

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060923\
 Data File : VN078154.D
 Acq On : 09 Jun 2023 18:35
 Operator : JC\MD
 Sample : 03119-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 09 23:13:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

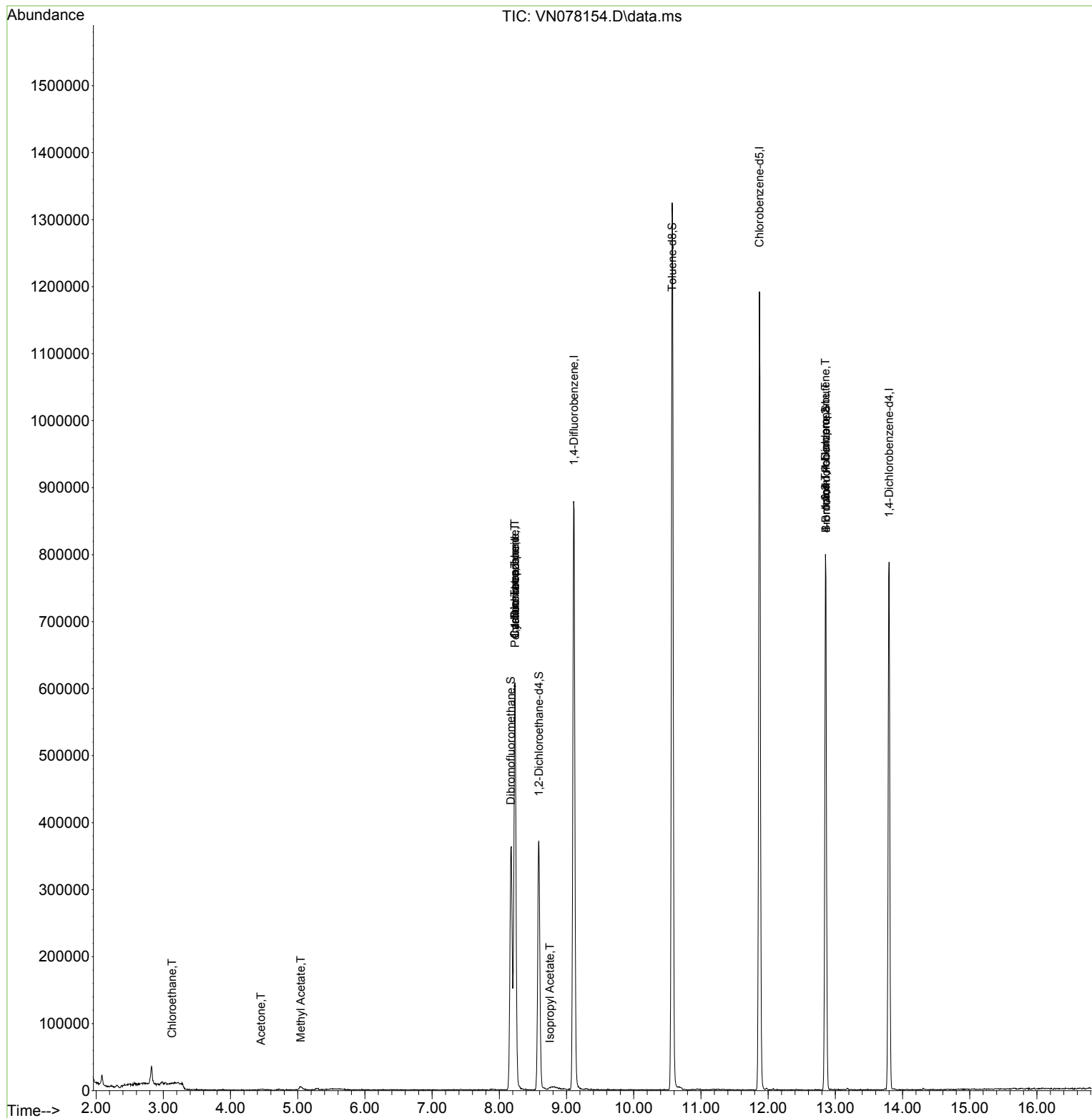
Internal Standards						
1) Pentafluorobenzene	8.236	168	428180	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	787722	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	693225	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	212632	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	308744	54.081	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.160%	
35) Dibromofluoromethane	8.171	113	266081	53.423	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.840%	
50) Toluene-d8	10.571	98	962713	50.139	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.280%	
62) 4-Bromofluorobenzene	12.859	95	277488	46.487	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.980%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	1022	Below Cal	#	52
6) Chloroethane	3.130	64	1082	0.250	ug/l #	43
16) Acetone	4.454	43	688	0.419	ug/l #	78
18) Methyl Acetate	5.048	43	10131	1.339	ug/l	92
31) Cyclohexane	8.230	56	10734	1.466	ug/l #	31
36) 1,1-Dichloropropene	8.230	75	37226	5.211	ug/l #	49
38) Carbon Tetrachloride	8.230	117	47053	6.238	ug/l #	17
43) Isopropyl Acetate	8.753	43	2291	0.215	ug/l #	49
71) Bromoform	12.859	173	1814	0.515	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.924	83	67	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.853	75	150808	30.001	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	150808	92.174	ug/l #	15

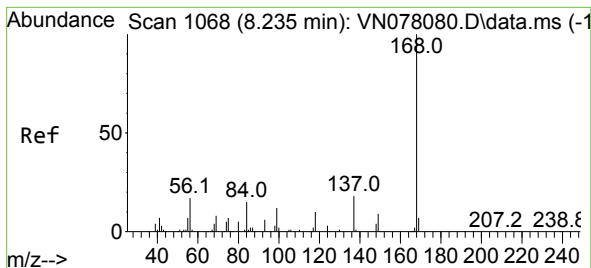
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.236 min Scan# 1

