

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022724\
 Data File : VN081226.D
 Acq On : 27 Feb 2024 18:00
 Operator : JC\MD
 Sample : P1590-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT158S1-20240222

Quant Time: Feb 28 04:22:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

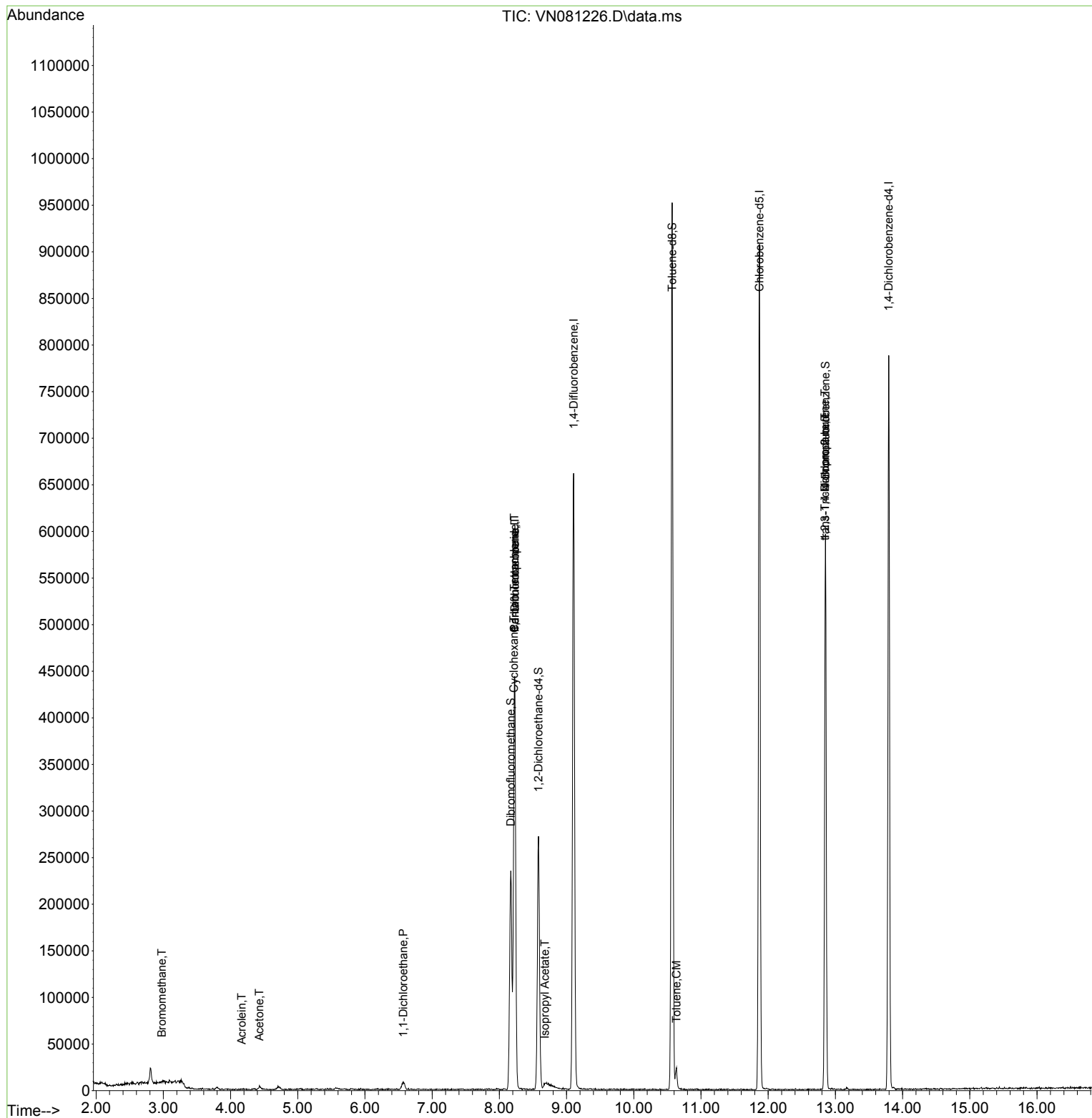
Internal Standards						
1) Pentafluorobenzene	8.229	168	307864	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	570630	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	509779	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	198349	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	212306	56.262	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.520%			
35) Dibromofluoromethane	8.171	113	167860	52.022	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.040%			
50) Toluene-d8	10.571	98	639906	55.836	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 111.680%			
62) 4-Bromofluorobenzene	12.853	95	204402	47.466	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.940%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	869	Below Cal	#	43
5) Bromomethane	2.977	94	633	0.202	ug/l #	55
6) Chloroethane	3.142	64	182	Below Cal	#	42
13) Acrolein	4.165	56	96	0.258	ug/l #	1
16) Acetone	4.430	43	5015	3.378	ug/l #	86
20) Methylene Chloride	5.277	84	230	Below Cal	#	36
24) 1,1-Dichloroethane	6.571	63	11430	1.687	ug/l #	85
31) Cyclohexane	8.218	56	8634	1.325	ug/l #	7
36) 1,1-Dichloropropene	8.229	75	27937	5.054	ug/l #	50
38) Carbon Tetrachloride	8.224	117	35889	6.417	ug/l #	23
43) Isopropyl Acetate	8.677	43	4618	0.529	ug/l #	57
49) 1,4-Dioxane	9.706	88	281	Below Cal	#	37
52) Toluene	10.635	92	8959	0.884	ug/l	93
76) 1,2,3-Trichloropropane	12.847	75	111756	24.798	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	111756	63.828	ug/l #	14

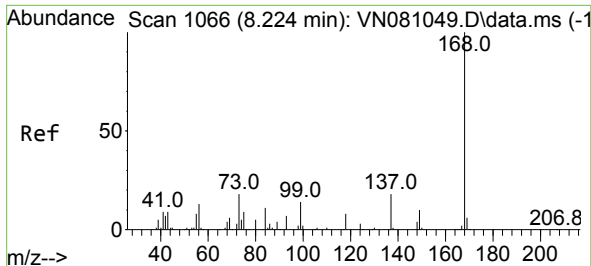
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022724\
Data File : VN081226.D
Acq On : 27 Feb 2024 18:00
Operator : JC\MD
Sample : P1590-05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TT158S1-20240222

Quant Time: Feb 28 04:22:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 16 23:45:20 2024
Response via : Initial Calibration

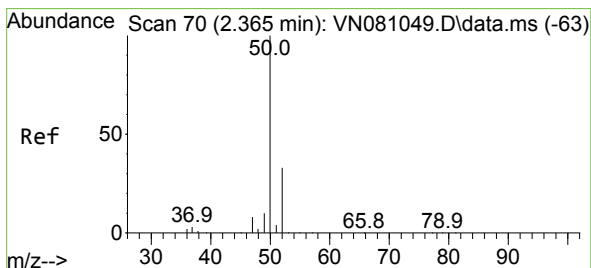
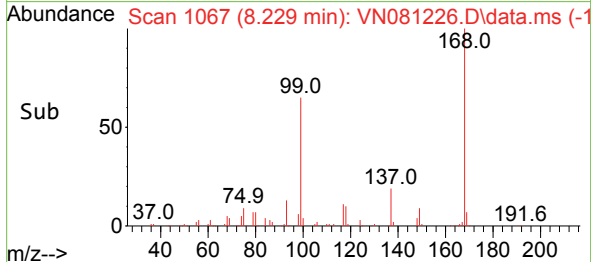
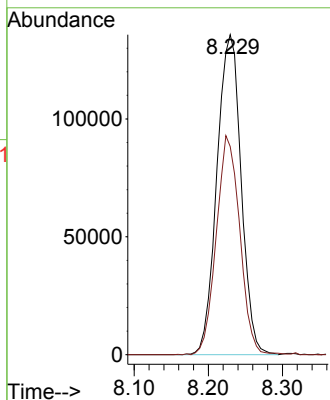
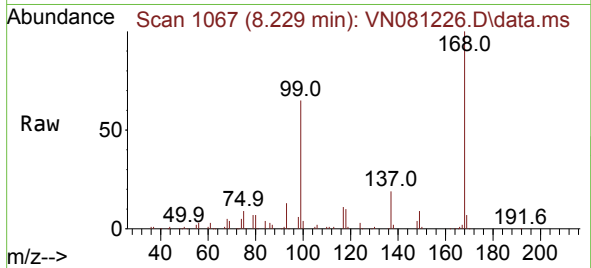




