

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091223\
 Data File : VN079241.D
 Acq On : 12 Sep 2023 17:35
 Operator : JC\MD
 Sample : 04352-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 13 01:35:06 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)

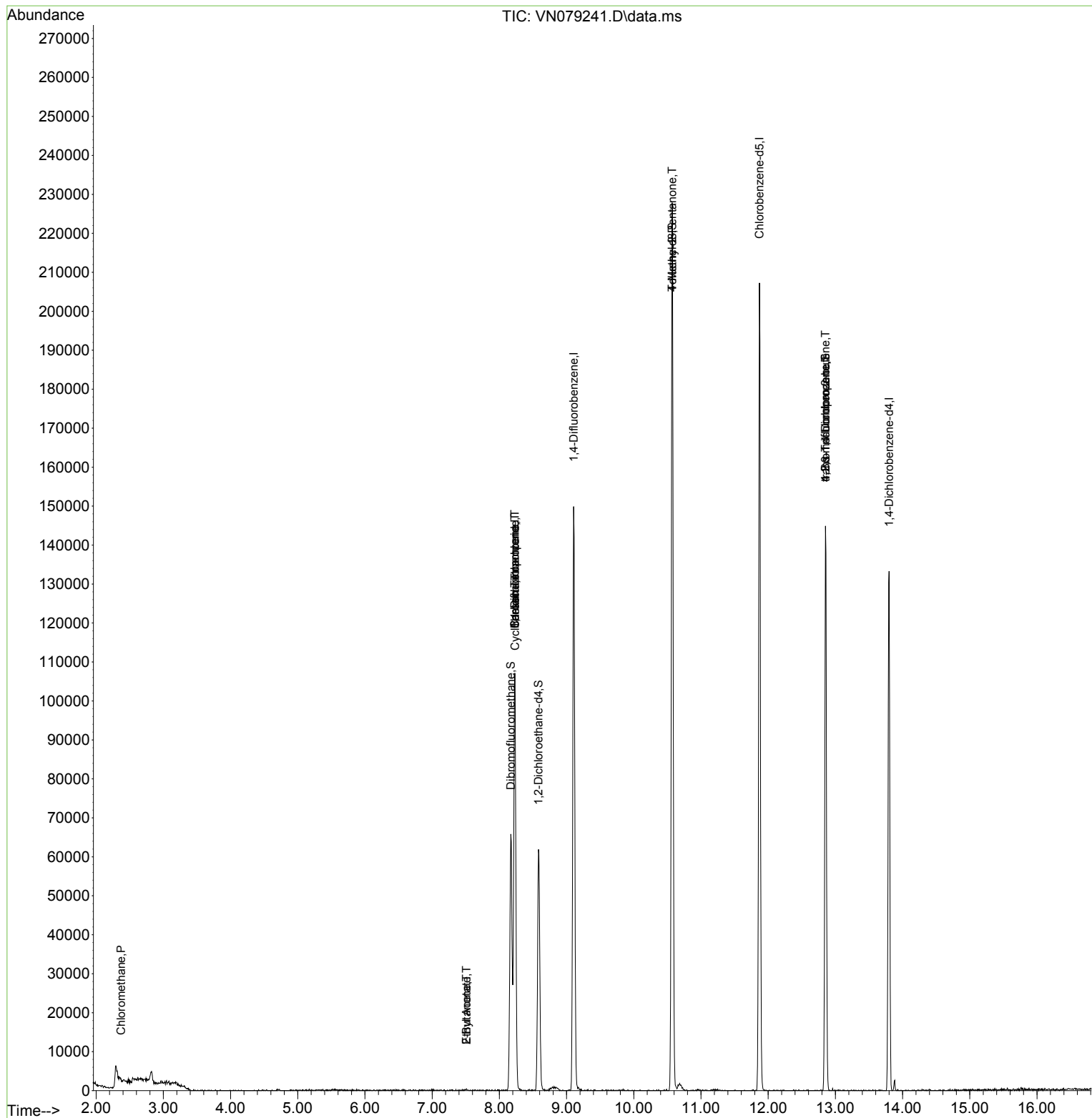
Internal Standards						
1) Pentafluorobenzene	8.230	168	80900	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	131599	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	125855	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	39821	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	56643	51.867	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.740%	
35) Dibromofluoromethane	8.171	113	46248	52.832	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.660%	
50) Toluene-d8	10.571	98	164424	51.155	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.300%	
62) 4-Bromofluorobenzene	12.853	95	51261	49.997	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.000%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	237	0.226	ug/l #	42
6) Chloroethane	3.142	64	358	Below Cal	#	43
25) 2-Butanone	7.512	43	391	0.581	ug/l #	37
31) Cyclohexane	8.235	56	1400	0.878	ug/l #	6
36) 1,1-Dichloropropene	8.230	75	5837	4.326	ug/l #	49
37) Ethyl Acetate	7.512	43	391	0.291	ug/l #	63
38) Carbon Tetrachloride	8.230	117	8297	5.942	ug/l #	18
51) 4-Methyl-2-Pentanone	10.571	43	477	0.374	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	27424	25.553	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	27424	70.250	ug/l #	15

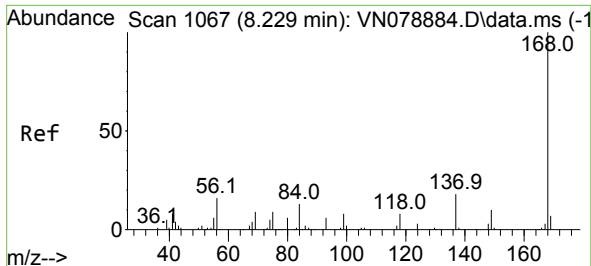
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091223\
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ALS Vial : 11 Sample Multiplier: 1

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MSVOA_N
ClientSampleId :