Delta R.T. 0.001 min

Lab File: VN078154.D

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MSVOA_N

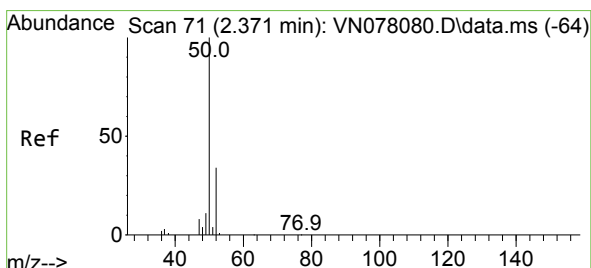
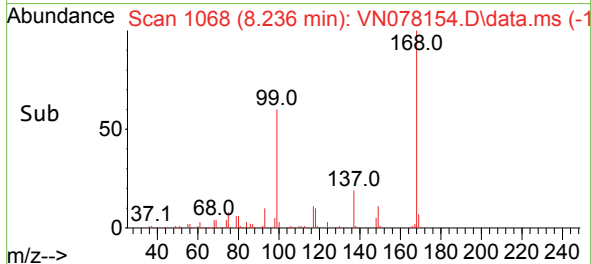
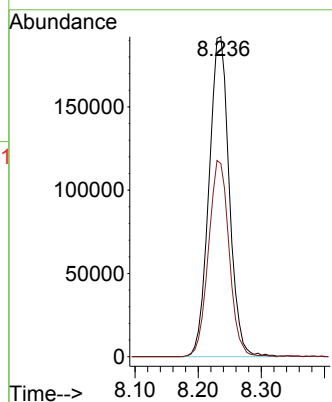
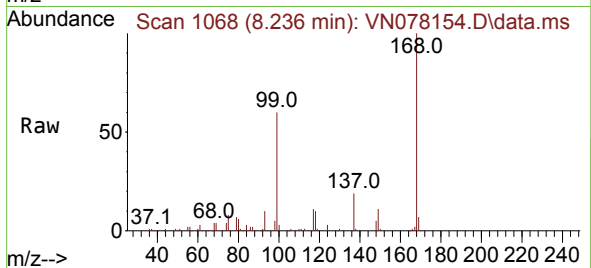
ClientSampleId :

Tgt Ion:168 Resp: 428180

Ion Ratio Lower Upper

168 100

99 60.4 53.0 79.6



#3

Chloromethane

Concen: Below Cal

RT: 2.371 min Scan# 71

Delta R.T. 0.000 min

Lab File: VN078154.D

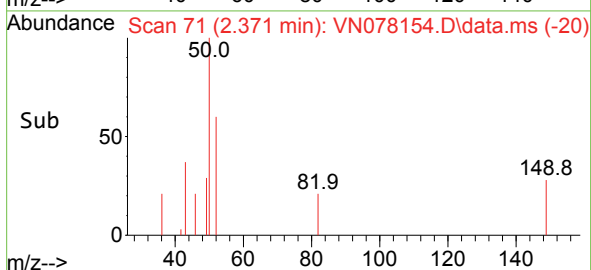
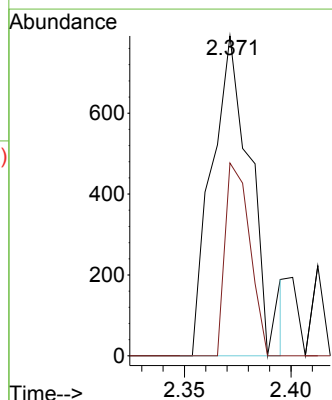
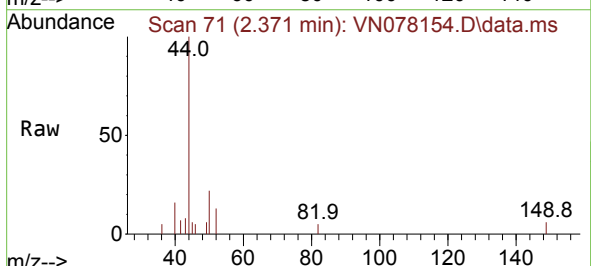
Acq: 09 Jun 2023 18:35

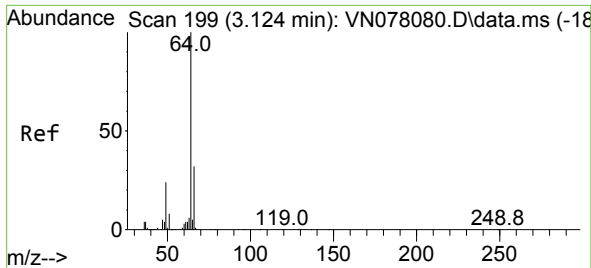
Tgt Ion: 50 Resp: 1022

Ion Ratio Lower Upper

50 100

52 60.3 26.5 39.7#

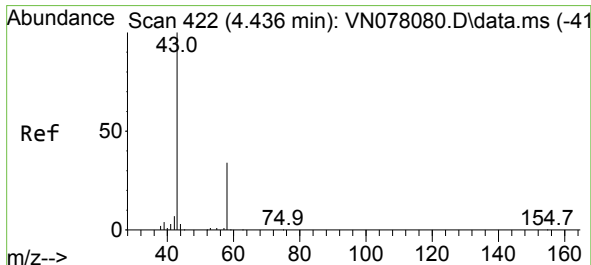
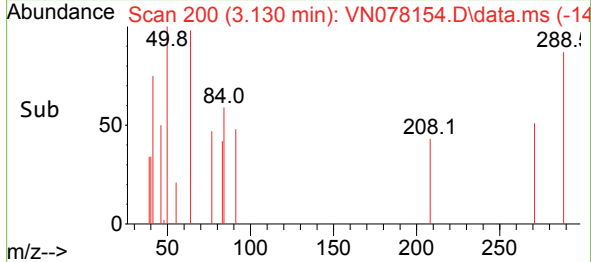
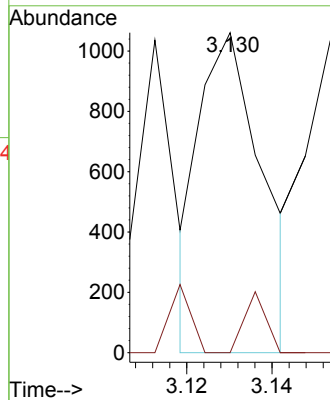
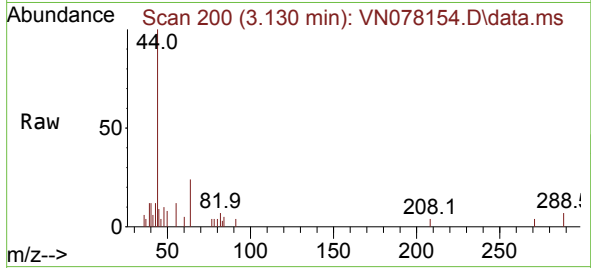




#6
Chloroethane
Concen: 0.250 ug/l
RT: 3.130 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN078154.D
Acq: 09 Jun 2023 18:35