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN081226.D
Acq: 27 Feb 2024 18:00

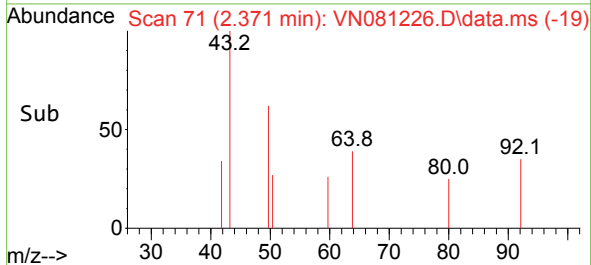
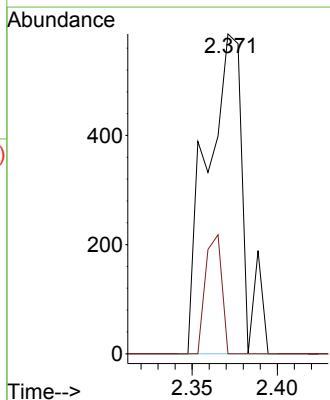
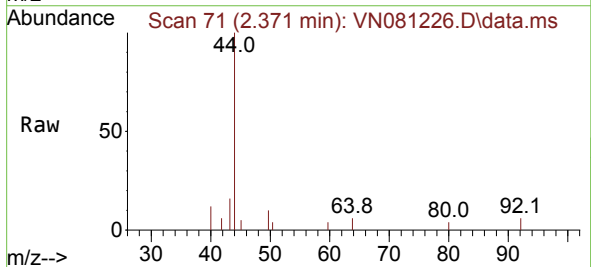
Instrument :
MSVOA_N
ClientSampleId :
TT158S1-20240222

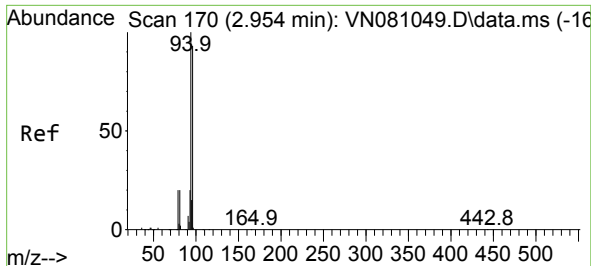
Tgt Ion:168 Resp: 307864
Ion Ratio Lower Upper
168 100
99 64.9 59.9 89.9



#3
Chloromethane
Concen: Below Cal
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN081226.D
Acq: 27 Feb 2024 18:00

Tgt Ion: 50 Resp: 869
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

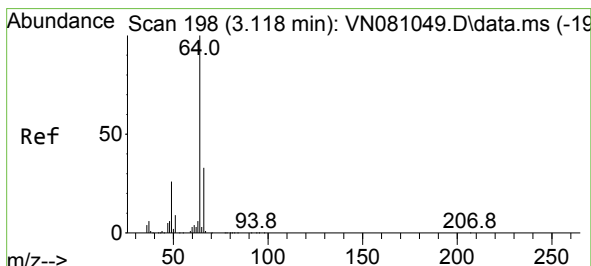
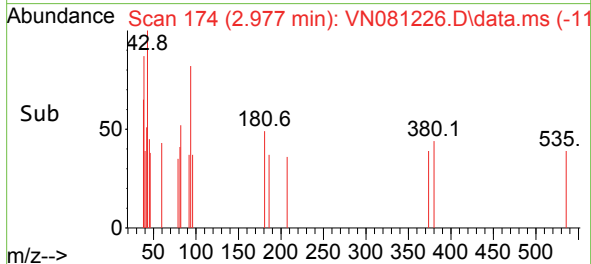
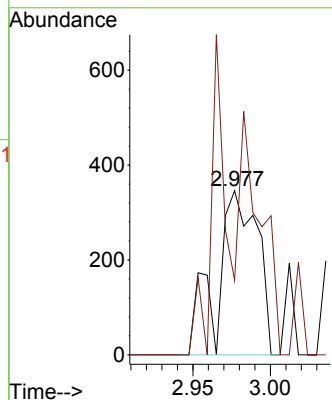
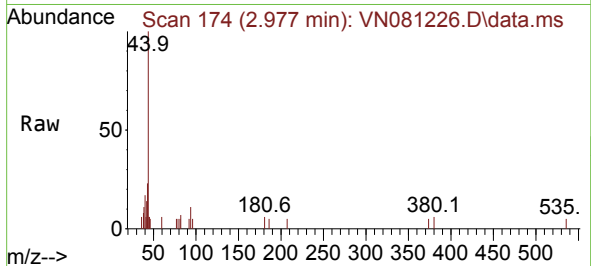




#5
Bromomethane
Concen: 0.202 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN081226.D
Acq: 27 Feb 2024 18:00

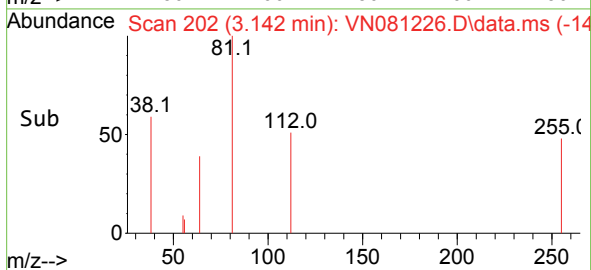
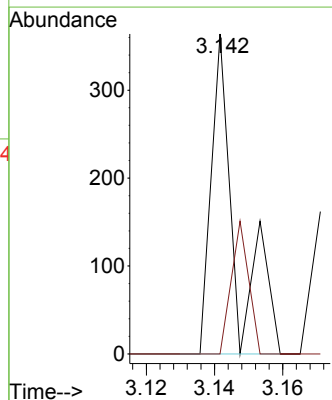
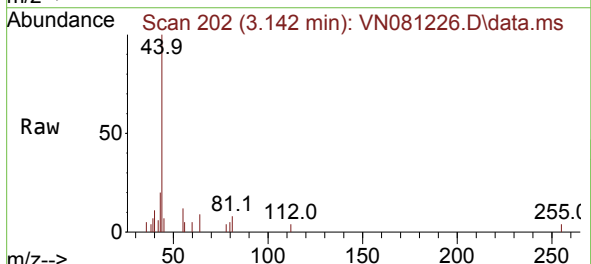
Instrument :
MSVOA_N
ClientSampleId :
TT158S1-20240222