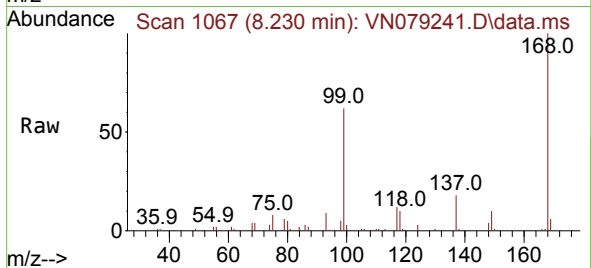
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 12 05:05:24 2023
Response via : Initial Calibration



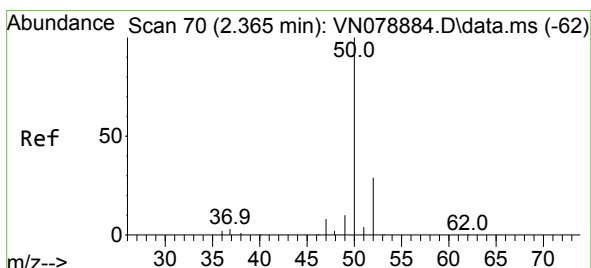
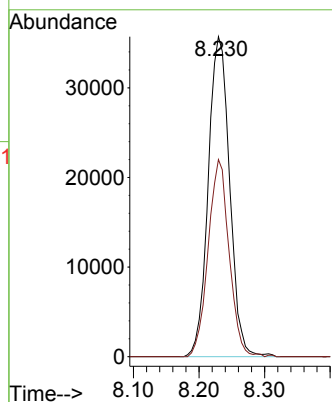
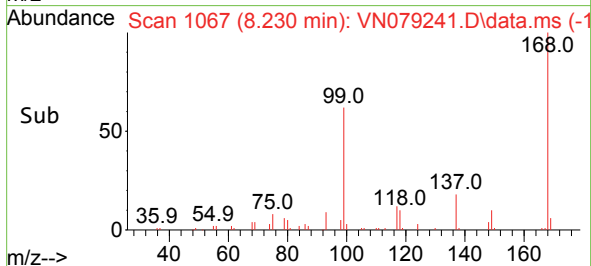


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN079241.D
Acq: 12 Sep 2023 17:35

Instrument :
MSVOA_N
ClientSampleId :

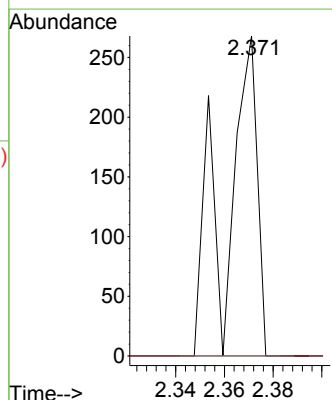
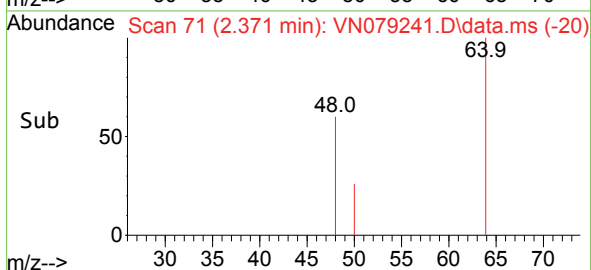
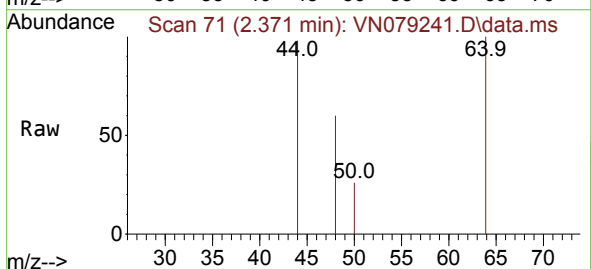


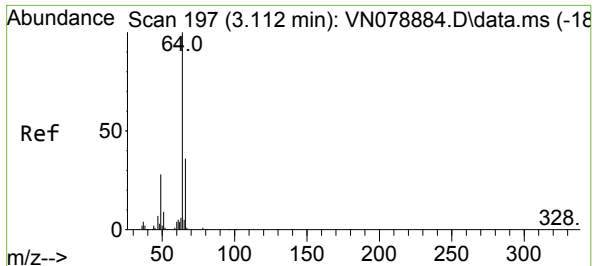
Tgt Ion:168 Resp: 80900
Ion Ratio Lower Upper
168 100
99 61.6 53.0 79.6



#3
Chloromethane
Concen: 0.226 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN079241.D
Acq: 12 Sep 2023 17:35

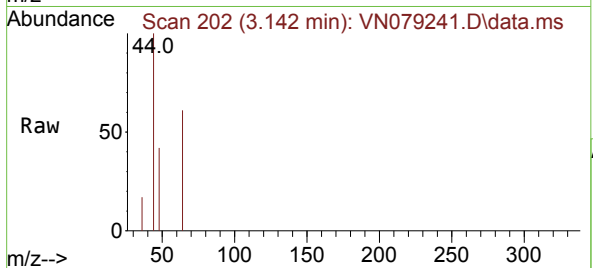
Tgt Ion: 50 Resp: 237
Ion Ratio Lower Upper
50 100
52 0.0 26.5 39.7#



