

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021623\
 Data File : VN076707.D
 Acq On : 16 Feb 2023 13:27
 Operator : JC\MD
 Sample : 01553-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 17 00:09:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

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

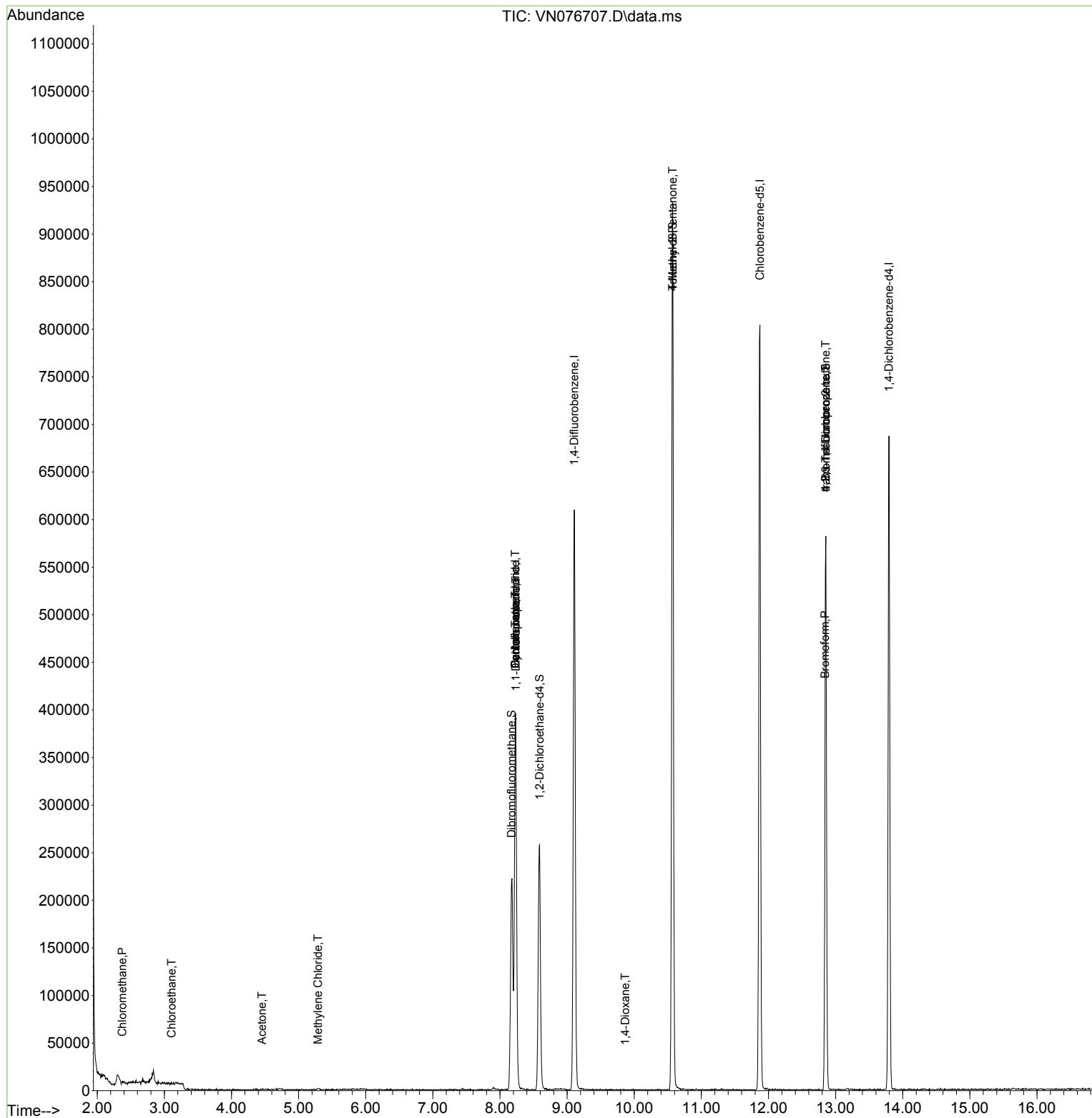
Internal Standards						
1) Pentafluorobenzene	8.231	168	275412	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	508455	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	442720	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	175883	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	204982	53.900	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.800%			
35) Dibromofluoromethane	8.172	113	157497	47.300	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.600%			
50) Toluene-d8	10.572	98	612775	49.277	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.560%			
62) 4-Bromofluorobenzene	12.854	95	183164	44.472	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 88.940%			
Target Compounds						Qvalue
3) Chloromethane	2.372	50	1045	0.274	ug/l #	84
6) Chloroethane	3.107	64	1311	0.552	ug/l #	44
16) Acetone	4.454	43	650	0.383	ug/l #	42
20) Methylene Chloride	5.290	84	747	0.210	ug/l #	23
31) Cyclohexane	8.231	56	8559	1.435	ug/l #	61
36) 1,1-Dichloropropene	8.236	75	26559	5.521	ug/l #	46
38) Carbon Tetrachloride	8.231	117	29197	6.016	ug/l #	17
49) 1,4-Dioxane	9.866	88	54	0.799	ug/l #	1
51) 4-Methyl-2-Pentanone	10.572	43	3174	0.606	ug/l #	1
71) Bromoform	12.842	173	2399	0.960	ug/l #	1
76) 1,2,3-Trichloropropane	12.854	75	104692	29.442	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.854	75	104692	85.752	ug/l #	4

