

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091223\
 Data File : VN079242.D
 Acq On : 12 Sep 2023 17:59
 Operator : JC\MD
 Sample : 04353-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 13 01:35:25 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)

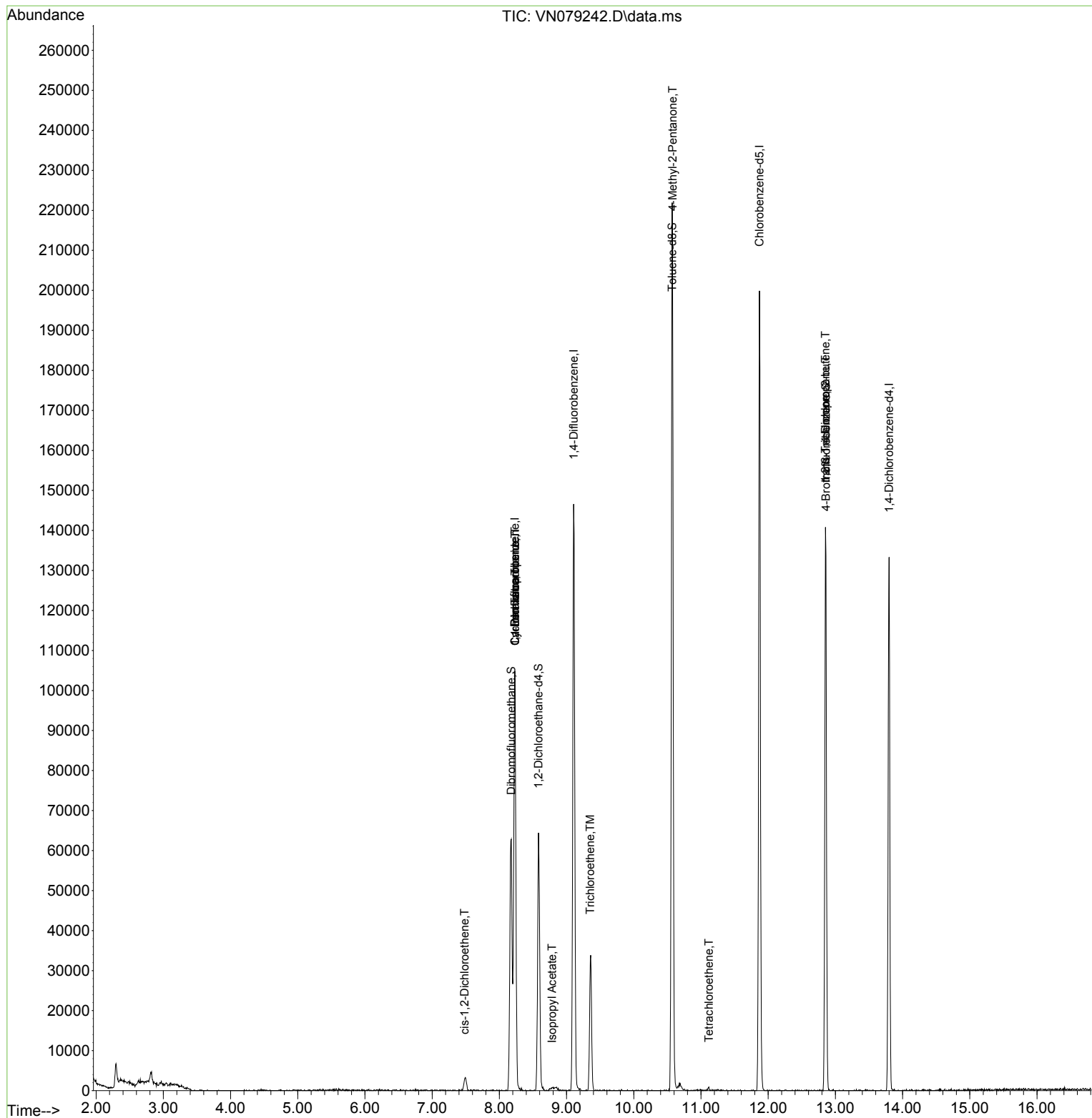
Internal Standards						
1) Pentafluorobenzene	8.229	168	79076	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	130190	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	121404	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	38989	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	55887	52.356	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.720%	
35) Dibromofluoromethane	8.177	113	45391	52.415	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.820%	
50) Toluene-d8	10.570	98	159985	50.313	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.620%	
62) 4-Bromofluorobenzene	12.859	95	50656	49.942	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.880%	
Target Compounds						
					Qvalue	
6) Chloroethane	3.100	64	201	Below Cal	#	43
27) cis-1,2-Dichloroethene	7.482	96	2367	2.116	ug/l	93
31) Cyclohexane	8.235	56	1286	0.825	ug/l #	18
36) 1,1-Dichloropropene	8.235	75	5935	4.446	ug/l #	46
38) Carbon Tetrachloride	8.235	117	8422	6.097	ug/l #	16
43) Isopropyl Acetate	8.782	43	979	0.451	ug/l #	49
44) Trichloroethene	9.353	130	13325	13.237	ug/l	89
51) 4-Methyl-2-Pentanone	10.576	43	572	0.454	ug/l #	1
64) Tetrachloroethene	11.118	164	239	0.270	ug/l #	30
76) 1,2,3-Trichloropropane	12.853	75	26606	25.320	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	26606	69.609	ug/l #	15

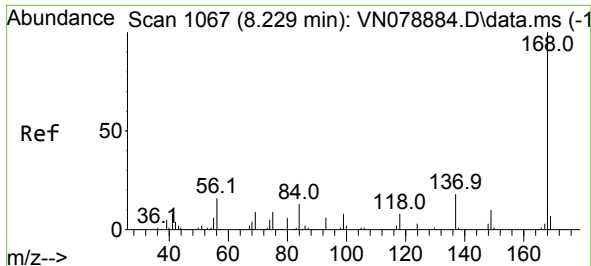
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091223\
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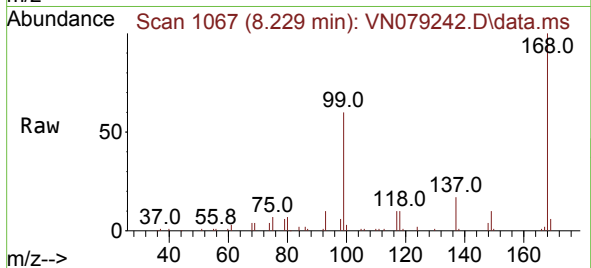
Quant Time: Sep 13 01:35:25 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 12 05:05:24 2023
Response via : Initial Calibration