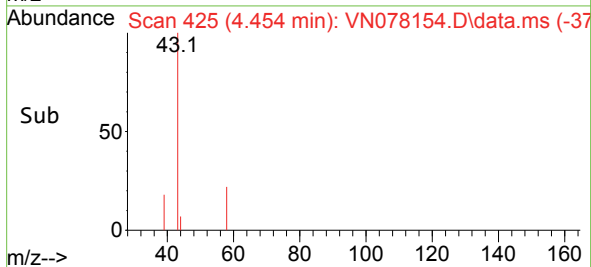
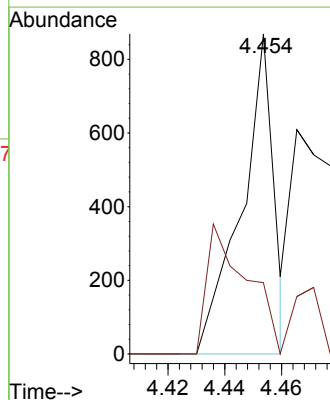
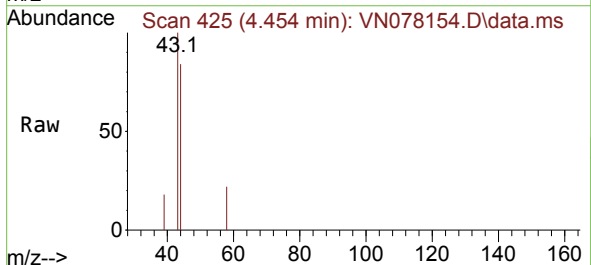
Instrument :
MSVOA_N
ClientSampleId :

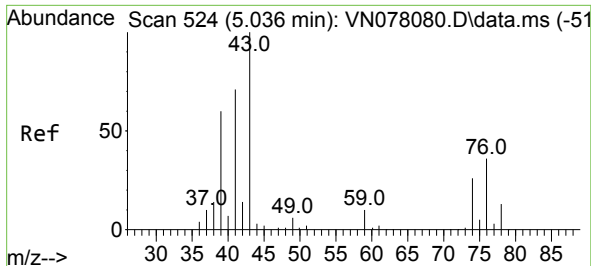
Tgt Ion: 64 Resp: 1082
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#16
Acetone
Concen: 0.419 ug/l
RT: 4.454 min Scan# 425
Delta R.T. 0.018 min
Lab File: VN078154.D
Acq: 09 Jun 2023 18:35

Tgt Ion: 43 Resp: 688
Ion Ratio Lower Upper
43 100
58 22.3 28.0 42.0#

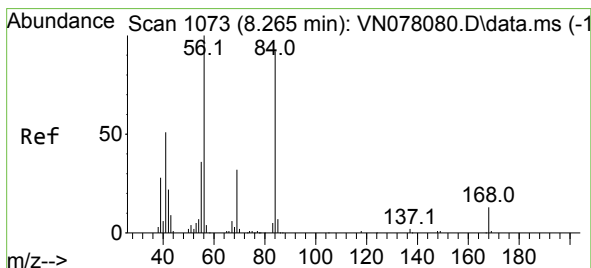
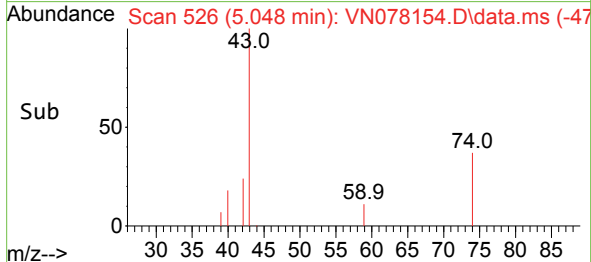
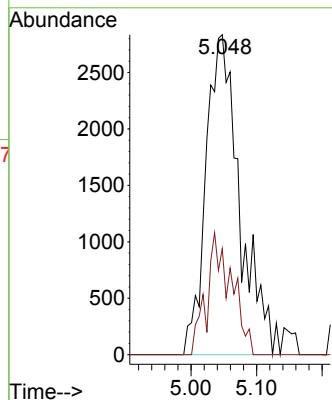
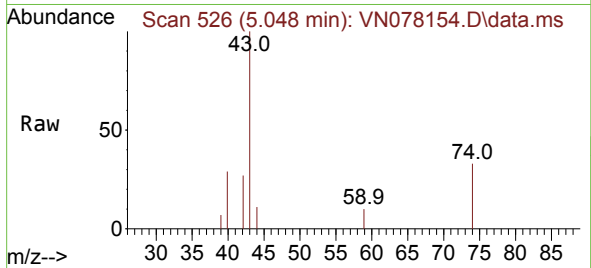




#18
Methyl Acetate
Concen: 1.339 ug/l
RT: 5.048 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN078154.D
Acq: 09 Jun 2023 18:35

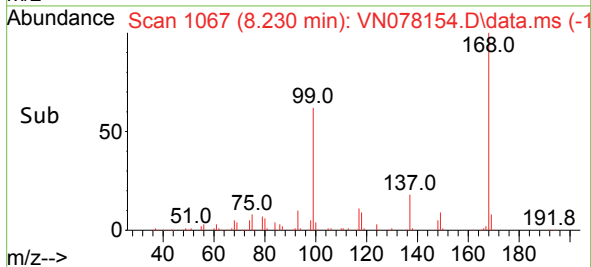
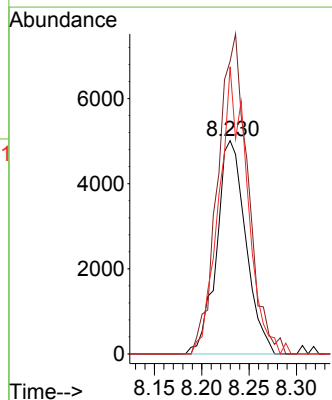
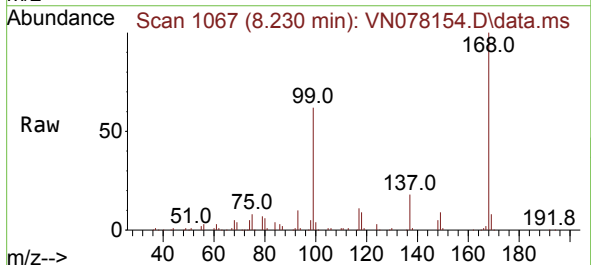
Instrument :
MSVOA_N
ClientSampleId :