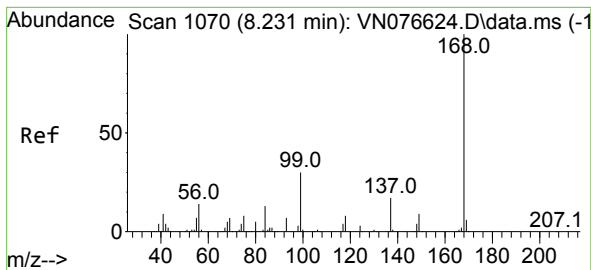
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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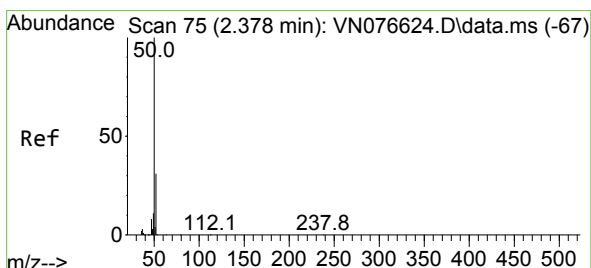
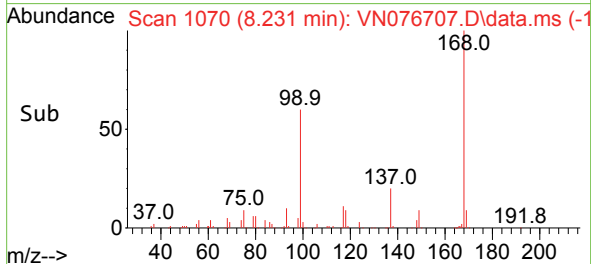
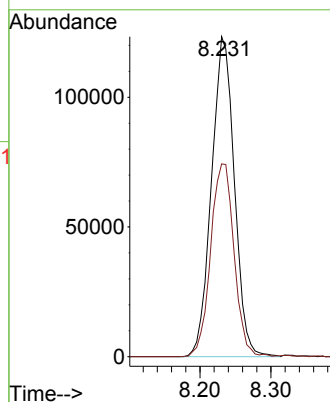
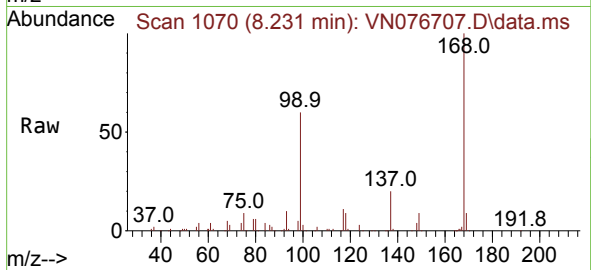




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN076707.D
Acq: 16 Feb 2023 13:27

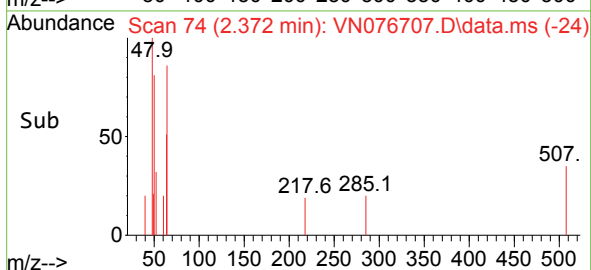
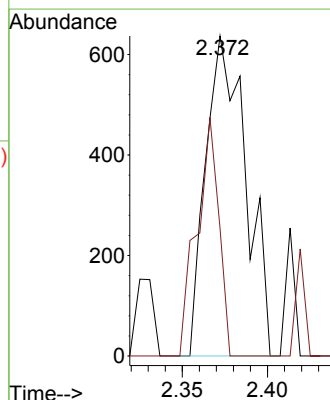
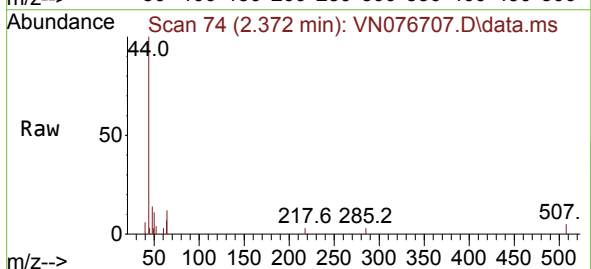
Instrument :
MSVOA_N
ClientSampleId :

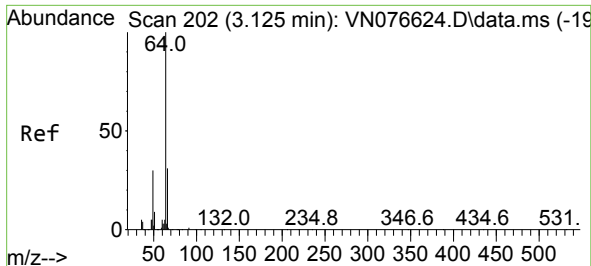
Tgt Ion:168 Resp: 275412
Ion Ratio Lower Upper
168 100
99 60.2 44.8 67.2



#3
Chloromethane
Concen: 0.274 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.006 min
Lab File: VN076707.D
Acq: 16 Feb 2023 13:27

Tgt Ion: 50 Resp: 1045
Ion Ratio Lower Upper
50 100
52 39.9 24.7 37.1#

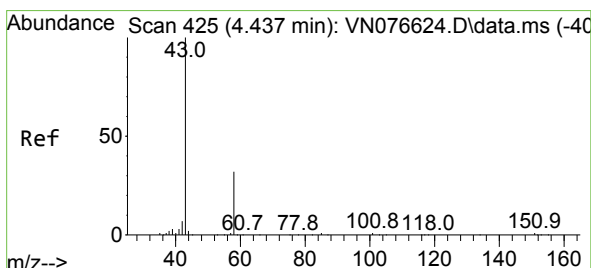
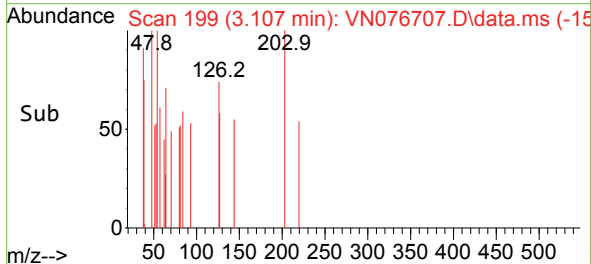
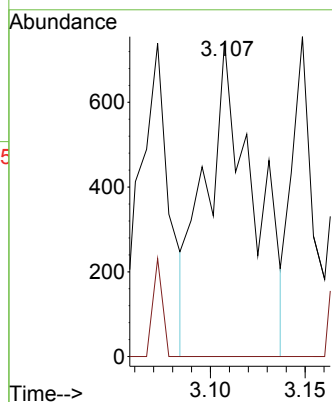
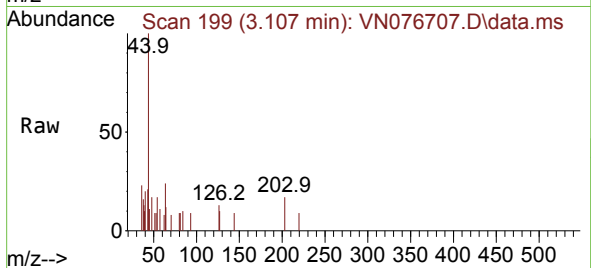




#6
Chloroethane
Concen: 0.552 ug/l
RT: 3.107 min Scan# 19
Delta R.T. -0.018 min
Lab File: VN076707.D
Acq: 16 Feb 2023 13:27