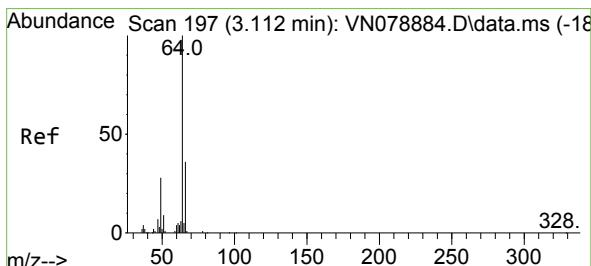
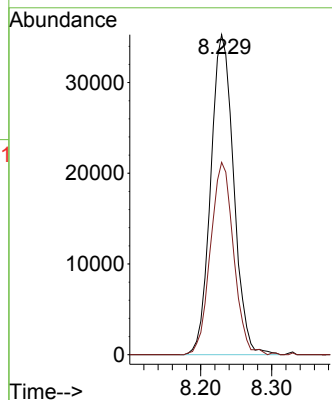
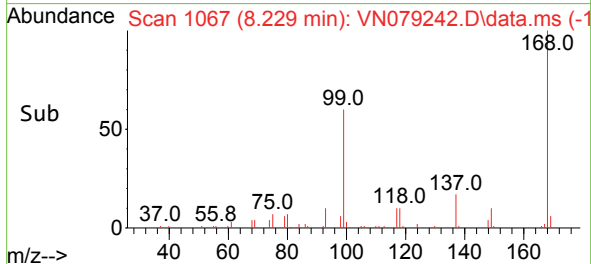


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN079242.D
Acq: 12 Sep 2023 17:59

Instrument :
MSVOA_N
ClientSampleId :

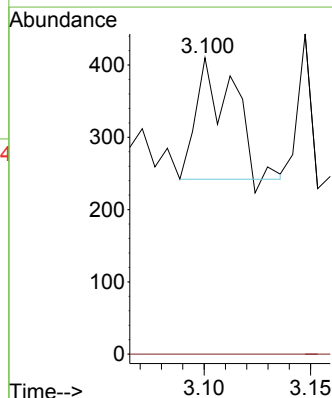
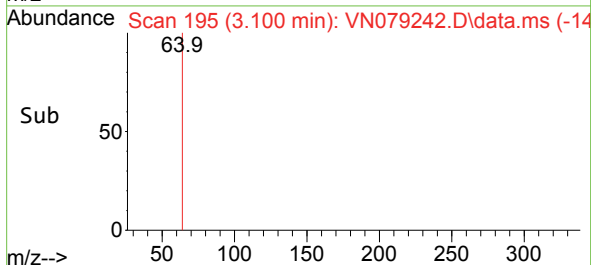
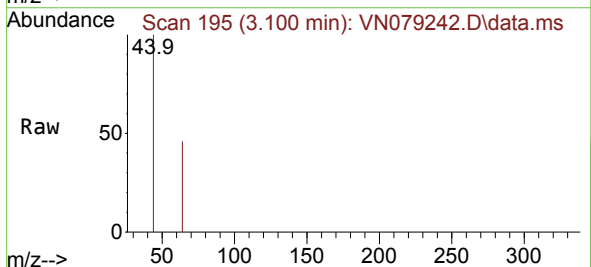


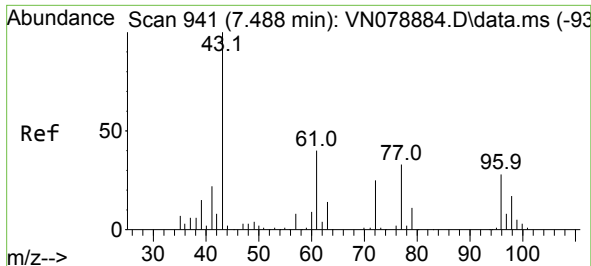
Tgt Ion:168 Resp: 79076
Ion Ratio Lower Upper
168 100
99 60.1 53.0 79.6



#6
Chloroethane
Concen: Below Cal
RT: 3.100 min Scan# 195
Delta R.T. -0.018 min
Lab File: VN079242.D
Acq: 12 Sep 2023 17:59

Tgt Ion: 64 Resp: 201
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#





#27

cis-1,2-Dichloroethene

Concen: 2.116 ug/l

RT: 7.482 min Scan# 941

Delta R.T. -0.018 min

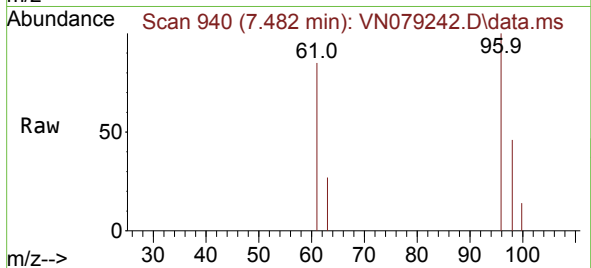
Lab File: VN079242.D

Acq: 12 Sep 2023 17:59

Instrument :

MSVOA_N

ClientSampleId :



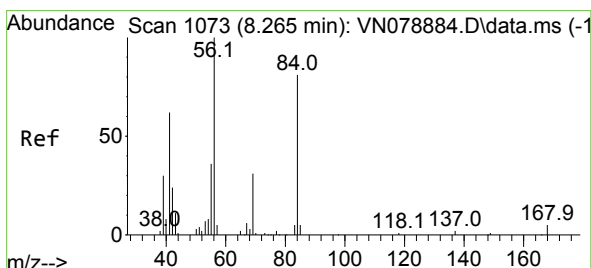
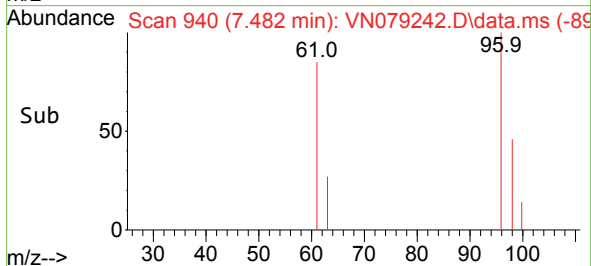
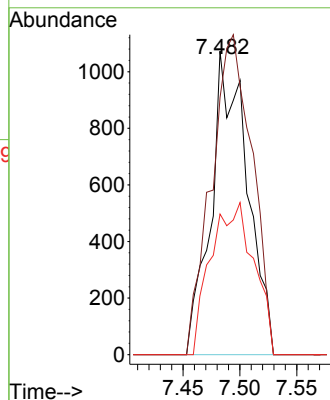
Tgt Ion: 96 Resp: 2367