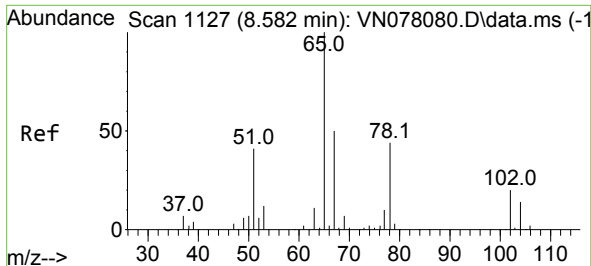
Tgt Ion: 43 Resp: 10131
Ion Ratio Lower Upper
43 100
74 28.1 26.2 39.4



#31
Cyclohexane
Concen: 1.466 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.035 min
Lab File: VN078154.D
Acq: 09 Jun 2023 18:35

Tgt Ion: 56 Resp: 10734
Ion Ratio Lower Upper
56 100
69 137.3 26.8 40.2#
84 134.7 81.8 122.6#





#33

1,2-Dichloroethane-d4

Concen: 54.081 ug/l

RT: 8.589 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN078154.D

Acq: 09 Jun 2023 18:35

Instrument :

MSVOA_N

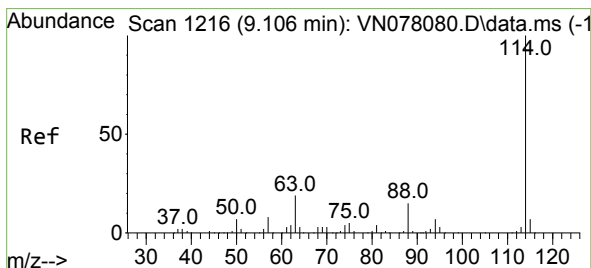
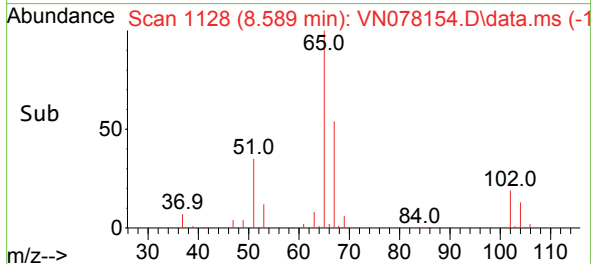
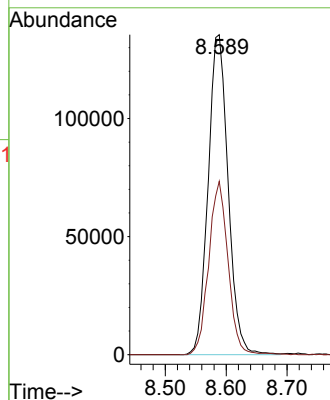
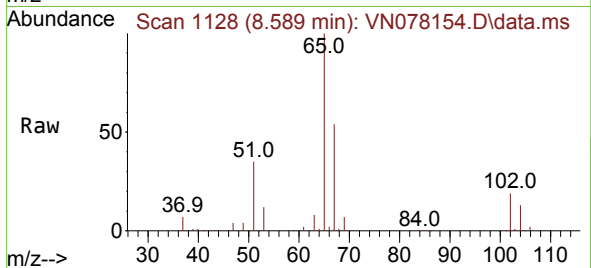
ClientSampleId :

Tgt Ion: 65 Resp: 308744

Ion Ratio Lower Upper

65 100

67 52.5 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN078154.D

Acq: 09 Jun 2023 18:35

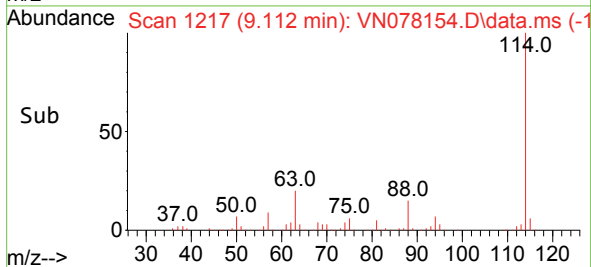
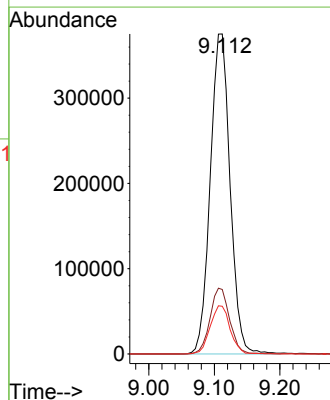
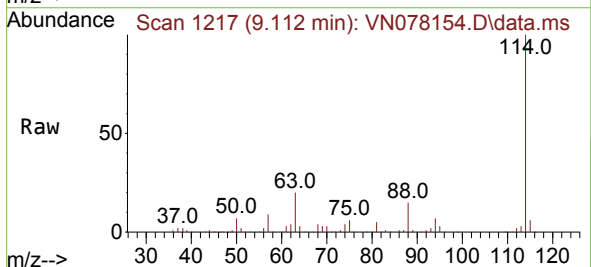
Tgt Ion:114 Resp: 787722