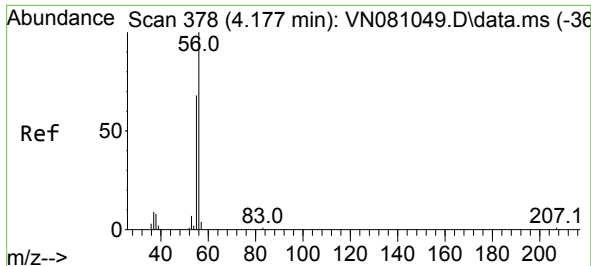
Tgt Ion: 94 Resp: 633
Ion Ratio Lower Upper
94 100
96 45.4 69.2 103.8#



#6
Chloroethane
Concen: Below Cal
RT: 3.142 min Scan# 202
Delta R.T. 0.024 min
Lab File: VN081226.D
Acq: 27 Feb 2024 18:00

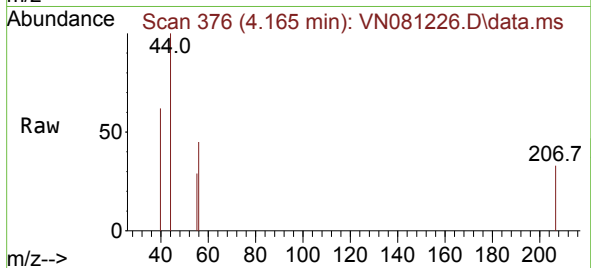
Tgt Ion: 64 Resp: 182
Ion Ratio Lower Upper
64 100
66 0.0 26.4 39.6#



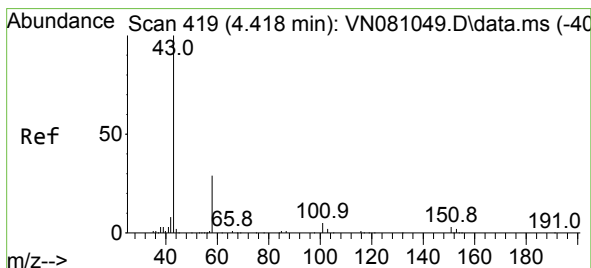
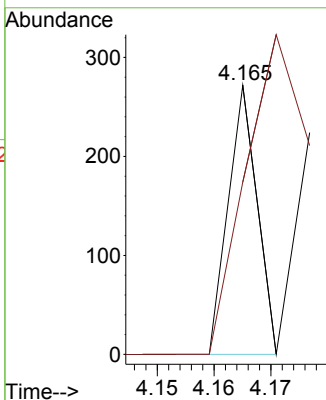
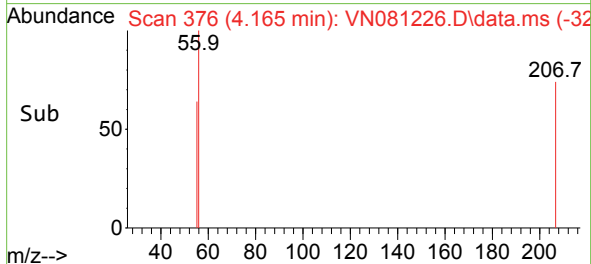


#13
Acrolein
Concen: 0.258 ug/l
RT: 4.165 min Scan# 31
Delta R.T. -0.012 min
Lab File: VN081226.D
Acq: 27 Feb 2024 18:00

Instrument :
MSVOA_N
ClientSampleId :
TT158S1-20240222

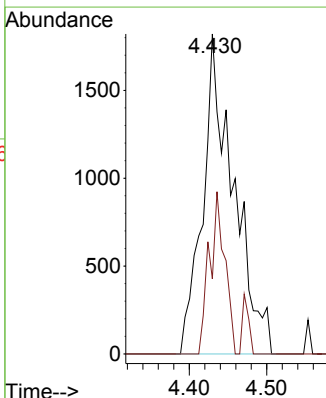
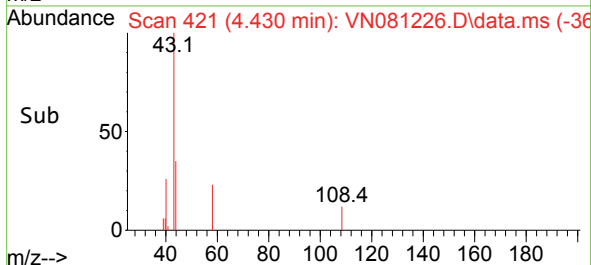
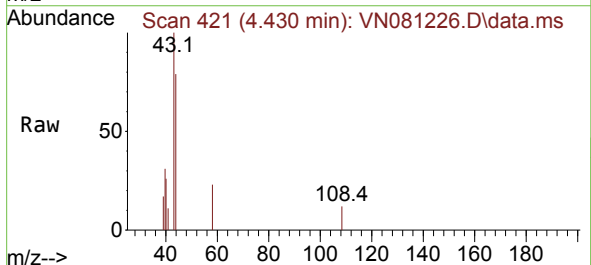


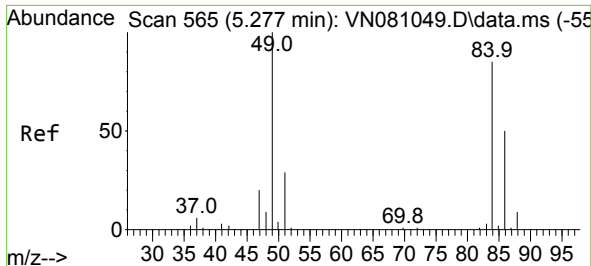
Tgt Ion: 56 Resp: 96
Ion Ratio Lower Upper
56 100
55 260.4 55.3 82.9#



#16
Acetone
Concen: 3.378 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN081226.D
Acq: 27 Feb 2024 18:00

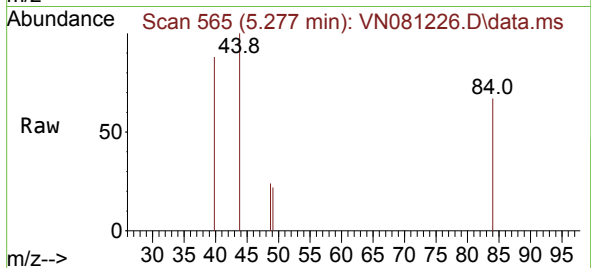
Tgt Ion: 43 Resp: 5015
Ion Ratio Lower Upper
43 100
58 23.4 24.8 37.2#





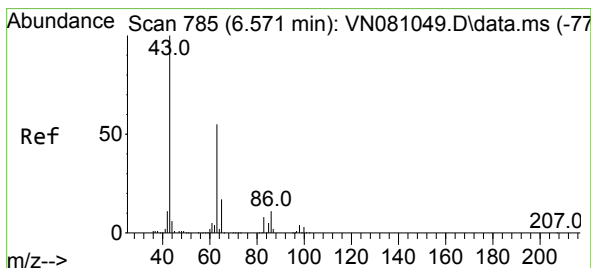
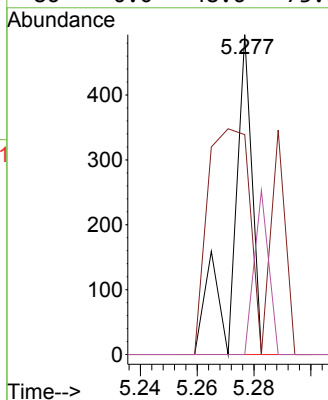
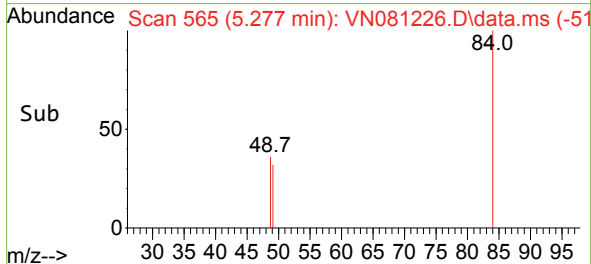
#20
Methylene Chloride
Concen: Below Cal
RT: 5.277 min Scan# 50
Delta R.T. -0.000 min
Lab File: VN081226.D
Acq: 27 Feb 2024 18:00

