

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120423\
 Data File : VN080338.D
 Acq On : 04 Dec 2023 15:10
 Operator : JC\MD
 Sample : 05611-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 05 04:16:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

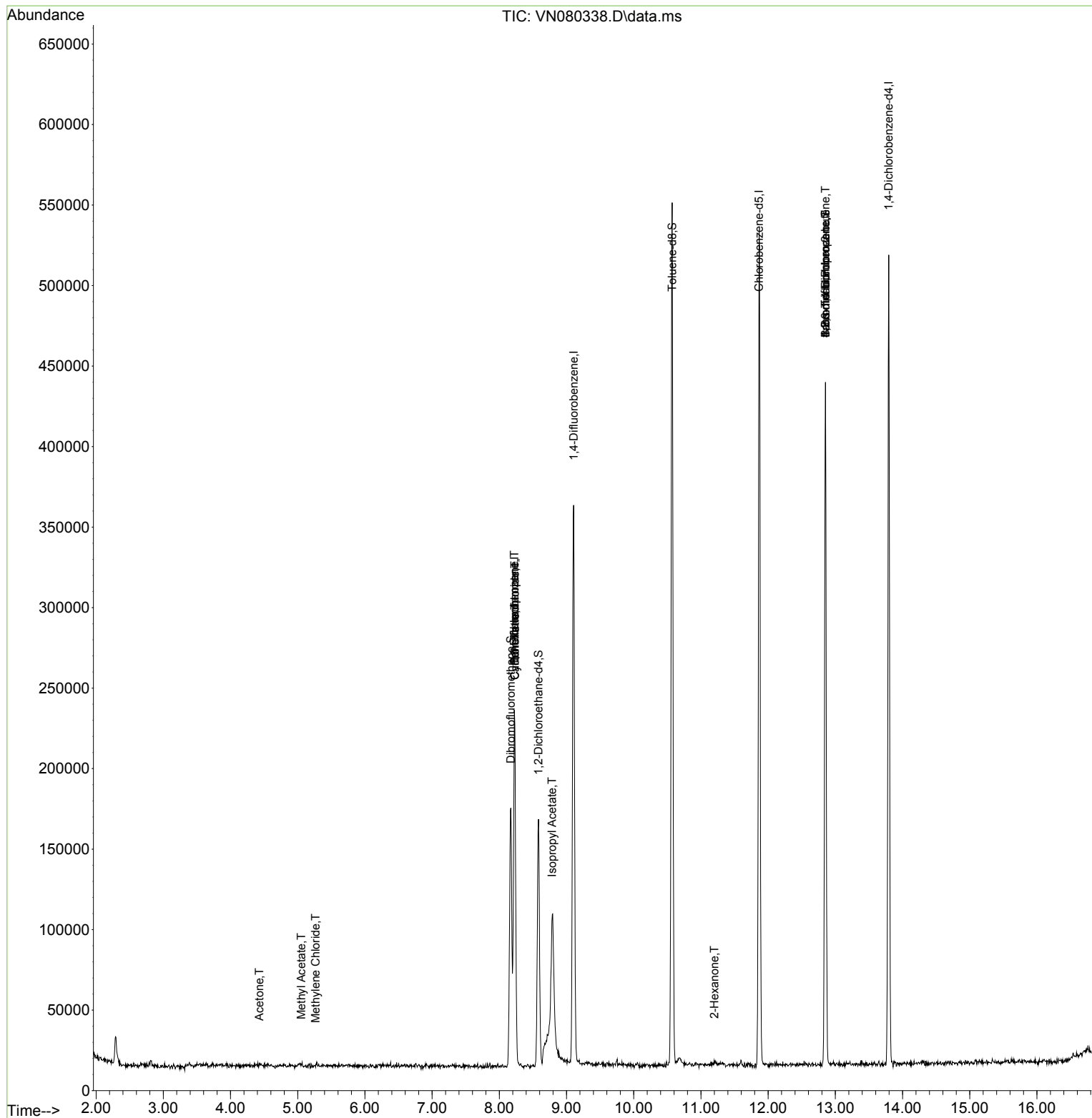
Internal Standards						
1) Pentafluorobenzene	8.224	168	151680	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	292107	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	297727	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	130890	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	141511	56.503	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.000%			
35) Dibromofluoromethane	8.171	113	111165	51.576	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.160%			
50) Toluene-d8	10.571	98	373846	48.116	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.240%			
62) 4-Bromofluorobenzene	12.853	95	142850	48.676	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.360%			
Target Compounds						
					Qvalue	
6) Chloroethane	3.136	64	100	Below Cal	#	43
16) Acetone	4.430	43	1847	2.196	ug/l #	40
18) Methyl Acetate	5.053	43	2893	1.070	ug/l #	42
20) Methylene Chloride	5.265	84	421	0.239	ug/l #	85
31) Cyclohexane	8.230	56	3452	1.267	ug/l #	35
36) 1,1-Dichloropropene	8.224	75	12025	3.853	ug/l #	51
38) Carbon Tetrachloride	8.230	117	18013	4.549	ug/l #	15
43) Isopropyl Acetate	8.783	43	143670	34.109	ug/l #	51
59) 2-Hexanone	11.200	43	439	0.251	ug/l #	19
71) Bromoform	12.853	173	1100	0.567	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	81296	25.349	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	81296	85.645	ug/l #	15

