

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091223\
 Data File : VN079239.D
 Acq On : 12 Sep 2023 16:47
 Operator : JC\MD
 Sample : 04353-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 13 01:34:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

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

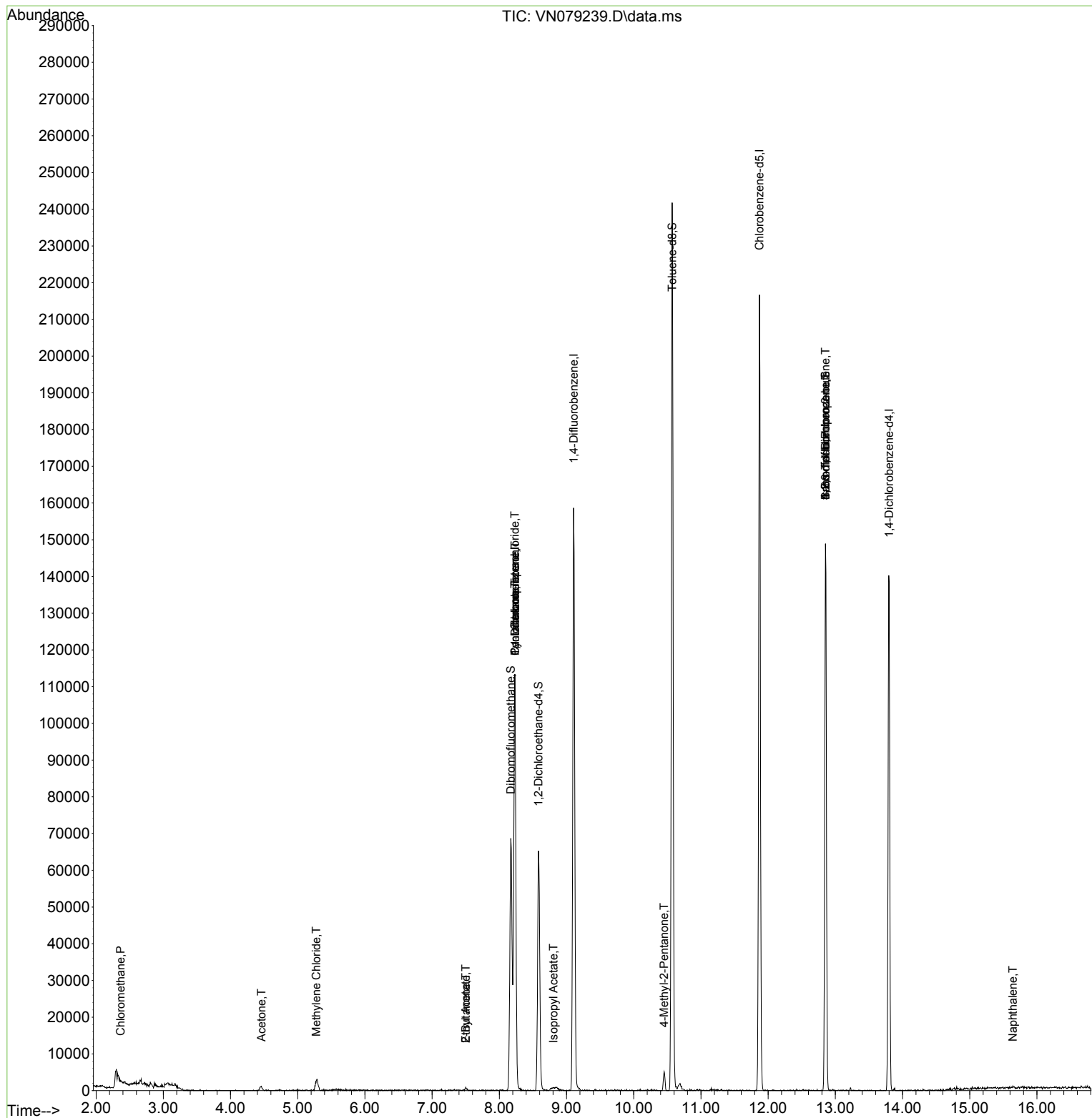
Internal Standards						
1) Pentafluorobenzene	8.236	168	85409	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	137295	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	130830	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	40829	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	58174	50.457	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.920%			
35) Dibromofluoromethane	8.171	113	50270	55.045	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.080%			
50) Toluene-d8	10.571	98	174185	51.944	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.880%			
62) 4-Bromofluorobenzene	12.853	95	53899	50.389	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.780%			
Target Compounds						Qvalue
3) Chloromethane	2.365	50	320	0.288	ug/l #	42
6) Chloroethane	3.106	64	485	Below Cal	#	43
16) Acetone	4.459	43	2167	4.426	ug/l	99
20) Methylene Chloride	5.277	84	2589	2.173	ug/l #	76
25) 2-Butanone	7.500	43	982	1.382	ug/l	99
31) Cyclohexane	8.236	56	1431	0.850	ug/l #	63
36) 1,1-Dichloropropene	8.236	75	5893	4.186	ug/l #	50
37) Ethyl Acetate	7.500	43	982	0.699	ug/l #	63
38) Carbon Tetrachloride	8.230	117	8499	5.834	ug/l #	12
43) Isopropyl Acetate	8.806	43	1433	0.625	ug/l #	49
51) 4-Methyl-2-Pentanone	10.453	43	3752	2.821	ug/l	91
71) Bromoform	12.853	173	390	0.475	ug/l #	28
76) 1,2,3-Trichloropropane	12.853	75	28944	26.303	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	28944	72.313	ug/l #	15
95) Naphthalene	15.641	128	564	0.347	ug/l #	70

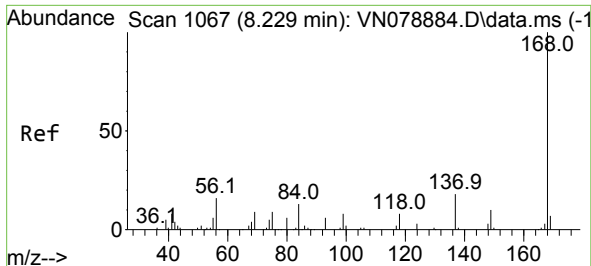
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091223\
Data File : VN079239.D
Acq On : 12 Sep 2023 16:47
Operator : JC\MD
Sample : 04353-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

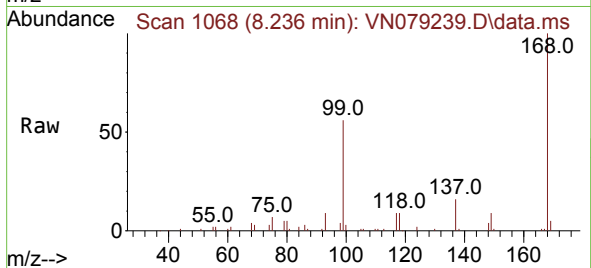
Quant Time: Sep 13 01:34:28 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 12 05:05:24 2023
Response via : Initial Calibration