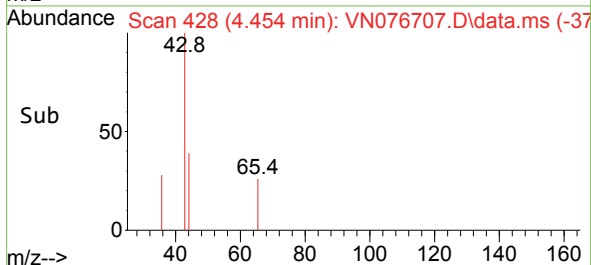
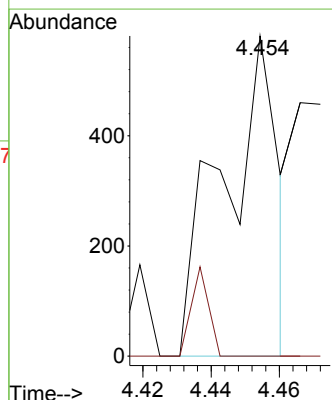
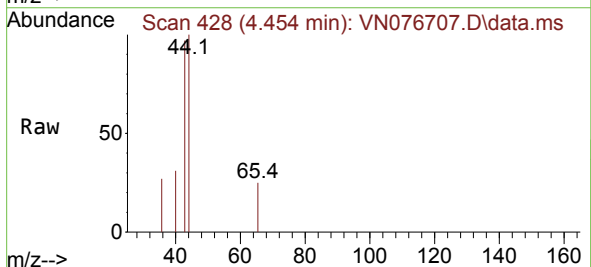
Instrument :
MSVOA_N
ClientSampleId :

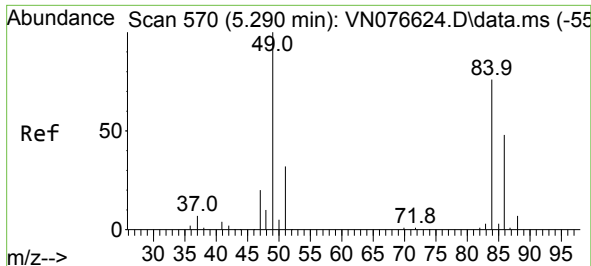
Tgt Ion: 64 Resp: 1311
Ion Ratio Lower Upper
64 100
66 0.0 24.6 37.0#



#16
Acetone
Concen: 0.383 ug/l
RT: 4.454 min Scan# 428
Delta R.T. 0.017 min
Lab File: VN076707.D
Acq: 16 Feb 2023 13:27

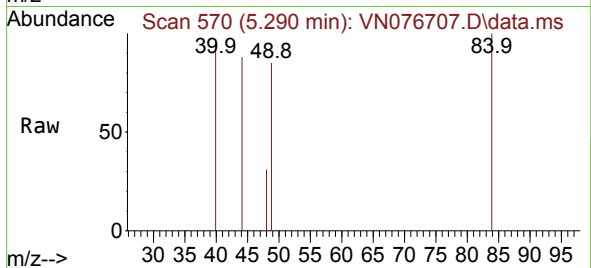
Tgt Ion: 43 Resp: 650
Ion Ratio Lower Upper
43 100
58 0.0 25.9 38.9#



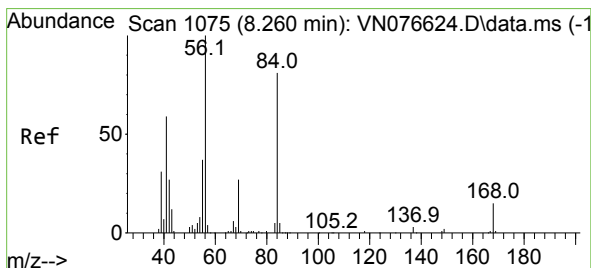
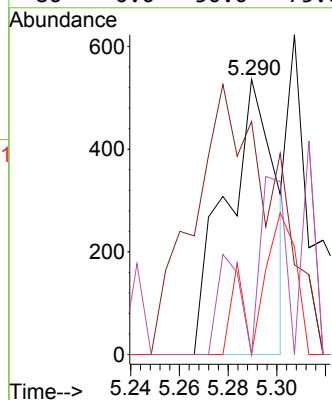
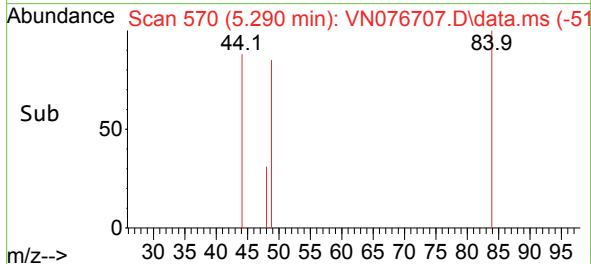


#20
Methylene Chloride
Concen: 0.210 ug/l
RT: 5.290 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN076707.D
Acq: 16 Feb 2023 13:27

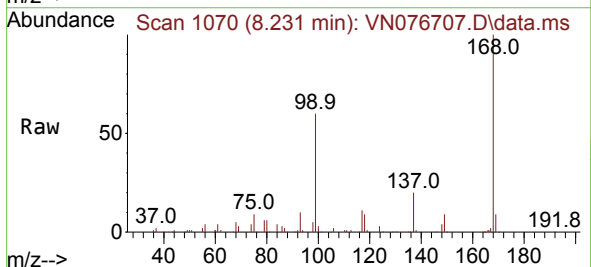
Instrument :
MSVOA_N
ClientSampleId :



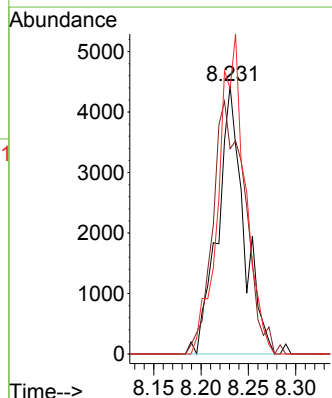
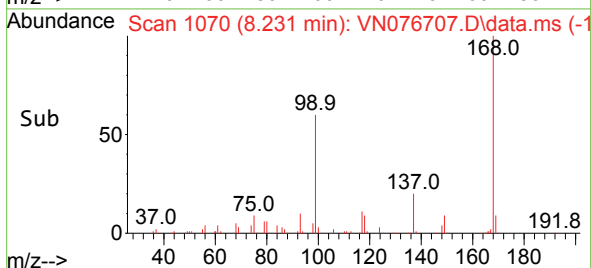
Tgt Ion: 84 Resp: 747
Ion Ratio Lower Upper
84 100
49 39.9 104.9 157.3#
51 0.0 33.8 50.8#
86 0.0 50.0 75.0#