Instrument :
MSVOA_N
ClientSampleId :
TT158S1-20240222

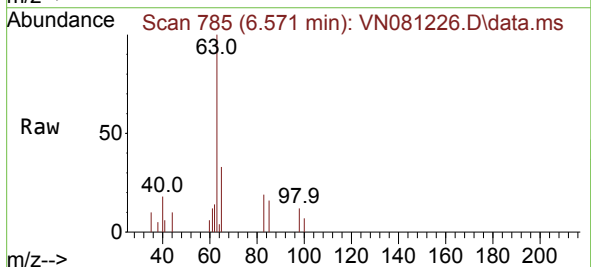


Tgt Ion: 84 Resp: 230

Ion	Ratio	Lower	Upper
84	100		
49	68.8	108.1	162.1#
51	0.0	32.9	49.3#
86	0.0	48.6	73.0#

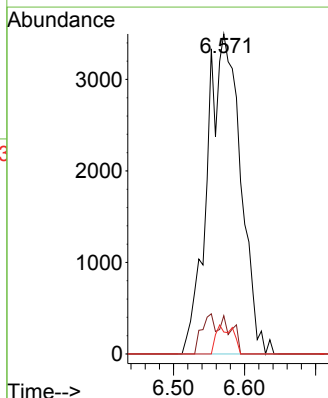
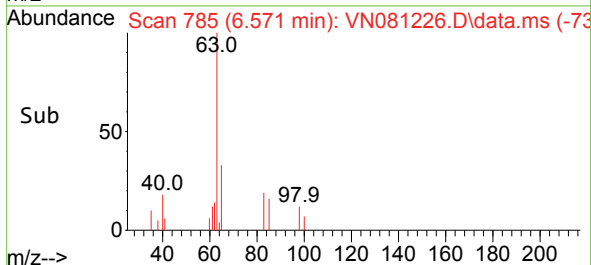


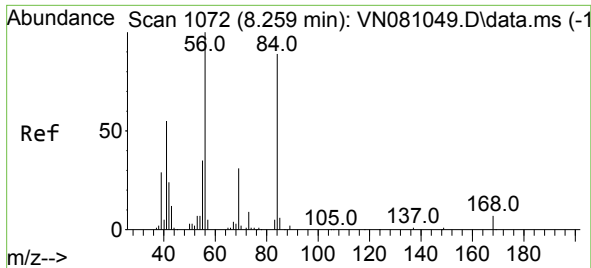
#24
1,1-Dichloroethane
Concen: 1.687 ug/l
RT: 6.571 min Scan# 785
Delta R.T. -0.000 min
Lab File: VN081226.D
Acq: 27 Feb 2024 18:00



Tgt Ion: 63 Resp: 11430

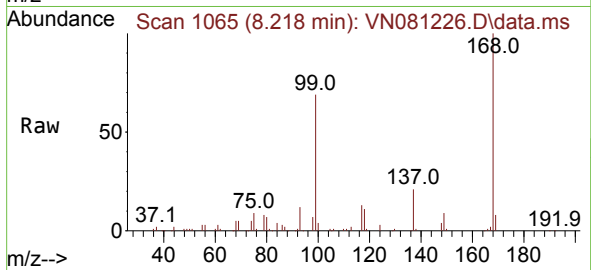
Ion	Ratio	Lower	Upper
63	100		
98	11.9	2.9	8.6#
100	6.9	1.9	5.7#



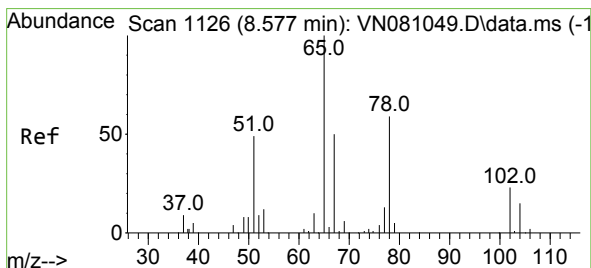
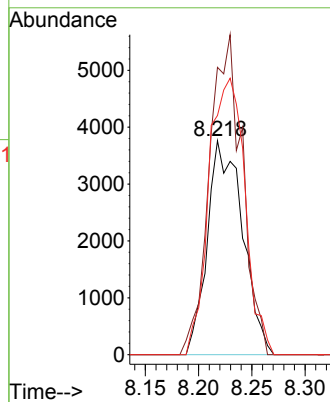
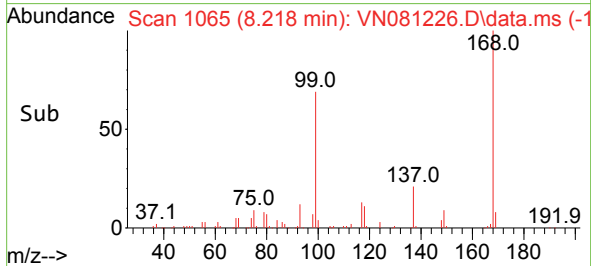


#31
Cyclohexane
Concen: 1.325 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN081226.D
Acq: 27 Feb 2024 18:00

Instrument :
MSVOA_N
ClientSampleId :
TT158S1-20240222

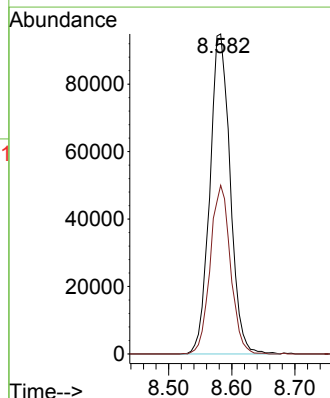
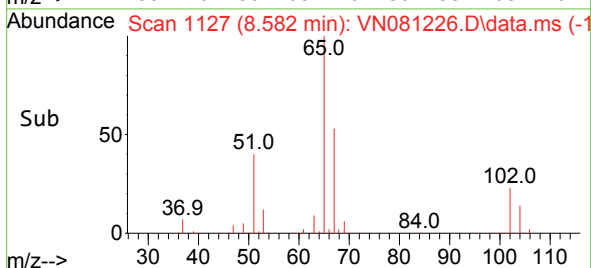
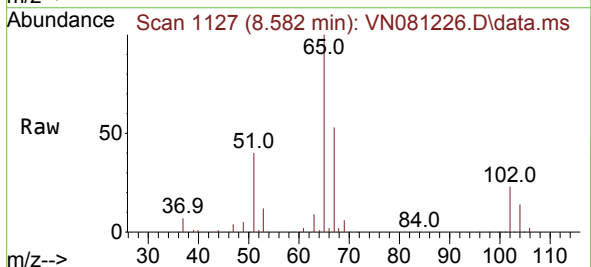


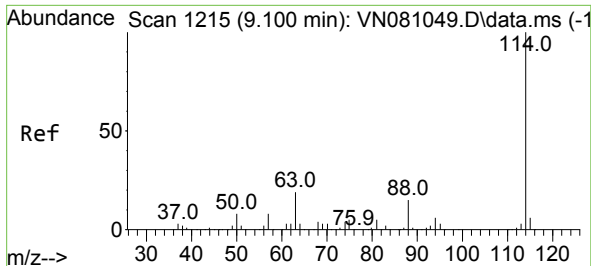
Tgt Ion: 56 Resp: 8634
Ion Ratio Lower Upper
56 100
69 134.3 20.1 30.1#
84 111.7 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 56.262 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081226.D
Acq: 27 Feb 2024 18:00