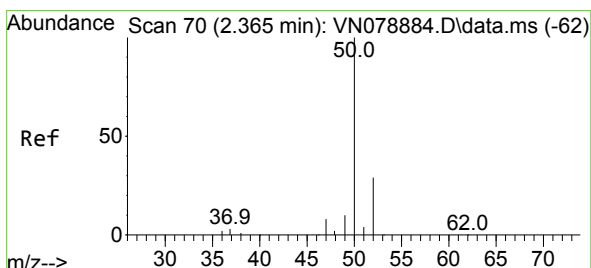
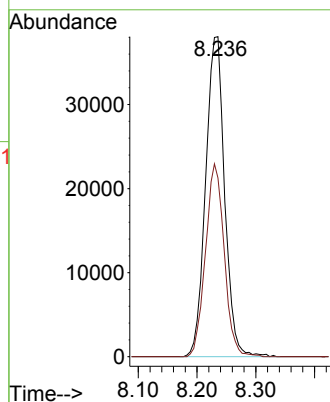
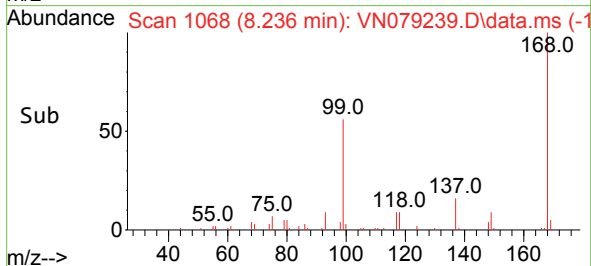


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN079239.D
Acq: 12 Sep 2023 16:47

Instrument :
MSVOA_N
ClientSampleId :

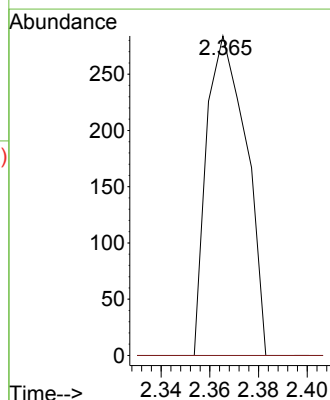
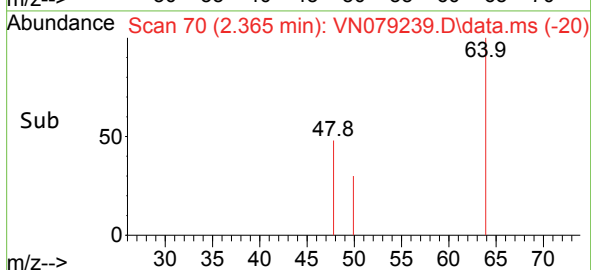
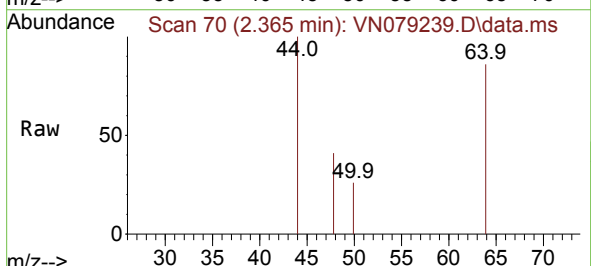


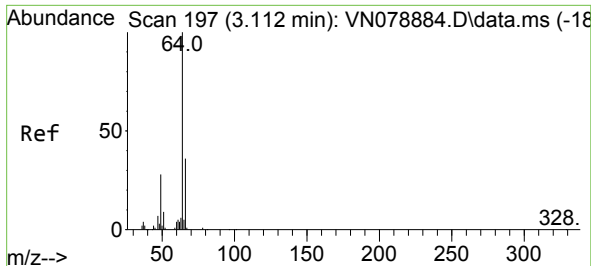
Tgt Ion:168 Resp: 85409
Ion Ratio Lower Upper
168 100
99 55.9 53.0 79.6



#3
Chloromethane
Concen: 0.288 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.006 min
Lab File: VN079239.D
Acq: 12 Sep 2023 16:47

Tgt Ion: 50 Resp: 320
Ion Ratio Lower Upper
50 100
52 0.0 26.5 39.7#

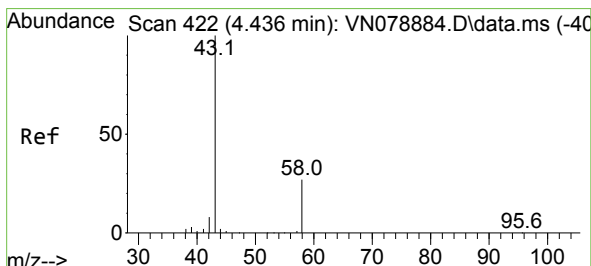
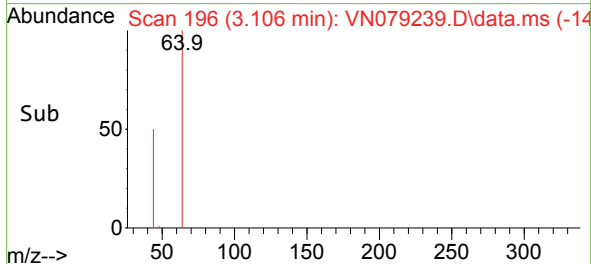
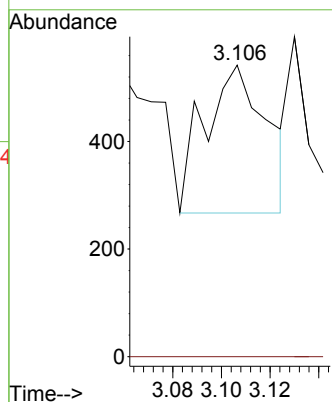
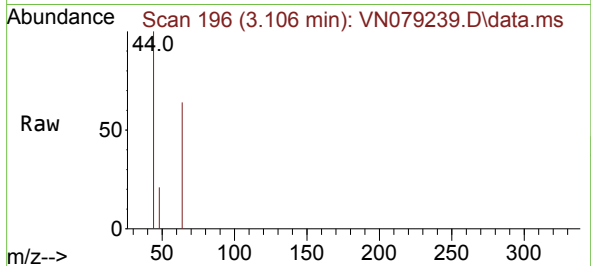




#6
Chloroethane
Concen: Below Cal
RT: 3.106 min Scan# 197
Delta R.T. -0.012 min
Lab File: VN079239.D
Acq: 12 Sep 2023 16:47

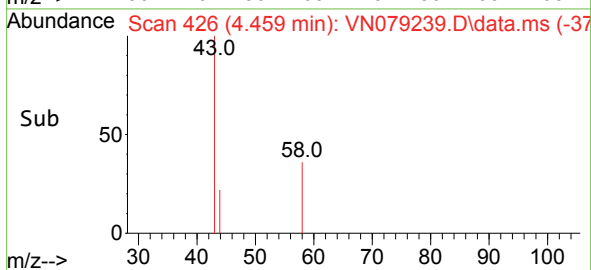
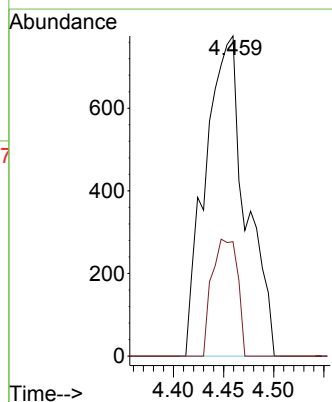
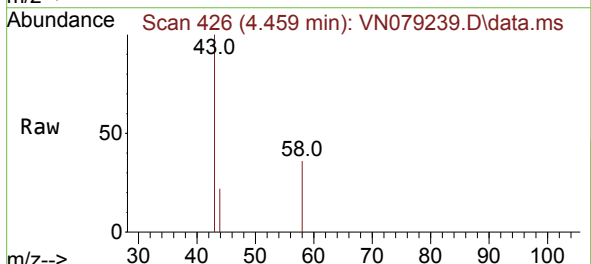
Instrument :
MSVOA_N
ClientSampleId :