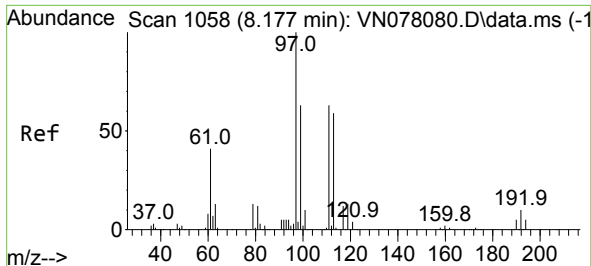
Ion Ratio Lower Upper

114 100

63 20.2 0.0 36.4

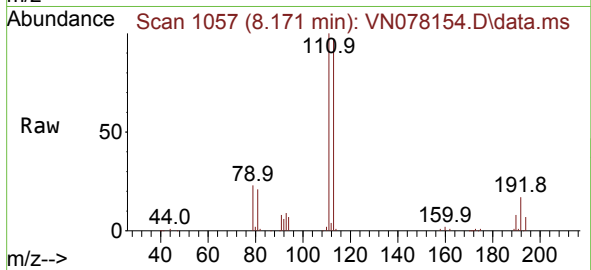
88 14.9 0.0 30.6



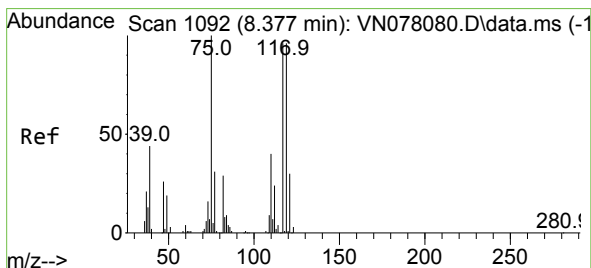
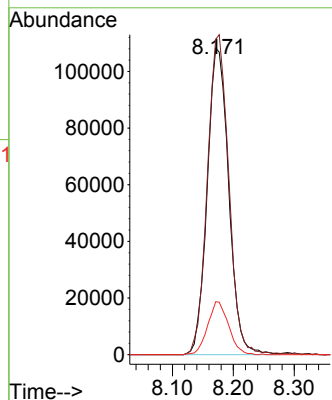
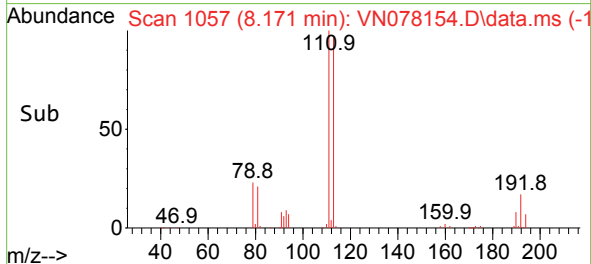


#35
Dibromofluoromethane
Concen: 53.423 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078154.D
Acq: 09 Jun 2023 18:35

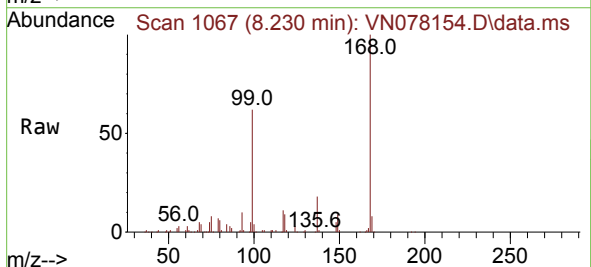
Instrument :
MSVOA_N
ClientSampleId :



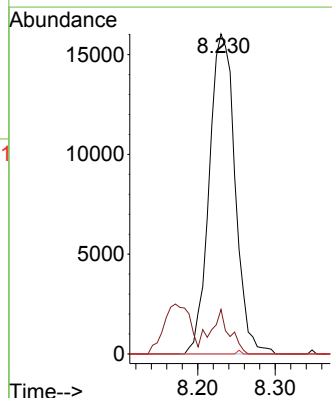
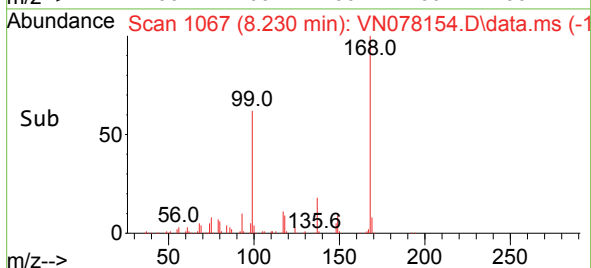
Tgt Ion:113 Resp: 266081
Ion Ratio Lower Upper
113 100
111 103.7 82.6 123.8
192 16.8 12.7 19.1

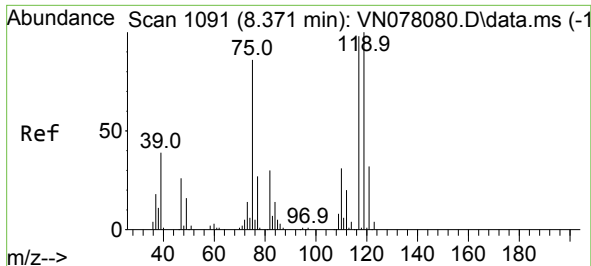


#36
1,1-Dichloropropene
Concen: 5.211 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN078154.D
Acq: 09 Jun 2023 18:35



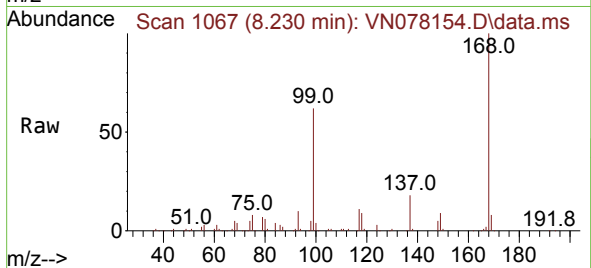
Tgt Ion: 75 Resp: 37226
Ion Ratio Lower Upper
75 100
110 10.2 19.1 57.3#
77 0.0 25.0 37.4#



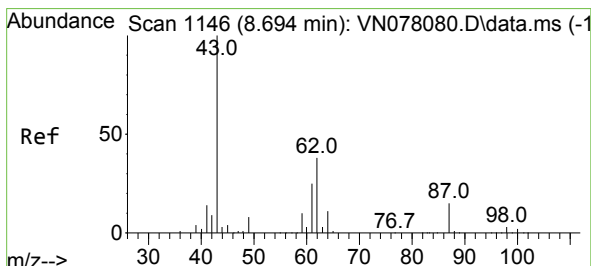
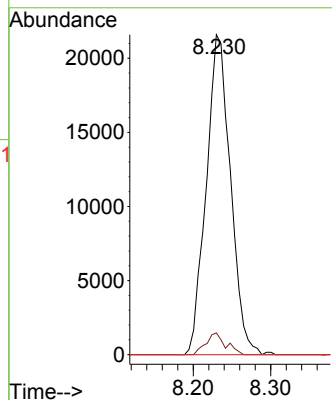
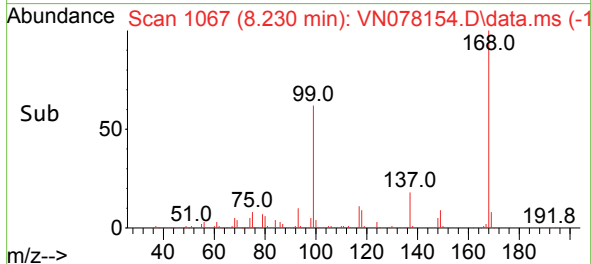


#38
Carbon Tetrachloride
Concen: 6.238 ug/l
RT: 8.230 min Scan# 1107
Delta R.T. -0.141 min
Lab File: VN078154.D
Acq: 09 Jun 2023 18:35