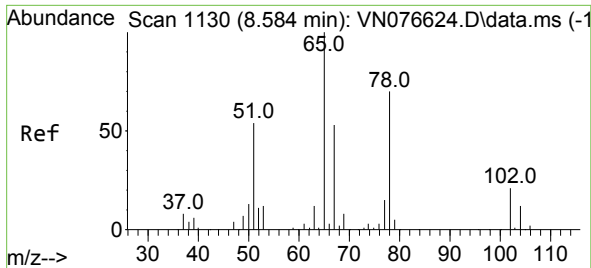


#31
Cyclohexane
Concen: 1.435 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.029 min
Lab File: VN076707.D
Acq: 16 Feb 2023 13:27



Tgt Ion: 56 Resp: 8559
Ion Ratio Lower Upper
56 100
69 76.6 21.6 32.4#
84 99.1 65.1 97.7#

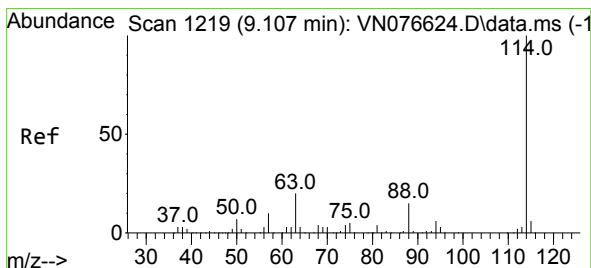
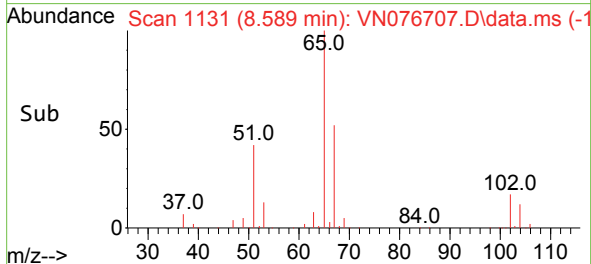
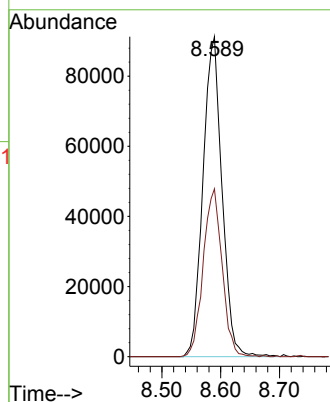
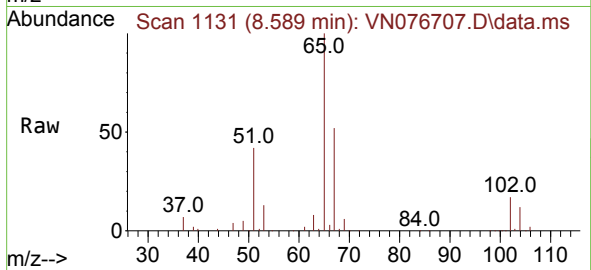




#33
 1,2-Dichloroethane-d4
 Concen: 53.900 ug/l
 RT: 8.589 min Scan# 1130
 Delta R.T. 0.005 min
 Lab File: VN076707.D
 Acq: 16 Feb 2023 13:27

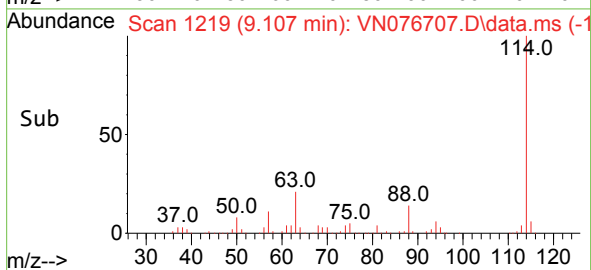
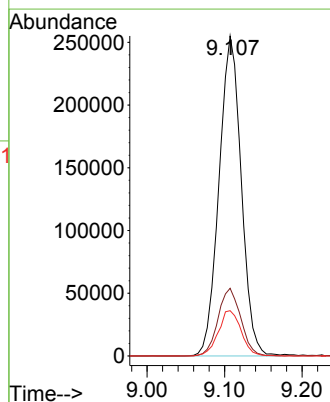
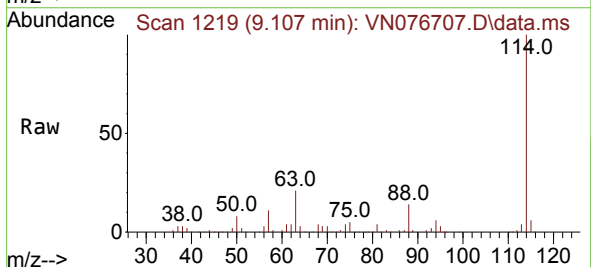
Instrument :
 MSVOA_N
 ClientSampleId :

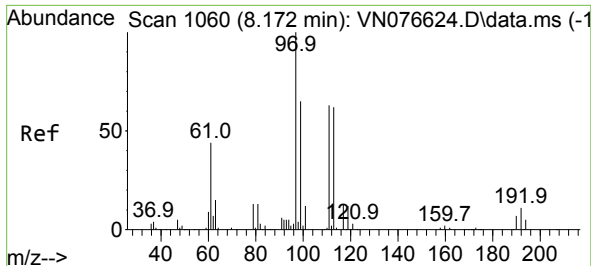
Tgt Ion: 65 Resp: 204982
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.107 min Scan# 1219
 Delta R.T. 0.000 min
 Lab File: VN076707.D
 Acq: 16 Feb 2023 13:27

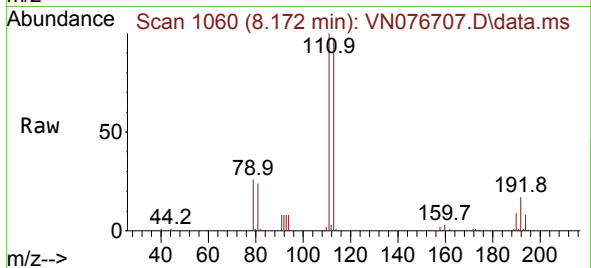
Tgt Ion: 114 Resp: 508455
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 40.0
 88 14.2 0.0 29.6