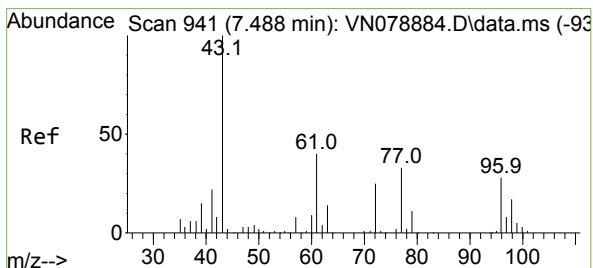
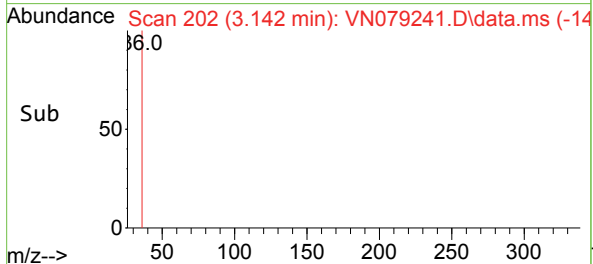


#6
Chloroethane
Concen: Below Cal
RT: 3.142 min Scan# 20
Delta R.T. 0.024 min
Lab File: VN079241.D
Acq: 12 Sep 2023 17:35

Instrument :
MSVOA_N
ClientSampleId :

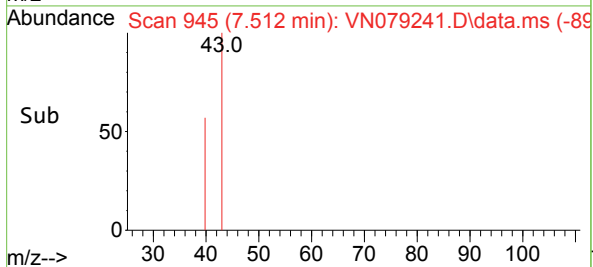
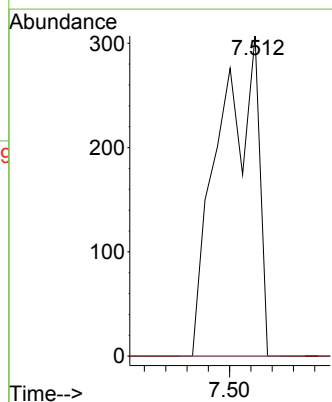
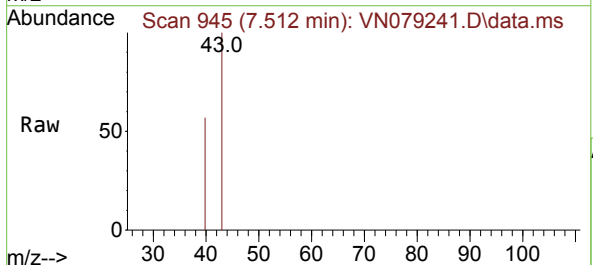


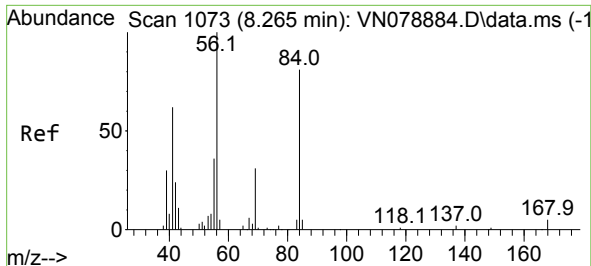
Tgt Ion: 64 Resp: 358
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#25
2-Butanone
Concen: 0.581 ug/l
RT: 7.512 min Scan# 945
Delta R.T. 0.018 min
Lab File: VN079241.D
Acq: 12 Sep 2023 17:35

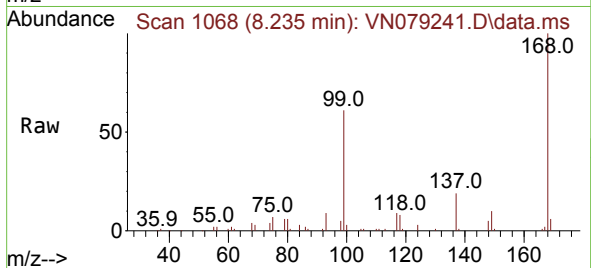
Tgt Ion: 43 Resp: 391
Ion Ratio Lower Upper
43 100
72 0.0 30.2 45.2#



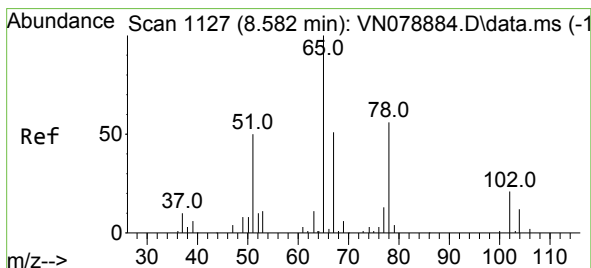
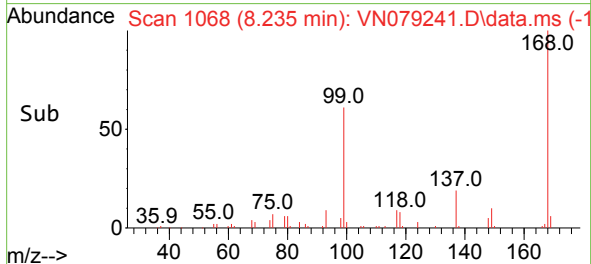
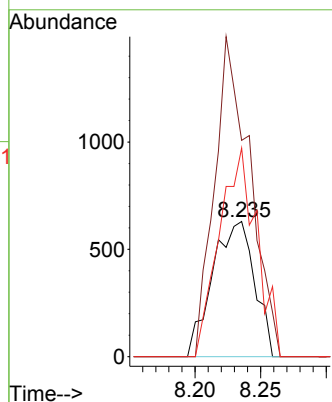


#31
Cyclohexane
Concen: 0.878 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.030 min
Lab File: VN079241.D
Acq: 12 Sep 2023 17:35

Instrument :
MSVOA_N
ClientSampleId :