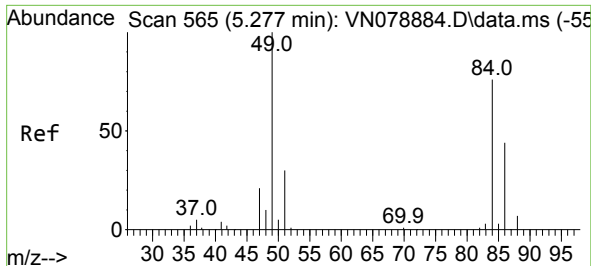
Tgt Ion: 64 Resp: 485
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#16
Acetone
Concen: 4.426 ug/l
RT: 4.459 min Scan# 426
Delta R.T. 0.017 min
Lab File: VN079239.D
Acq: 12 Sep 2023 16:47

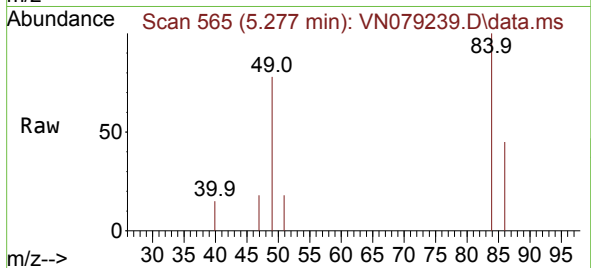
Tgt Ion: 43 Resp: 2167
Ion Ratio Lower Upper
43 100
58 35.7 28.0 42.0



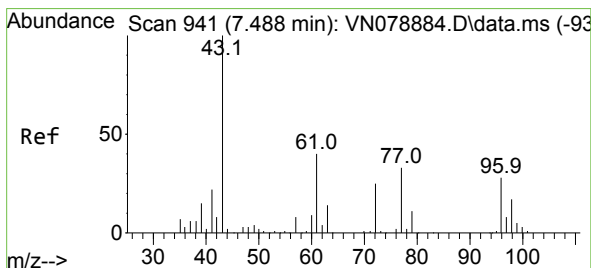
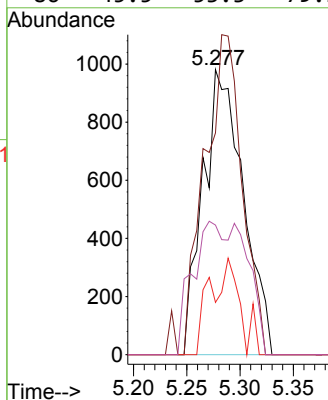


#20
Methylene Chloride
Concen: 2.173 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN079239.D
Acq: 12 Sep 2023 16:47

Instrument :
MSVOA_N
ClientSampleId :

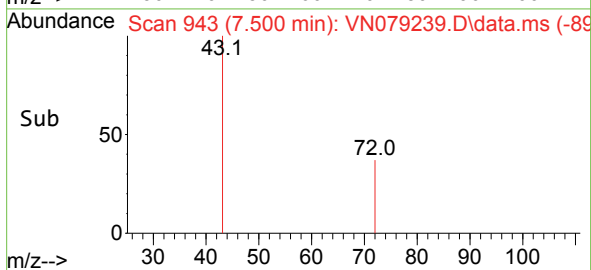
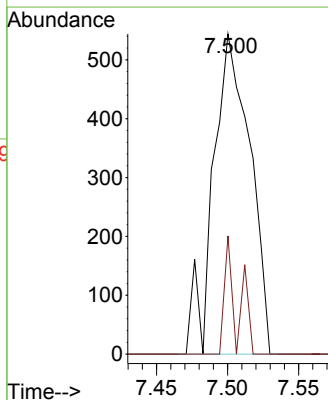
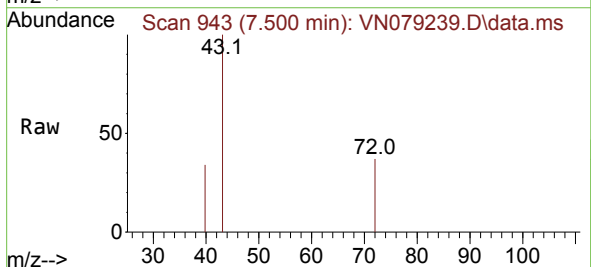


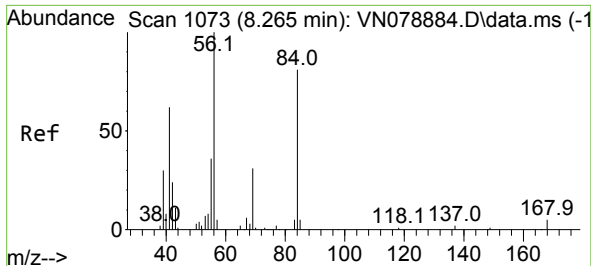
Tgt Ion: 84	Resp: 2589
Ion Ratio	Lower Upper
84 100	
49 77.8	79.7 119.5#
51 18.3	25.2 37.8#
86 45.5	53.3 79.9#



#25
2-Butanone
Concen: 1.382 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN079239.D
Acq: 12 Sep 2023 16:47

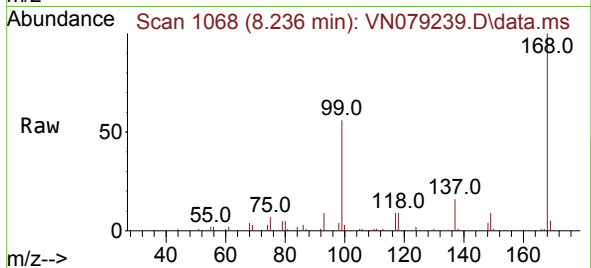
Tgt Ion: 43	Resp: 982		
Ion Ratio	Lower	Upper	
43 100			
72 36.9	30.2	45.2	



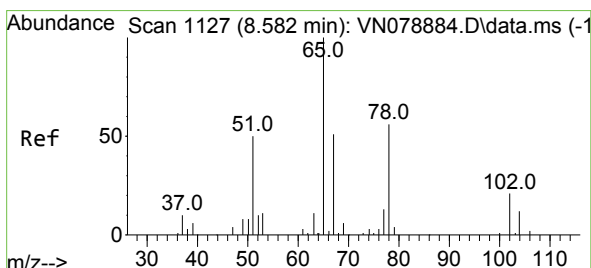
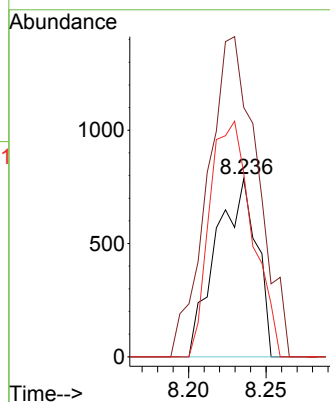
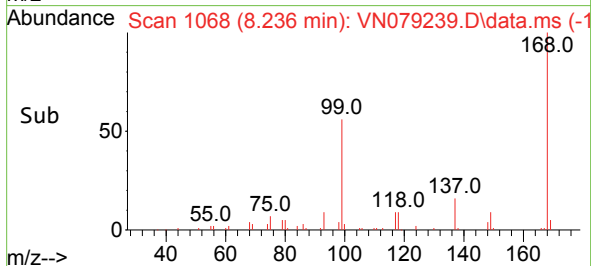