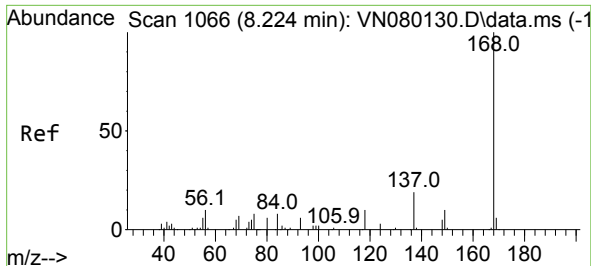
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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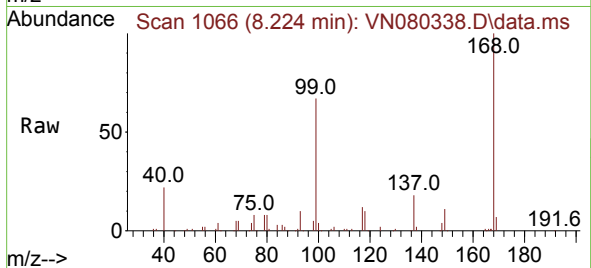
Quant Time: Dec 05 04:16:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 17 01:19:32 2023
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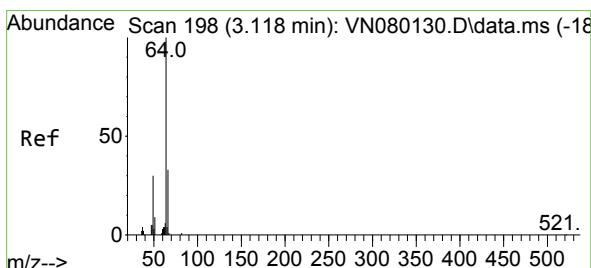
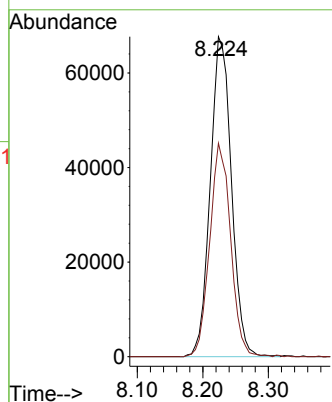
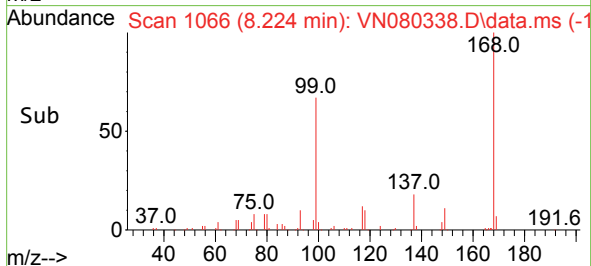


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080338.D
Acq: 04 Dec 2023 15:10

Instrument :
MSVOA_N
ClientSampleId :

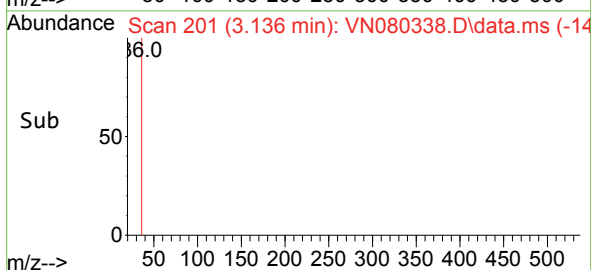
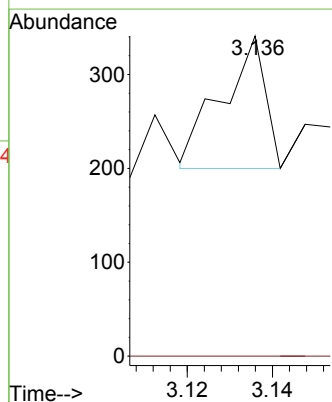
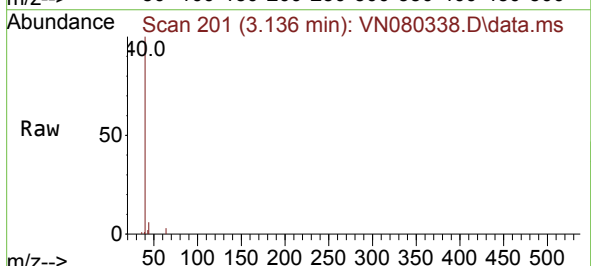


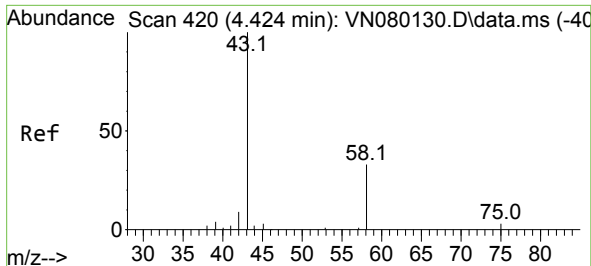
Tgt Ion:168 Resp: 151680
Ion Ratio Lower Upper
168 100
99 66.7 53.0 79.6



#6
Chloroethane
Concen: Below Cal
RT: 3.136 min Scan# 201
Delta R.T. 0.018 min
Lab File: VN080338.D
Acq: 04 Dec 2023 15:10

Tgt Ion: 64 Resp: 100
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#

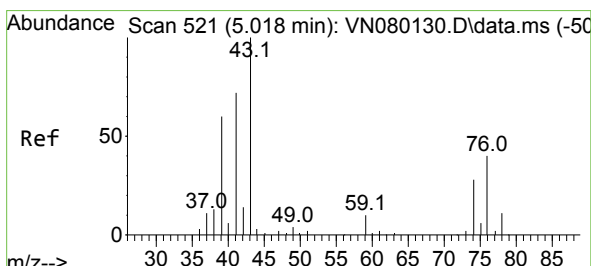
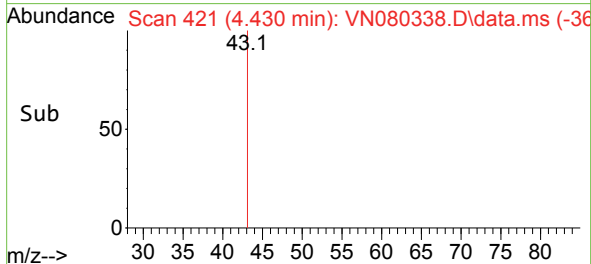
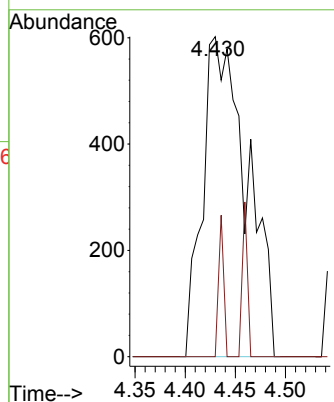
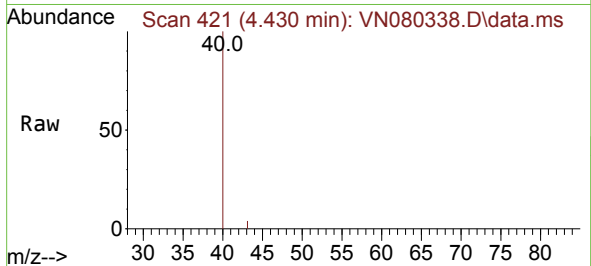




