

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091523\
 Data File : VN079277.D
 Acq On : 15 Sep 2023 17:18
 Operator : JC\MD
 Sample : 04408-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 16 01:56:05 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)

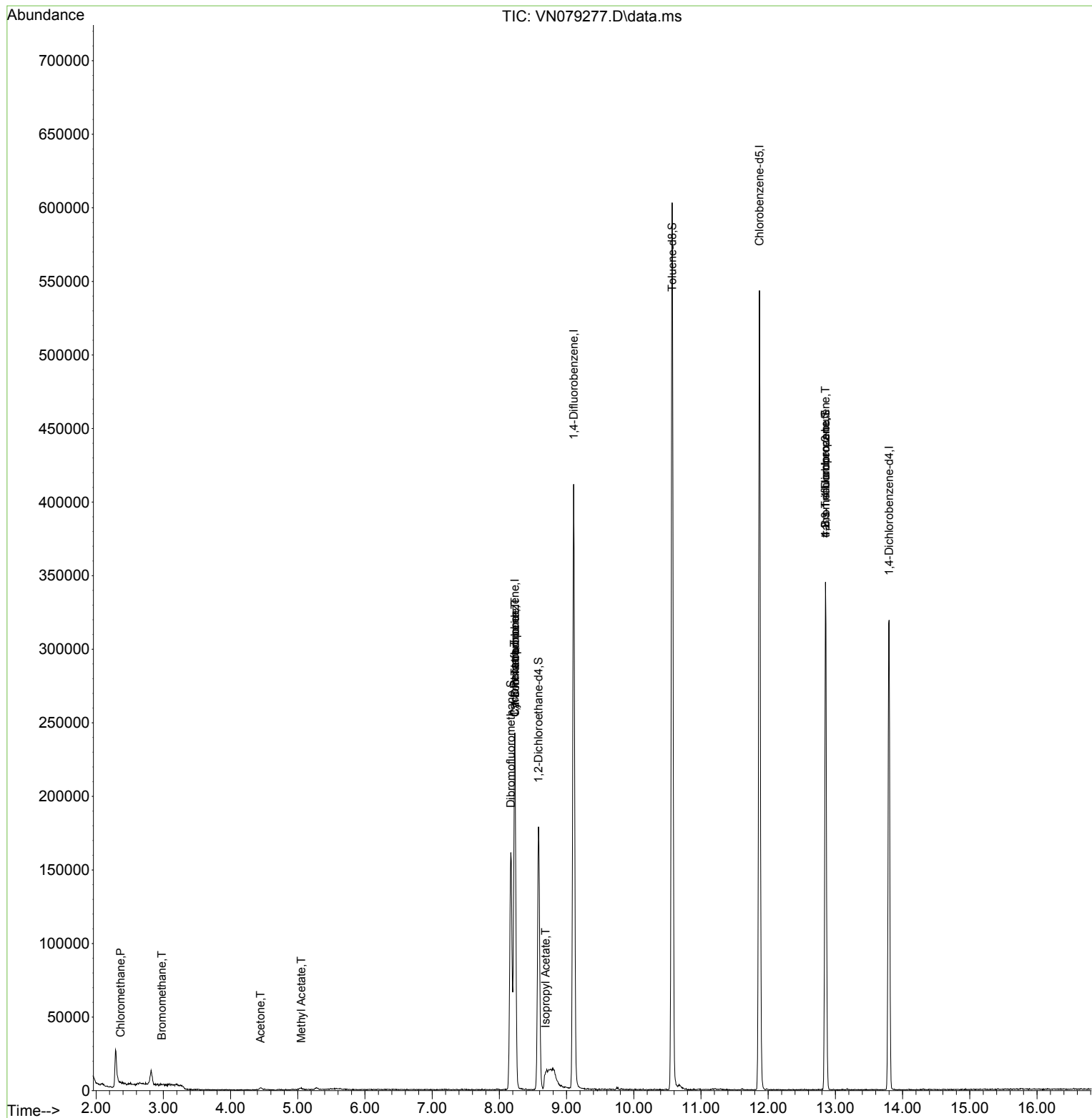
Internal Standards						
1) Pentafluorobenzene	8.229	168	167697	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	338390	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	304258	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	81981	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	143732	63.493	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 126.980%#	
35) Dibromofluoromethane	8.171	113	117694	52.287	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.580%	
50) Toluene-d8	10.570	98	407905	49.353	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.700%	
62) 4-Bromofluorobenzene	12.853	95	113880	43.196	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 86.400%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	819	0.376	ug/l #	42
5) Bromomethane	2.977	94	355	0.260	ug/l #	4
6) Chloroethane	3.118	64	736	Below Cal	#	43
16) Acetone	4.447	43	2626	2.731	ug/l	90
18) Methyl Acetate	5.053	43	2519	0.638	ug/l #	52
31) Cyclohexane	8.224	56	4373	1.323	ug/l #	26
36) 1,1-Dichloropropene	8.235	75	16218	4.674	ug/l #	48
38) Carbon Tetrachloride	8.235	117	18841	5.248	ug/l #	15
43) Isopropyl Acetate	8.688	43	8155	1.444	ug/l #	49
76) 1,2,3-Trichloropropane	12.853	75	65327	29.566	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	65327	81.284	ug/l #	15