Tgt Ion: 65 Resp: 212306
Ion Ratio Lower Upper
65 100
67 52.4 0.0 102.4

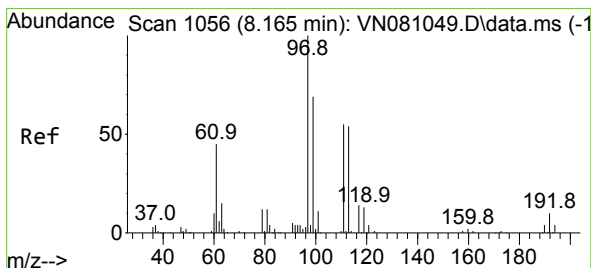
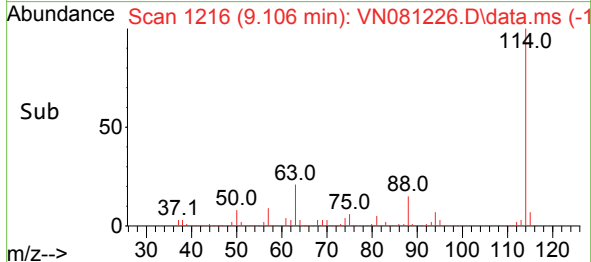
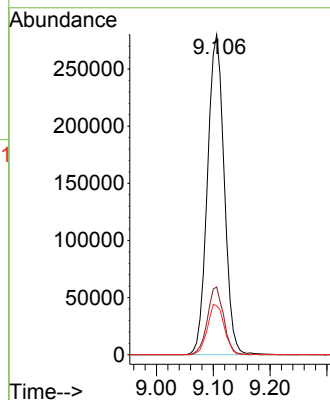
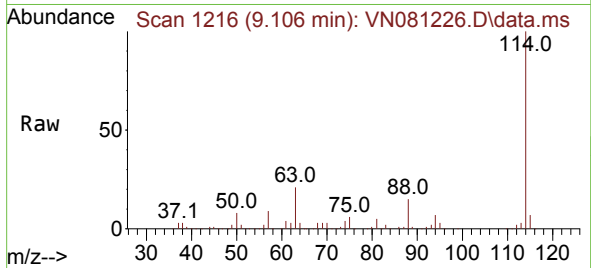




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081226.D
Acq: 27 Feb 2024 18:00

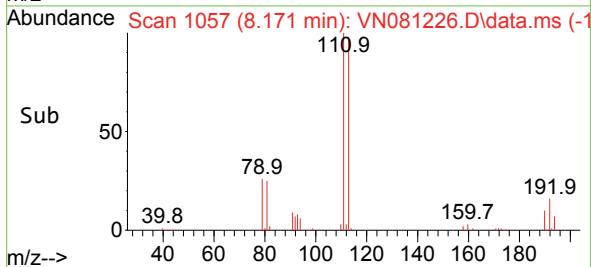
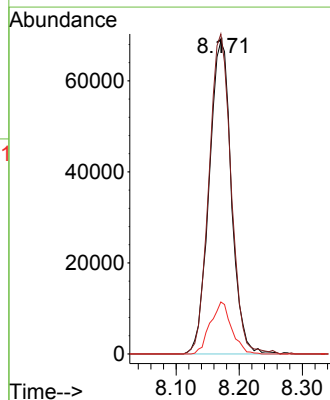
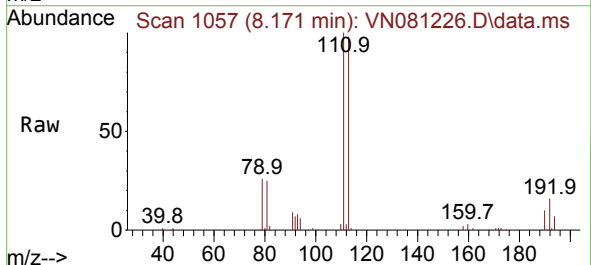
Instrument :
MSVOA_N
ClientSampleId :
TT158S1-20240222

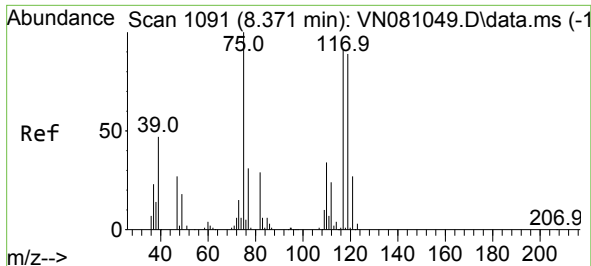
Tgt Ion:114 Resp: 570630
Ion Ratio Lower Upper
114 100
63 21.1 0.0 48.0
88 15.3 0.0 34.8



#35
Dibromofluoromethane
Concen: 52.022 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081226.D
Acq: 27 Feb 2024 18:00

Tgt Ion:113 Resp: 167860
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.4
192 15.9 12.5 18.7

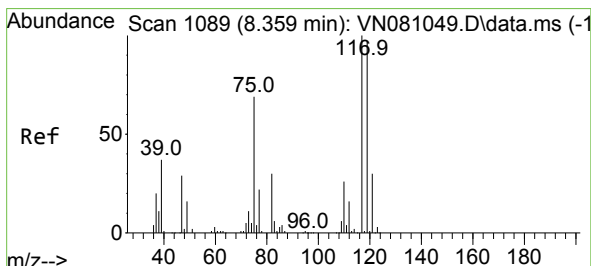
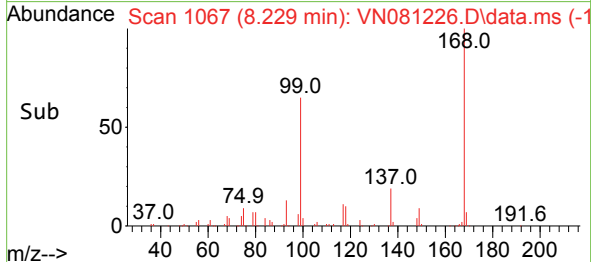
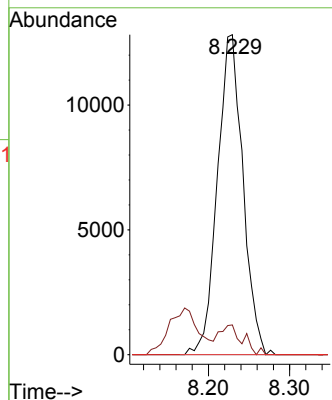
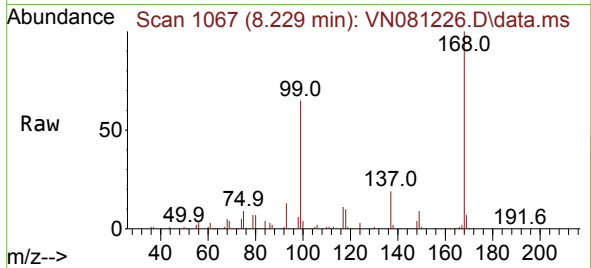




#36
1,1-Dichloropropene
Concen: 5.054 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN081226.D
Acq: 27 Feb 2024 18:00