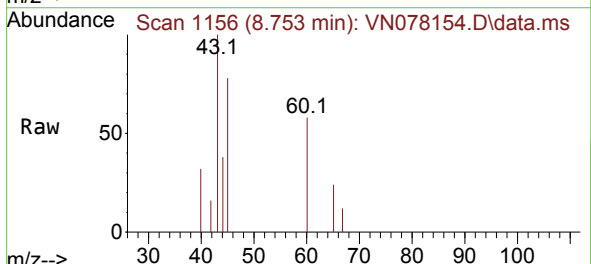
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ClientSampleId :



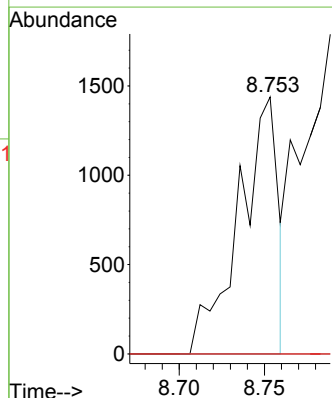
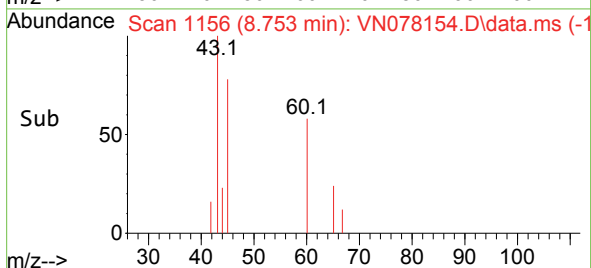
Tgt Ion:117 Resp: 47053
Ion Ratio Lower Upper
117 100
119 6.8 77.3 115.9#
121 0.0 23.3 34.9#

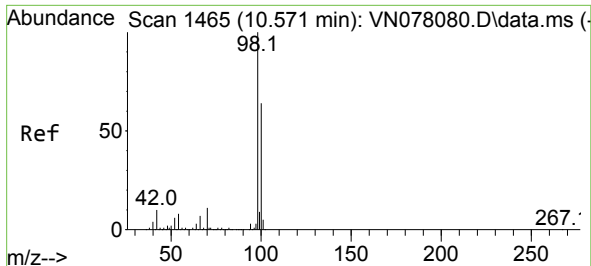


#43
Isopropyl Acetate
Concen: 0.215 ug/l
RT: 8.753 min Scan# 1156
Delta R.T. 0.059 min
Lab File: VN078154.D
Acq: 09 Jun 2023 18:35



Tgt Ion: 43 Resp: 2291
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#

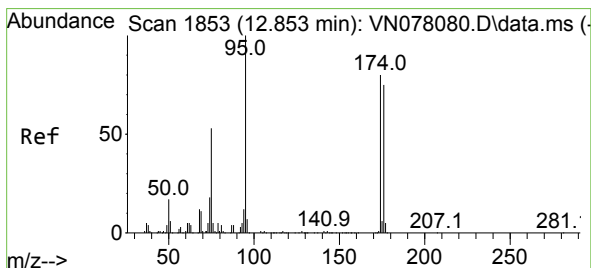
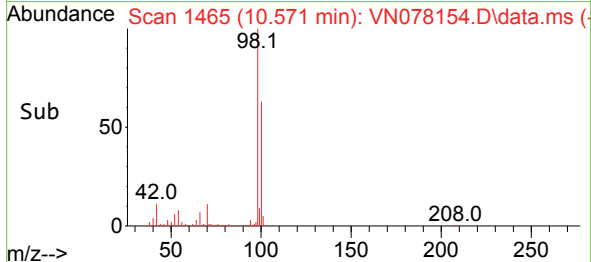
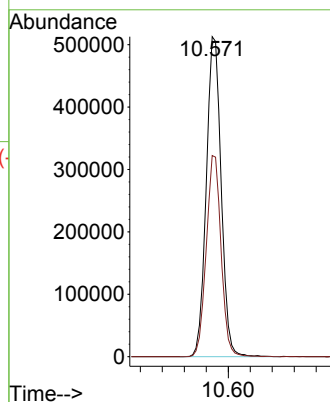
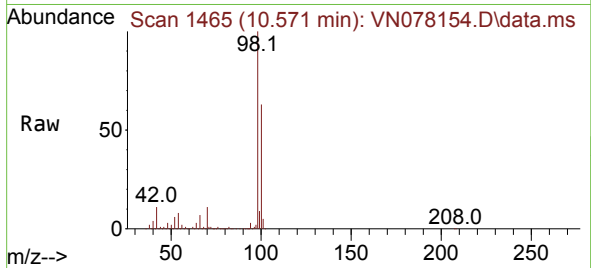




#50
Toluene-d8
Concen: 50.139 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078154.D
Acq: 09 Jun 2023 18:35

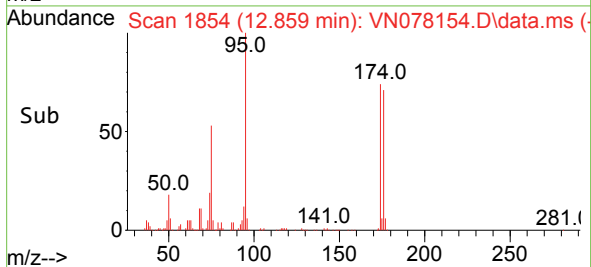
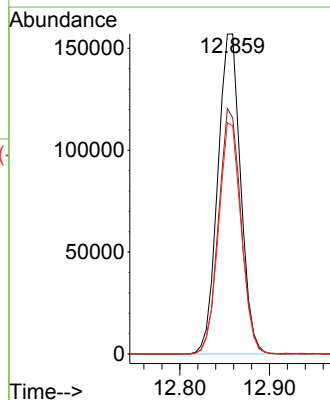
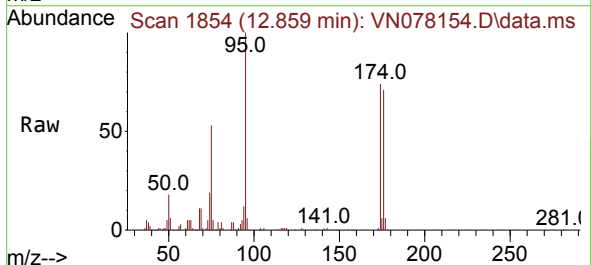
Instrument :
MSVOA_N
ClientSampleId :