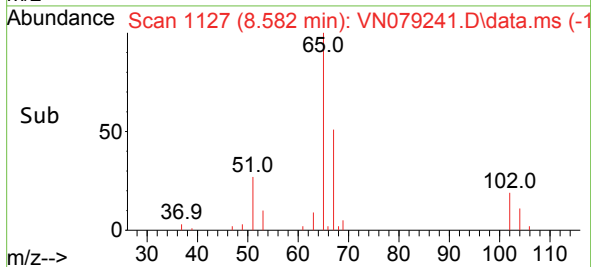
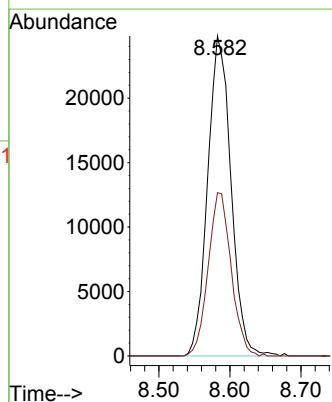
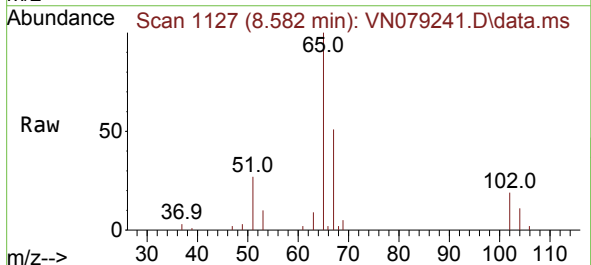


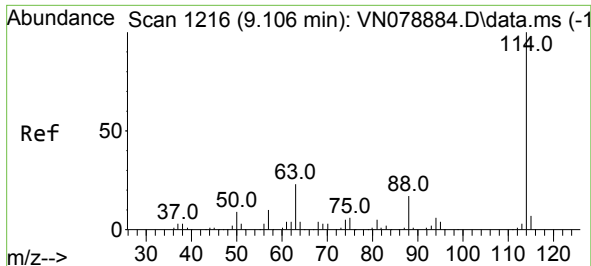
Tgt Ion: 56 Resp: 1400
Ion Ratio Lower Upper
56 100
69 160.0 26.8 40.2#
84 154.3 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 51.867 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN079241.D
Acq: 12 Sep 2023 17:35

Tgt Ion: 65 Resp: 56643
Ion Ratio Lower Upper
65 100
67 50.4 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN079241.D

Acq: 12 Sep 2023 17:35

Instrument :

MSVOA_N

ClientSampleId :

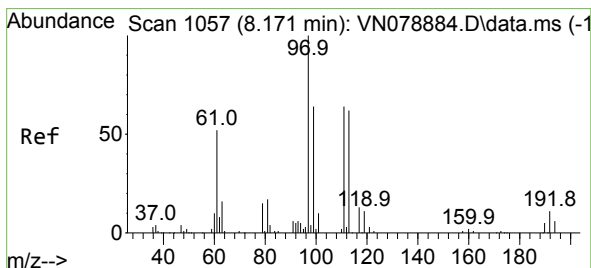
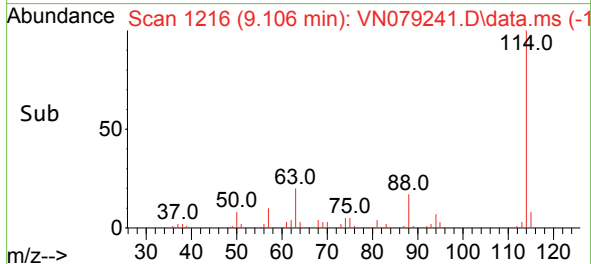
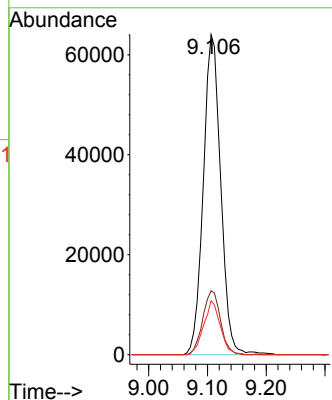
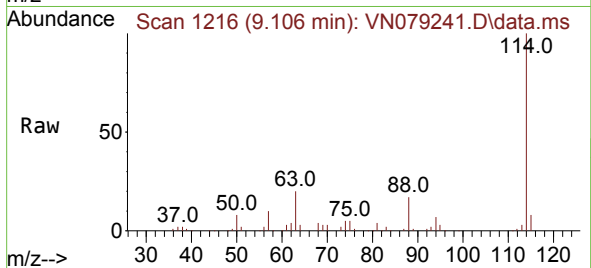
Tgt Ion:114 Resp: 131599

Ion Ratio Lower Upper

114 100

63 19.9 0.0 36.4

88 16.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.832 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079241.D

Acq: 12 Sep 2023 17:35

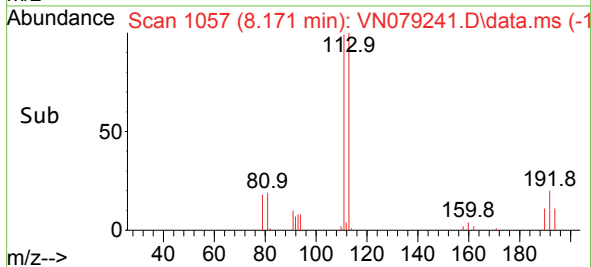
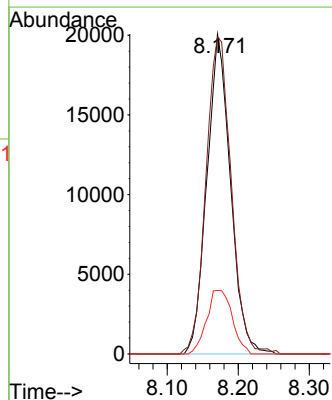
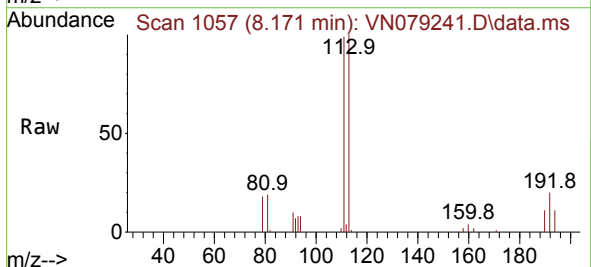
Tgt Ion:113 Resp: 46248