Ion Ratio Lower Upper

96 100

61 118.8 0.0 255.2

98 59.8 0.0 128.8



#31

Cyclohexane

Concen: 0.825 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.030 min

Lab File: VN079242.D

Acq: 12 Sep 2023 17:59

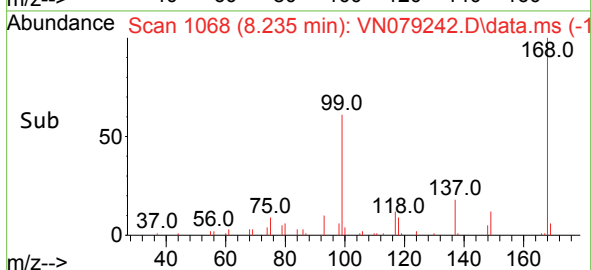
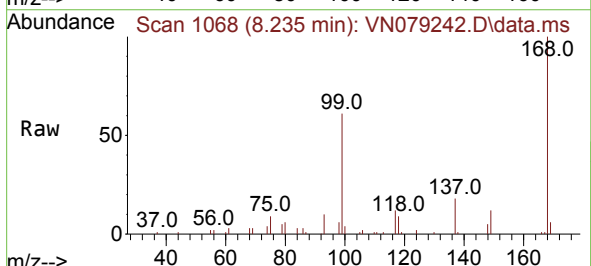
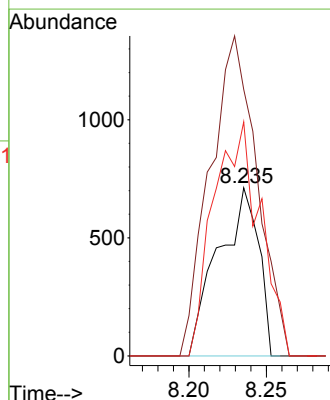
Tgt Ion: 56 Resp: 1286

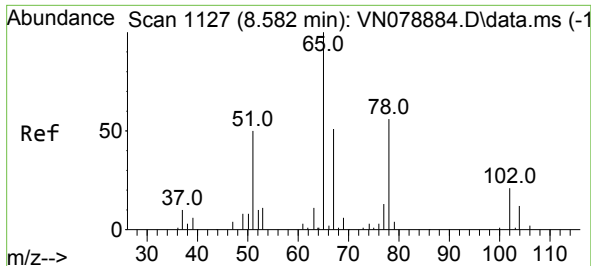
Ion Ratio Lower Upper

56 100

69 158.6 26.8 40.2#

84 139.2 81.8 122.6#





#33

1,2-Dichloroethane-d4

Concen: 52.356 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.001 min

Lab File: VN079242.D

Acq: 12 Sep 2023 17:59

Instrument :

MSVOA_N

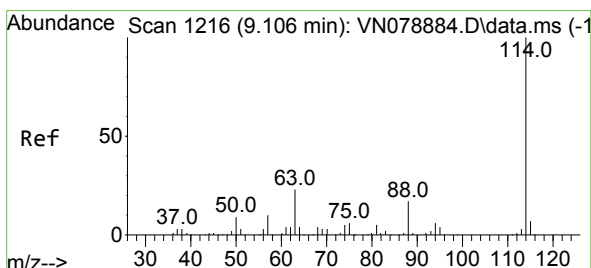
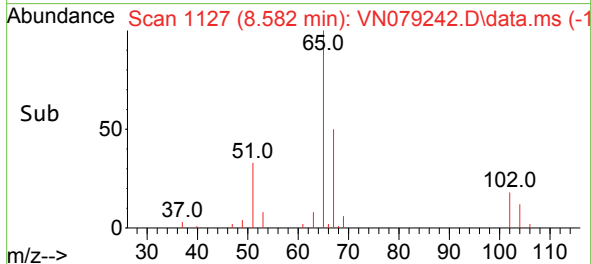
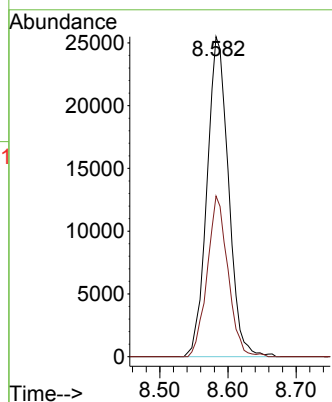
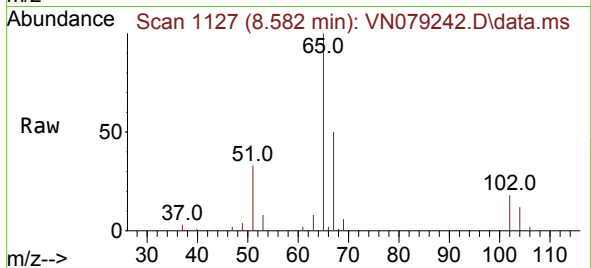
ClientSampleId :