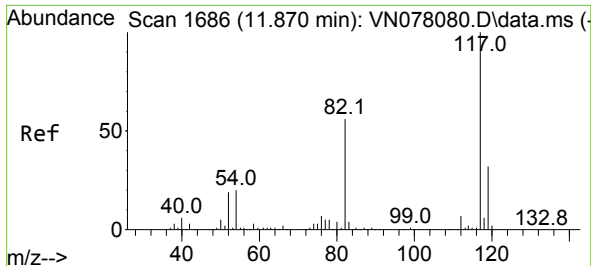
Tgt Ion: 98 Resp: 962713
Ion Ratio Lower Upper
98 100
100 62.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.487 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN078154.D
Acq: 09 Jun 2023 18:35

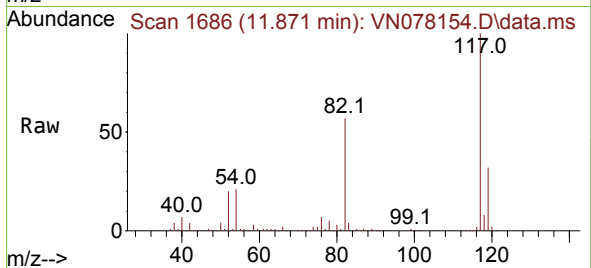
Tgt Ion: 95 Resp: 277488
Ion Ratio Lower Upper
95 100
174 75.5 0.0 143.8
176 71.4 0.0 135.8



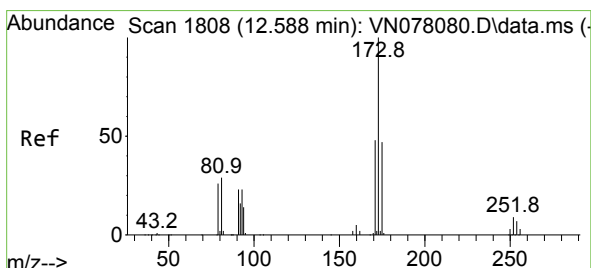
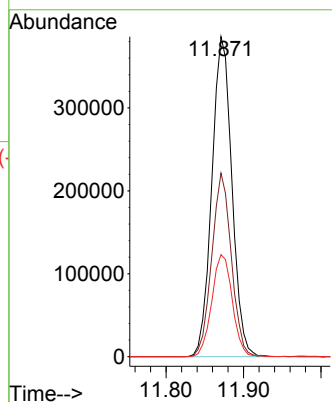
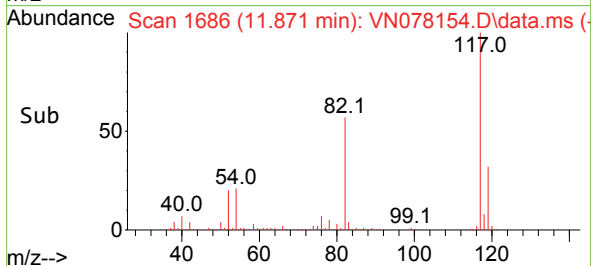


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN078154.D
Acq: 09 Jun 2023 18:35

Instrument :
MSVOA_N
ClientSampleId :

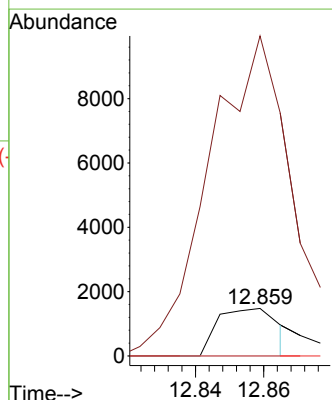
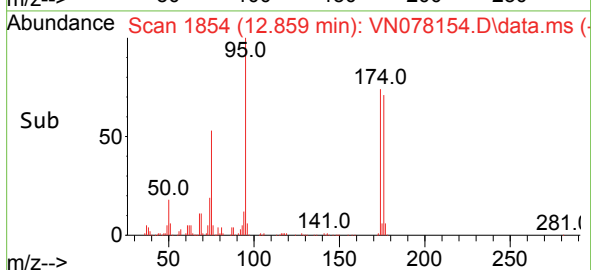
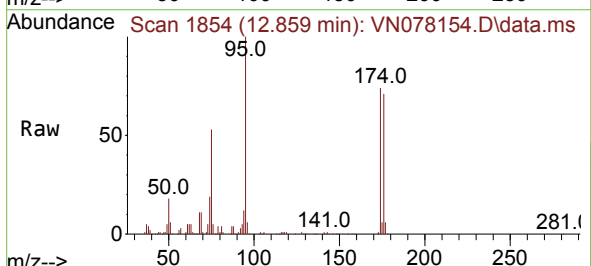


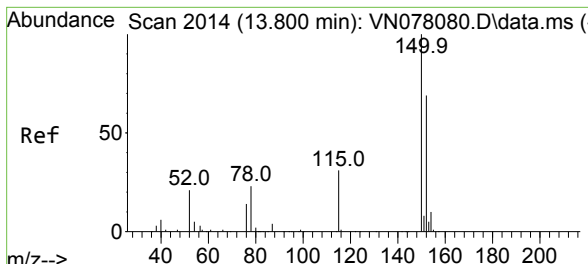
Tgt Ion:117 Resp: 693225
Ion Ratio Lower Upper
117 100
82 57.4 44.0 66.0
119 31.9 25.6 38.4



#71
Bromoform
Concen: 0.515 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.271 min
Lab File: VN078154.D
Acq: 09 Jun 2023 18:35

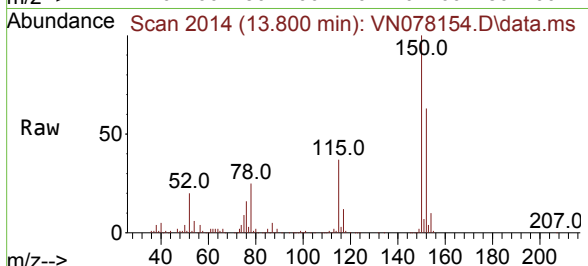
Tgt Ion:173 Resp: 1814
Ion Ratio Lower Upper
173 100
175 796.4 24.3 73.0#
254 0.0 0.0 0.0