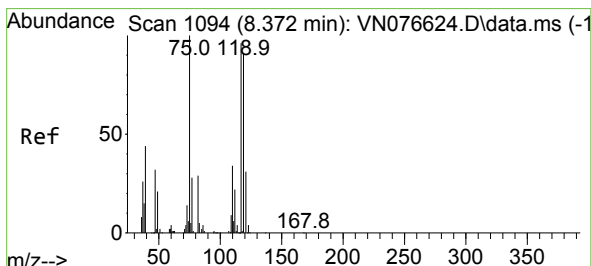
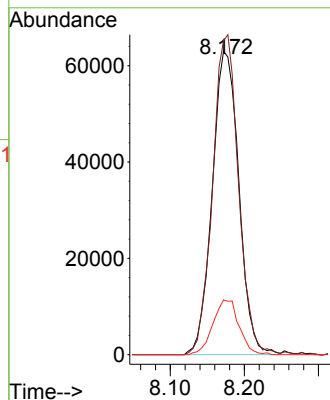
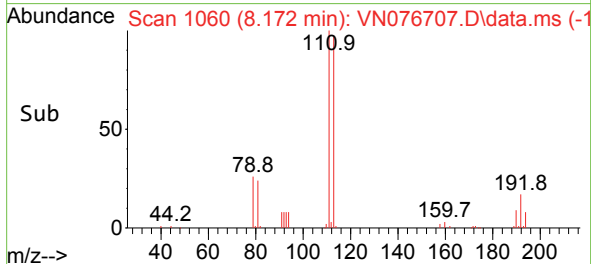


#35
Dibromofluoromethane
Concen: 47.300 ug/l
RT: 8.172 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN076707.D
Acq: 16 Feb 2023 13:27

Instrument :
MSVOA_N
ClientSampleId :

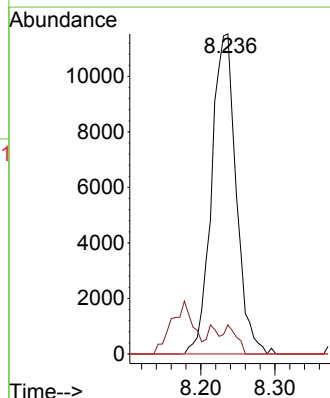
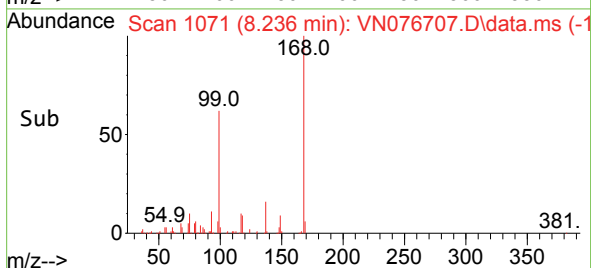
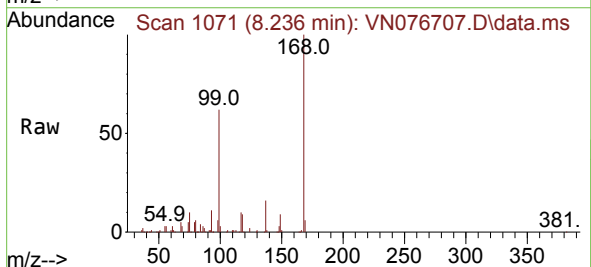


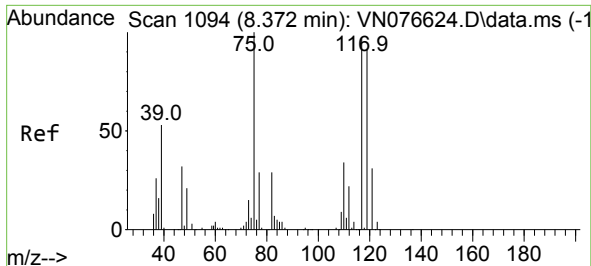
Tgt Ion:113 Resp: 157497
Ion Ratio Lower Upper
113 100
111 102.1 83.1 124.7
192 17.7 15.6 23.4



#36
1,1-Dichloropropene
Concen: 5.521 ug/l
RT: 8.236 min Scan# 1071
Delta R.T. -0.136 min
Lab File: VN076707.D
Acq: 16 Feb 2023 13:27

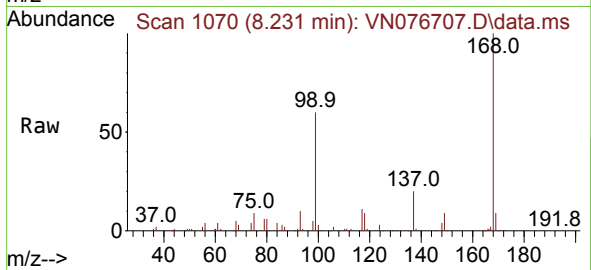
Tgt Ion: 75 Resp: 26559
Ion Ratio Lower Upper
75 100
110 4.9 17.5 52.5#
77 0.0 24.5 36.7#



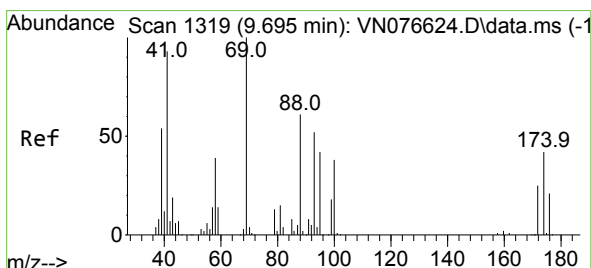
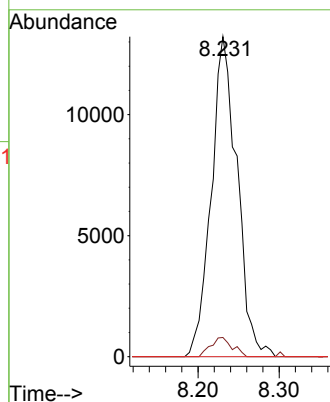
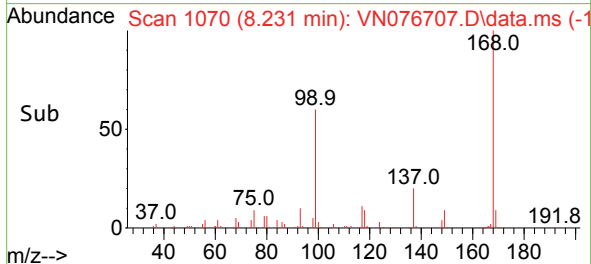


#38
Carbon Tetrachloride
Concen: 6.016 ug/l
RT: 8.231 min Scan# 1094
Delta R.T. -0.141 min
Lab File: VN076707.D
Acq: 16 Feb 2023 13:27

Instrument :
MSVOA_N
ClientSampleId :