Tgt Ion: 65 Resp: 55887

Ion Ratio Lower Upper

65 100

67 48.5 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.006 min

Lab File: VN079242.D

Acq: 12 Sep 2023 17:59

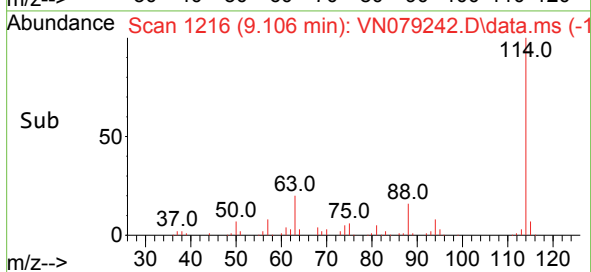
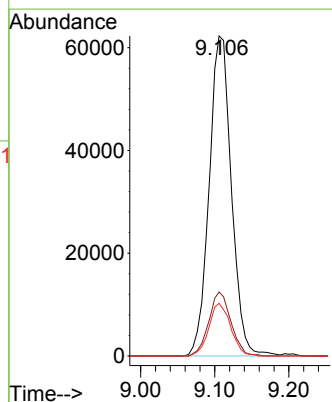
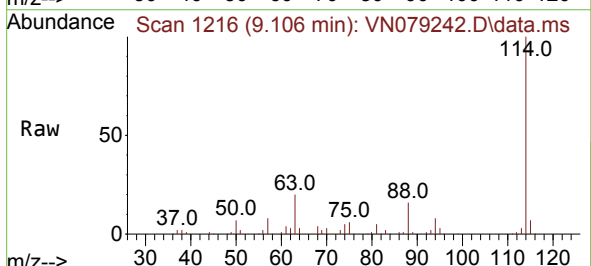
Tgt Ion: 114 Resp: 130190

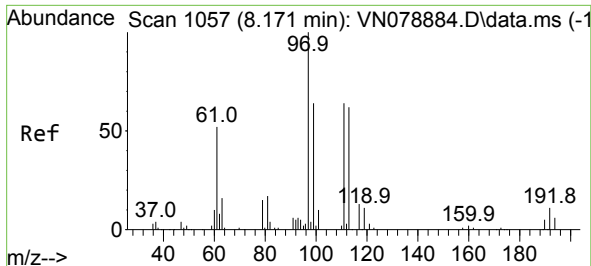
Ion Ratio Lower Upper

114 100

63 20.0 0.0 36.4

88 16.5 0.0 30.6

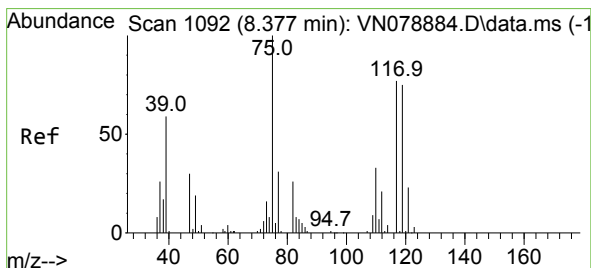
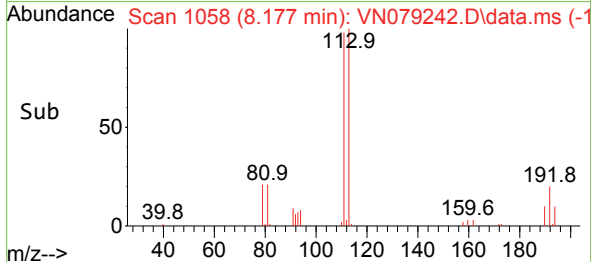
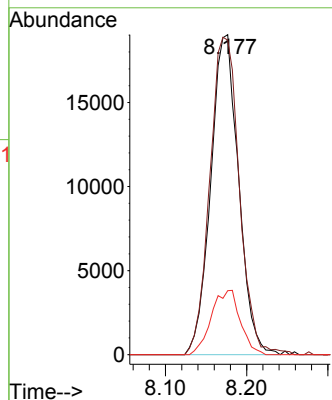
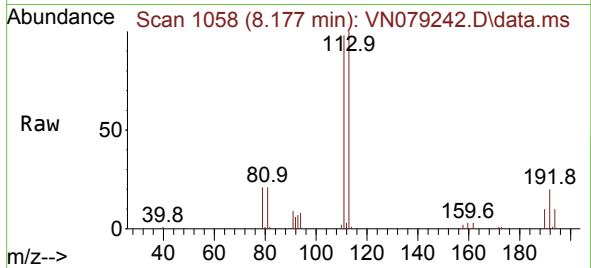




#35
Dibromofluoromethane
Concen: 52.415 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN079242.D
Acq: 12 Sep 2023 17:59

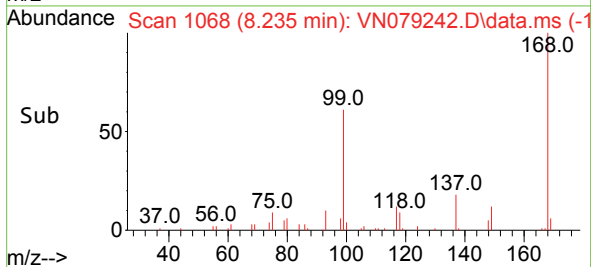
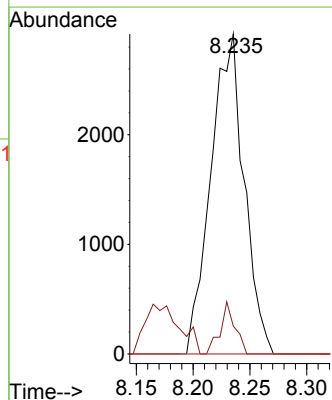
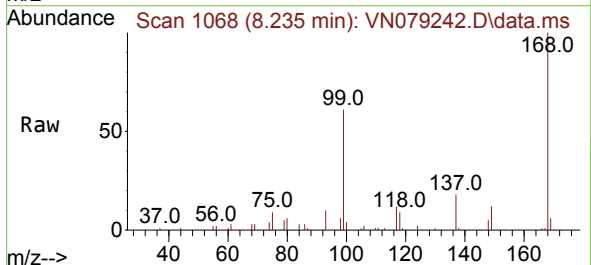
Instrument :
MSVOA_N
ClientSampleId :

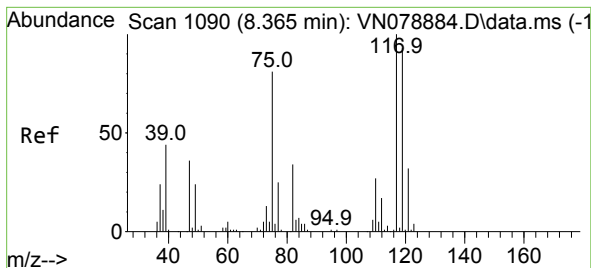
Tgt Ion:113 Resp: 45391
Ion Ratio Lower Upper
113 100
111 104.9 82.6 123.8
192 20.9 12.7 19.1#



#36
1,1-Dichloropropene
Concen: 4.446 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.142 min
Lab File: VN079242.D
Acq: 12 Sep 2023 17:59