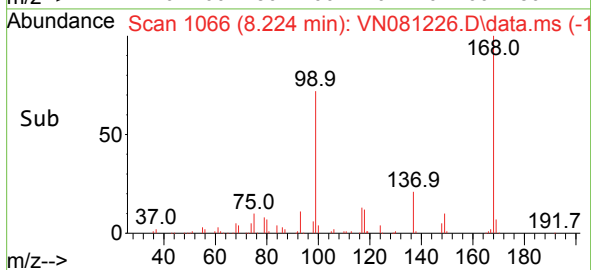
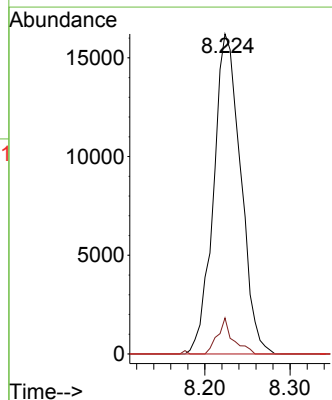
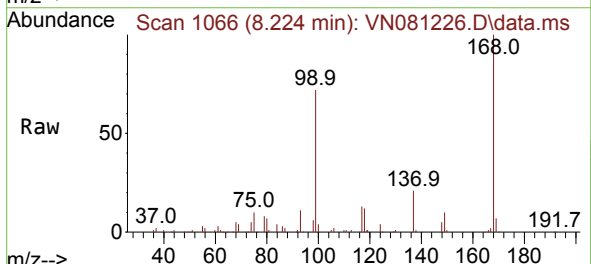
Instrument :
MSVOA_N
ClientSampleId :
TT158S1-20240222

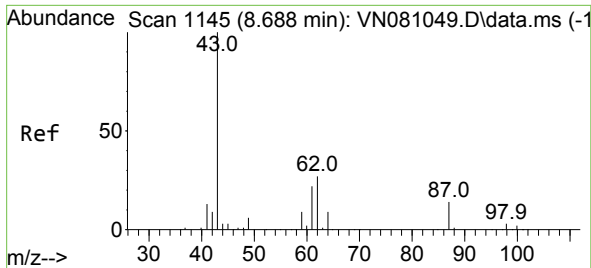
Tgt Ion: 75 Resp: 27937
Ion Ratio Lower Upper
75 100
110 8.4 16.0 48.0#
77 0.0 25.8 38.6#



#38
Carbon Tetrachloride
Concen: 6.417 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN081226.D
Acq: 27 Feb 2024 18:00

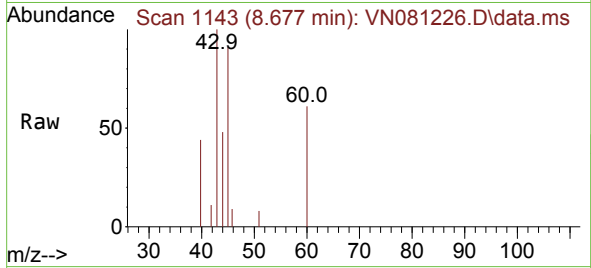
Tgt Ion: 117 Resp: 35889
Ion Ratio Lower Upper
117 100
119 11.2 73.4 110.2#
121 0.0 24.4 36.6#



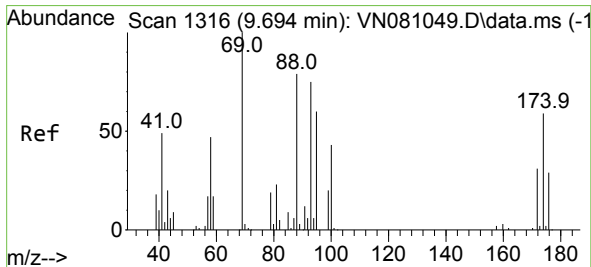
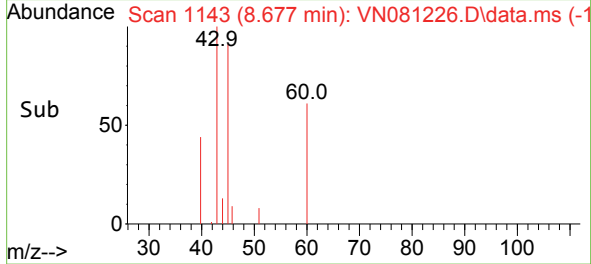
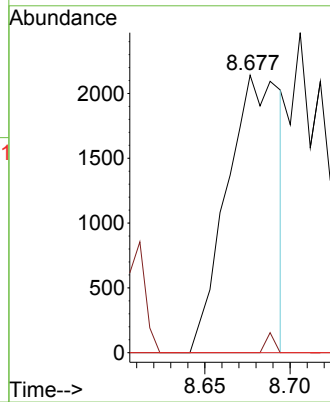


#43
Isopropyl Acetate
Concen: 0.529 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.012 min
Lab File: VN081226.D
Acq: 27 Feb 2024 18:00

Instrument :
MSVOA_N
ClientSampleId :
TT158S1-20240222

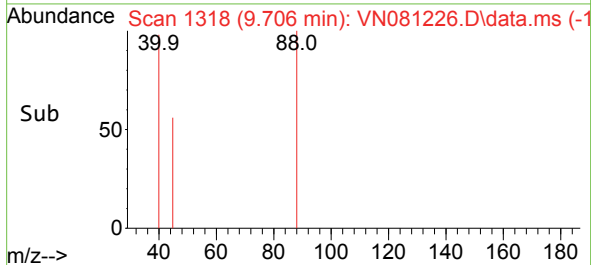
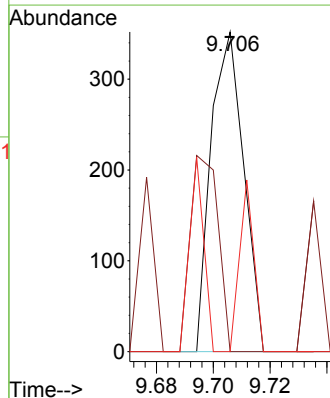
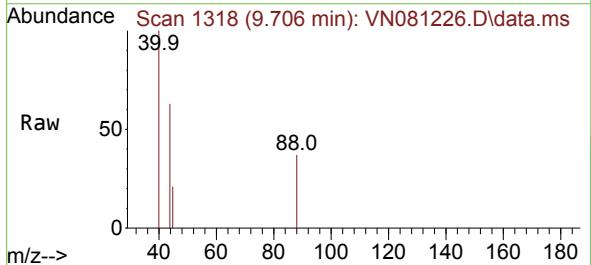


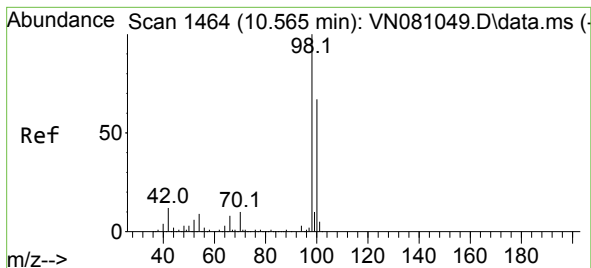
Tgt Ion: 43 Resp: 4618
Ion Ratio Lower Upper
43 100
61 0.0 19.9 29.9#
87 0.0 9.0 13.6#



#49
1,4-Dioxane
Concen: Below Cal
RT: 9.706 min Scan# 1318
Delta R.T. 0.012 min
Lab File: VN081226.D
Acq: 27 Feb 2024 18:00

Tgt Ion: 88 Resp: 281
Ion Ratio Lower Upper
88 100
43 0.0 30.1 45.1#
58 23.8 63.9 95.9#





