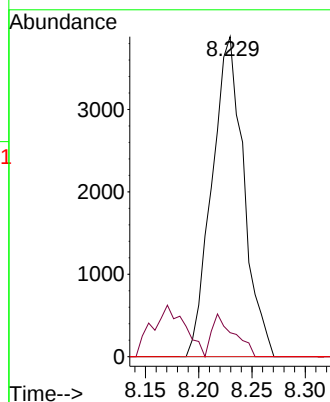
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	8053
Ion Ratio	Lower	Upper	
75	100		
110	9.3	17.8	53.3#
77	0.0	24.6	37.0#



#38

Carbon Tetrachloride

Concen: 5.899 ug/l

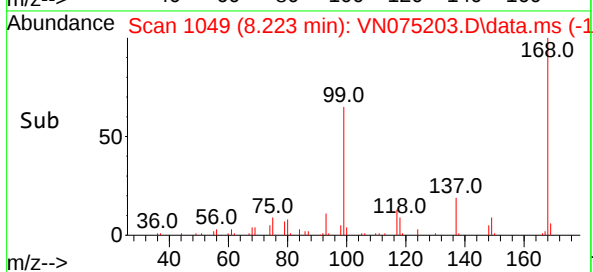
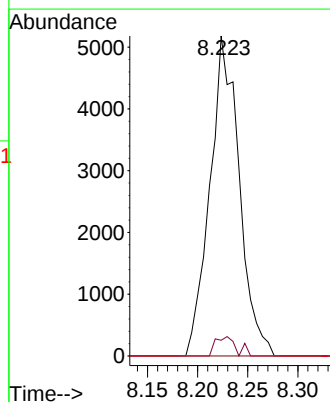
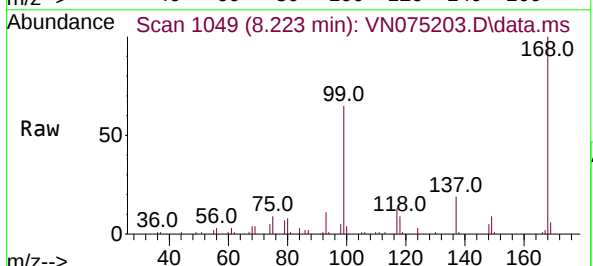
RT: 8.223 min Scan# 1049

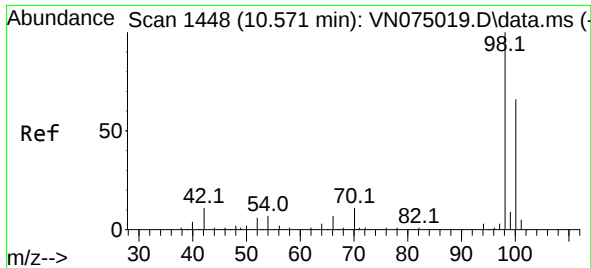
Delta R.T. -0.148 min

Lab File: VN075203.D

Acq: 08 Nov 2022 11:43

Tgt Ion:	117	Resp:	10541
Ion Ratio	Lower	Upper	
117	100		
119	4.9	76.7	115.1#
121	0.0	23.9	35.9#

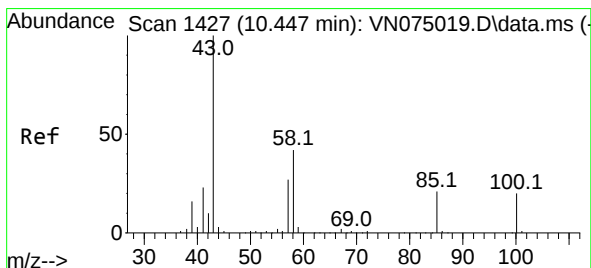
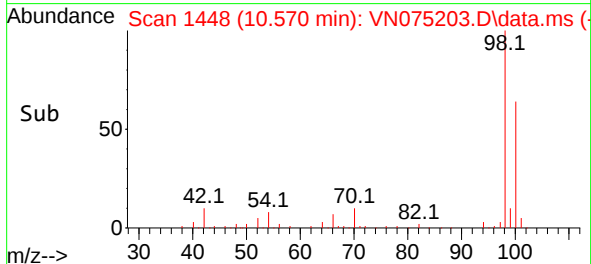
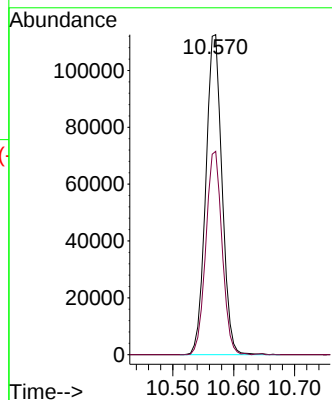
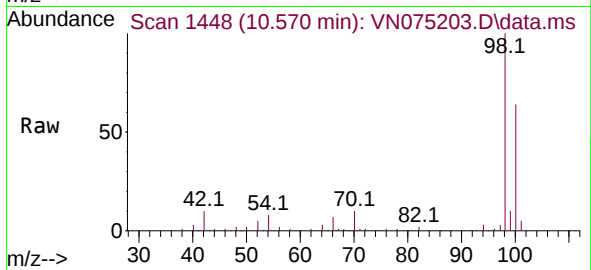