#31
Cyclohexane
Concen: 0.850 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.029 min
Lab File: VN079239.D
Acq: 12 Sep 2023 16:47

Instrument :
MSVOA_N
ClientSampleId :

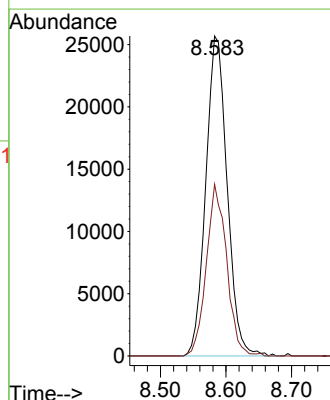
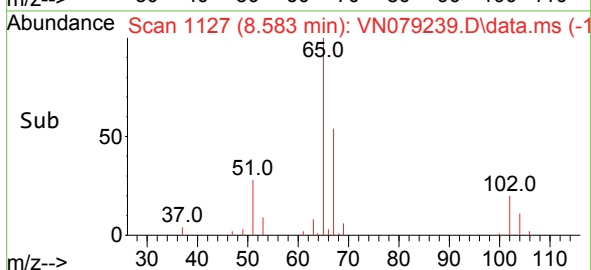
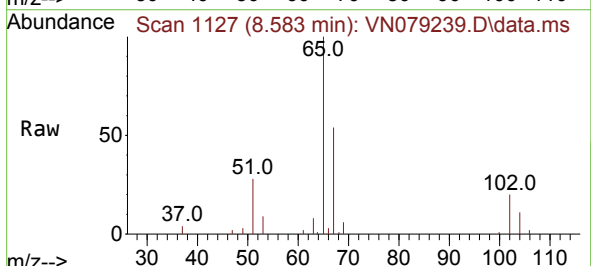


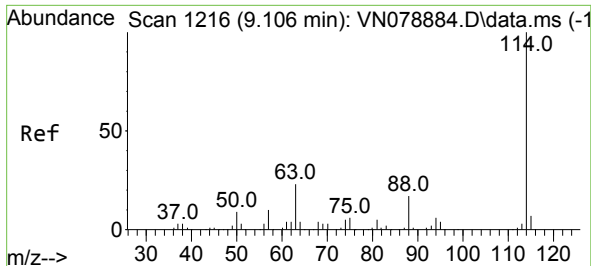
Tgt Ion: 56 Resp: 1431
Ion Ratio Lower Upper
56 100
69 116.1 26.8 40.2#
84 103.4 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 50.457 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079239.D
Acq: 12 Sep 2023 16:47

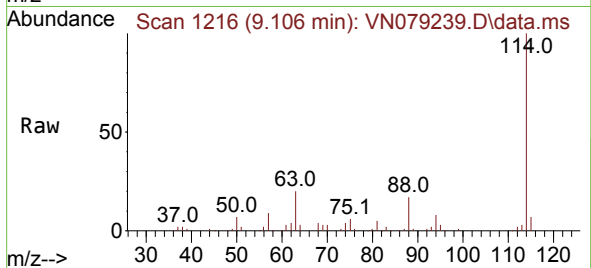
Tgt Ion: 65 Resp: 58174
Ion Ratio Lower Upper
65 100
67 51.2 0.0 106.6



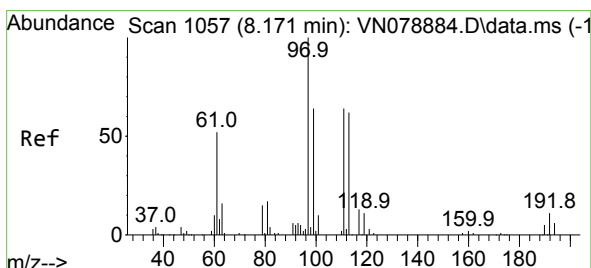
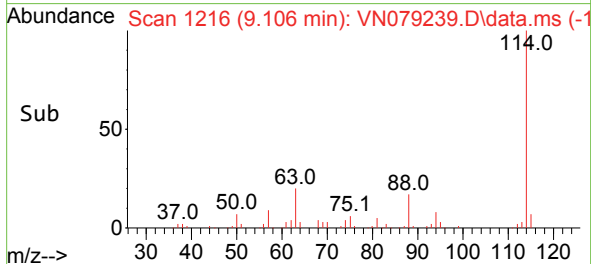
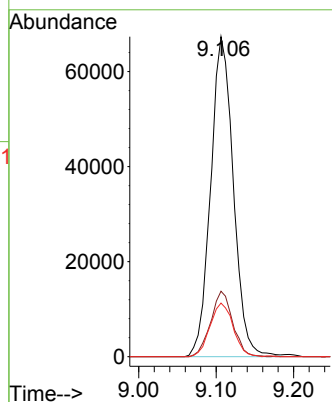


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079239.D
Acq: 12 Sep 2023 16:47

Instrument :
MSVOA_N
ClientSampleId :

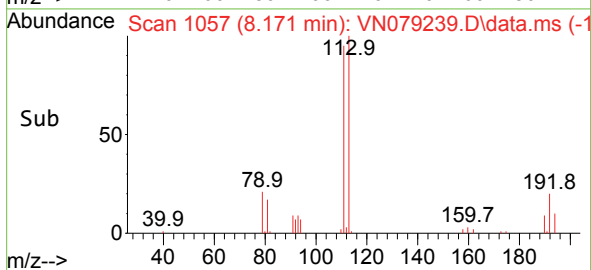
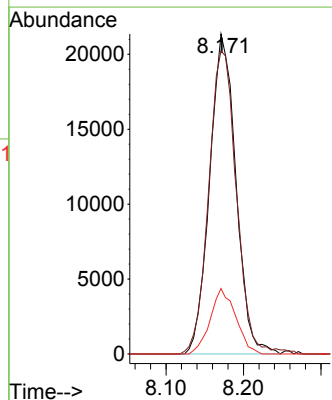
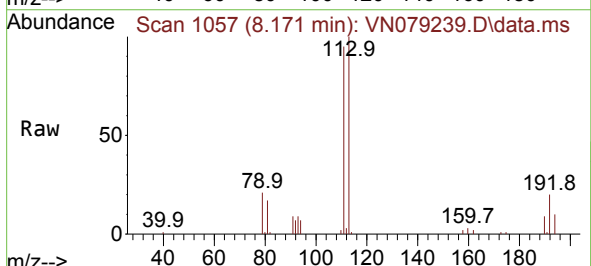


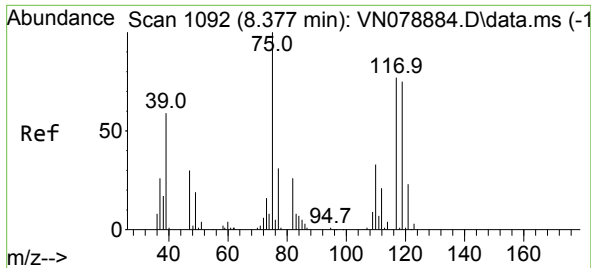
Tgt Ion:114 Resp: 137295
Ion Ratio Lower Upper
114 100
63 20.5 0.0 36.4
88 16.8 0.0 30.6



#35
Dibromofluoromethane
Concen: 55.045 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079239.D
Acq: 12 Sep 2023 16:47