#50

Toluene-d8

Concen: 55.836 ug/l

RT: 10.571 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VN081226.D

Acq: 27 Feb 2024 18:00

Instrument :

MSVOA_N

ClientSampleId :

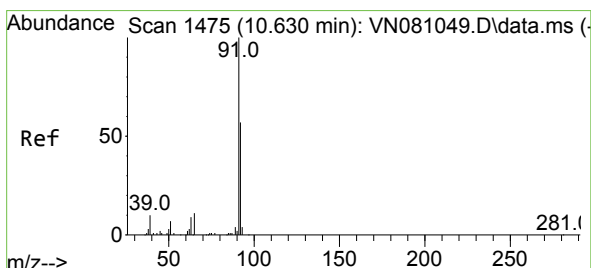
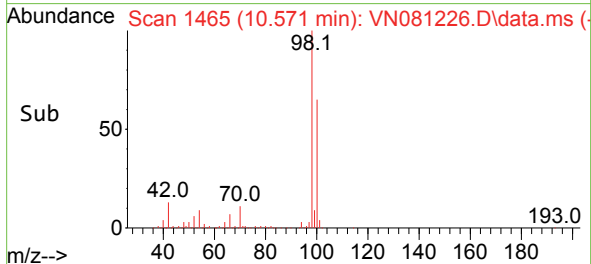
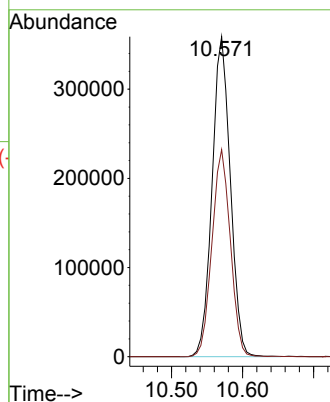
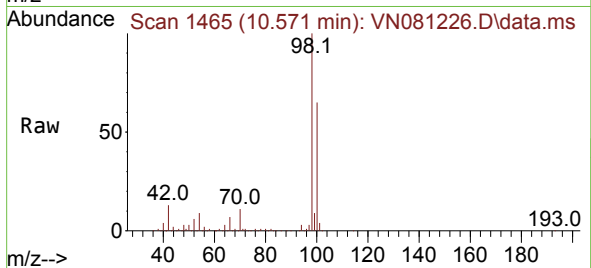
TT158S1-20240222

Tgt Ion: 98 Resp: 639906

Ion Ratio Lower Upper

98 100

100 65.1 51.4 77.0



#52

Toluene

Concen: 0.884 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VN081226.D

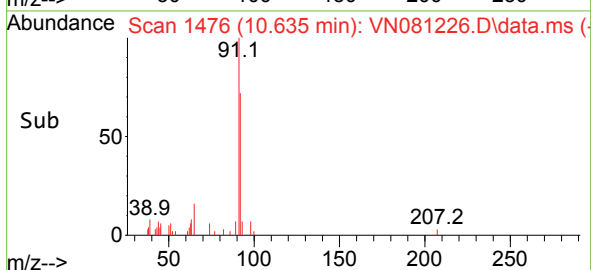
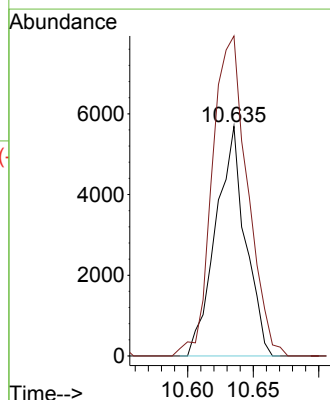
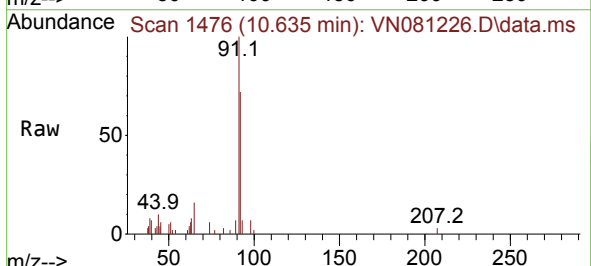
Acq: 27 Feb 2024 18:00

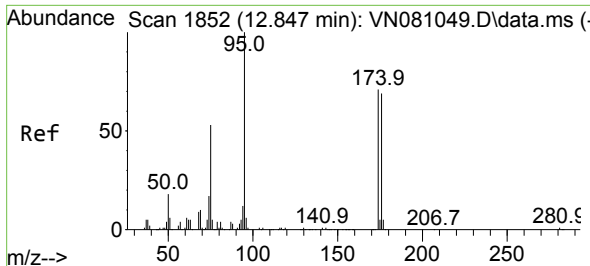
Tgt Ion: 92 Resp: 8959

Ion Ratio Lower Upper

92 100

91 164.9 139.4 209.0

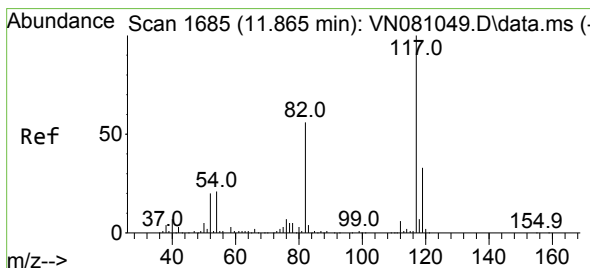
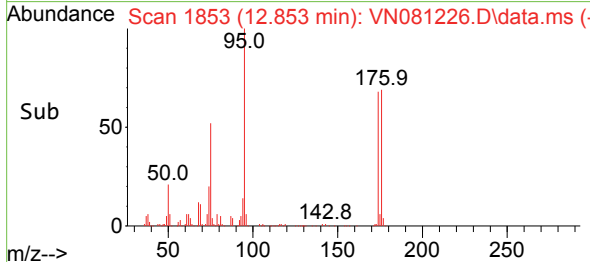
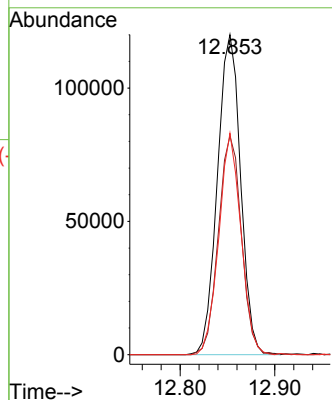
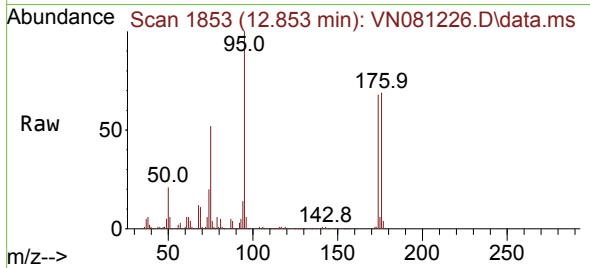




#62
4-Bromofluorobenzene
Concen: 47.466 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081226.D
Acq: 27 Feb 2024 18:00