#50
Toluene-d8
Concen: 51.075 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. -0.001 min
Lab File: VN075203.D
Acq: 08 Nov 2022 11:43

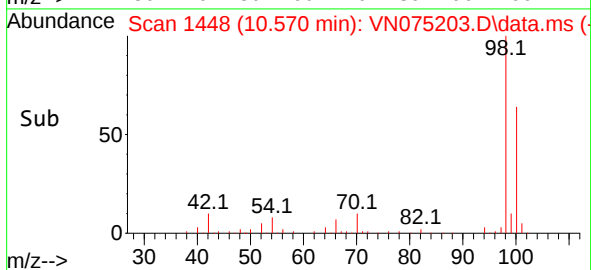
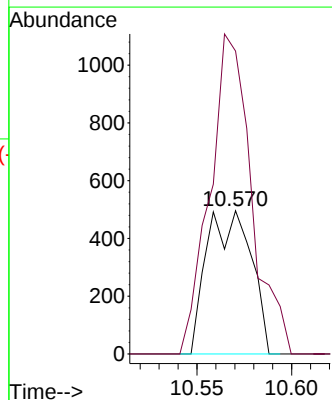
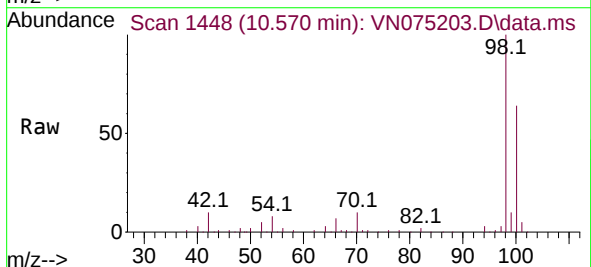
Instrument :
MSVOA_N
ClientSampleId :

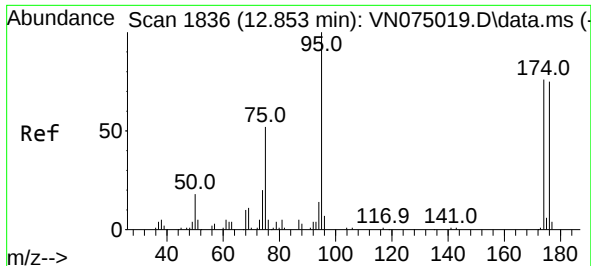
Tgt Ion: 98 Resp: 207923
Ion Ratio Lower Upper
98 100
100 63.6 53.0 79.6



#51
4-Methyl-2-Pentanone
Concen: 0.453 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. 0.123 min
Lab File: VN075203.D
Acq: 08 Nov 2022 11:43

Tgt Ion: 43 Resp: 808
Ion Ratio Lower Upper
43 100
58 209.3 33.6 50.4#





#62

4-Bromofluorobenzene

Concen: 44.454 ug/l

RT: 12.847 min Scan# 1835

Delta R.T. -0.006 min

Lab File: VN075203.D

Acq: 08 Nov 2022 11:43

Instrument :

MSVOA_N

ClientSampleId :