Tgt Ion: 75 Resp: 5935
Ion Ratio Lower Upper
75 100
110 7.2 19.1 57.3#
77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 6.097 ug/l

RT: 8.235 min Scan# 1106

Delta R.T. -0.136 min

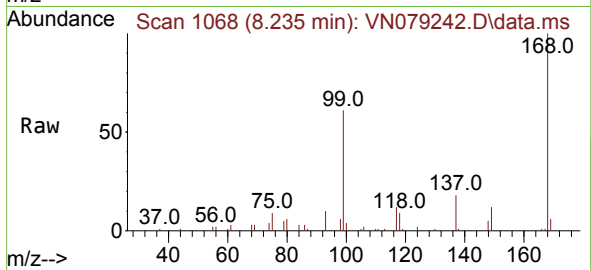
Lab File: VN079242.D

Acq: 12 Sep 2023 17:59

Instrument :

MSVOA_N

ClientSampleId :



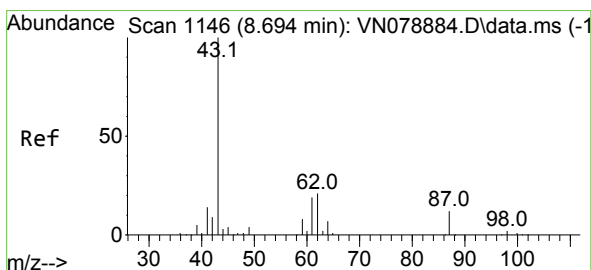
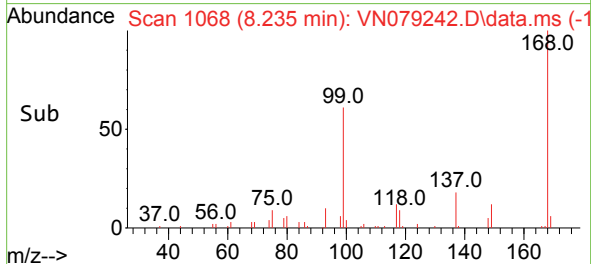
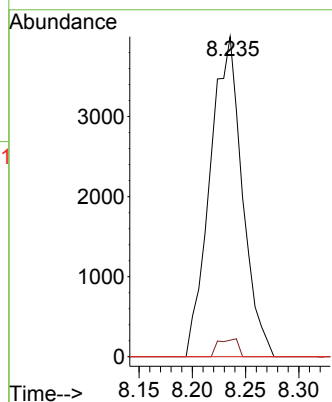
Tgt Ion:117 Resp: 8422

Ion Ratio Lower Upper

117 100

119 5.1 77.3 115.9#

121 0.0 23.3 34.9#



#43

Isopropyl Acetate

Concen: 0.451 ug/l

RT: 8.782 min Scan# 1161

Delta R.T. 0.088 min

Lab File: VN079242.D

Acq: 12 Sep 2023 17:59

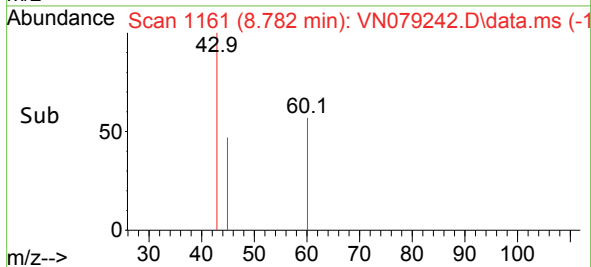
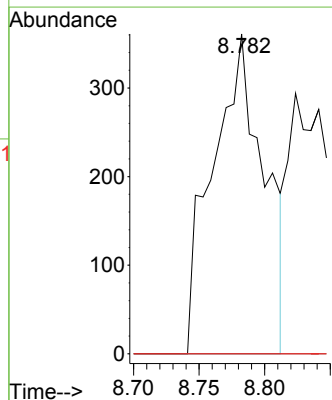
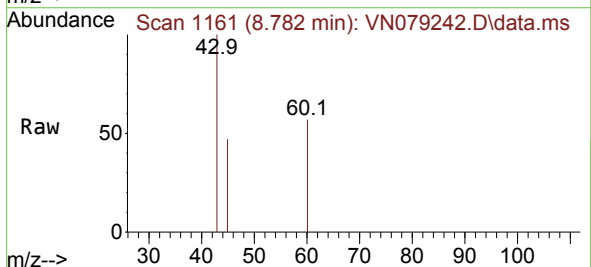
Tgt Ion: 43 Resp: 979

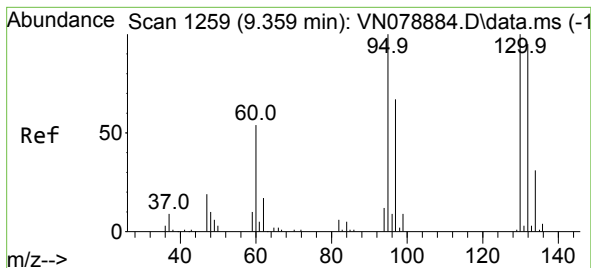
Ion Ratio Lower Upper

43 100

61 0.0 24.7 37.1#

87 0.0 14.6 21.8#





#44

Trichloroethene

Concen: 13.237 ug/l

RT: 9.353 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN079242.D

Acq: 12 Sep 2023 17:59

Instrument :