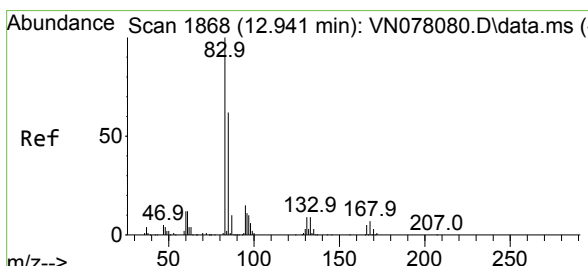
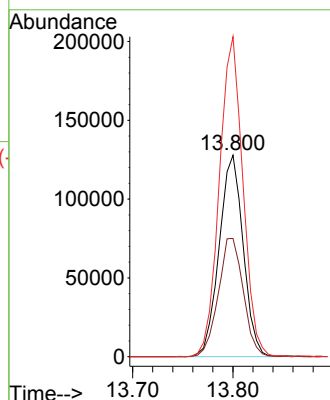
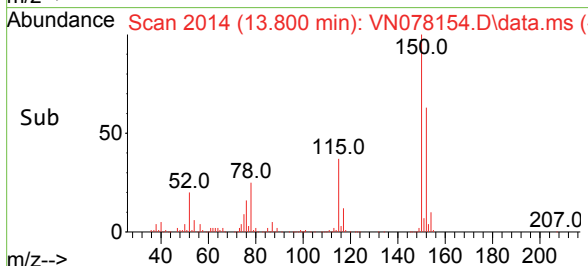


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN078154.D
 Acq: 09 Jun 2023 18:35

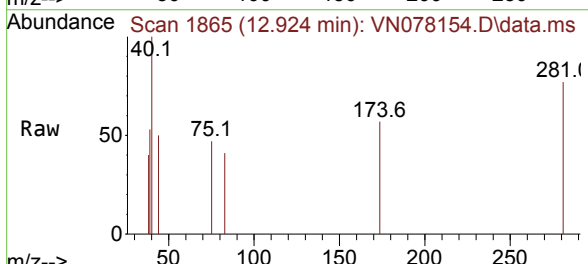
Instrument :
 MSVOA_N
 ClientSampleId :



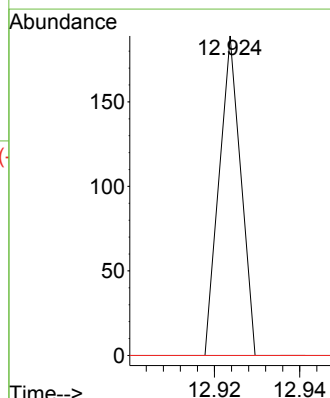
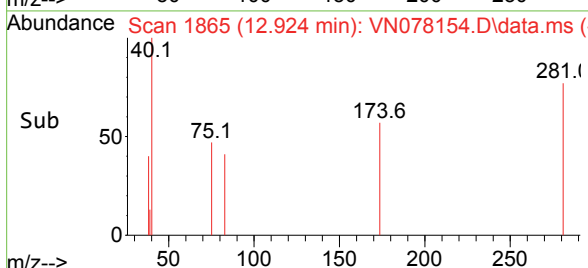
Tgt Ion:152 Resp: 212632
 Ion Ratio Lower Upper
 152 100
 115 61.0 32.3 96.8
 150 155.6 0.0 355.8

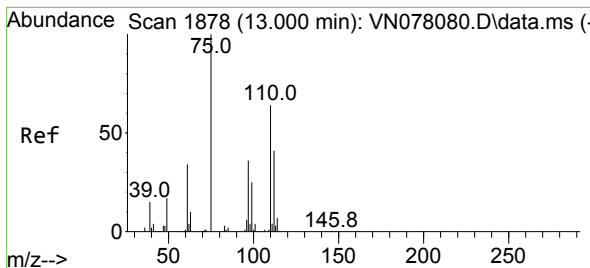


#75
 1,1,2,2-Tetrachloroethane
 Concen: Below Cal
 RT: 12.924 min Scan# 1865
 Delta R.T. -0.017 min
 Lab File: VN078154.D
 Acq: 09 Jun 2023 18:35



Tgt Ion: 83 Resp: 67
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.0 15.0#
 85 0.0 31.9 95.7#





#76

1,2,3-Trichloropropane

Concen: 30.001 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN078154.D

Acq: 09 Jun 2023 18:35

Instrument :

MSVOA_N

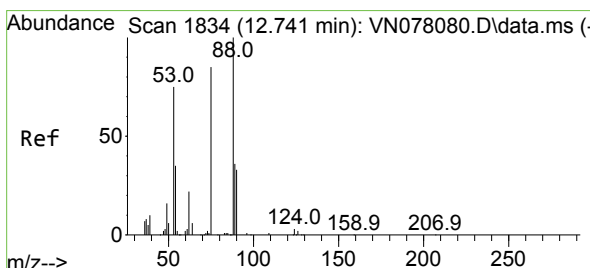
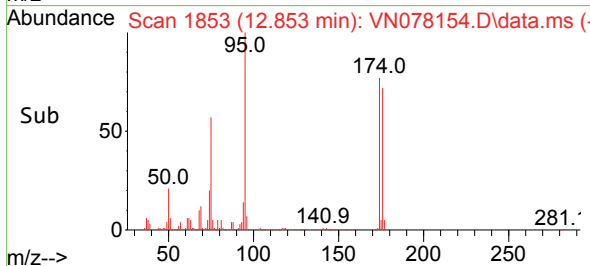
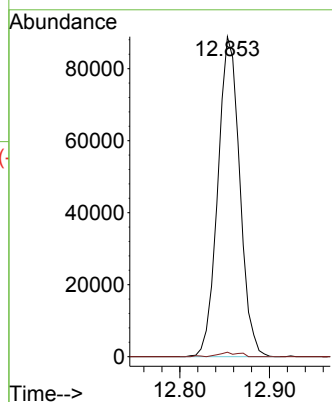
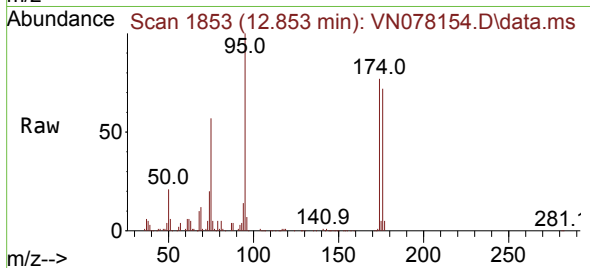
ClientSampleId :

Tgt Ion: 75 Resp: 150808

Ion Ratio Lower Upper

75 100

77 1.3 84.5 253.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 92.174 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN078154.D

Acq: 09 Jun 2023 18:35

Tgt Ion: 75 Resp: 150808

Ion Ratio Lower Upper

75 100

53 0.0 67.4 101.2#

89 0.1 38.8 58.2#