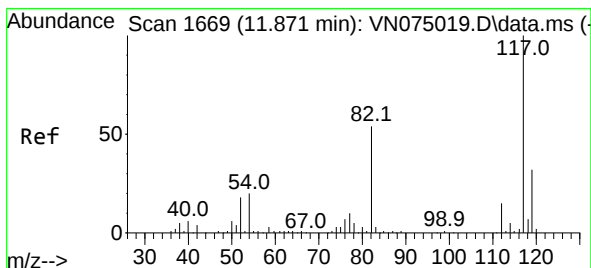
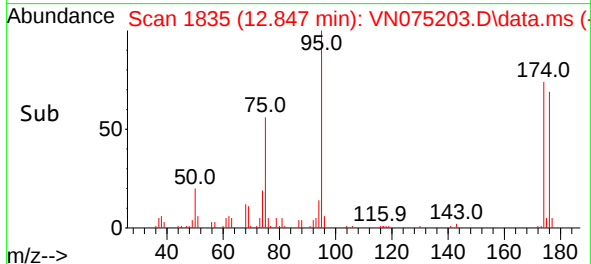
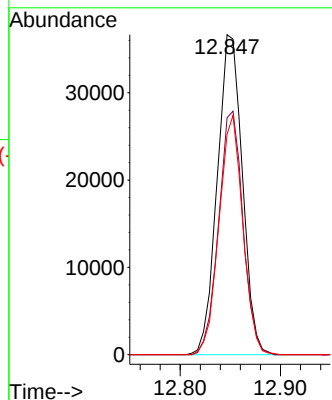
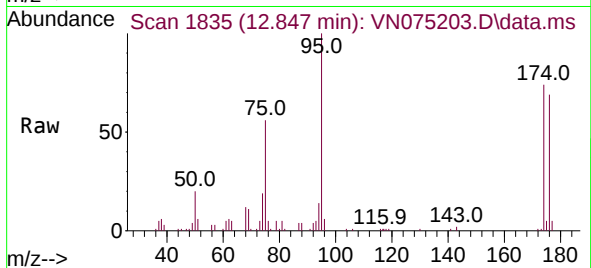
Tgt Ion: 95 Resp: 63572

Ion Ratio Lower Upper

95 100

174 73.9 0.0 147.4

176 70.9 0.0 142.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.864 min Scan# 1668

Delta R.T. -0.007 min

Lab File: VN075203.D

Acq: 08 Nov 2022 11:43

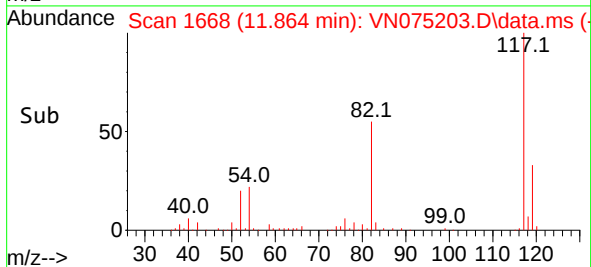
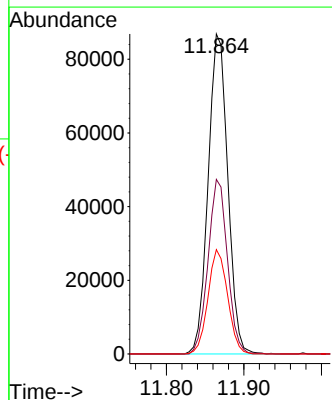
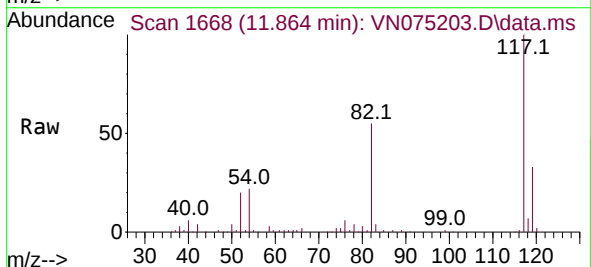
Tgt Ion: 117 Resp: 152738