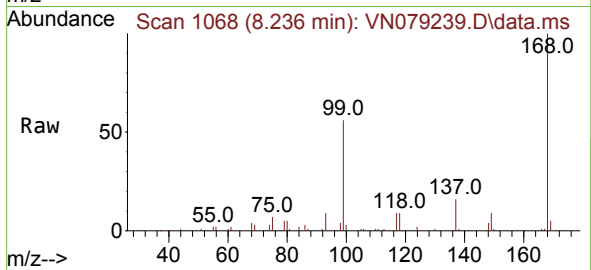
Tgt Ion:113 Resp: 50270
Ion Ratio Lower Upper
113 100
111 100.1 82.6 123.8
192 19.9 12.7 19.1#



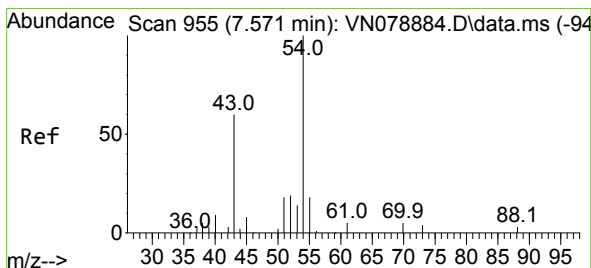
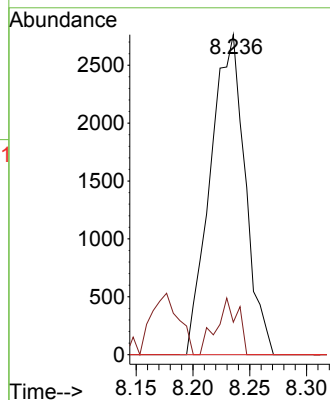
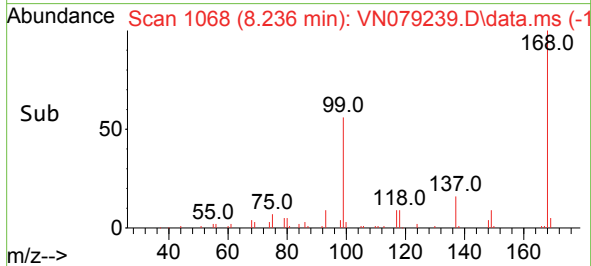


#36
1,1-Dichloropropene
Concen: 4.186 ug/l
RT: 8.236 min Scan# 1092
Delta R.T. -0.141 min
Lab File: VN079239.D
Acq: 12 Sep 2023 16:47

Instrument :
MSVOA_N
ClientSampleId :

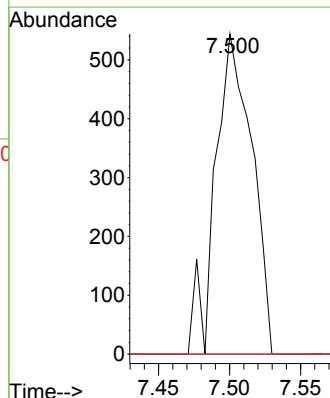
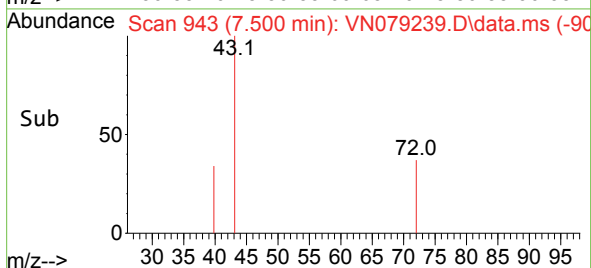
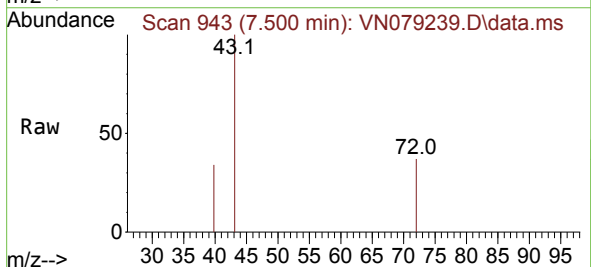


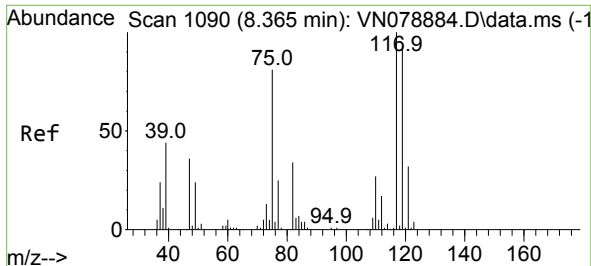
Tgt Ion: 75 Resp: 5893
Ion Ratio Lower Upper
75 100
110 11.1 19.1 57.3#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 0.699 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.071 min
Lab File: VN079239.D
Acq: 12 Sep 2023 16:47

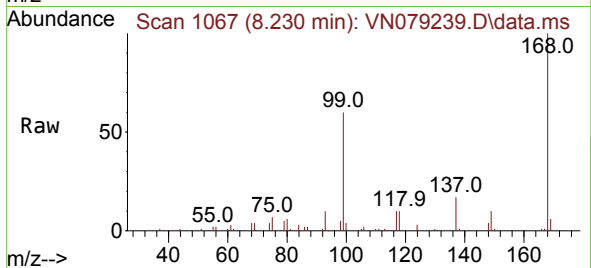
Tgt Ion: 43 Resp: 982
Ion Ratio Lower Upper
43 100
61 0.0 13.2 19.8#
70 0.0 11.3 16.9#



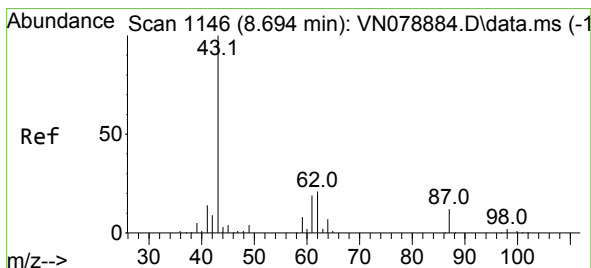
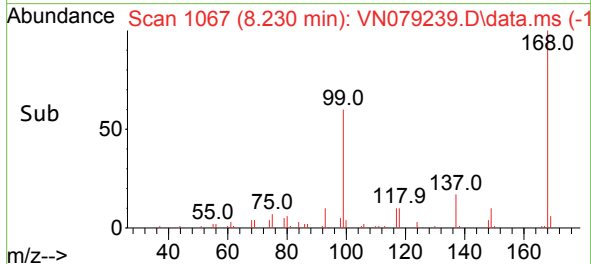
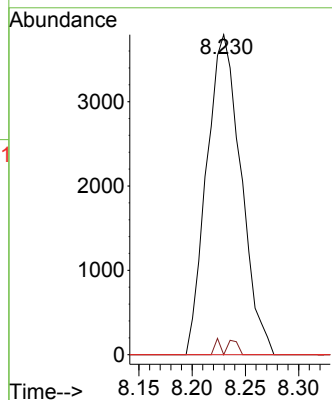


#38
Carbon Tetrachloride
Concen: 5.834 ug/l
RT: 8.230 min Scan# 1165
Delta R.T. -0.141 min
Lab File: VN079239.D
Acq: 12 Sep 2023 16:47

Instrument :
MSVOA_N
ClientSampleId :