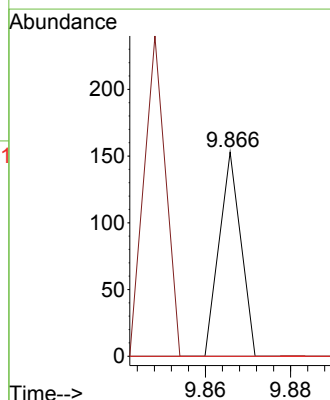
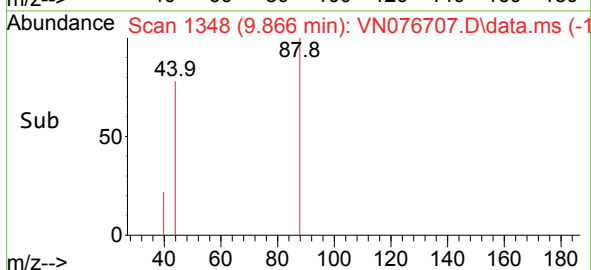
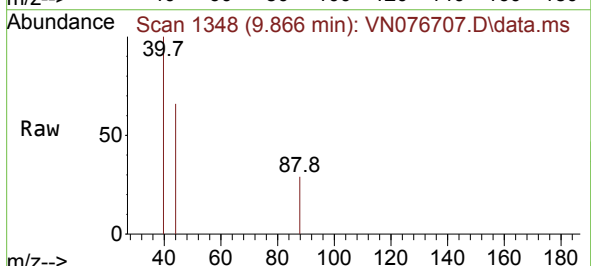


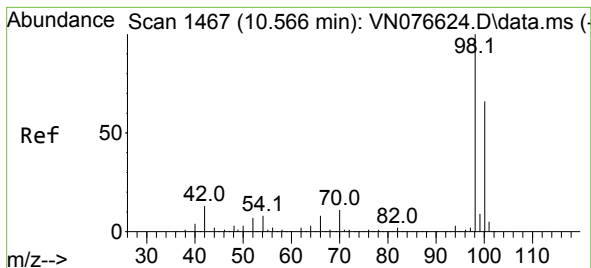
Tgt Ion:117 Resp: 29197
Ion Ratio Lower Upper
117 100
119 6.0 75.4 113.0#
121 0.0 26.0 39.0#



#49
1,4-Dioxane
Concen: 0.799 ug/l
RT: 9.866 min Scan# 1348
Delta R.T. 0.171 min
Lab File: VN076707.D
Acq: 16 Feb 2023 13:27

Tgt Ion: 88 Resp: 54
Ion Ratio Lower Upper
88 100
43 157.4 22.6 33.8#
58 0.0 57.6 86.4#





#50

Toluene-d8

Concen: 49.277 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. 0.006 min

Lab File: VN076707.D

Acq: 16 Feb 2023 13:27

Instrument :

MSVOA_N

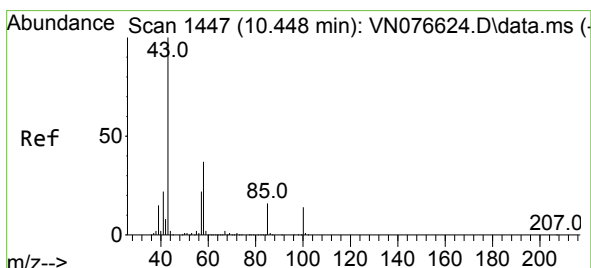
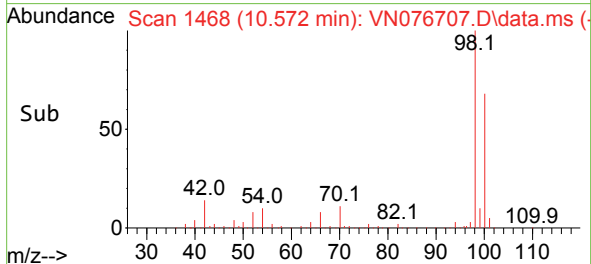
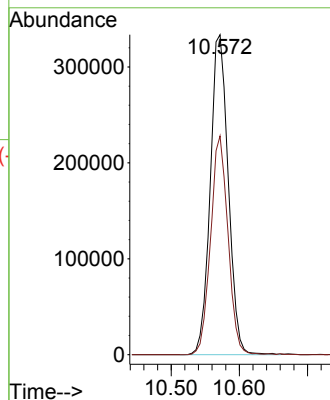
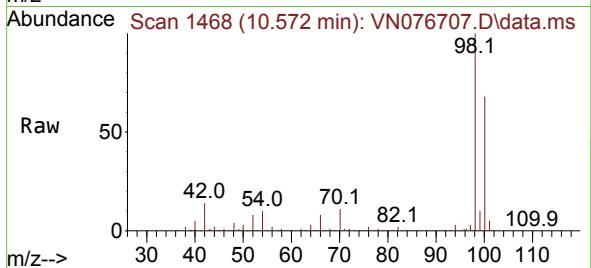
ClientSampleId :

Tgt Ion: 98 Resp: 612775

Ion Ratio Lower Upper

98 100

100 66.1 52.9 79.3



#51

4-Methyl-2-Pentanone

Concen: 0.606 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. 0.124 min

Lab File: VN076707.D

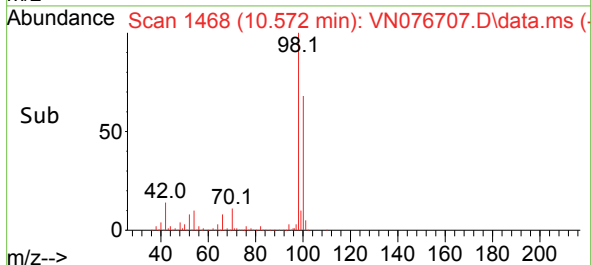
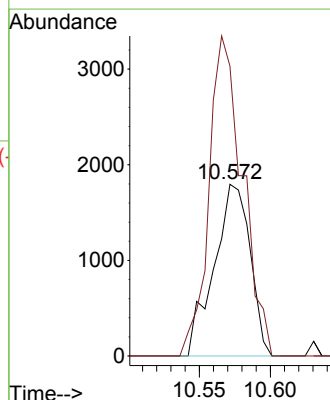
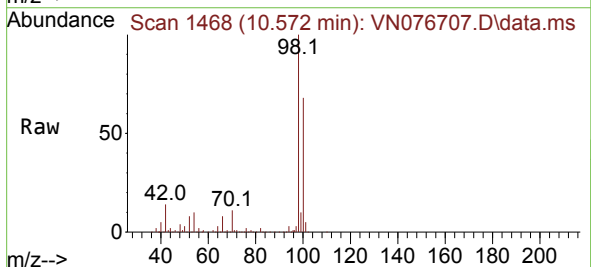
Acq: 16 Feb 2023 13:27