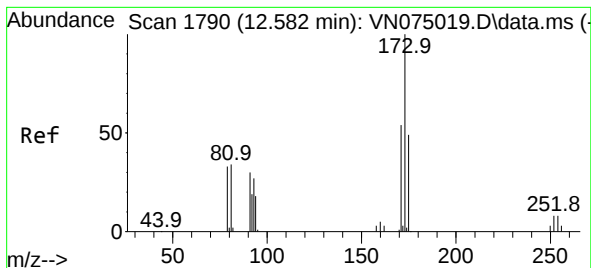
Ion Ratio Lower Upper

117 100

82 54.6 43.1 64.7

119 32.6 25.5 38.3





#71

Bromoform

Concen: 0.343 ug/l

RT: 12.847 min Scan# 11

Delta R.T. 0.265 min

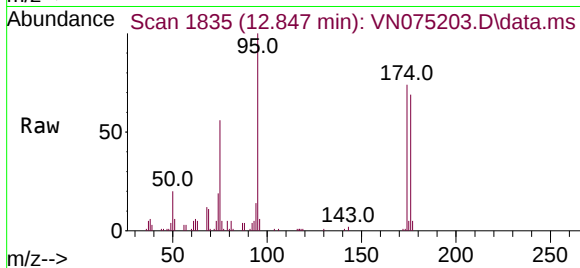
Lab File: VN075203.D

Acq: 08 Nov 2022 11:43

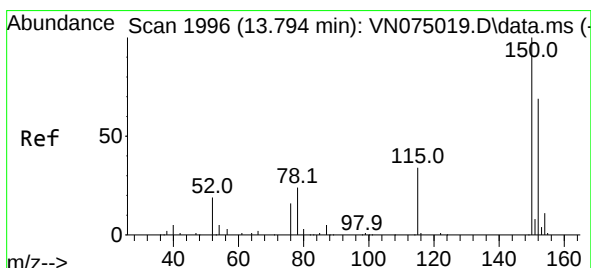
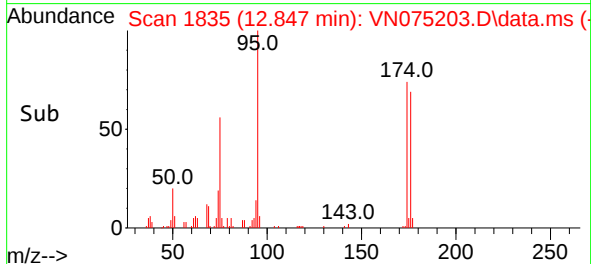
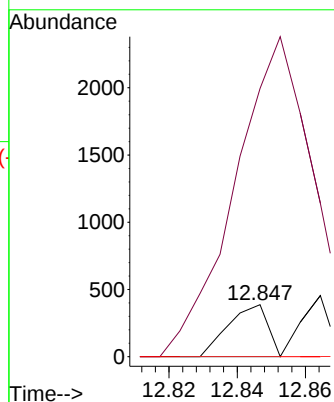
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	173	Resp:	311
Ion Ratio	Lower	Upper	
173	100		
175	1032.5	24.6	74.0#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

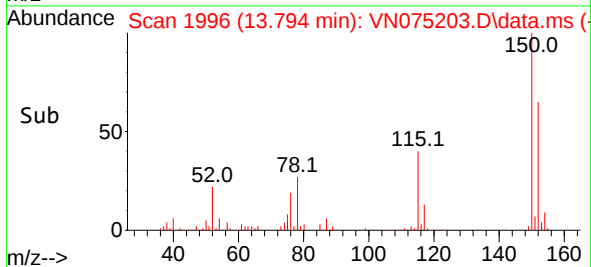
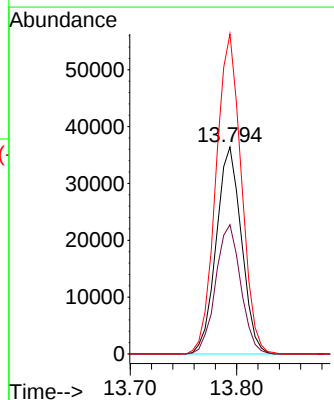
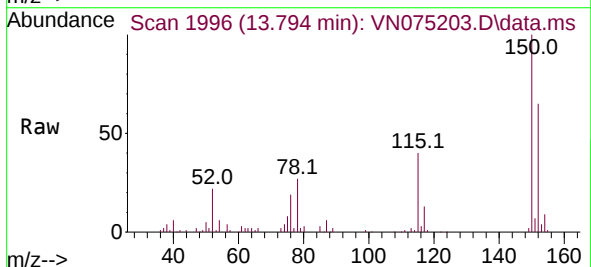
RT: 13.794 min Scan# 1996

