

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110223\
 Data File : VN079832.D
 Acq On : 03 Nov 2023 07:56
 Operator : JC\MD
 Sample : 05222-17
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 03 08:53:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

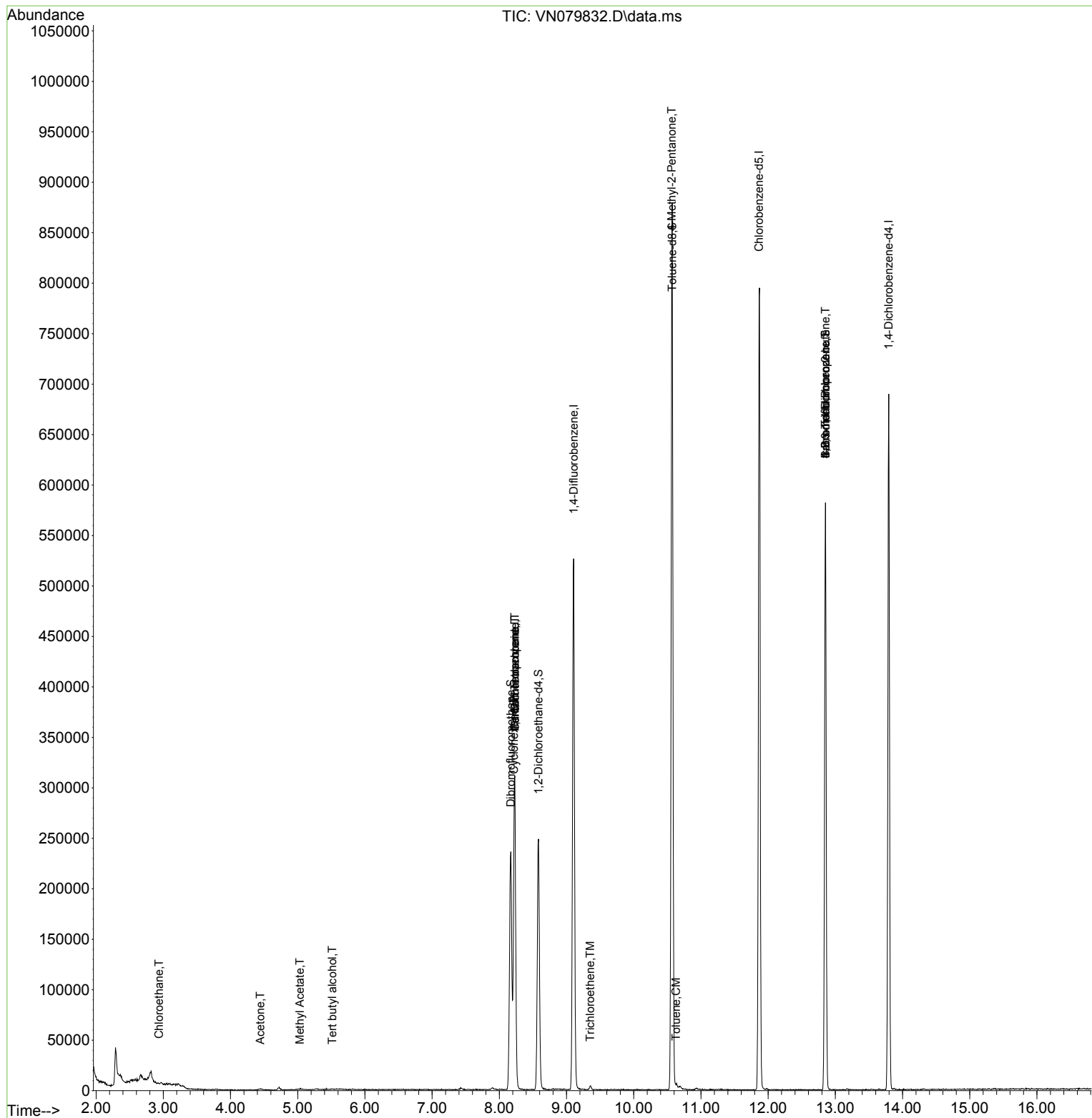
Internal Standards						
1) Pentafluorobenzene	8.230	168	219472	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	434090	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	452012	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	176608	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	200394	59.931	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 119.860%	
35) Dibromofluoromethane	8.171	113	168756	54.928	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.860%	
50) Toluene-d8	10.571	98	583908	51.626	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.260%	
62) 4-Bromofluorobenzene	12.853	95	191445	51.038	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.080%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	1835	Below Cal		99
6) Chloroethane	2.936	64	669	0.245 ug/l	#	43
11) Tert butyl alcohol	5.512	59	93	0.218 ug/l	#	72
16) Acetone	4.442	43	1659	1.412 ug/l		97
18) Methyl Acetate	5.030	43	1800	0.320 ug/l	#	50
31) Cyclohexane	8.218	56	6198	1.403 ug/l	#	50
36) 1,1-Dichloropropene	8.230	75	20002	4.560 ug/l	#	46
38) Carbon Tetrachloride	8.230	117	24063	5.443 ug/l	#	15
44) Trichloroethene	9.353	130	1378	0.423 ug/l		88
51) 4-Methyl-2-Pentanone	10.565	43	3014	0.759 ug/l	#	1
52) Toluene	10.630	92	1704	0.219 ug/l		88
71) Bromoform	12.853	173	1498	0.597 ug/l	#	1
76) 1,2,3-Trichloropropane	12.853	75	104805	25.277 ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.853	75	104805	68.773 ug/l	#	15

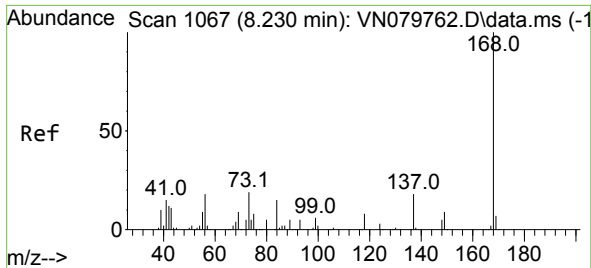
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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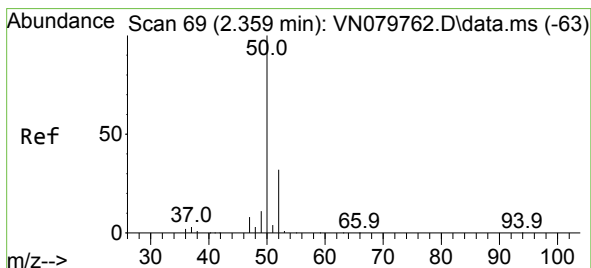
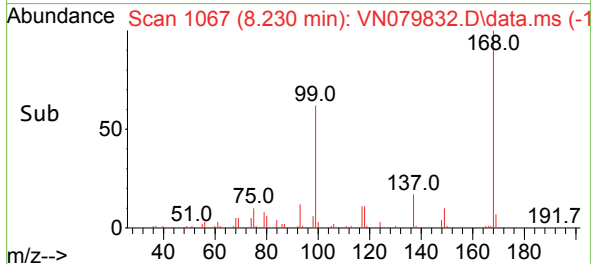
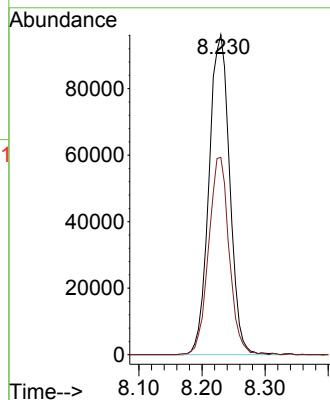
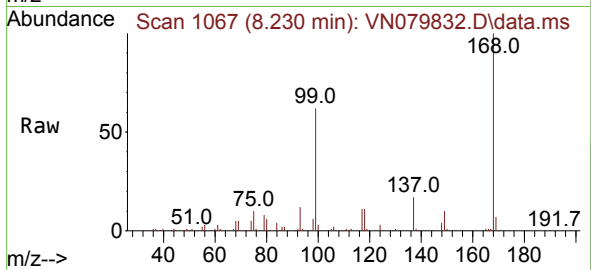