MSVOA_N

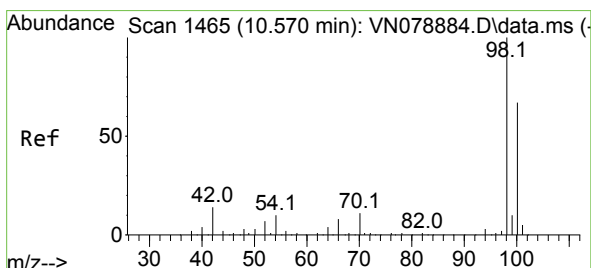
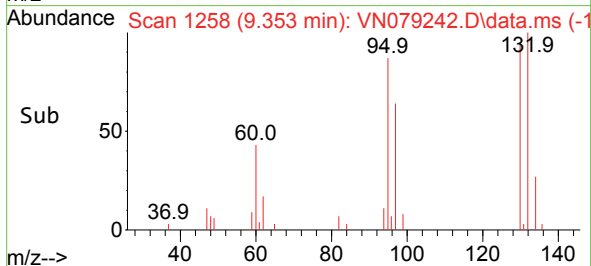
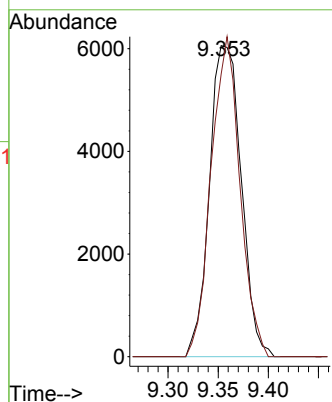
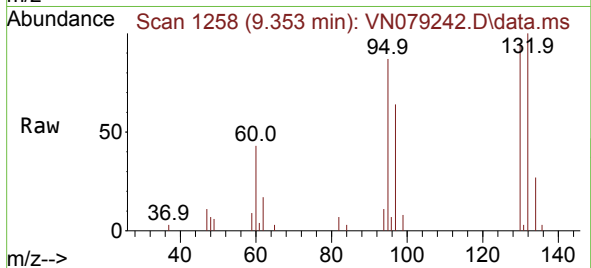
ClientSampleId :

Tgt Ion:130 Resp: 13325

Ion Ratio Lower Upper

130 100

95 90.8 0.0 204.6



#50

Toluene-d8

Concen: 50.313 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. -0.001 min

Lab File: VN079242.D

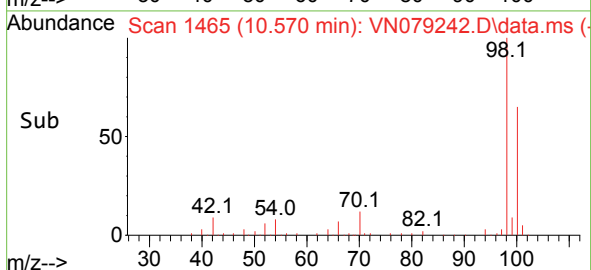
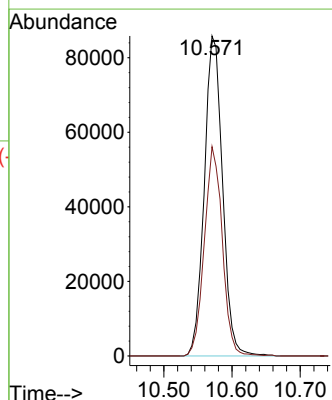
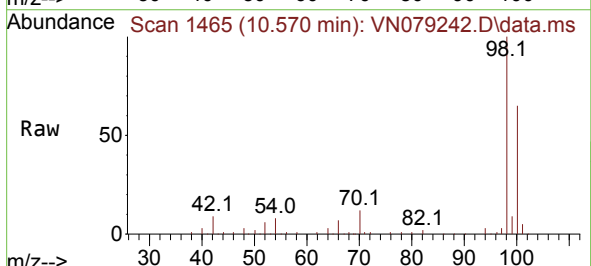
Acq: 12 Sep 2023 17:59

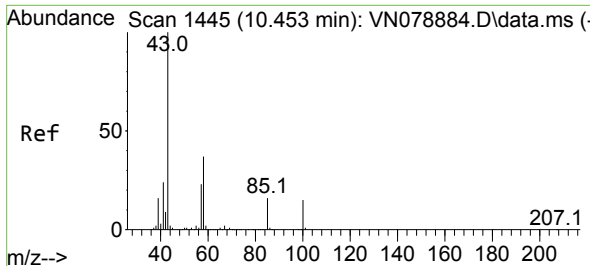
Tgt Ion: 98 Resp: 159985

Ion Ratio Lower Upper

98 100

100 64.4 52.0 78.0

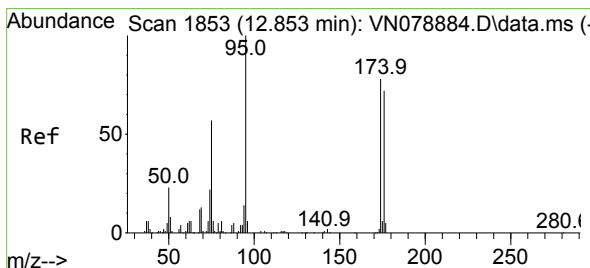
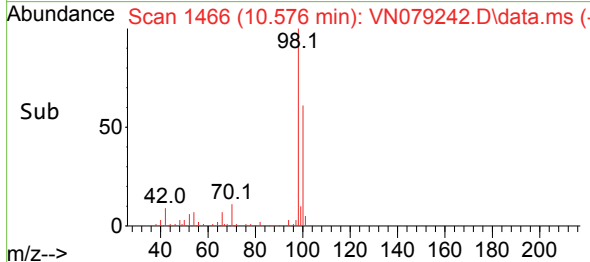
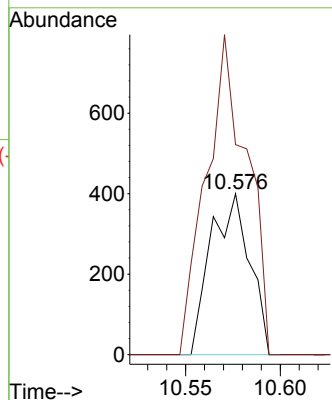
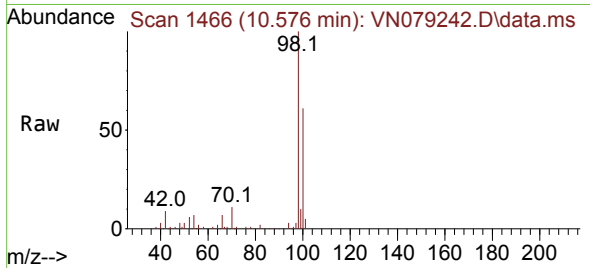




#51
4-Methyl-2-Pentanone
Concen: 0.454 ug/l
RT: 10.576 min Scan# 1445
Delta R.T. 0.123 min
Lab File: VN079242.D
Acq: 12 Sep 2023 17:59