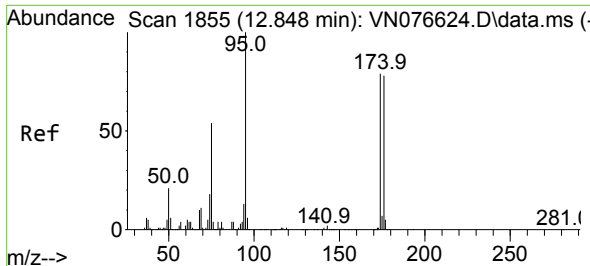
Tgt Ion: 43 Resp: 3174

Ion Ratio Lower Upper

43 100

58 173.1 29.5 44.3#

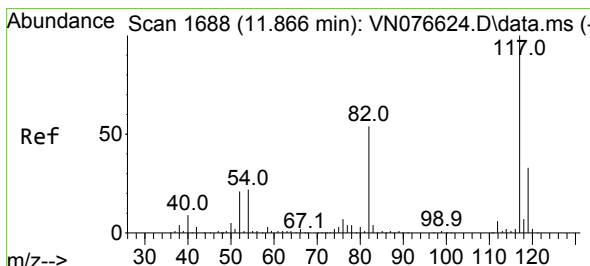
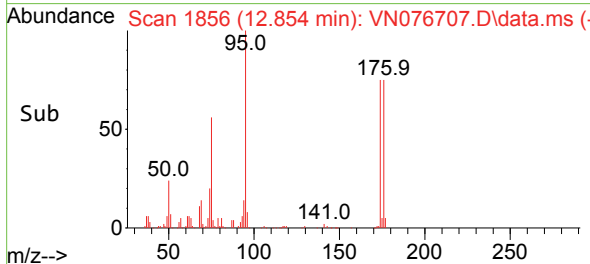
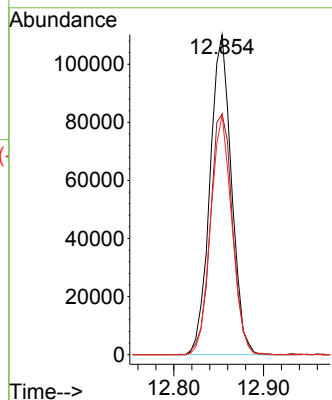
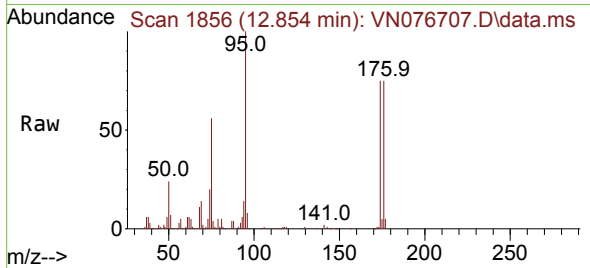




#62
4-Bromofluorobenzene
Concen: 44.472 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076707.D
Acq: 16 Feb 2023 13:27

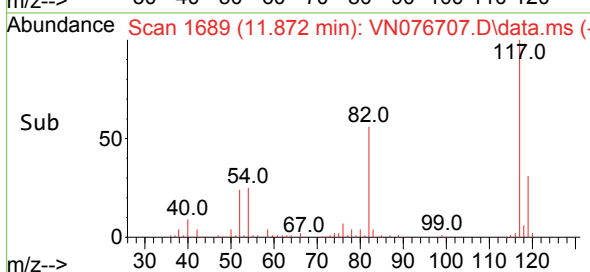
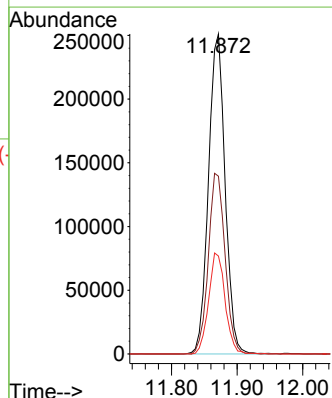
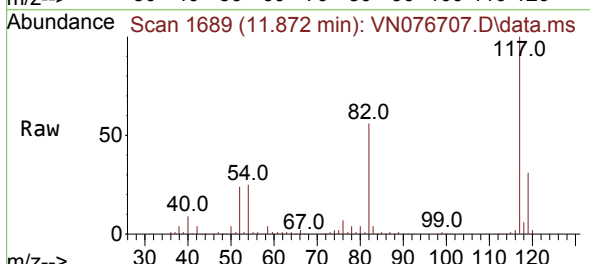
Instrument :
MSVOA_N
ClientSampleId :

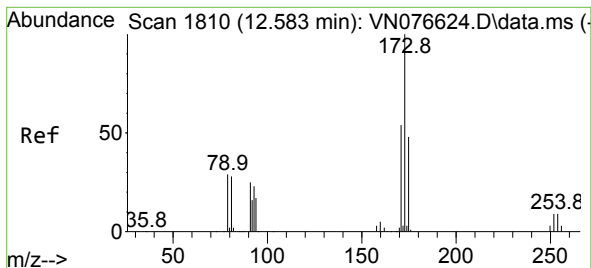
Tgt Ion: 95 Resp: 183164
Ion Ratio Lower Upper
95 100
174 78.0 0.0 169.2
176 74.2 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.872 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN076707.D
Acq: 16 Feb 2023 13:27

Tgt Ion: 117 Resp: 442720
Ion Ratio Lower Upper
117 100
82 55.5 43.4 65.2
119 30.6 26.1 39.1