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.001 min
Lab File: VN079832.D
Acq: 03 Nov 2023 07:56

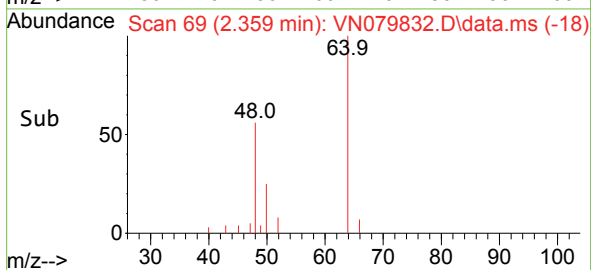
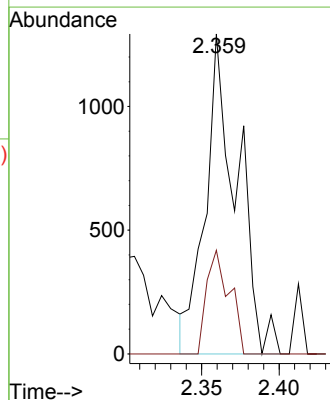
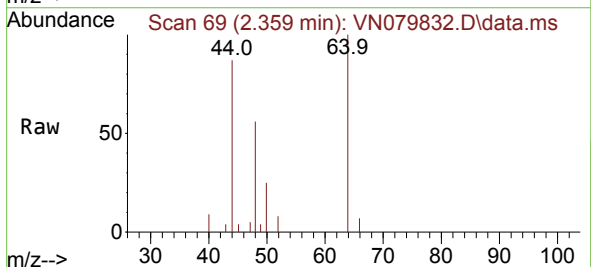
Instrument :
MSVOA_N
ClientSampleId :

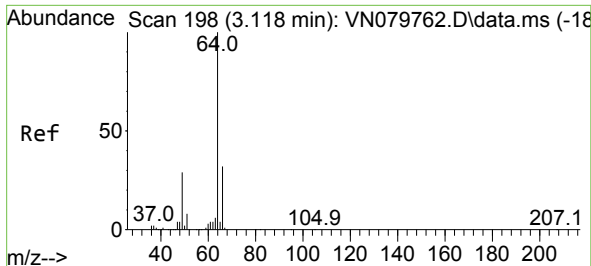
Tgt Ion:168 Resp: 219472
Ion Ratio Lower Upper
168 100
99 61.7 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN079832.D
Acq: 03 Nov 2023 07:56

Tgt Ion: 50 Resp: 1835
Ion Ratio Lower Upper
50 100
52 32.4 26.5 39.7

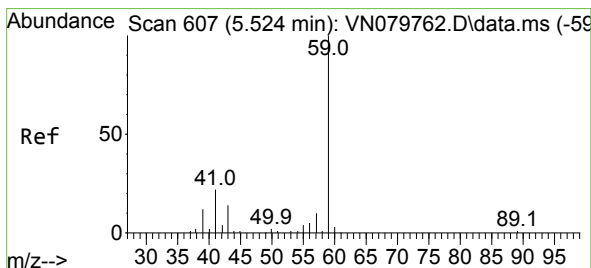
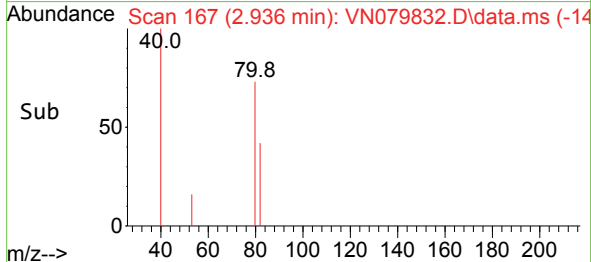
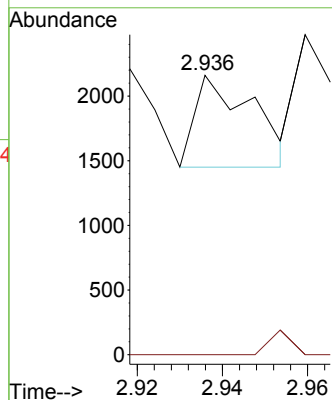
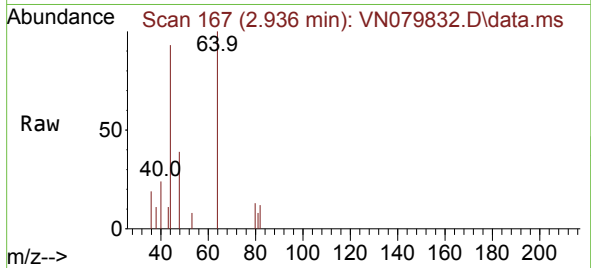




#6
Chloroethane
Concen: 0.245 ug/l
RT: 2.936 min Scan# 1
Delta R.T. -0.182 min
Lab File: VN079832.D
Acq: 03 Nov 2023 07:56

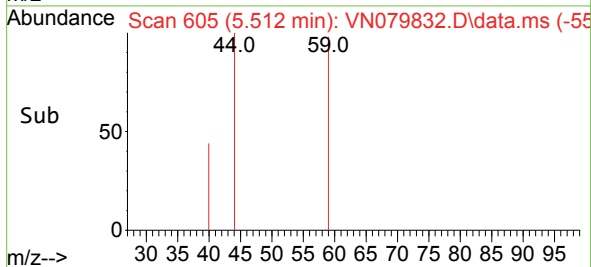
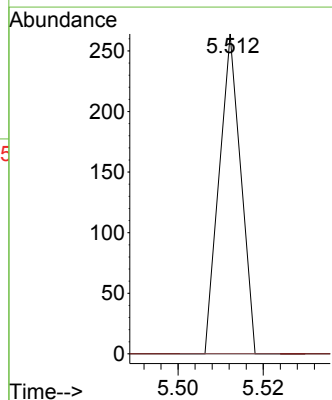
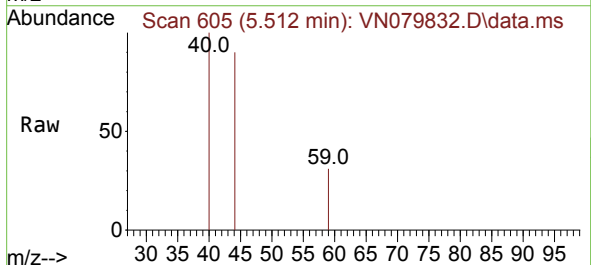
Instrument :
MSVOA_N
ClientSampleId :