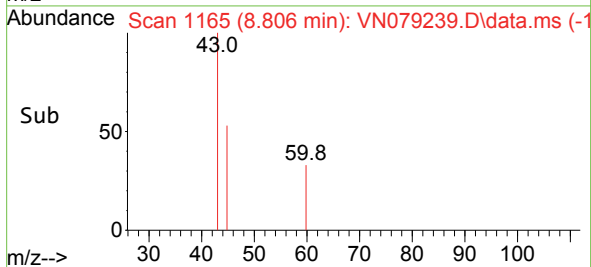
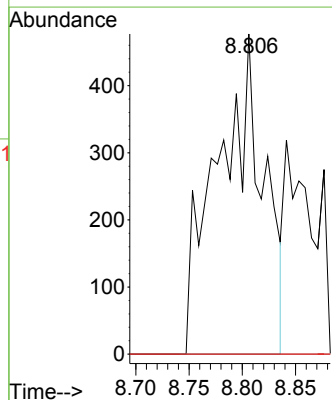
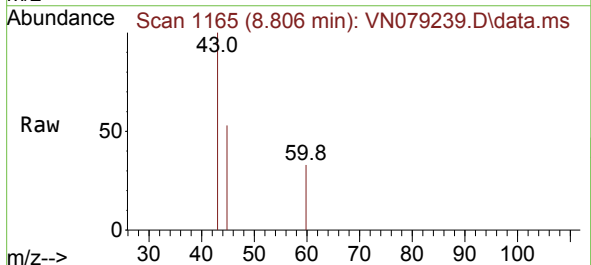


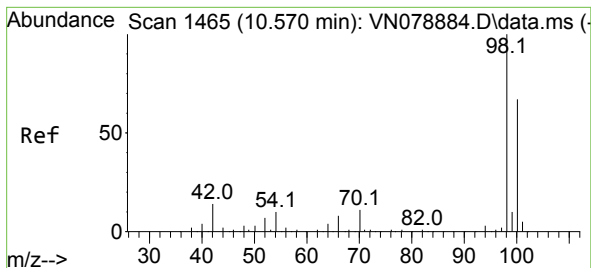
Tgt Ion:117 Resp: 8499
Ion Ratio Lower Upper
117 100
119 0.0 77.3 115.9#
121 0.0 23.3 34.9#



#43
Isopropyl Acetate
Concen: 0.625 ug/l
RT: 8.806 min Scan# 1165
Delta R.T. 0.112 min
Lab File: VN079239.D
Acq: 12 Sep 2023 16:47

Tgt Ion: 43 Resp: 1433
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#





#50

Toluene-d8

Concen: 51.944 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079239.D

Acq: 12 Sep 2023 16:47

Instrument :

MSVOA_N

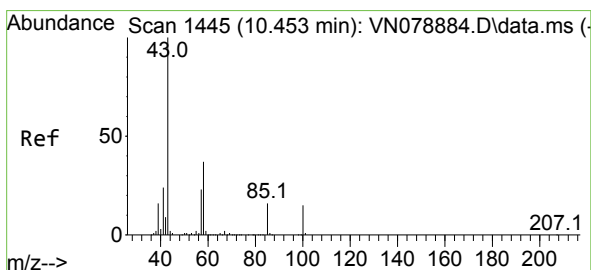
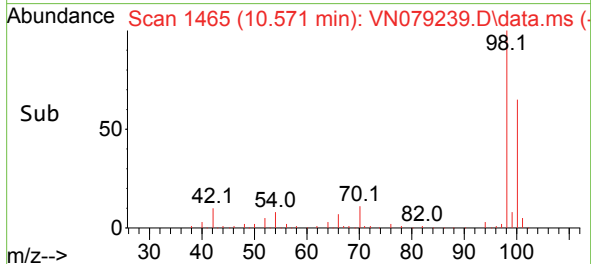
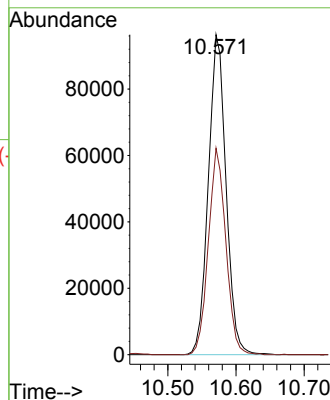
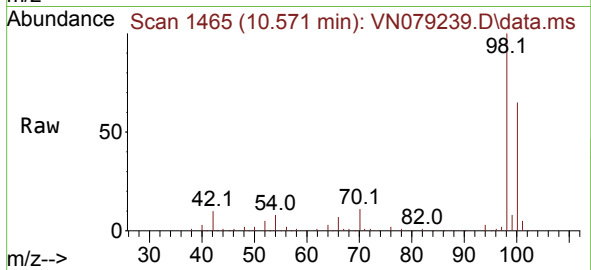
ClientSampleId :

Tgt Ion: 98 Resp: 174185

Ion Ratio Lower Upper

98 100

100 63.7 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 2.821 ug/l

RT: 10.453 min Scan# 1445

Delta R.T. 0.000 min

Lab File: VN079239.D

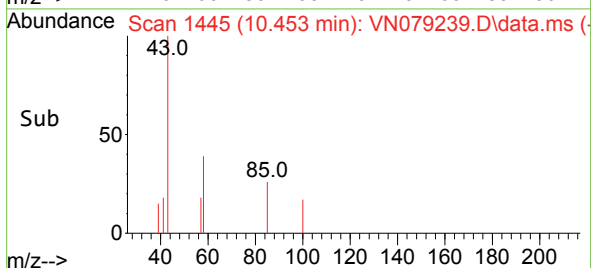
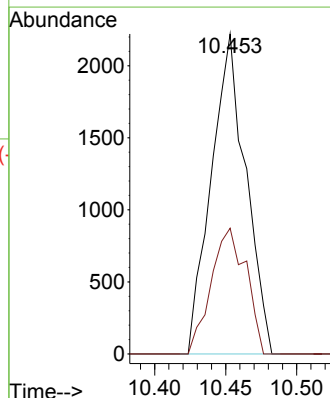
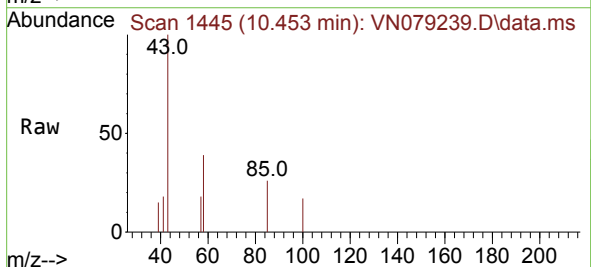
Acq: 12 Sep 2023 16:47