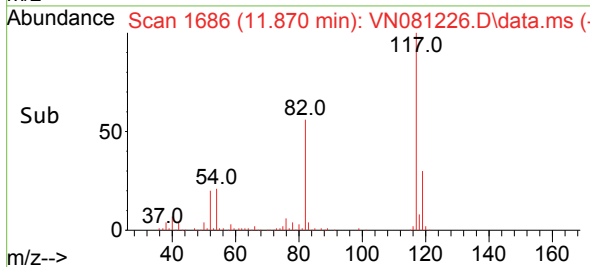
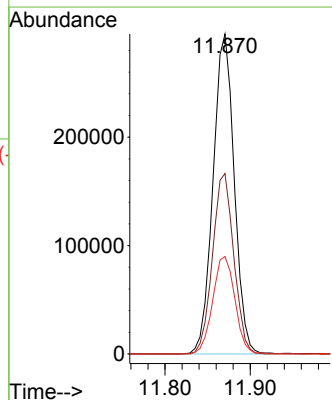
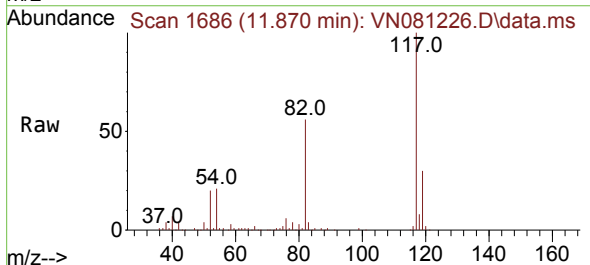
Instrument :
MSVOA_N
ClientSampleId :
TT158S1-20240222

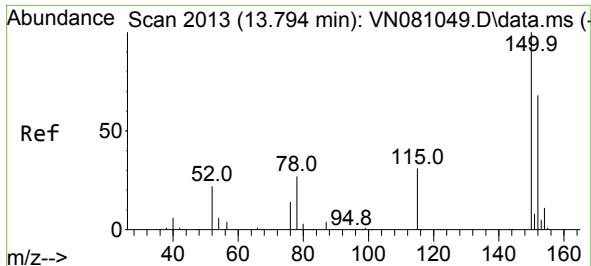
Tgt Ion: 95 Resp: 204402
Ion Ratio Lower Upper
95 100
174 68.0 0.0 120.4
176 66.1 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081226.D
Acq: 27 Feb 2024 18:00

Tgt Ion: 117 Resp: 509779
Ion Ratio Lower Upper
117 100
82 56.4 52.7 79.1
119 30.5 25.3 37.9

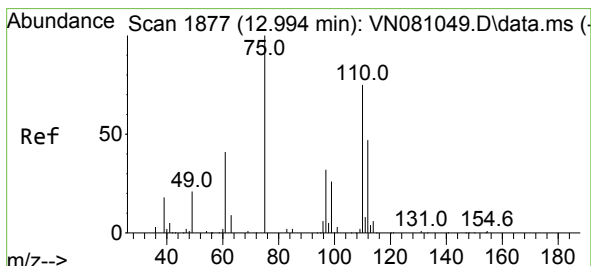
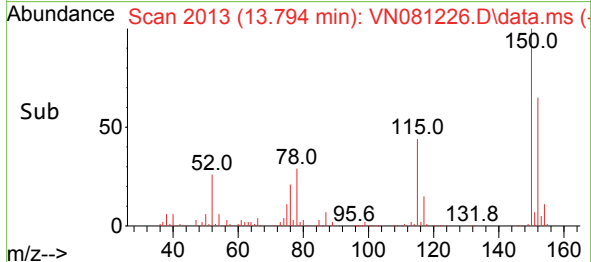
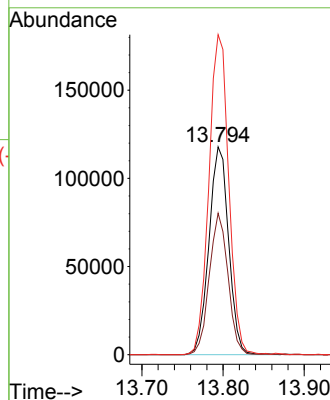
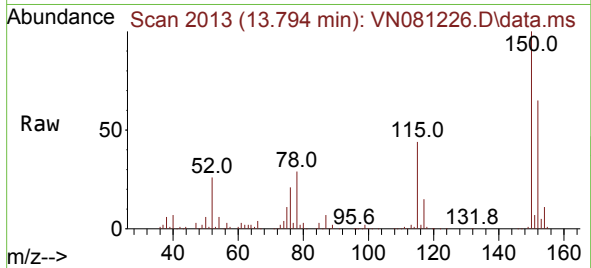




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN081226.D
 Acq: 27 Feb 2024 18:00

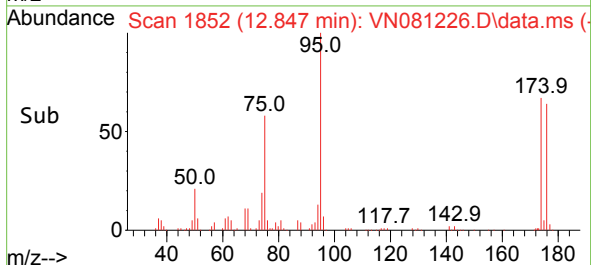
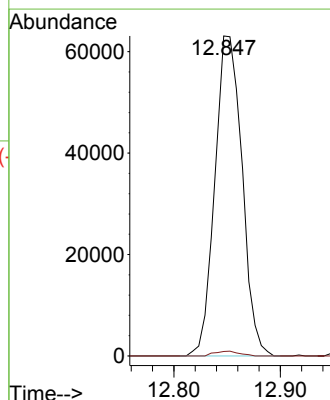
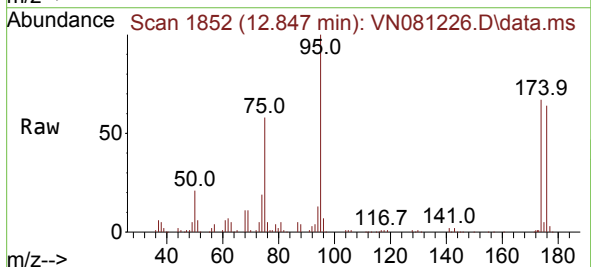
Instrument :
 MSVOA_N
 ClientSampleId :
 TT158S1-20240222

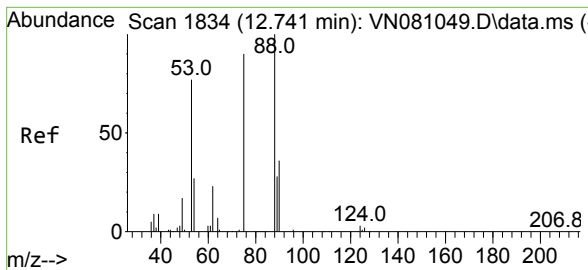
Tgt Ion:152 Resp: 198349
 Ion Ratio Lower Upper
 152 100
 115 64.8 32.3 96.8
 150 155.3 0.0 339.8



#76
 1,2,3-Trichloropropane
 Concen: 24.798 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN081226.D
 Acq: 27 Feb 2024 18:00

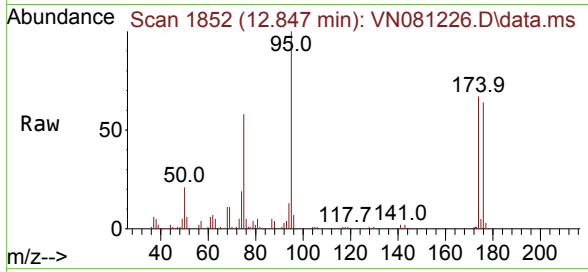
Tgt Ion: 75 Resp: 111756
 Ion Ratio Lower Upper
 75 100
 77 1.4 91.0 272.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.828 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VN081226.D
 Acq: 27 Feb 2024 18:00

Instrument :
 MSVOA_N
 ClientSampleId :
 TT158S1-20240222



Tgt Ion: 75 Resp: 111756
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.4 107.2#
 89 0.0 33.4 50.0#