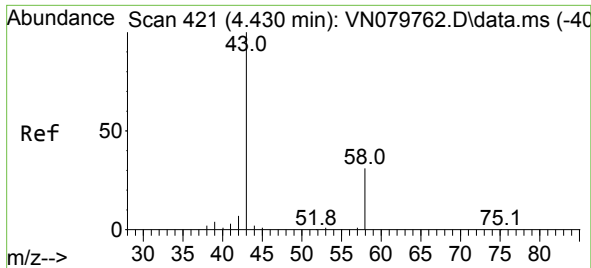
Tgt Ion: 64 Resp: 669
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#11
Tert butyl alcohol
Concen: 0.218 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN079832.D
Acq: 03 Nov 2023 07:56

Tgt Ion: 59 Resp: 93
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

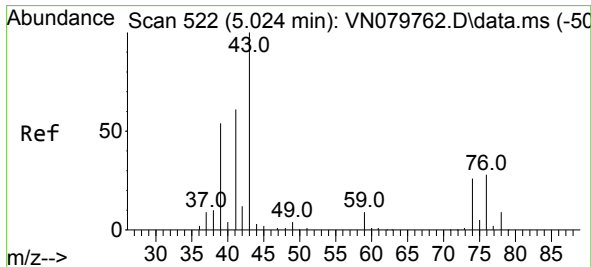
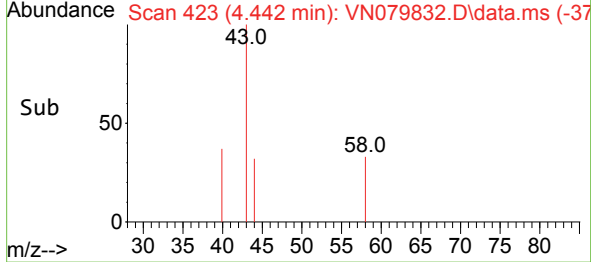
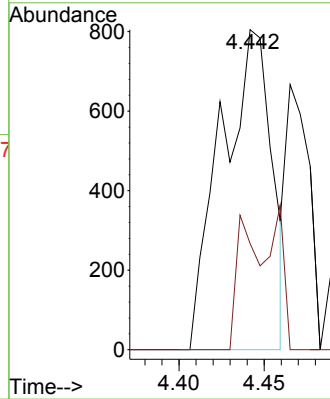
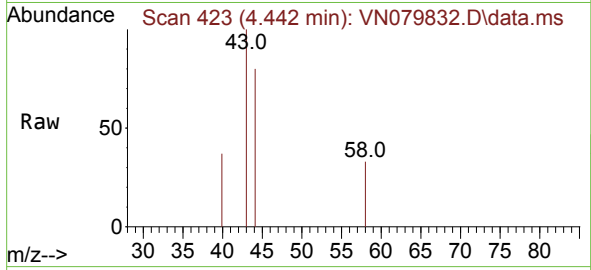




#16
Acetone
Concen: 1.412 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN079832.D
Acq: 03 Nov 2023 07:56

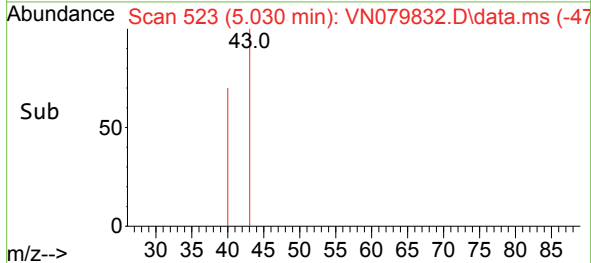
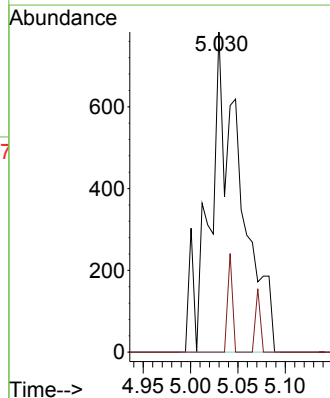
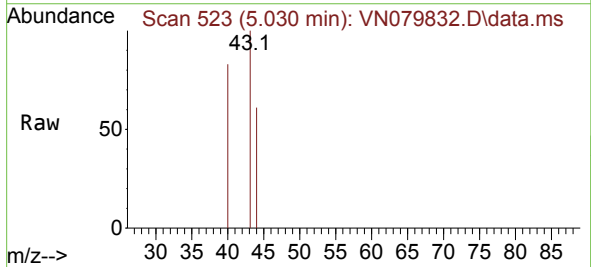
Instrument :
MSVOA_N
ClientSampleId :

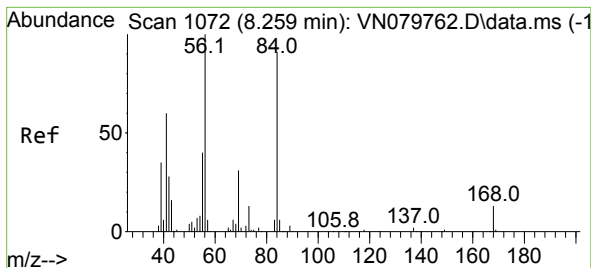
Tgt Ion: 43 Resp: 1659
Ion Ratio Lower Upper
43 100
58 33.2 28.0 42.0



#18
Methyl Acetate
Concen: 0.320 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN079832.D
Acq: 03 Nov 2023 07:56

Tgt Ion: 43 Resp: 1800
Ion Ratio Lower Upper
43 100
74 4.7 26.2 39.4#





#31

Cyclohexane

Concen: 1.403 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.041 min

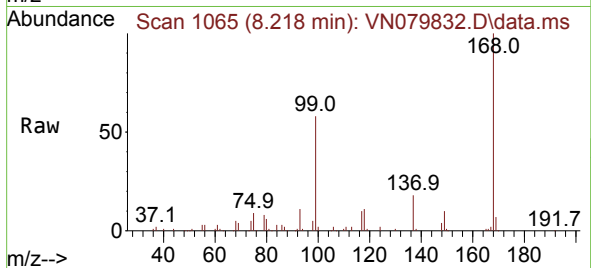
Lab File: VN079832.D

Acq: 03 Nov 2023 07:56

Instrument :

MSVOA_N

ClientSampleId :