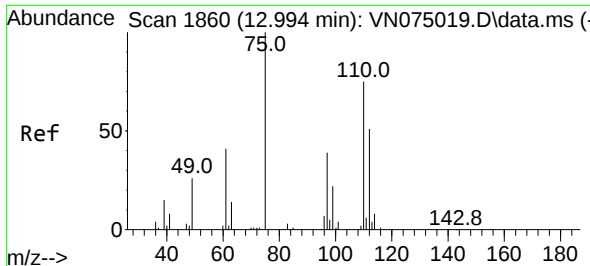
Delta R.T. -0.000 min

Lab File: VN075203.D

Acq: 08 Nov 2022 11:43

Tgt Ion:	152	Resp:	59829
Ion Ratio	Lower	Upper	
152	100		
115	62.1	30.2	90.6
150	155.4	0.0	348.4

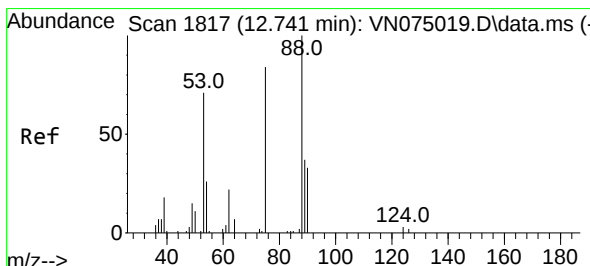
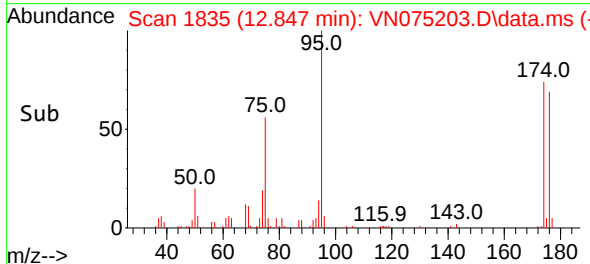
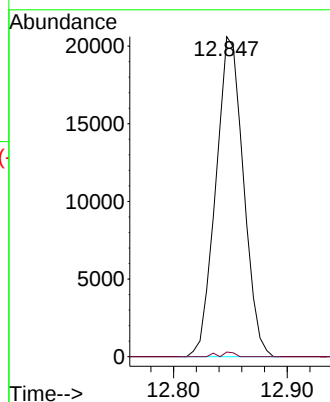
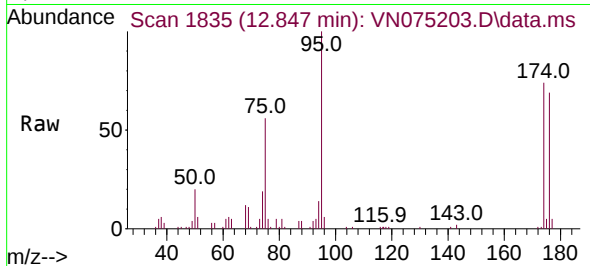




#76
1,2,3-Trichloropropane
Concen: 27.398 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.147 min
Lab File: VN075203.D
Acq: 08 Nov 2022 11:43

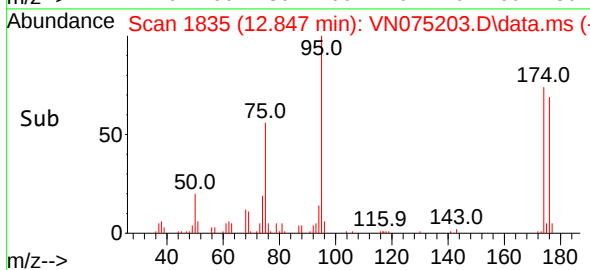
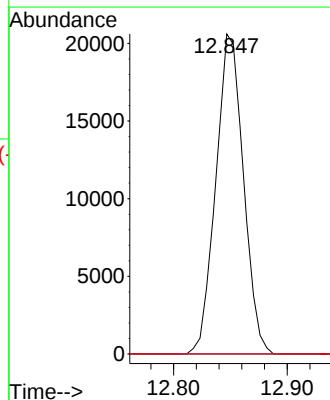
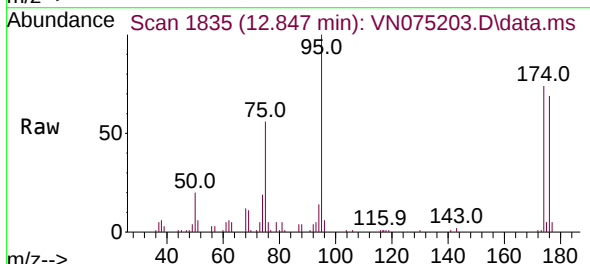
Instrument :
MSVOA_N
ClientSampleId :