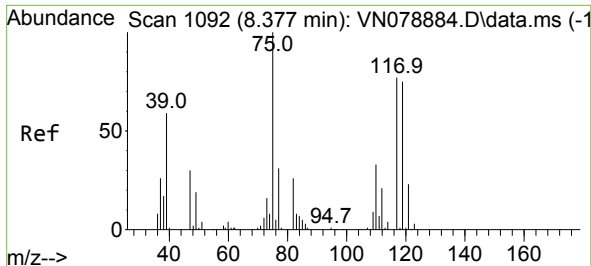
Ion Ratio Lower Upper

113 100

111 105.9 82.6 123.8

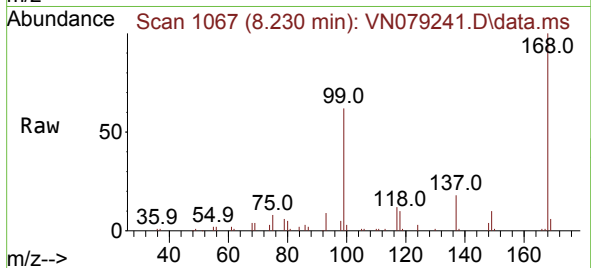
192 21.6 12.7 19.1#



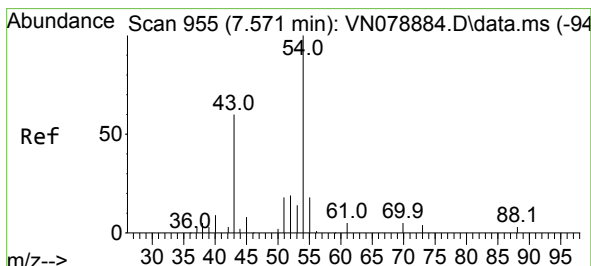
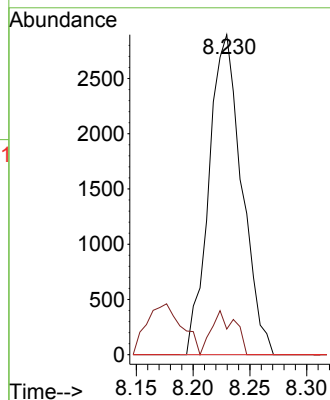
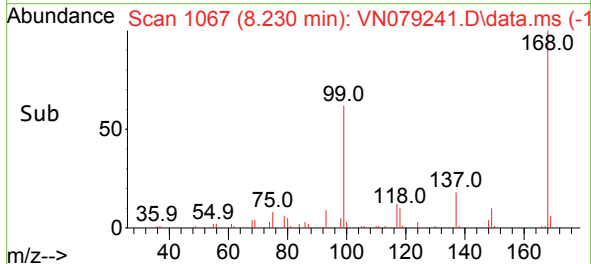


#36
 1,1-Dichloropropene
 Concen: 4.326 ug/l
 RT: 8.230 min Scan# 1067
 Delta R.T. -0.147 min
 Lab File: VN079241.D
 Acq: 12 Sep 2023 17:35

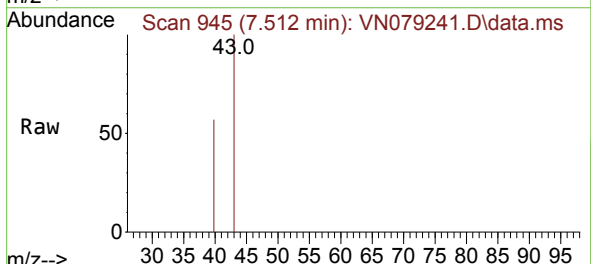
Instrument :
 MSVOA_N
 ClientSampleId :



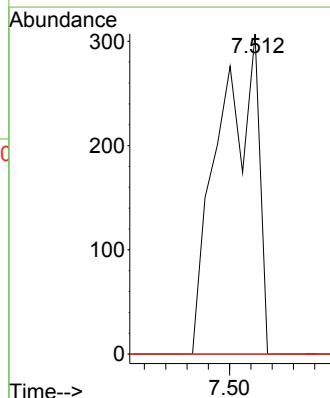
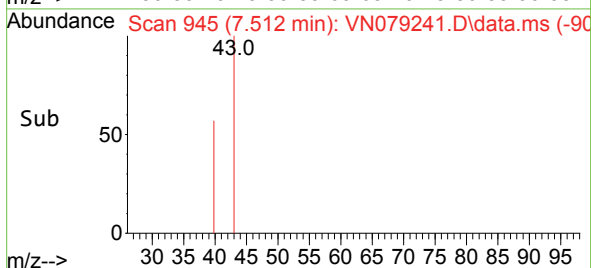
Tgt Ion: 75 Resp: 5837
 Ion Ratio Lower Upper
 75 100
 110 9.8 19.1 57.3#
 77 0.0 25.0 37.4#