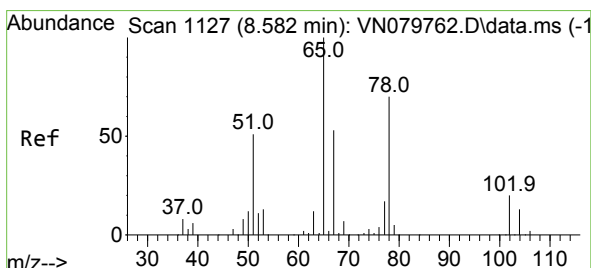
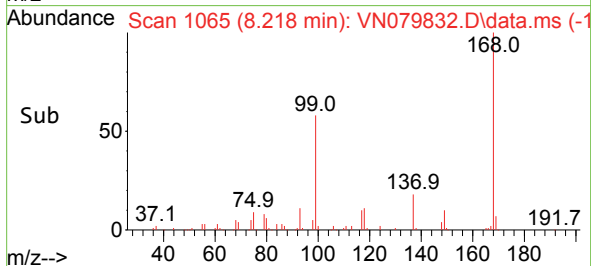
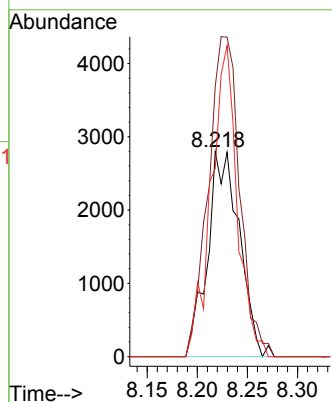
Tgt Ion: 56 Resp: 6198

Ion Ratio Lower Upper

56 100

69 131.7 26.8 40.2#

84 91.7 81.8 122.6



#33

1,2-Dichloroethane-d4

Concen: 59.931 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079832.D

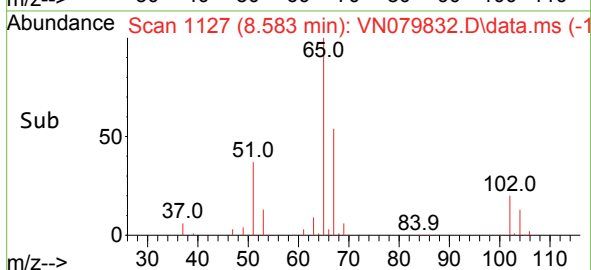
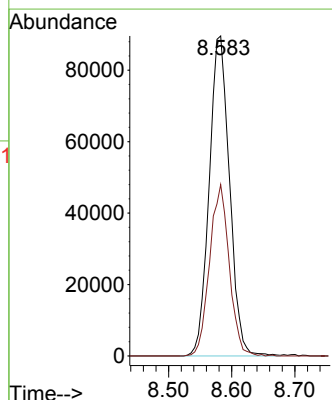
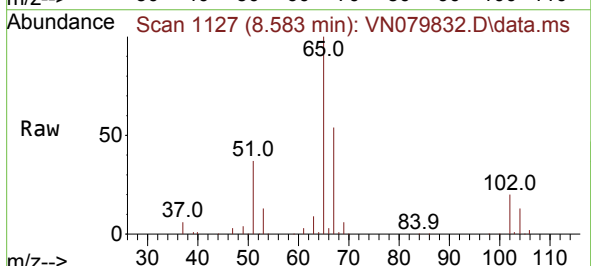
Acq: 03 Nov 2023 07:56

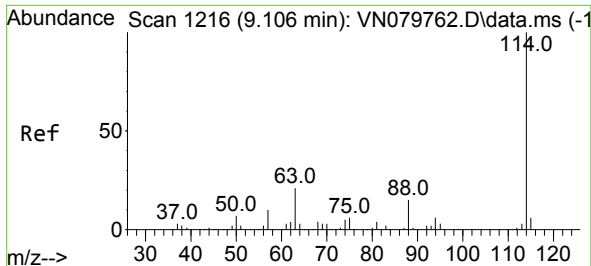
Tgt Ion: 65 Resp: 200394

Ion Ratio Lower Upper

65 100

67 51.7 0.0 106.6

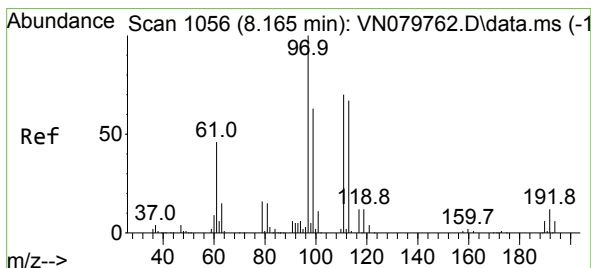
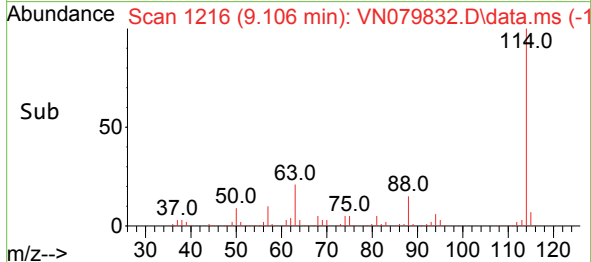
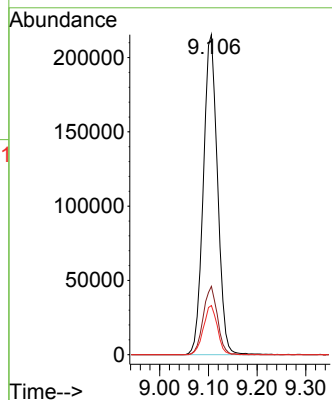
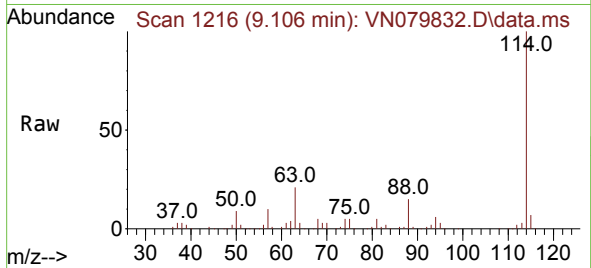




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079832.D
Acq: 03 Nov 2023 07:56

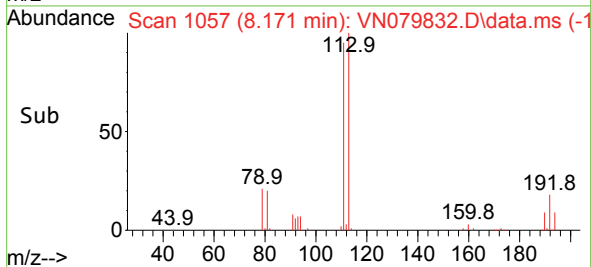
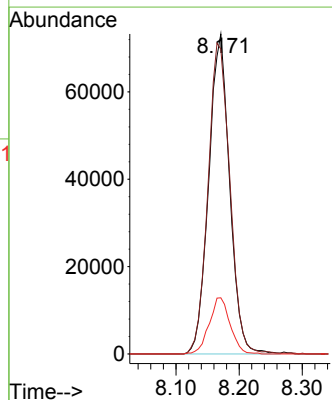
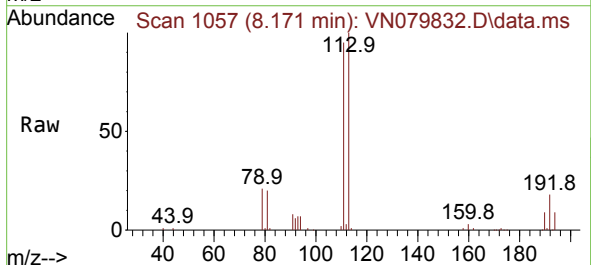
Instrument :
MSVOA_N
ClientSampleId :