#16
Acetone
Concen: 2.196 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN080338.D
Acq: 04 Dec 2023 15:10

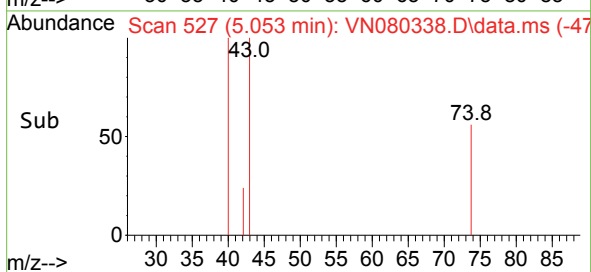
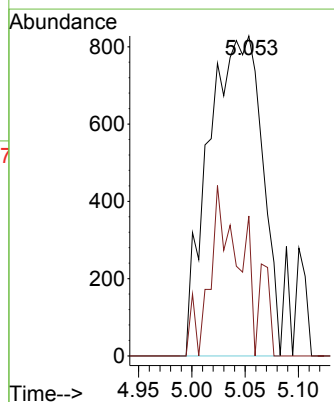
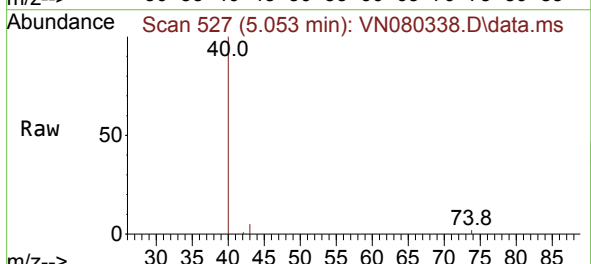
Instrument :
MSVOA_N
ClientSampleId :

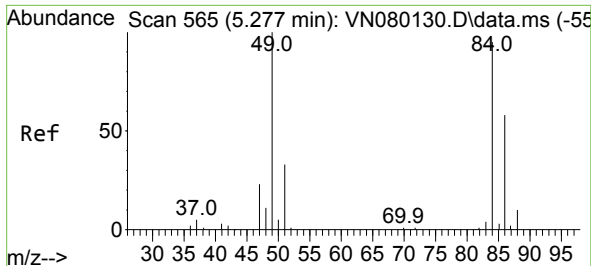
Tgt Ion: 43 Resp: 1847
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



#18
Methyl Acetate
Concen: 1.070 ug/l
RT: 5.053 min Scan# 527
Delta R.T. 0.035 min
Lab File: VN080338.D
Acq: 04 Dec 2023 15:10

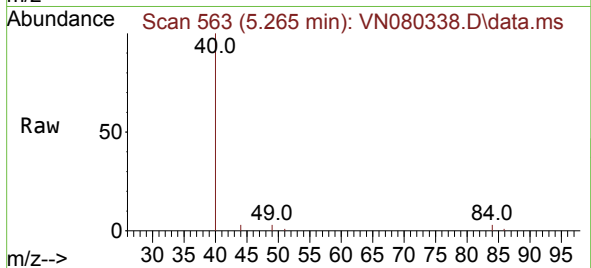
Tgt Ion: 43 Resp: 2893
Ion Ratio Lower Upper
43 100
74 0.0 26.2 39.4#





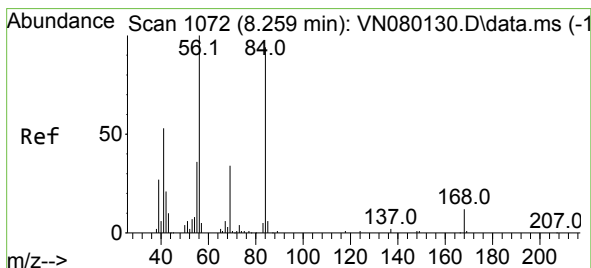
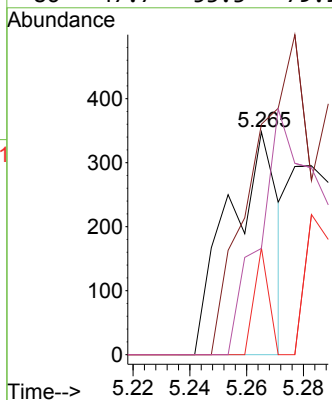
#20
Methylene Chloride
Concen: 0.239 ug/l
RT: 5.265 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN080338.D
Acq: 04 Dec 2023 15:10

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 421

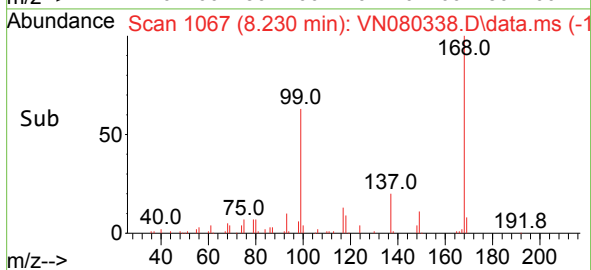
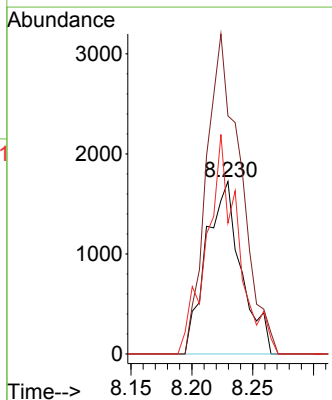
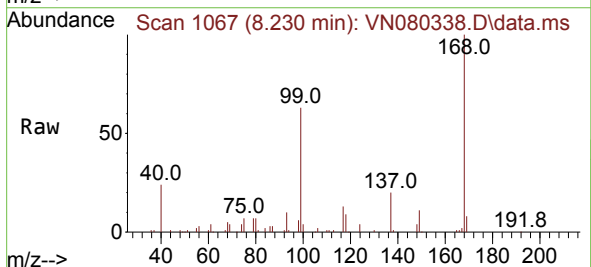
Ion	Ratio	Lower	Upper
84	100		
49	103.4	79.7	119.5
51	48.0	25.2	37.8#
86	47.7	53.3	79.9#