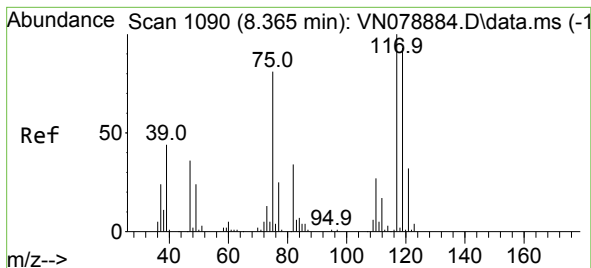


#37
 Ethyl Acetate
 Concen: 0.291 ug/l
 RT: 7.512 min Scan# 945
 Delta R.T. -0.059 min
 Lab File: VN079241.D
 Acq: 12 Sep 2023 17:35



Tgt Ion: 43 Resp: 391
 Ion Ratio Lower Upper
 43 100
 61 0.0 13.2 19.8#
 70 0.0 11.3 16.9#





#38

Carbon Tetrachloride

Concen: 5.942 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

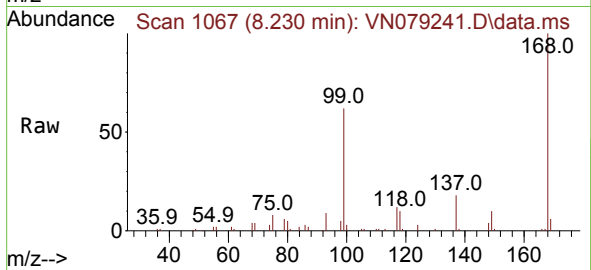
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Acq: 12 Sep 2023 17:35

Instrument :

MSVOA_N

ClientSampleId :



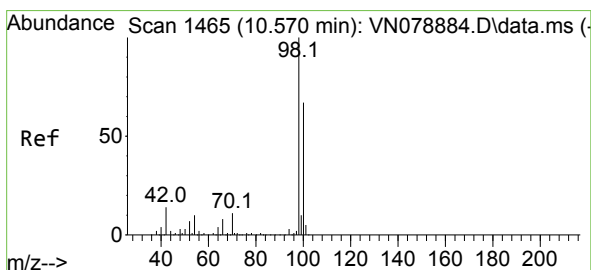
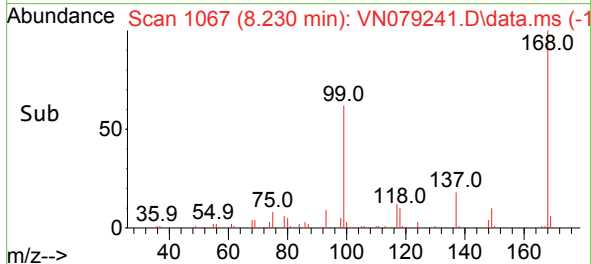
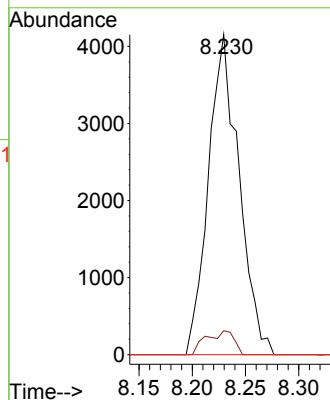
Tgt Ion:117 Resp: 8297

Ion Ratio Lower Upper

117 100

119 7.5 77.3 115.9#

121 0.0 23.3 34.9#



#50

Toluene-d8

Concen: 51.155 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079241.D

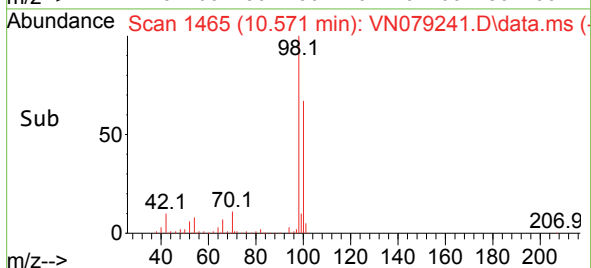
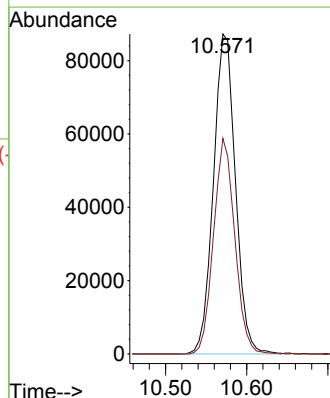
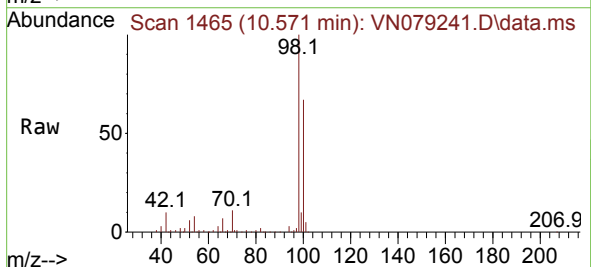
Acq: 12 Sep 2023 17:35