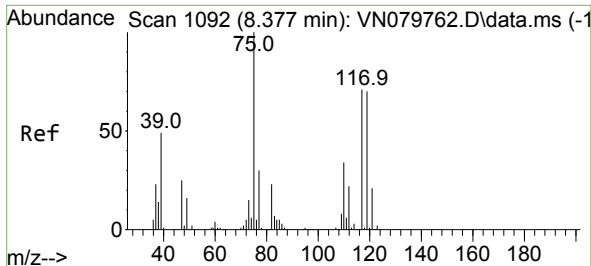
Tgt Ion:114 Resp: 434090
Ion Ratio Lower Upper
114 100
63 21.3 0.0 36.4
88 15.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 54.928 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079832.D
Acq: 03 Nov 2023 07:56

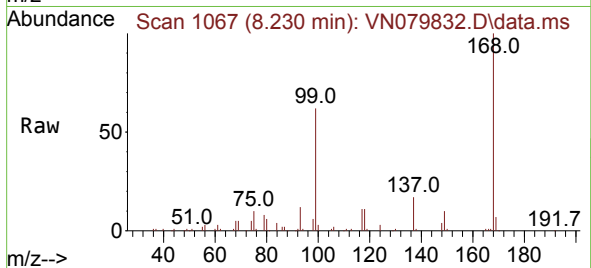
Tgt Ion:113 Resp: 168756
Ion Ratio Lower Upper
113 100
111 101.6 82.6 123.8
192 17.6 12.7 19.1



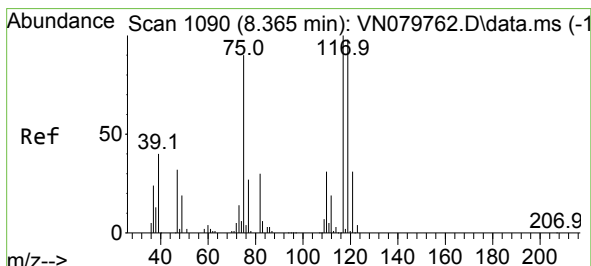
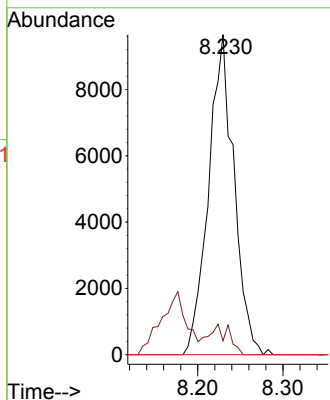
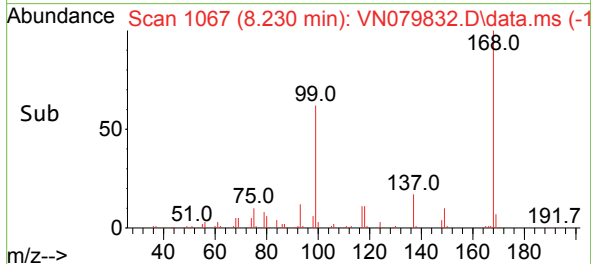


#36
1,1-Dichloropropene
Concen: 4.560 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN079832.D
Acq: 03 Nov 2023 07:56

Instrument :
MSVOA_N
ClientSampleId :

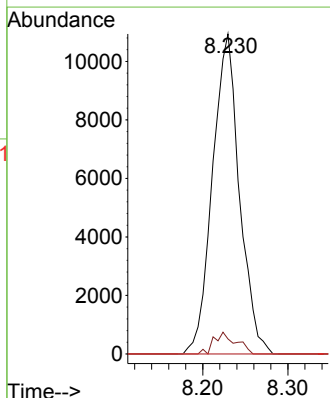
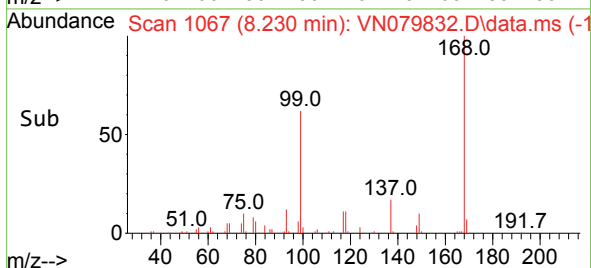
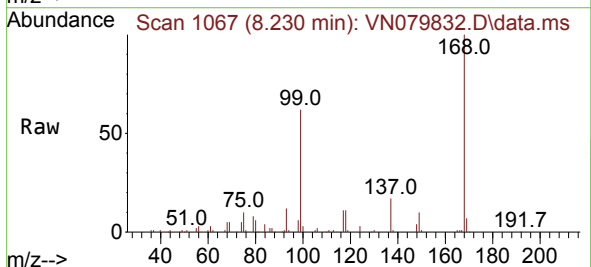


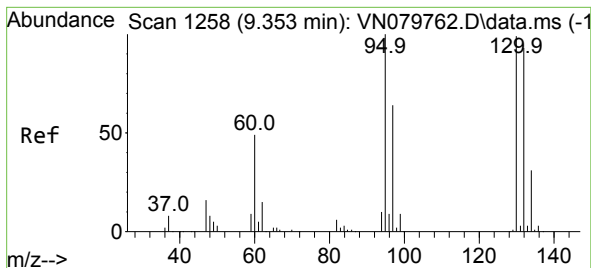
Tgt Ion: 75 Resp: 20002
Ion Ratio Lower Upper
75 100
110 7.0 19.1 57.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.443 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.129 min
Lab File: VN079832.D
Acq: 03 Nov 2023 07:56

Tgt Ion: 117 Resp: 24063
Ion Ratio Lower Upper
117 100
119 4.7 77.3 115.9#
121 0.0 23.3 34.9#





#44

Trichloroethene

Concen: 0.423 ug/l

RT: 9.353 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079832.D

Acq: 03 Nov 2023 07:56

Instrument :