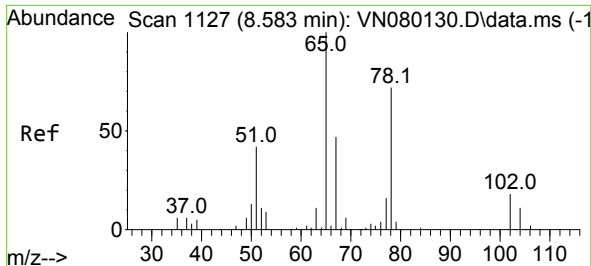


#31
Cyclohexane
Concen: 1.267 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN080338.D
Acq: 04 Dec 2023 15:10

Tgt Ion: 56 Resp: 3452

Ion	Ratio	Lower	Upper
56	100		
69	138.1	26.8	40.2#
84	75.9	81.8	122.6#





#33

1,2-Dichloroethane-d4

Concen: 56.503 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN080338.D

Acq: 04 Dec 2023 15:10

Instrument :

MSVOA_N

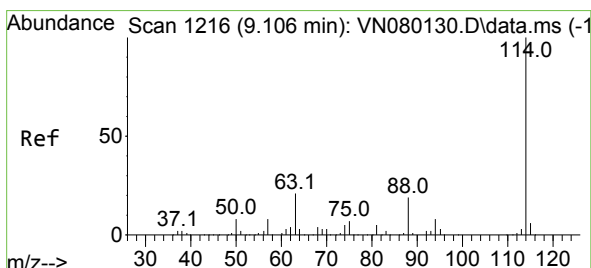
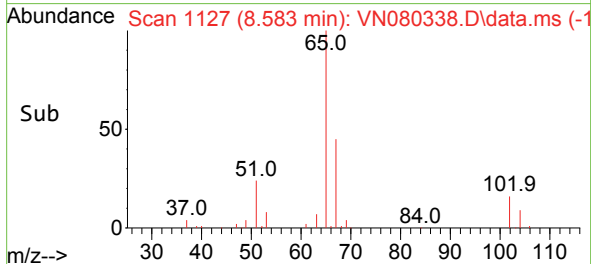
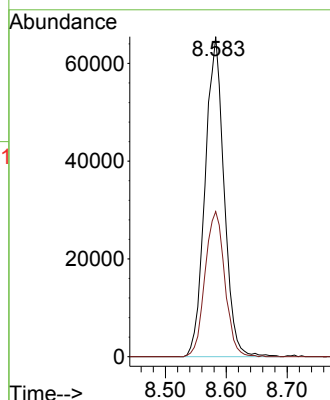
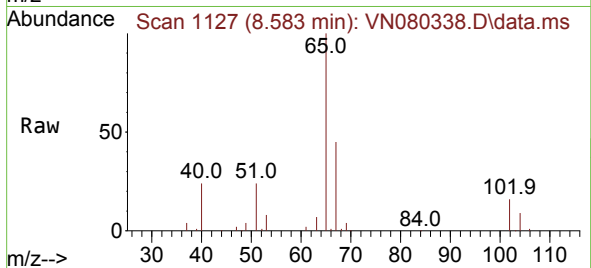
ClientSampleId :

Tgt Ion: 65 Resp: 141511

Ion Ratio Lower Upper

65 100

67 47.4 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN080338.D

Acq: 04 Dec 2023 15:10

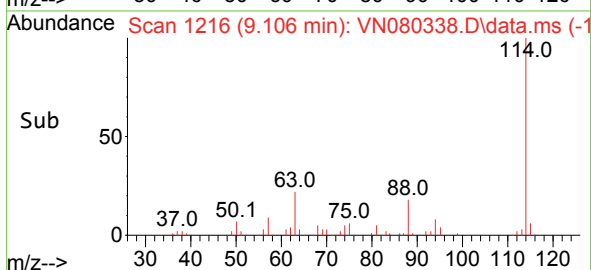
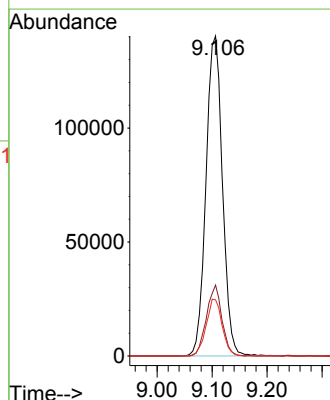
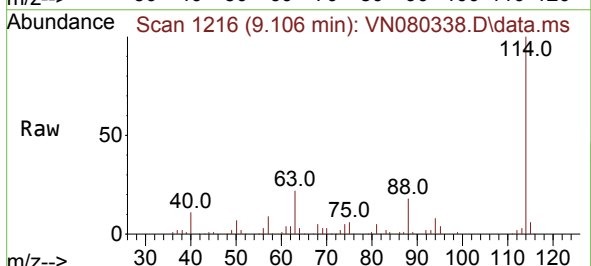
Tgt Ion: 114 Resp: 292107