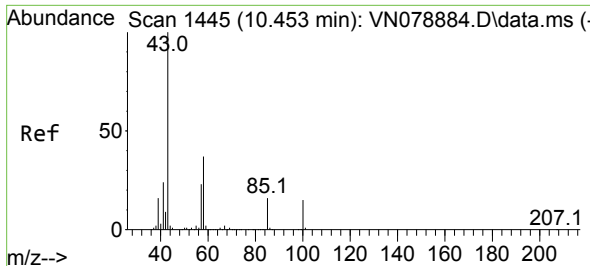
Tgt Ion: 98 Resp: 164424

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0

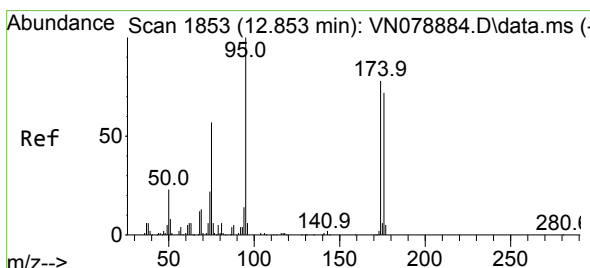
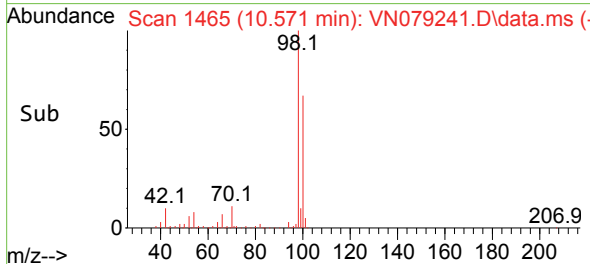
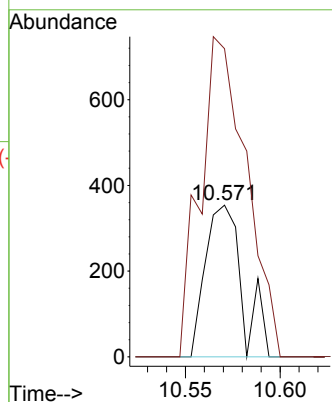
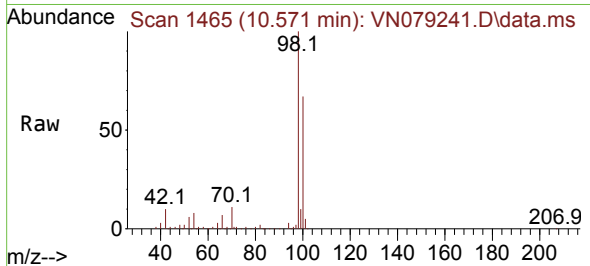




#51
4-Methyl-2-Pentanone
Concen: 0.374 ug/l
RT: 10.571 min Scan# 1445
Delta R.T. 0.118 min
Lab File: VN079241.D
Acq: 12 Sep 2023 17:35

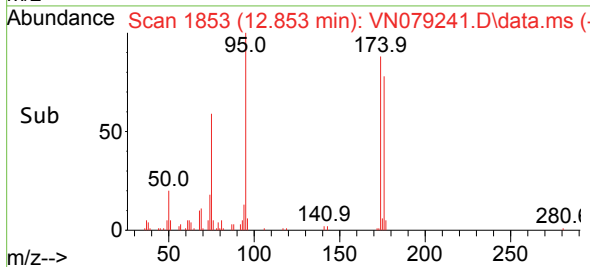
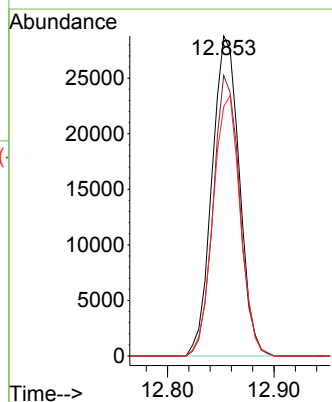
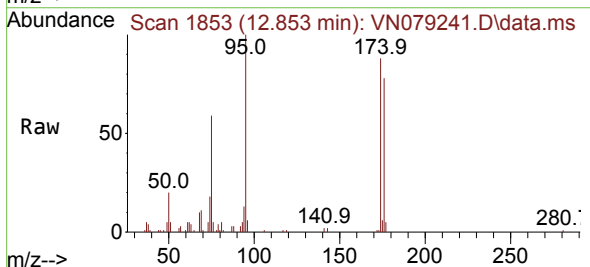
Instrument :
MSVOA_N
ClientSampleId :

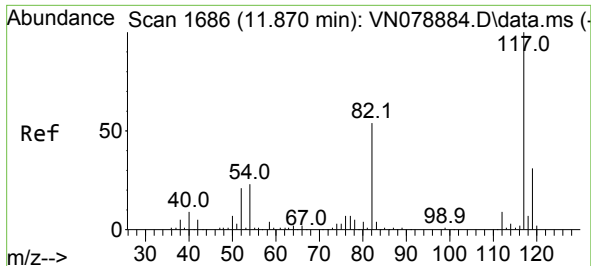
Tgt Ion: 43 Resp: 477
Ion Ratio Lower Upper
43 100
58 265.8 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 49.997 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079241.D
Acq: 12 Sep 2023 17:35

Tgt Ion: 95 Resp: 51261
Ion Ratio Lower Upper
95 100
174 84.4 0.0 143.8
176 80.9 0.0 135.8

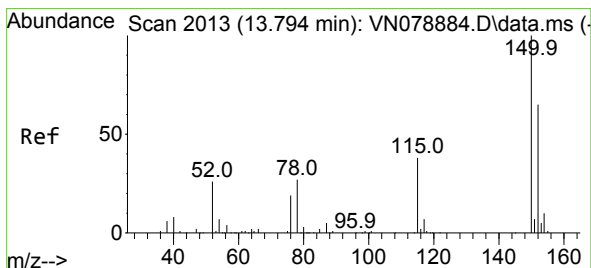
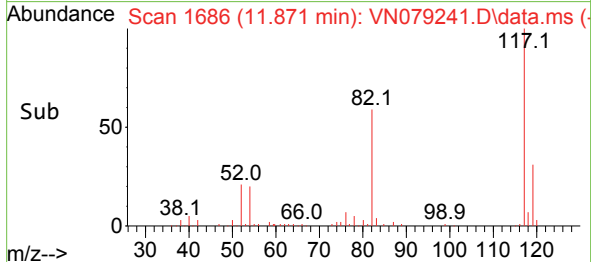
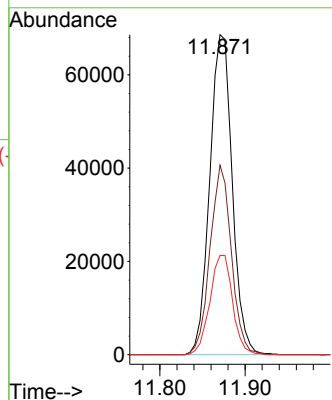
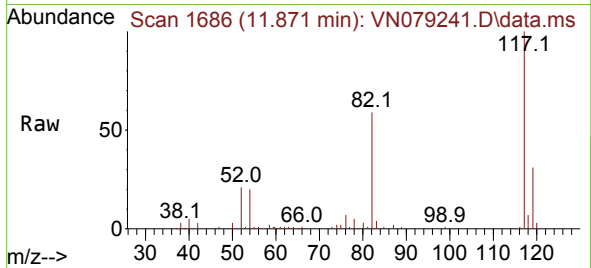