MSVOA_N

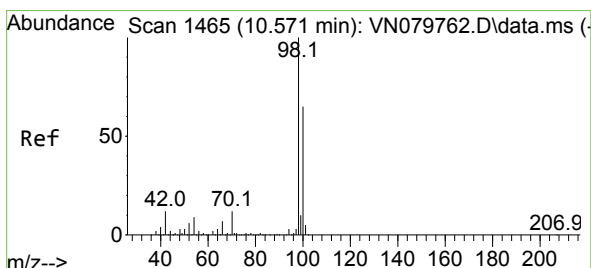
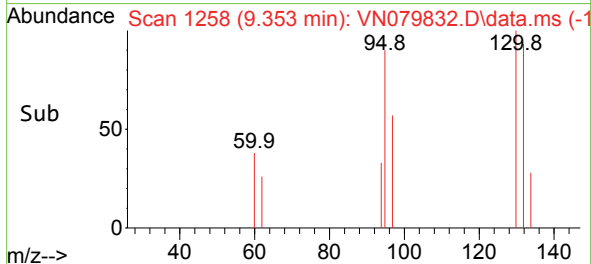
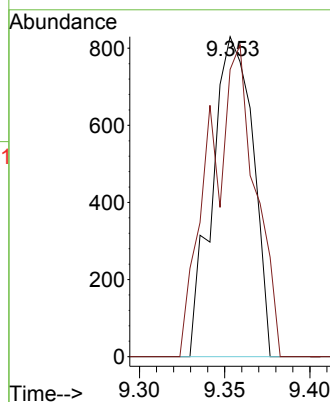
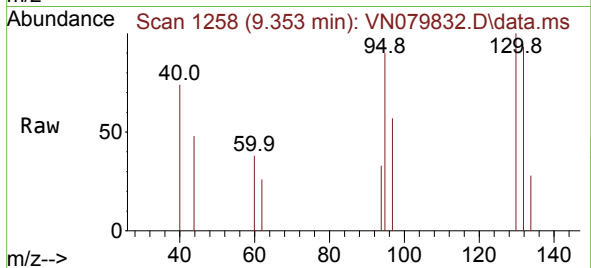
ClientSampleId :

Tgt Ion:130 Resp: 1378

Ion Ratio Lower Upper

130 100

95 89.8 0.0 204.6



#50

Toluene-d8

Concen: 51.626 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079832.D

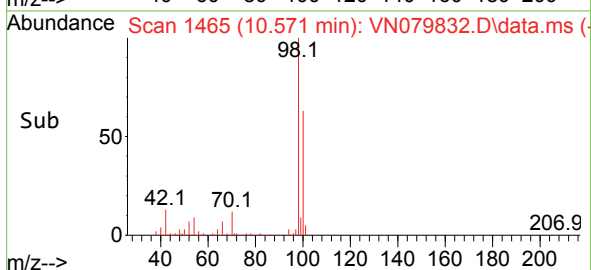
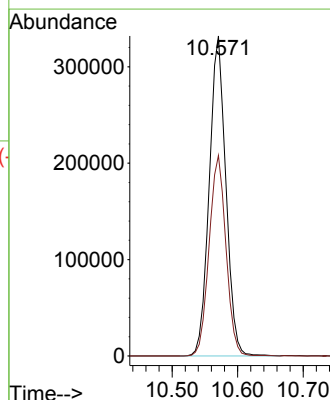
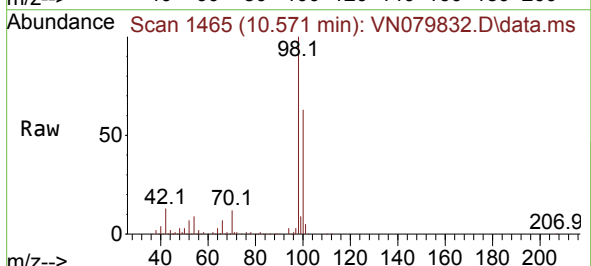
Acq: 03 Nov 2023 07:56

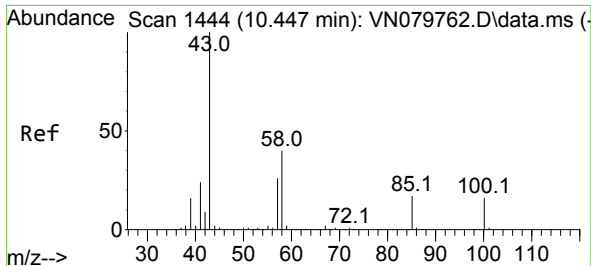
Tgt Ion: 98 Resp: 583908

Ion Ratio Lower Upper

98 100

100 63.6 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 0.759 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.118 min

Lab File: VN079832.D

Acq: 03 Nov 2023 07:56

Instrument :

MSVOA_N

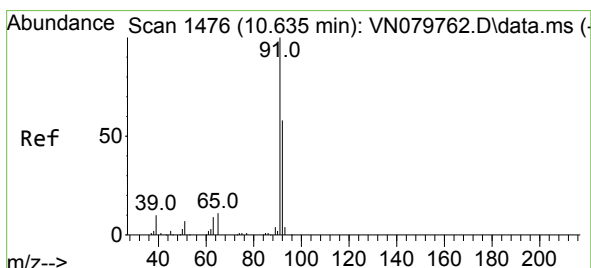
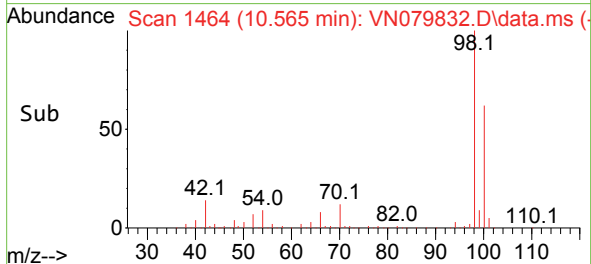
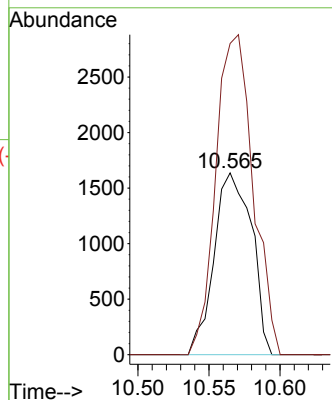
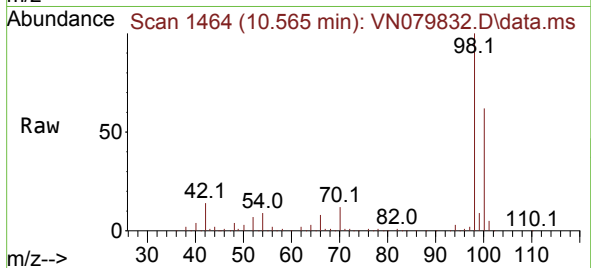
ClientSampleId :