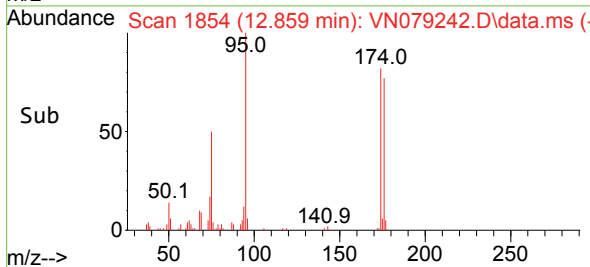
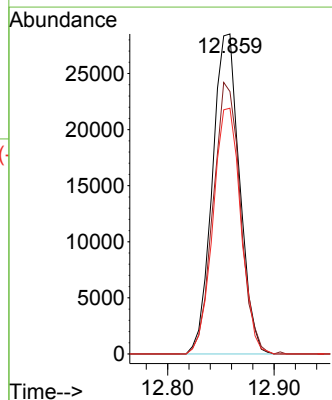
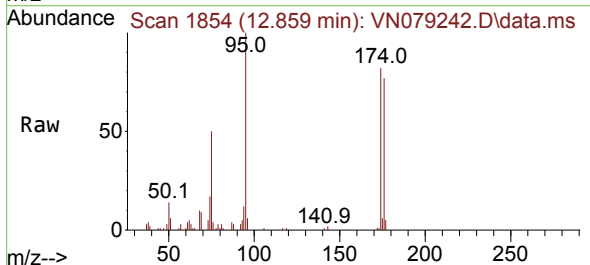
Instrument :
MSVOA_N
ClientSampleId :

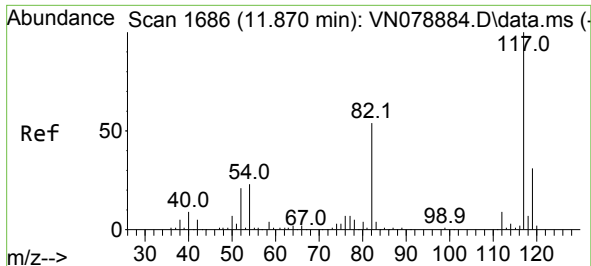
Tgt Ion: 43 Resp: 572
Ion Ratio Lower Upper
43 100
58 208.2 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 49.942 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN079242.D
Acq: 12 Sep 2023 17:59

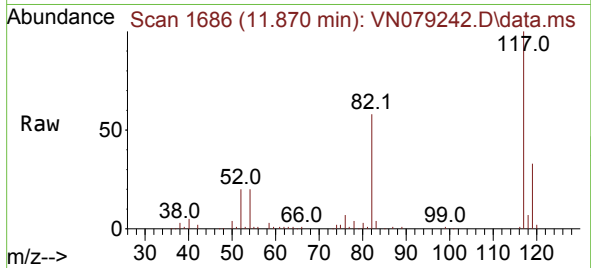
Tgt Ion: 95 Resp: 50656
Ion Ratio Lower Upper
95 100
174 84.5 0.0 143.8
176 78.4 0.0 135.8



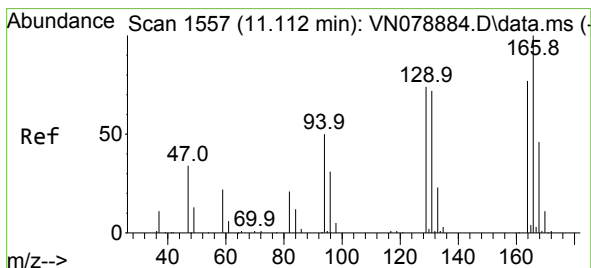
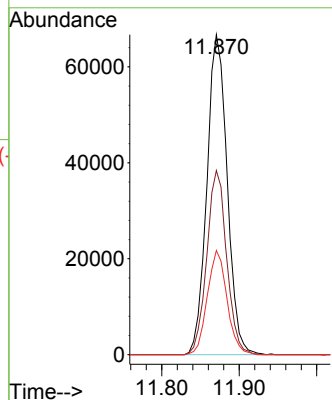
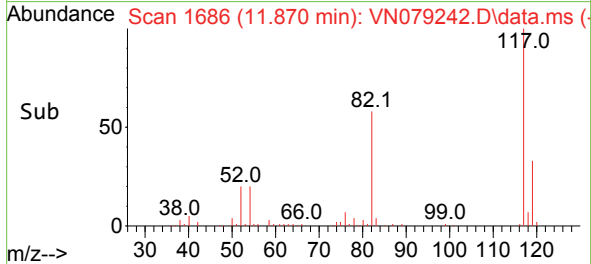


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN079242.D
Acq: 12 Sep 2023 17:59

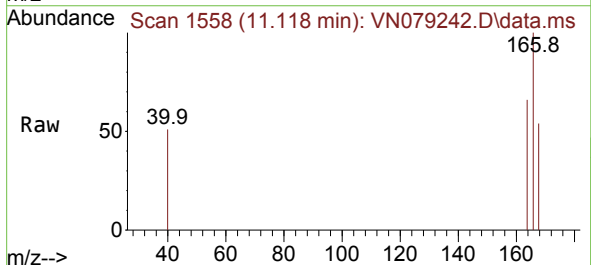
Instrument :
MSVOA_N
ClientSampleId :



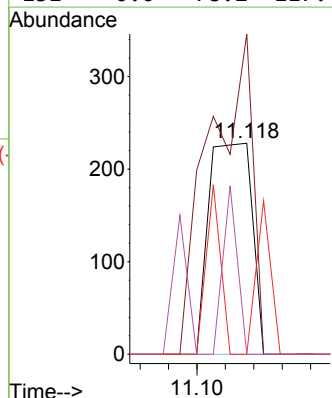
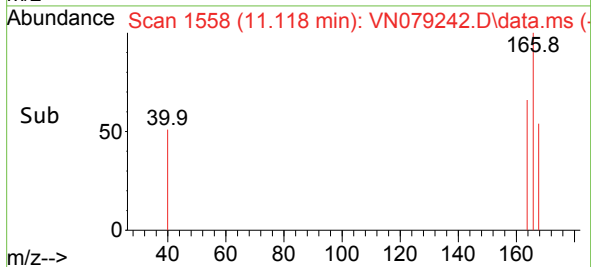
Tgt Ion:117 Resp: 121404
Ion Ratio Lower Upper
117 100
82 57.5 44.0 66.0
119 32.6 25.6 38.4