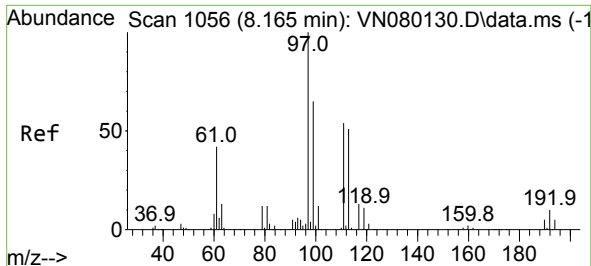
Ion Ratio Lower Upper

114 100

63 22.2 0.0 36.4

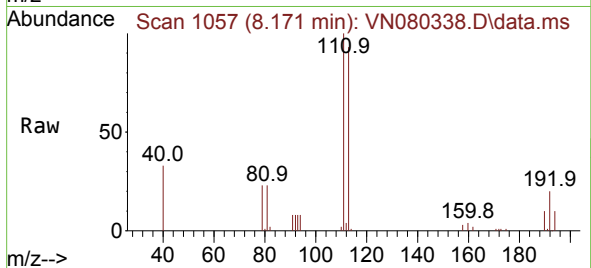
88 17.5 0.0 30.6



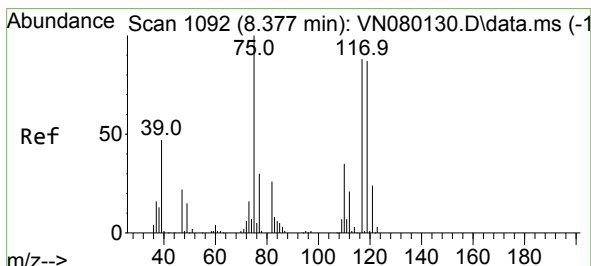
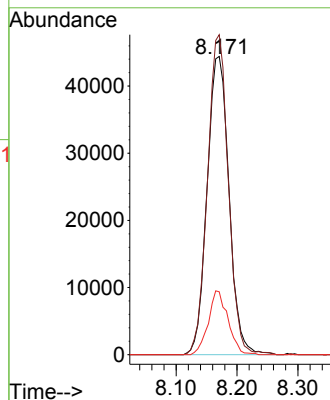
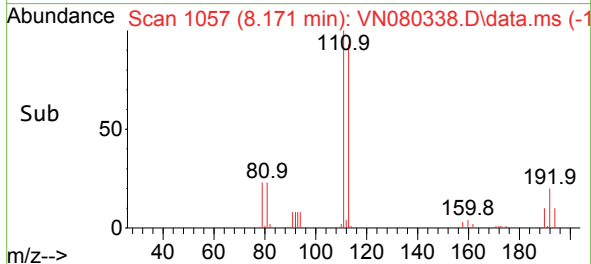


#35
Dibromofluoromethane
Concen: 51.576 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN080338.D
Acq: 04 Dec 2023 15:10

Instrument :
MSVOA_N
ClientSampleId :

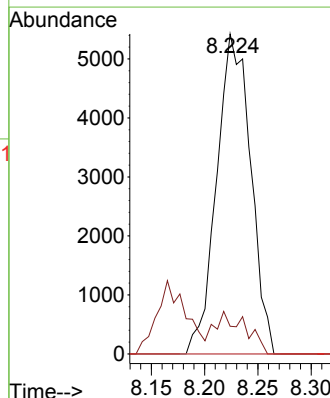
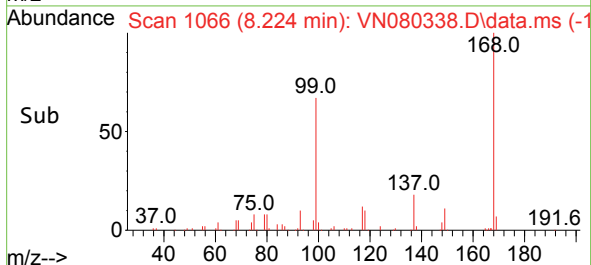
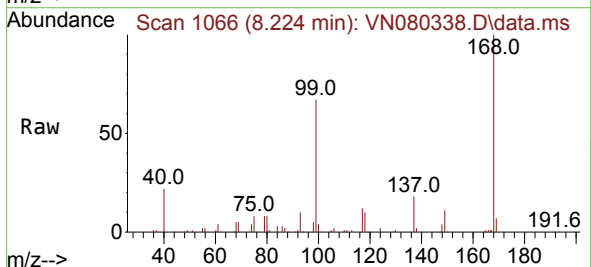


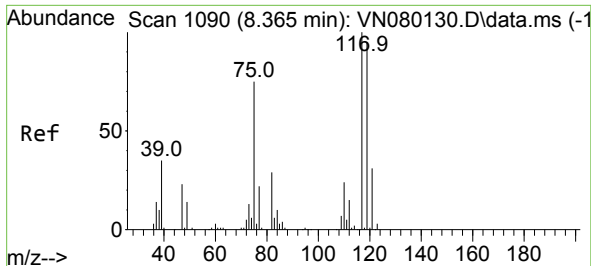
Tgt Ion:113 Resp: 111165
Ion Ratio Lower Upper
113 100
111 102.1 82.6 123.8
192 19.3 12.7 19.1#



#36
1,1-Dichloropropene
Concen: 3.853 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.153 min
Lab File: VN080338.D
Acq: 04 Dec 2023 15:10

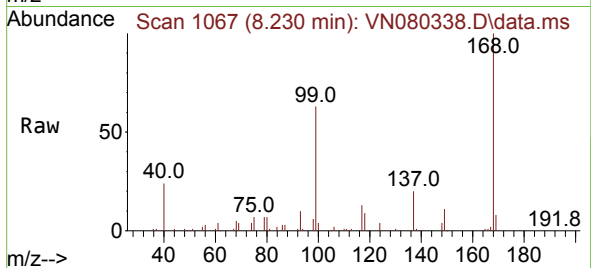
Tgt Ion: 75 Resp: 12025
Ion Ratio Lower Upper
75 100
110 12.0 19.1 57.3#
77 0.0 25.0 37.4#



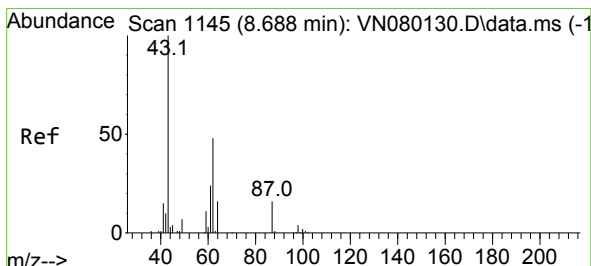
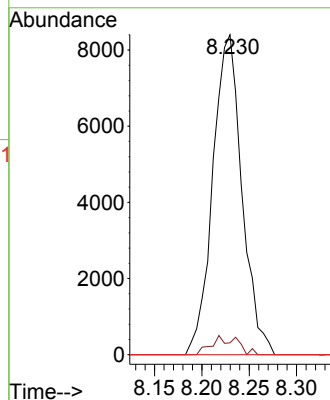
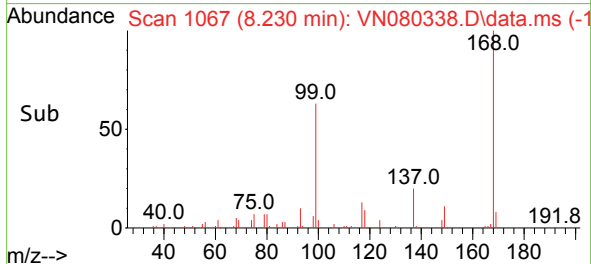


#38
Carbon Tetrachloride
Concen: 4.549 ug/l
RT: 8.230 min Scan# 1106
Delta R.T. -0.135 min
Lab File: VN080338.D
Acq: 04 Dec 2023 15:10

Instrument :
MSVOA_N
ClientSampleId :