Tgt Ion: 43 Resp: 3014

Ion Ratio Lower Upper

43 100

58 174.5 36.6 54.8#



#52

Toluene

Concen: 0.219 ug/l

RT: 10.630 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VN079832.D

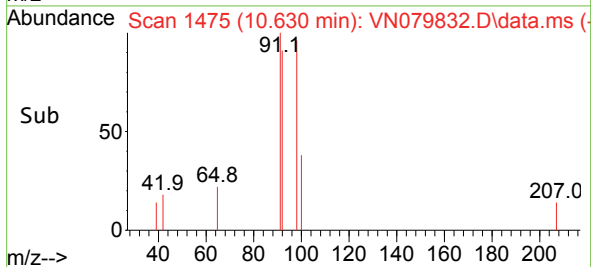
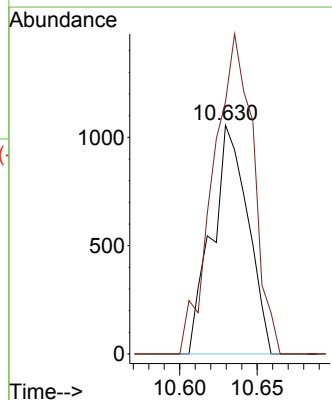
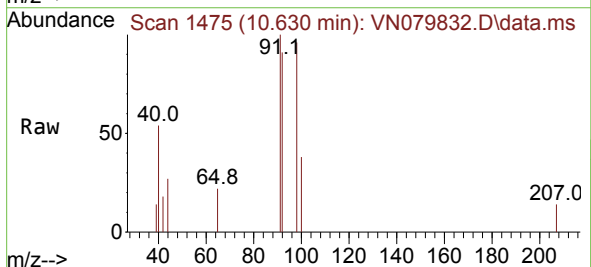
Acq: 03 Nov 2023 07:56

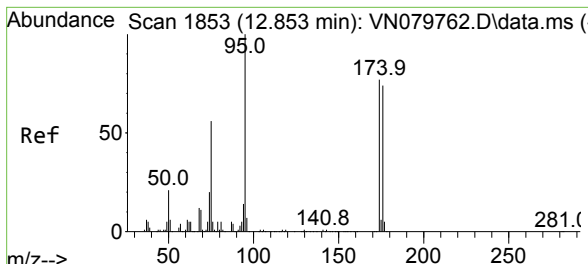
Tgt Ion: 92 Resp: 1704

Ion Ratio Lower Upper

92 100

91 155.6 137.4 206.0

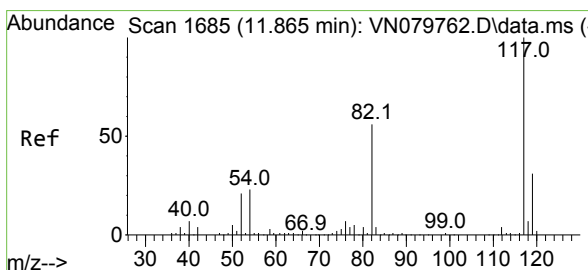
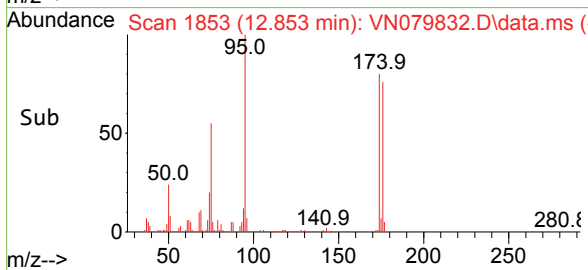
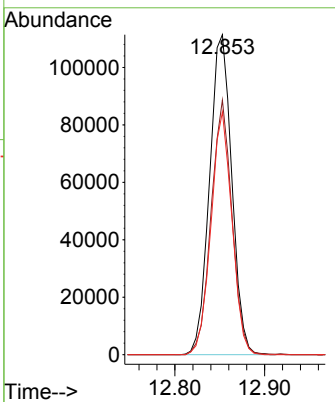
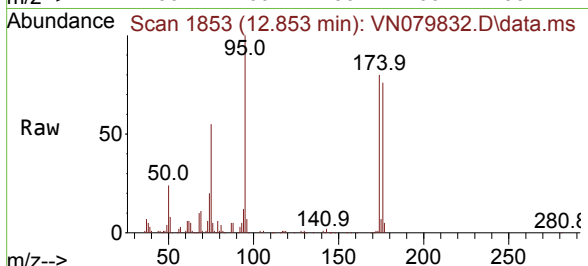




#62
 4-Bromofluorobenzene
 Concen: 51.038 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VN079832.D
 Acq: 03 Nov 2023 07:56

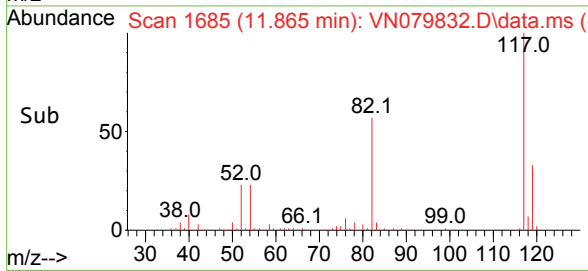
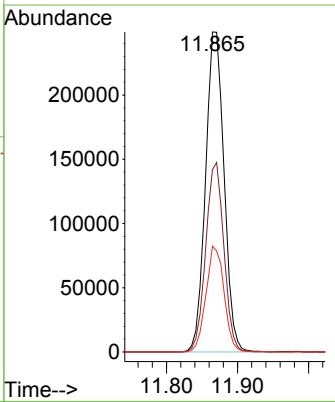
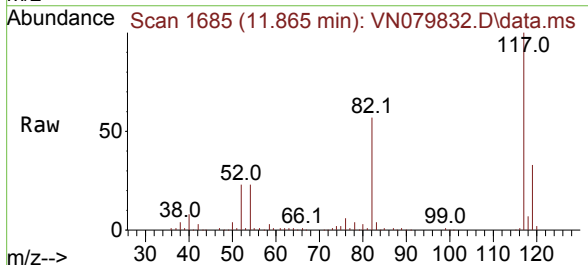
Instrument :
 MSVOA_N
 ClientSampleId :

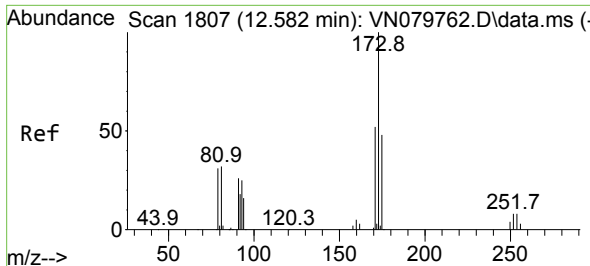
Tgt Ion:	95	Resp:	191445
Ion Ratio	Lower	Upper	
95	100		
174	75.1	0.0	143.8
176	71.4	0.0	135.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.865 min Scan# 1685
 Delta R.T. -0.006 min
 Lab File: VN079832.D
 Acq: 03 Nov 2023 07:56

Tgt Ion:	117	Resp:	452012
Ion Ratio	Lower	Upper	
117	100		
82	57.0	44.0	66.0
119	33.1	25.6	38.4