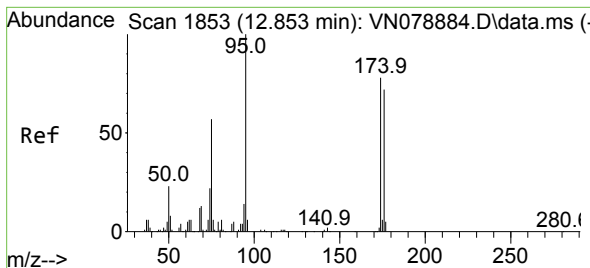
Tgt Ion: 43 Resp: 3752

Ion Ratio Lower Upper

43 100

58 39.8 36.6 54.8

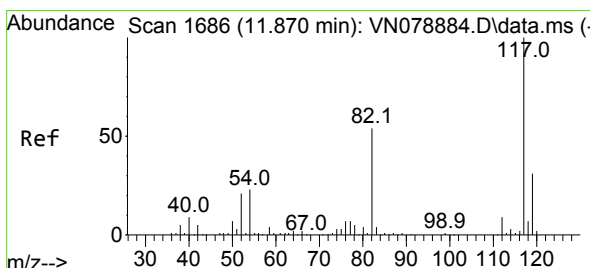
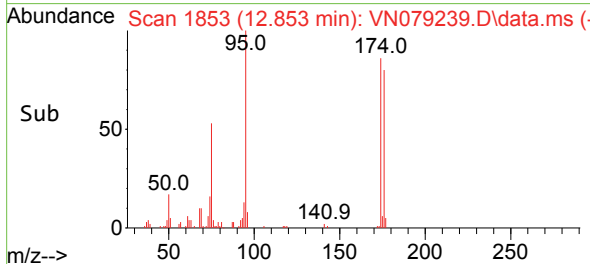
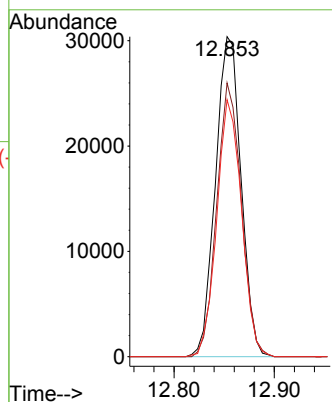
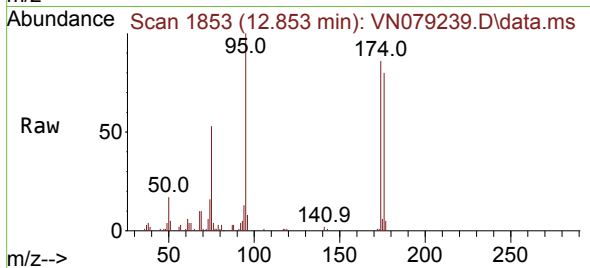




#62
4-Bromofluorobenzene
Concen: 50.389 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079239.D
Acq: 12 Sep 2023 16:47

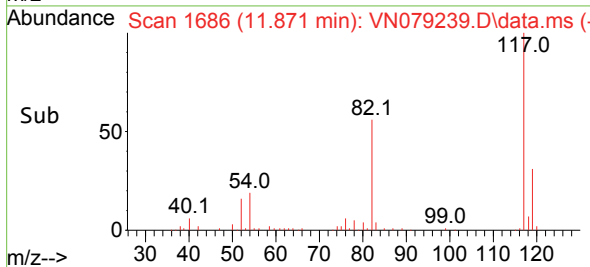
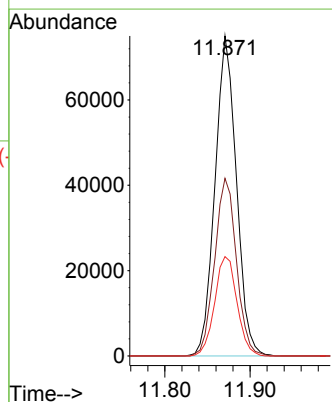
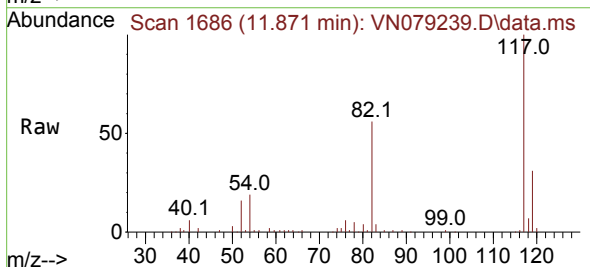
Instrument :
MSVOA_N
ClientSampleId :

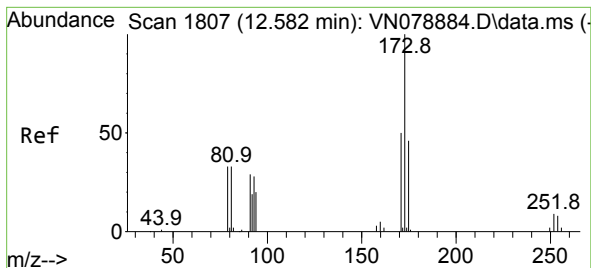
Tgt Ion: 95 Resp: 53899
Ion Ratio Lower Upper
95 100
174 82.2 0.0 143.8
176 77.7 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079239.D
Acq: 12 Sep 2023 16:47

Tgt Ion: 117 Resp: 130830
Ion Ratio Lower Upper
117 100
82 55.5 44.0 66.0
119 31.1 25.6 38.4





#71

Bromoform

Concen: 0.475 ug/l

RT: 12.853 min Scan# 11

Delta R.T. 0.271 min

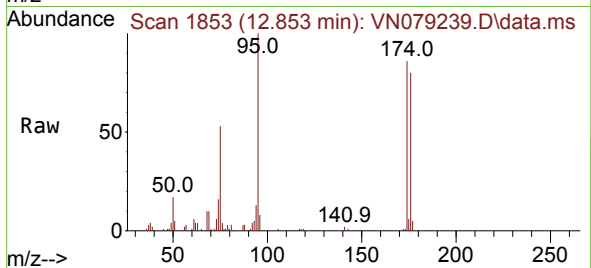
Lab File: VN079239.D

Acq: 12 Sep 2023 16:47

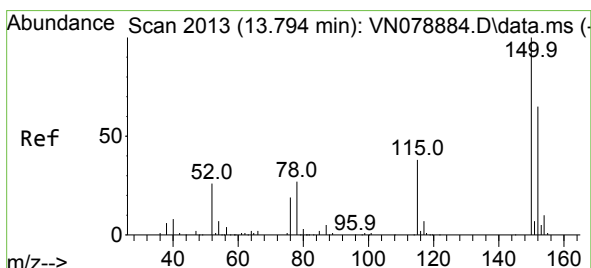
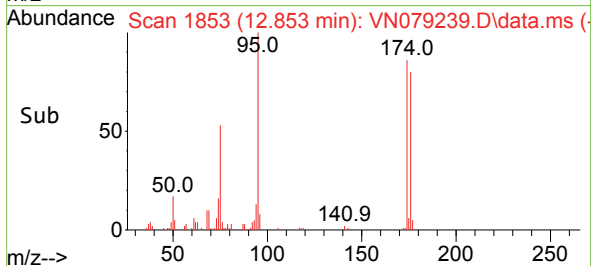
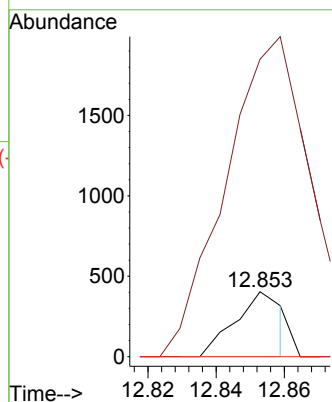
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	173	Resp:	390
Ion Ratio	Lower	Upper	
173	100		
175	0.0	24.3	73.0#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