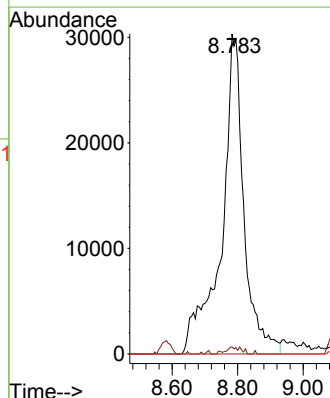
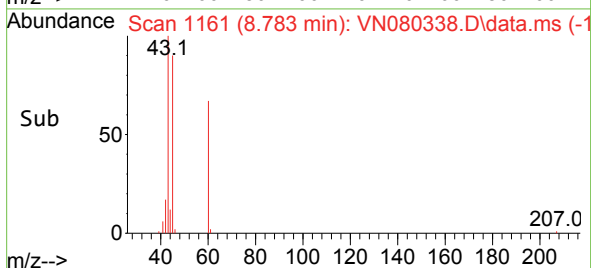
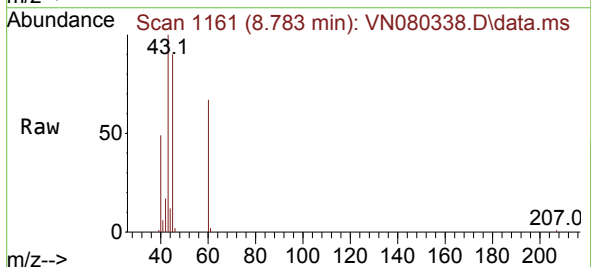


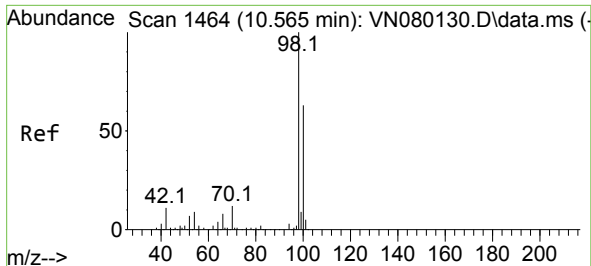
Tgt Ion:117 Resp: 18013
Ion Ratio Lower Upper
117 100
119 3.7 77.3 115.9#
121 0.0 23.3 34.9#



#43
Isopropyl Acetate
Concen: 34.109 ug/l
RT: 8.783 min Scan# 1161
Delta R.T. 0.094 min
Lab File: VN080338.D
Acq: 04 Dec 2023 15:10

Tgt Ion: 43 Resp: 143670
Ion Ratio Lower Upper
43 100
61 1.3 24.7 37.1#
87 0.0 14.6 21.8#

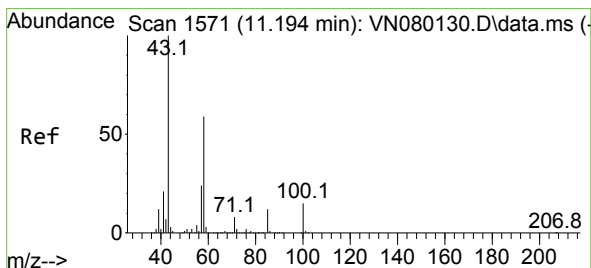
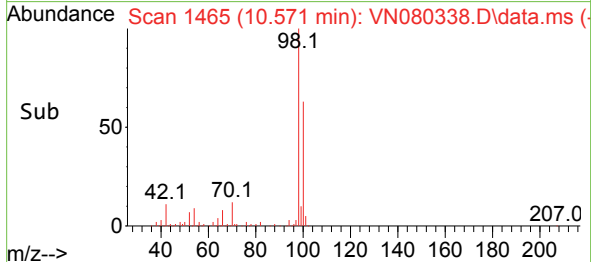
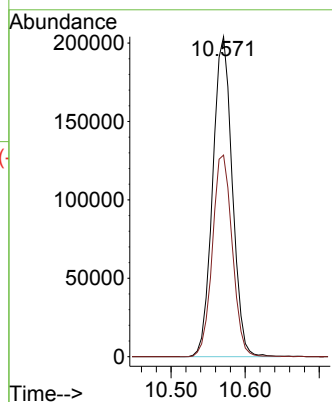
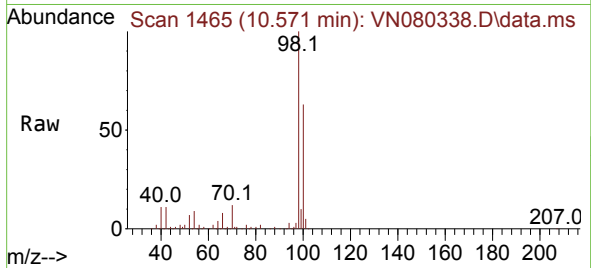




#50
Toluene-d8
Concen: 48.116 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080338.D
Acq: 04 Dec 2023 15:10

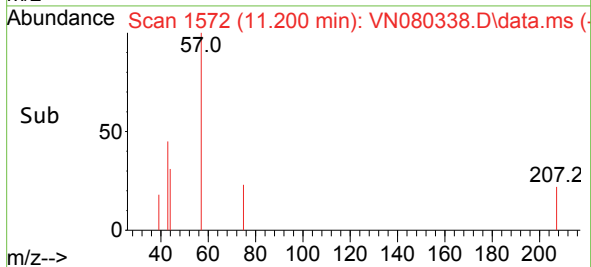
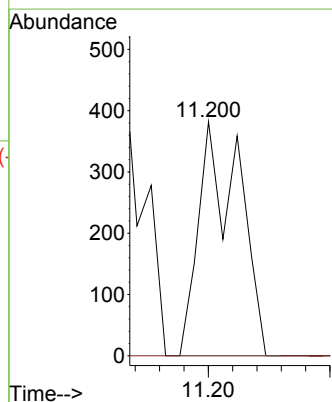
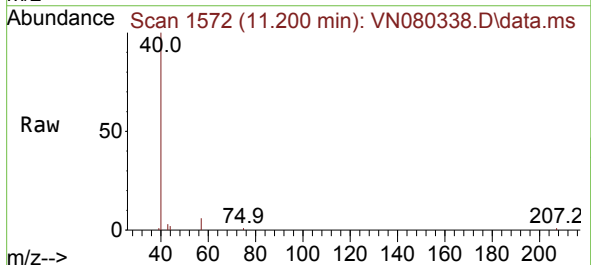
Instrument :
MSVOA_N
ClientSampleId :