#71

Bromoform

Concen: 0.960 ug/l

RT: 12.842 min Scan# 1854

Delta R.T. 0.259 min

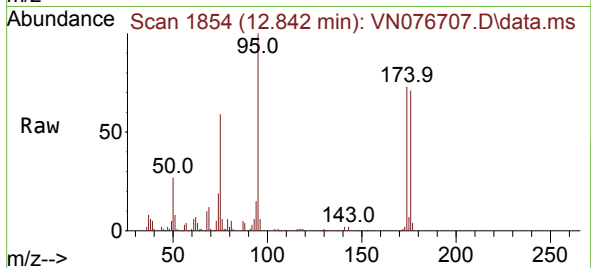
Lab File: VN076707.D

Acq: 16 Feb 2023 13:27

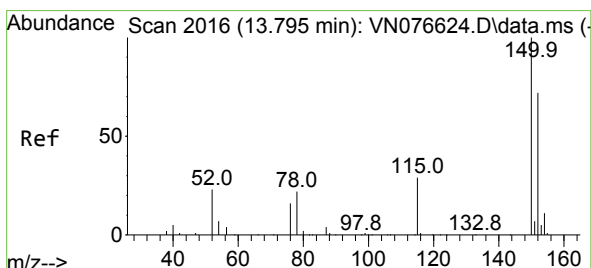
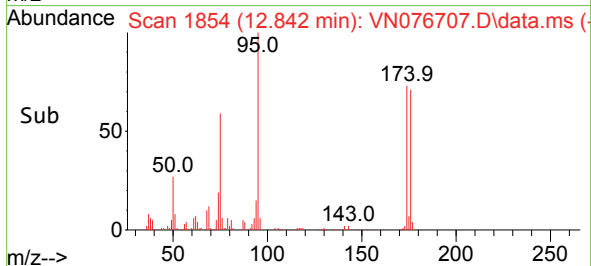
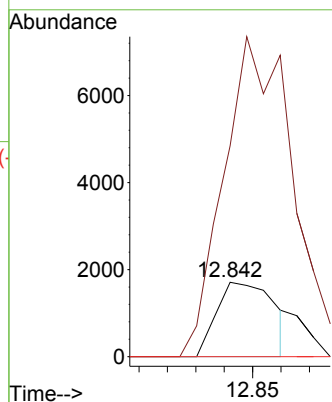
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	173	Resp:	2399
Ion Ratio	Lower	Upper	
173	100		
175	323.6	24.9	74.7#
254	0.0	0.1	0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

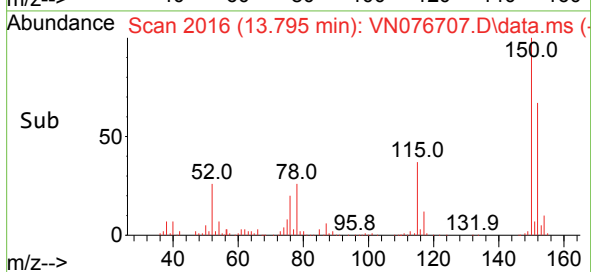
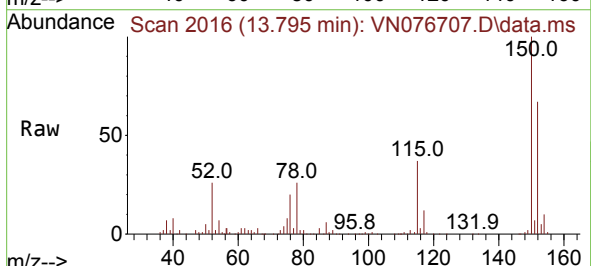
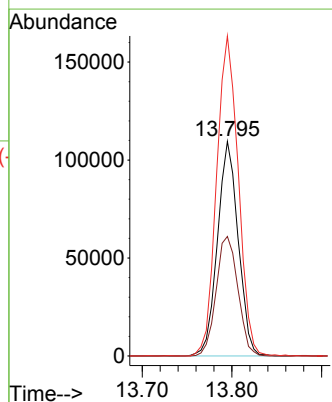
RT: 13.795 min Scan# 2016

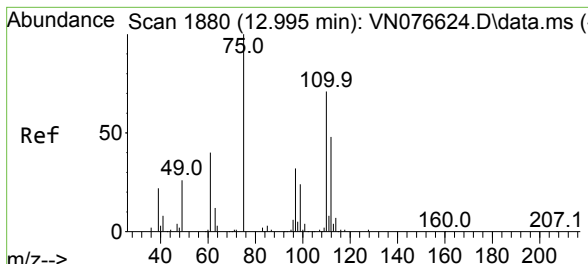
Delta R.T. -0.000 min

Lab File: VN076707.D

Acq: 16 Feb 2023 13:27

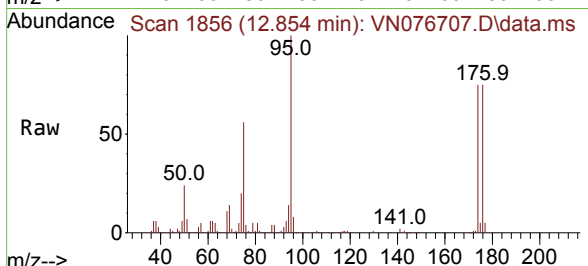
Tgt Ion:	152	Resp:	175883
Ion Ratio	Lower	Upper	
152	100		
115	58.4	29.3	87.9
150	155.8	0.0	349.8



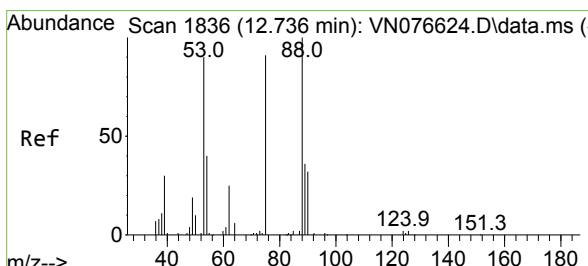
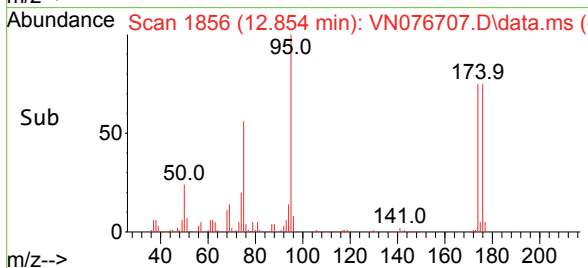
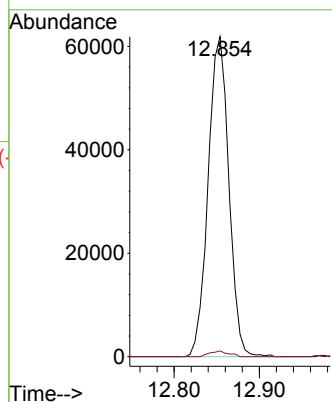


#76
1,2,3-Trichloropropane
Concen: 29.442 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.141 min
Lab File: VN076707.D
Acq: 16 Feb 2023 13:27

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 104692
Ion Ratio Lower Upper
75 100
77 1.6 93.1 279.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.752 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.118 min
Lab File: VN076707.D
Acq: 16 Feb 2023 13:27

Tgt Ion: 75 Resp: 104692
Ion Ratio Lower Upper
75 100
53 0.0 92.1 138.1#
89 0.0 37.5 56.3#