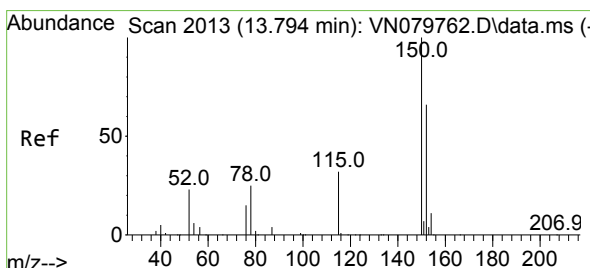
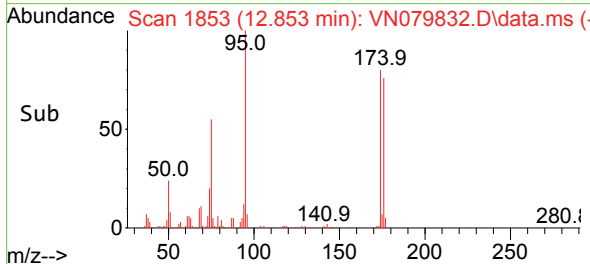
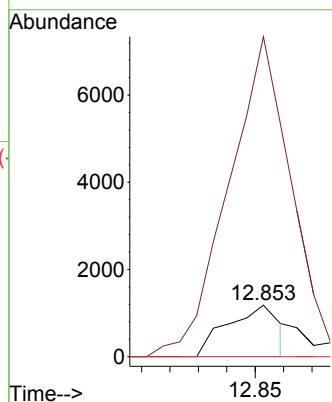
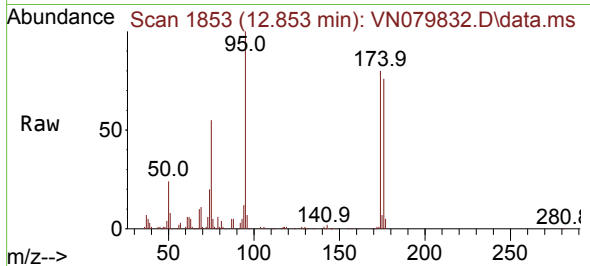




#71
Bromoform
Concen: 0.597 ug/l
RT: 12.853 min Scan# 1807
Delta R.T. 0.271 min
Lab File: VN079832.D
Acq: 03 Nov 2023 07:56

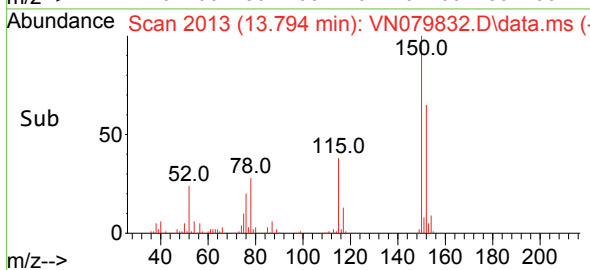
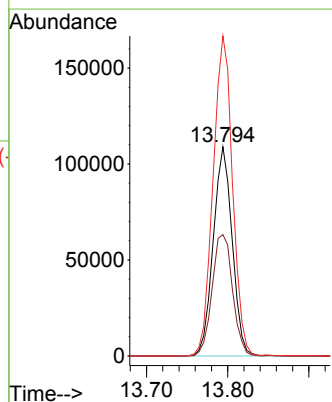
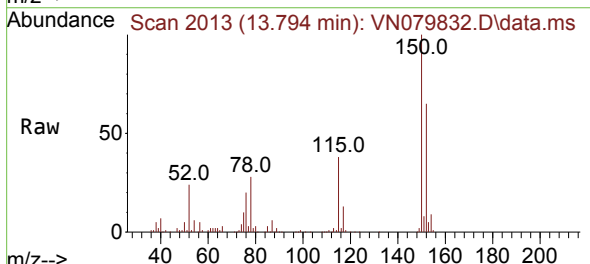
Instrument :
MSVOA_N
ClientSampleId :

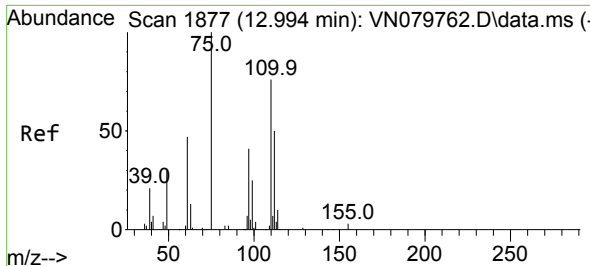
Tgt Ion:173 Resp: 1498
Ion Ratio Lower Upper
173 100
175 623.8 24.3 73.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN079832.D
Acq: 03 Nov 2023 07:56

Tgt Ion:152 Resp: 176608
Ion Ratio Lower Upper
152 100
115 62.6 32.3 96.8
150 156.9 0.0 355.8

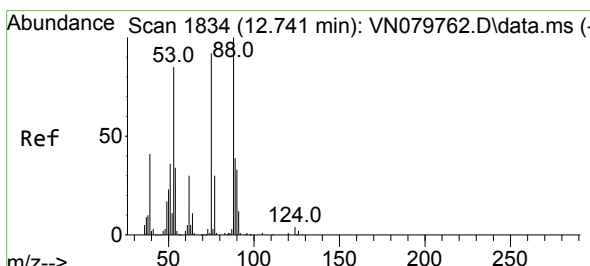
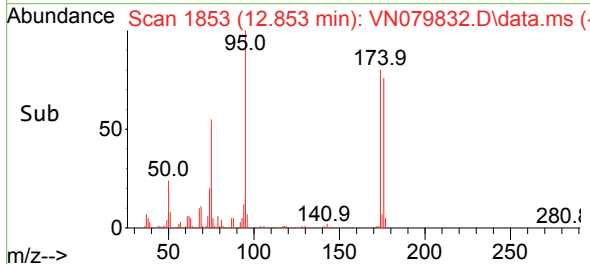
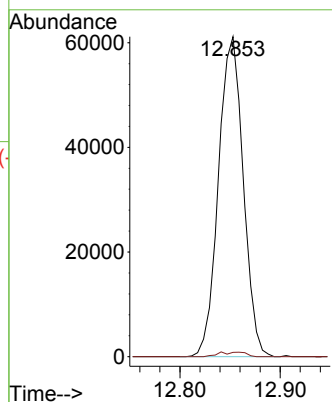
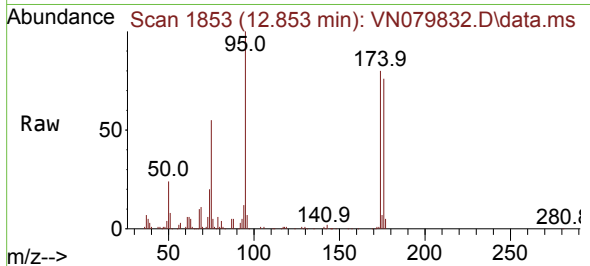




#76
1,2,3-Trichloropropane
Concen: 25.277 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN079832.D
Acq: 03 Nov 2023 07:56

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 104805
Ion Ratio Lower Upper
75 100
77 1.5 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.773 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN079832.D
Acq: 03 Nov 2023 07:56

Tgt Ion: 75 Resp: 104805
Ion Ratio Lower Upper
75 100
53 0.1 67.4 101.2#
89 0.0 38.8 58.2#