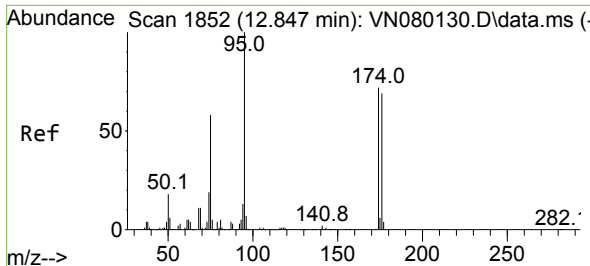
Tgt Ion: 98 Resp: 373846
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0



#59
2-Hexanone
Concen: 0.251 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN080338.D
Acq: 04 Dec 2023 15:10

Tgt Ion: 43 Resp: 439
Ion Ratio Lower Upper
43 100
58 0.0 31.7 95.1#

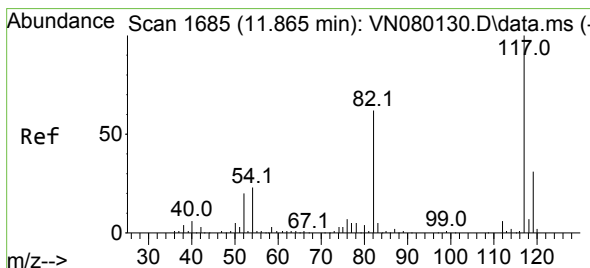
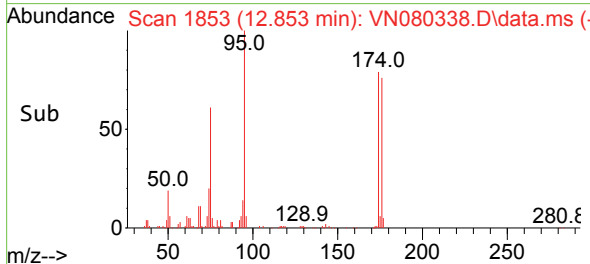
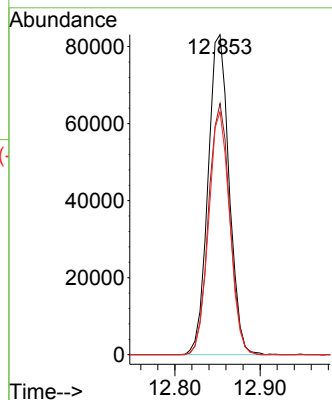
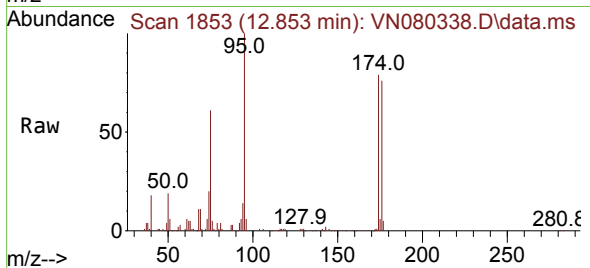




#62
4-Bromofluorobenzene
Concen: 48.676 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080338.D
Acq: 04 Dec 2023 15:10

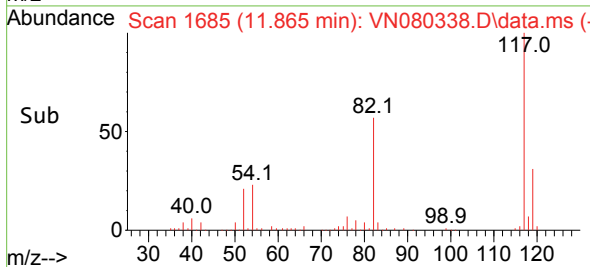
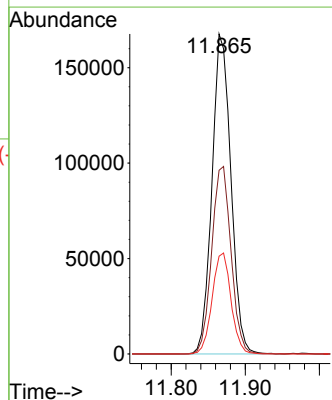
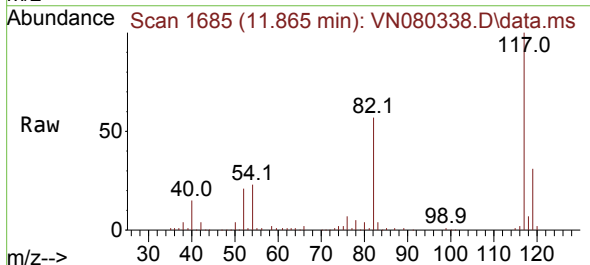
Instrument :
MSVOA_N
ClientSampleId :

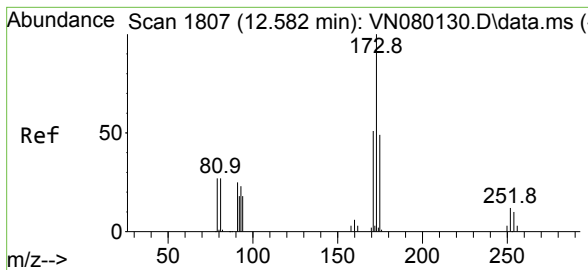
Tgt Ion: 95 Resp: 142850
Ion Ratio Lower Upper
95 100
174 79.1 0.0 143.8
176 75.5 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN080338.D
Acq: 04 Dec 2023 15:10

Tgt Ion: 117 Resp: 297727
Ion Ratio Lower Upper
117 100
82 57.4 44.0 66.0
119 30.5 25.6 38.4