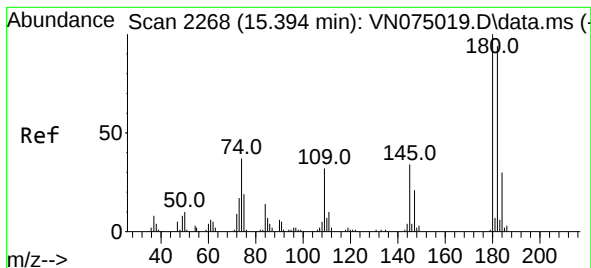
Tgt Ion: 75 Resp: 34804
Ion Ratio Lower Upper
75 100
77 0.8 75.6 226.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.329 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.106 min
Lab File: VN075203.D
Acq: 08 Nov 2022 11:43

Tgt Ion: 75 Resp: 34804
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#





#93

1,2,4-Trichlorobenzene

Concen: 0.436 ug/l

RT: 15.382 min Scan# 21

Delta R.T. -0.012 min

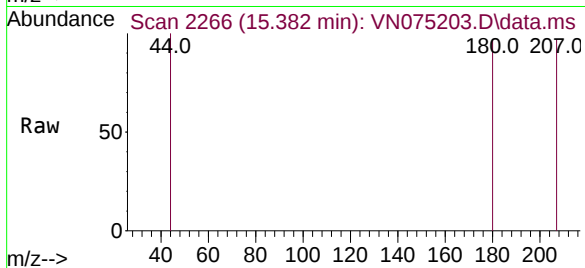
Lab File: VN075203.D

Acq: 08 Nov 2022 11:43

Instrument :

MSVOA_N

ClientSampleId :



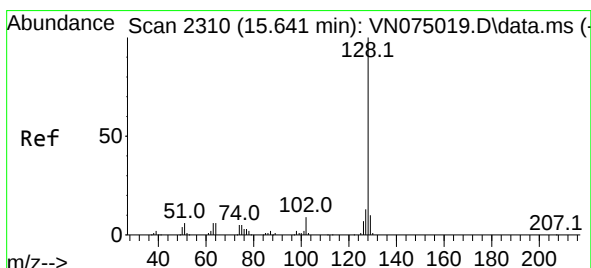
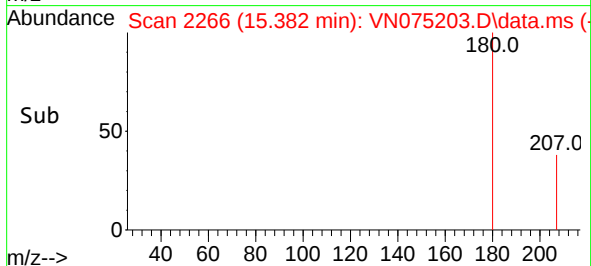
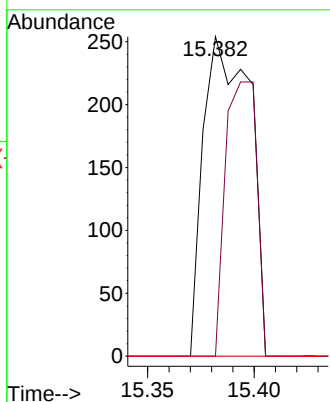
Tgt Ion:180 Resp: 386

Ion Ratio Lower Upper

180 100

182 57.8 47.8 143.4

145 0.0 16.8 50.3#



#95

Naphthalene

Concen: 0.516 ug/l

RT: 15.635 min Scan# 2309

Delta R.T. -0.006 min

Lab File: VN075203.D

Acq: 08 Nov 2022 11:43

Tgt Ion:128 Resp: 1758

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

129 0.0 8.6 12.8#