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN079241.D
Acq: 12 Sep 2023 17:35

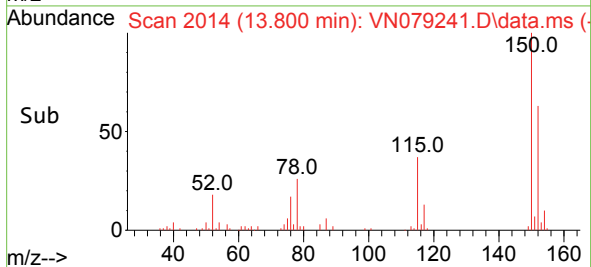
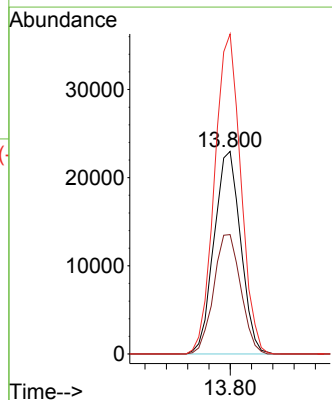
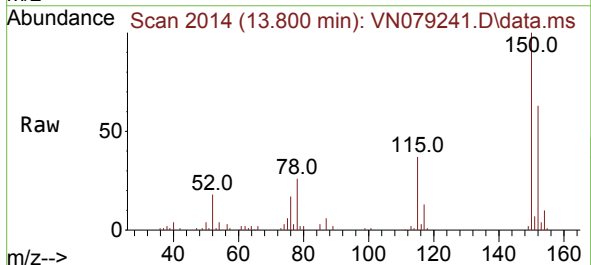
Instrument :
MSVOA_N
ClientSampleId :

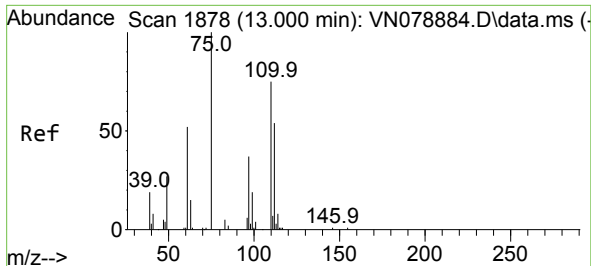
Tgt Ion:117 Resp: 125855
Ion Ratio Lower Upper
117 100
82 59.2 44.0 66.0
119 31.0 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.006 min
Lab File: VN079241.D
Acq: 12 Sep 2023 17:35

Tgt Ion:152 Resp: 39821
Ion Ratio Lower Upper
152 100
115 59.8 32.3 96.8
150 155.7 0.0 355.8

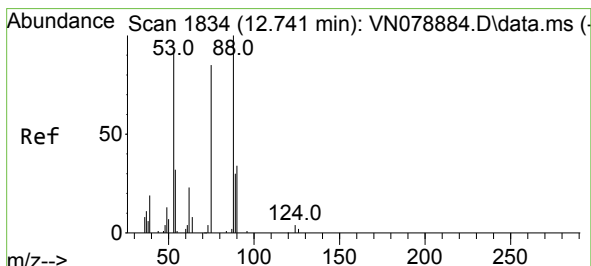
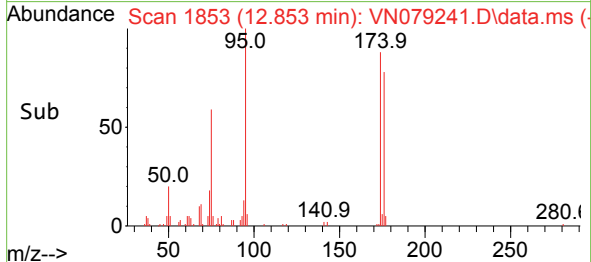
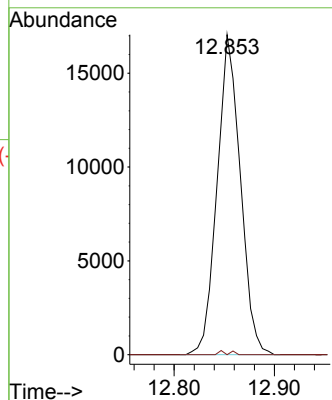
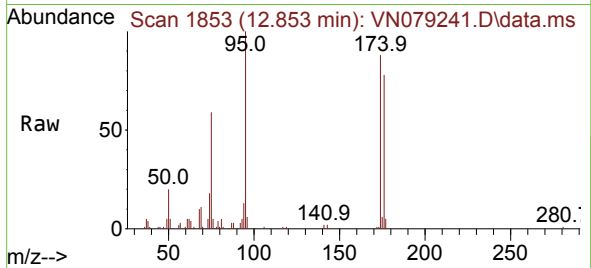




#76
1,2,3-Trichloropropane
Concen: 25.553 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN079241.D
Acq: 12 Sep 2023 17:35

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 27424
Ion Ratio Lower Upper
75 100
77 0.5 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.250 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN079241.D
Acq: 12 Sep 2023 17:35

Tgt Ion: 75 Resp: 27424
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#