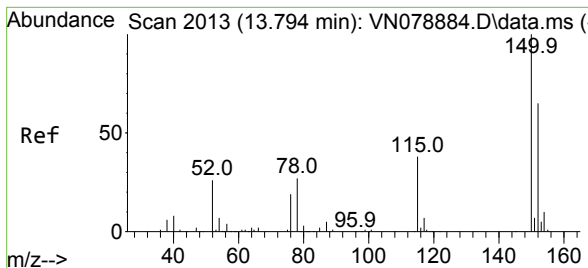


#64
Tetrachloroethene
Concen: 0.270 ug/l
RT: 11.118 min Scan# 1558
Delta R.T. 0.006 min
Lab File: VN079242.D
Acq: 12 Sep 2023 17:59



Tgt Ion:164 Resp: 239
Ion Ratio Lower Upper
164 100
166 151.8 101.4 152.0
129 0.0 82.4 123.6#
131 0.0 78.2 117.4#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 20

Delta R.T. 0.006 min

Lab File: VN079242.D

Acq: 12 Sep 2023 17:59

Instrument :

MSVOA_N

ClientSampleId :

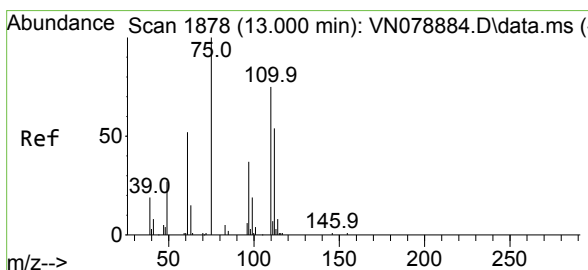
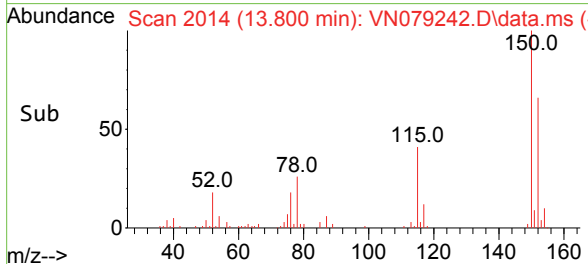
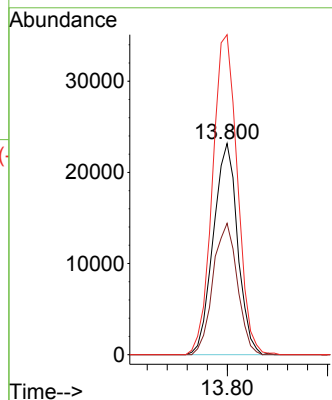
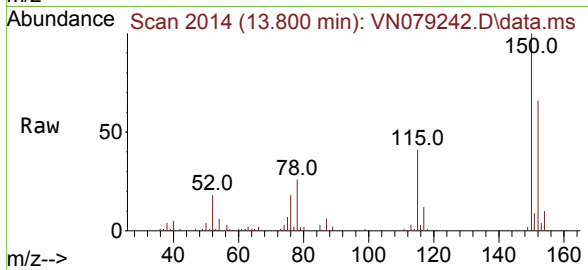
Tgt Ion:152 Resp: 38989

Ion Ratio Lower Upper

152 100

115 62.3 32.3 96.8

150 155.2 0.0 355.8



#76

1,2,3-Trichloropropane

Concen: 25.320 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN079242.D

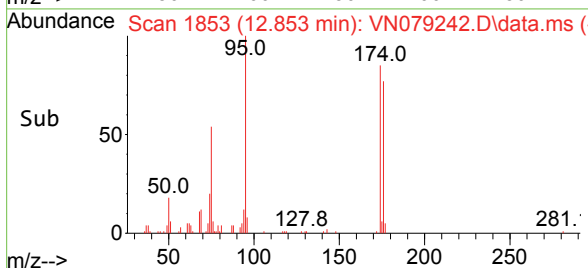
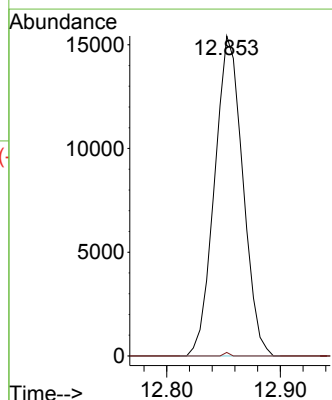
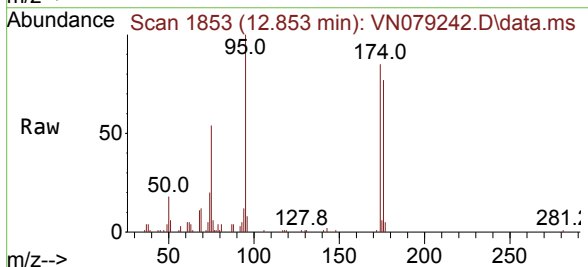
Acq: 12 Sep 2023 17:59

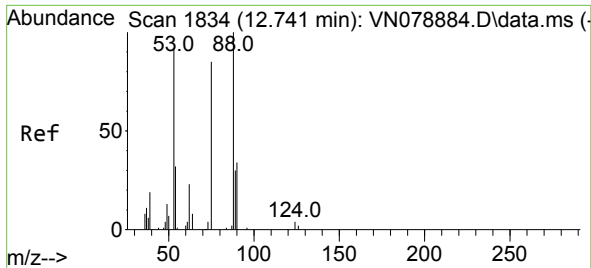
Tgt Ion: 75 Resp: 26606

Ion Ratio Lower Upper

75 100

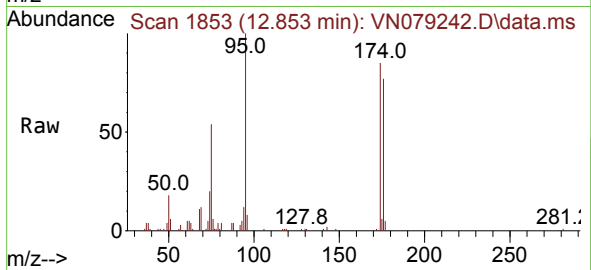
77 0.2 84.5 253.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.609 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN079242.D
 Acq: 12 Sep 2023 17:59

Instrument :
 MSVOA_N
 ClientSampleId :



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