#71

Bromoform

Concen: 0.567 ug/l

RT: 12.853 min Scan# 11

Delta R.T. 0.271 min

Lab File: VN080338.D

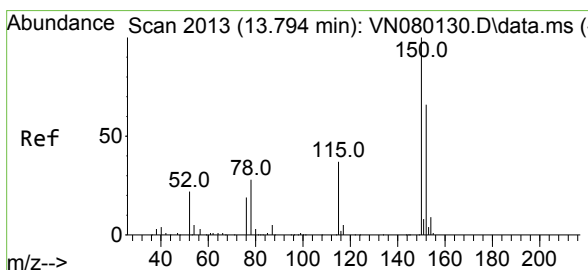
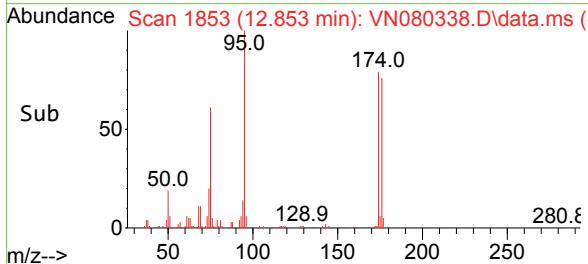
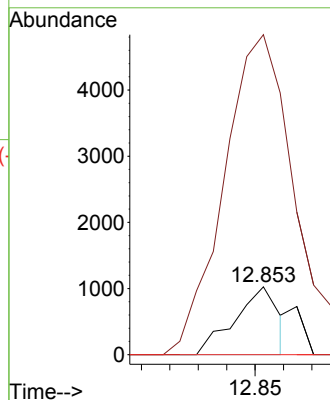
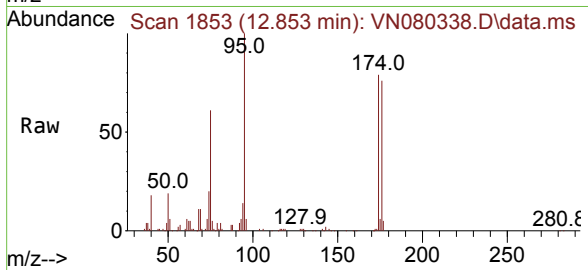
Acq: 04 Dec 2023 15:10

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:173 Resp: 1100
 Ion Ratio Lower Upper
 173 100
 175 618.9 24.3 73.0#
 254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

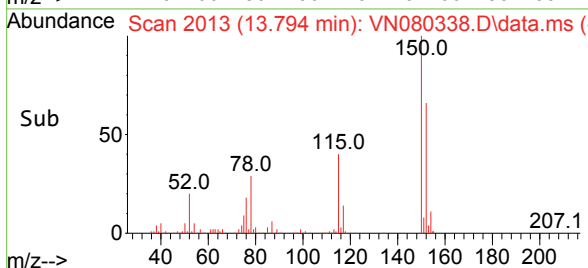
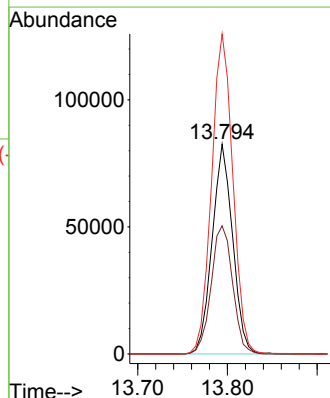
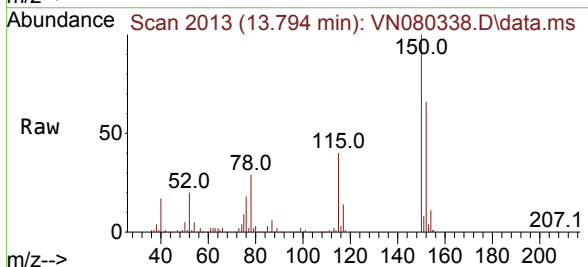
RT: 13.794 min Scan# 2013

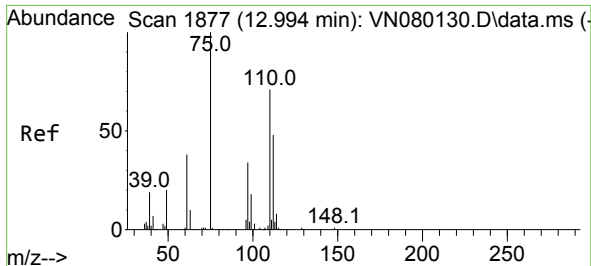
Delta R.T. 0.000 min

Lab File: VN080338.D

Acq: 04 Dec 2023 15:10

Tgt Ion:152 Resp: 130890
 Ion Ratio Lower Upper
 152 100
 115 64.0 32.3 96.8
 150 158.4 0.0 355.8

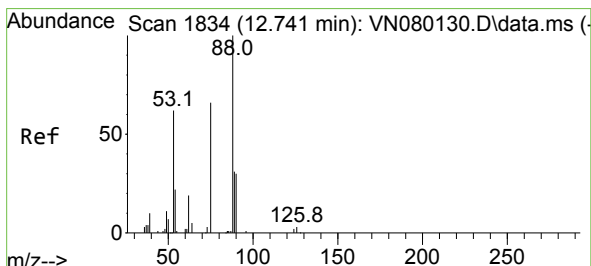
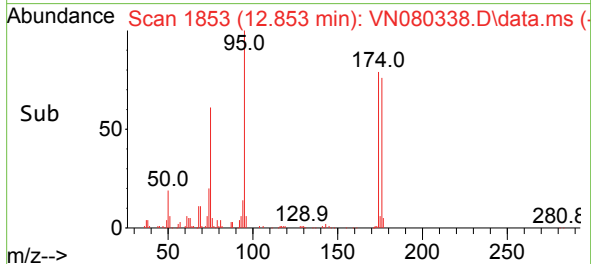
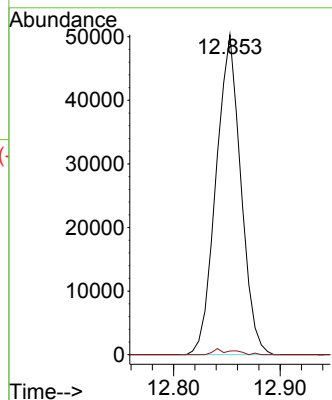
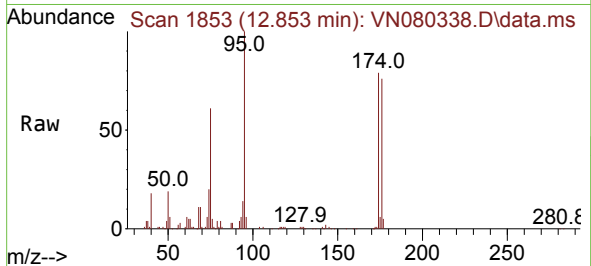




#76
1,2,3-Trichloropropane
Concen: 25.349 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN080338.D
Acq: 04 Dec 2023 15:10

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 81296
Ion Ratio Lower Upper
75 100
77 1.5 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.645 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN080338.D
Acq: 04 Dec 2023 15:10

Tgt Ion: 75 Resp: 81296
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#