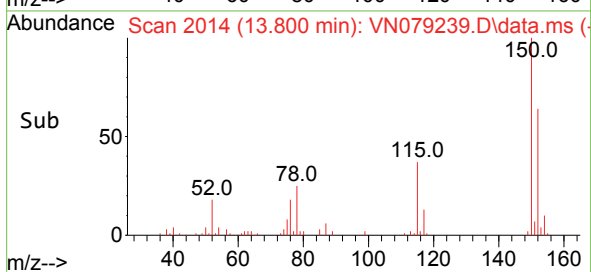
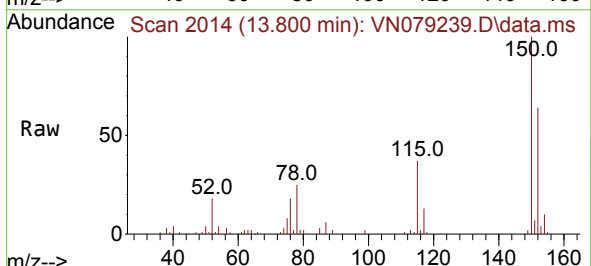
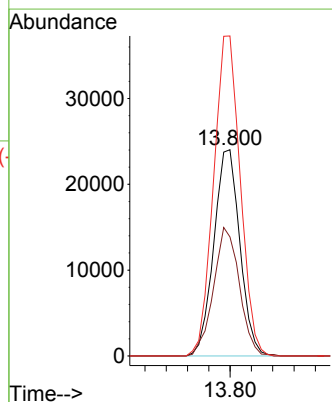
RT: 13.800 min Scan# 2014

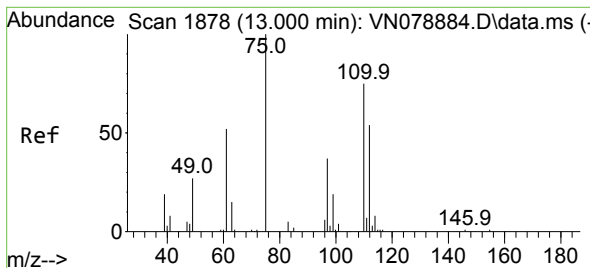
Delta R.T. 0.006 min

Lab File: VN079239.D

Acq: 12 Sep 2023 16:47

Tgt Ion:	152	Resp:	40829
Ion Ratio	Lower	Upper	
152	100		
115	62.0	32.3	96.8
150	158.2	0.0	355.8





#76

1,2,3-Trichloropropane

Concen: 26.303 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN079239.D

Acq: 12 Sep 2023 16:47

Instrument :

MSVOA_N

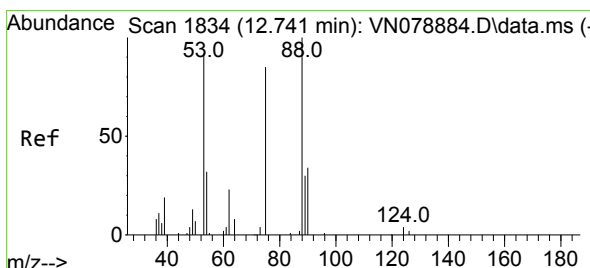
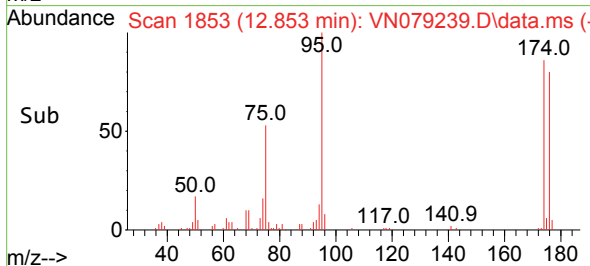
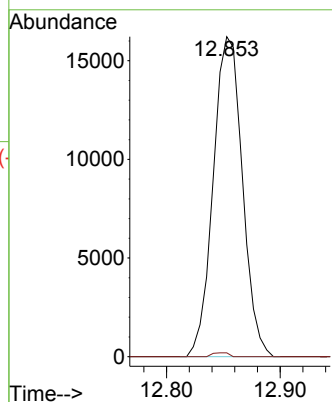
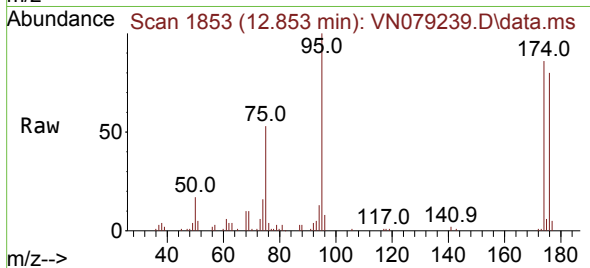
ClientSampleId :

Tgt Ion: 75 Resp: 28944

Ion Ratio Lower Upper

75 100

77 0.7 84.5 253.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 72.313 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN079239.D

Acq: 12 Sep 2023 16:47

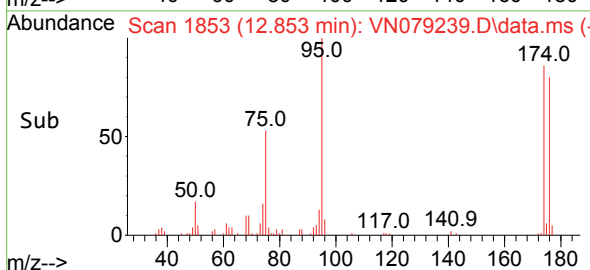
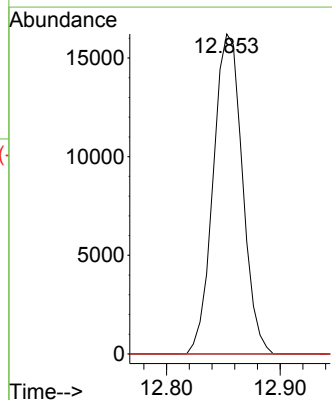
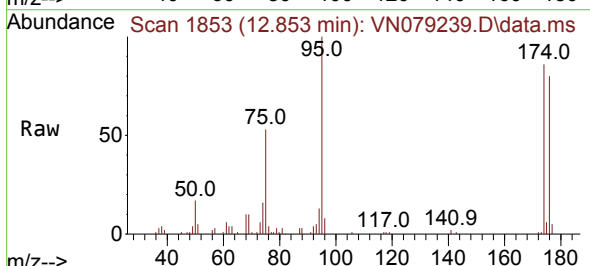
Tgt Ion: 75 Resp: 28944

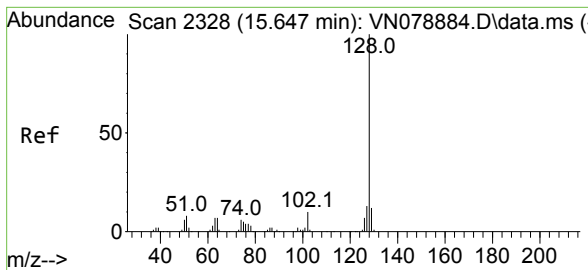
Ion Ratio Lower Upper

75 100

53 0.0 67.4 101.2#

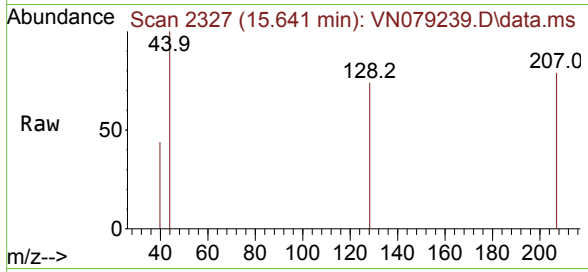
89 0.0 38.8 58.2#





#95
 Naphthalene
 Concen: 0.347 ug/l
 RT: 15.641 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN079239.D
 Acq: 12 Sep 2023 16:47

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	128	Resp:	564
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.0	15.0#
129	0.0	8.7	13.1#