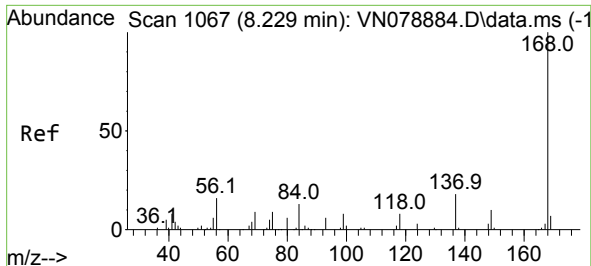
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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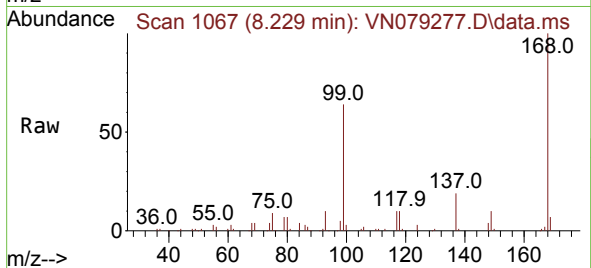
Quant Time: Sep 16 01:56:05 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
Quant Title : SW846 8260
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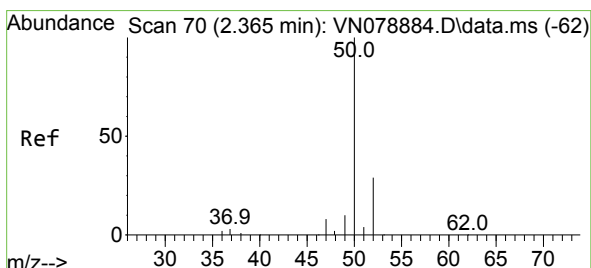
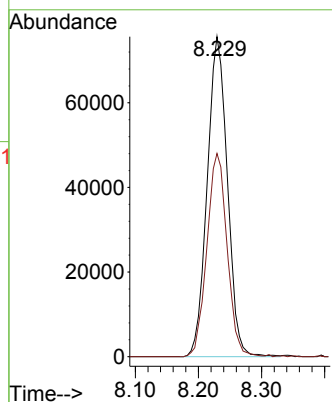
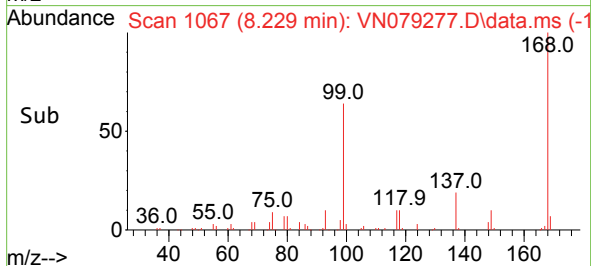


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN079277.D
Acq: 15 Sep 2023 17:18

Instrument :
MSVOA_N
ClientSampleId :

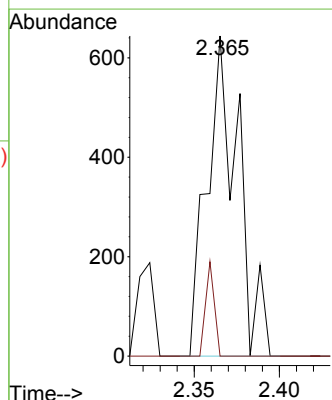
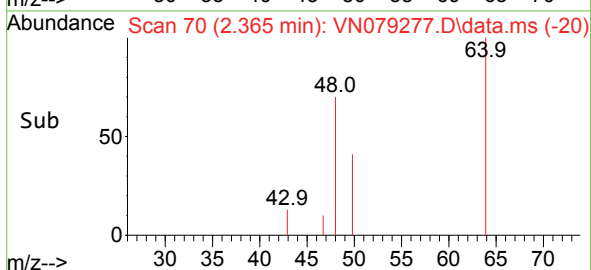
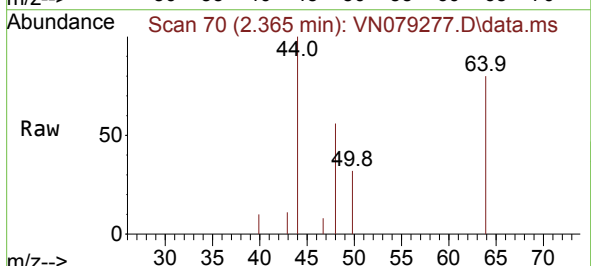


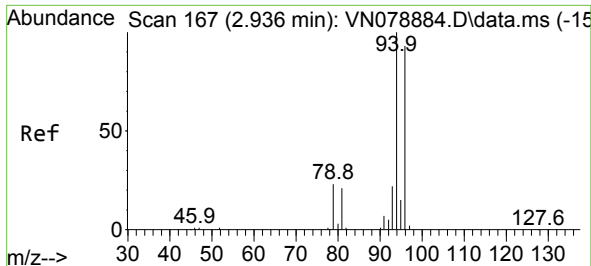
Tgt Ion:168 Resp: 167697
Ion Ratio Lower Upper
168 100
99 63.5 53.0 79.6



#3
Chloromethane
Concen: 0.376 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.006 min
Lab File: VN079277.D
Acq: 15 Sep 2023 17:18

Tgt Ion: 50 Resp: 819
Ion Ratio Lower Upper
50 100
52 0.0 26.5 39.7#





#5

Bromomethane

Concen: 0.260 ug/l

RT: 2.977 min Scan# 11

Delta R.T. 0.029 min

Lab File: VN079277.D

Acq: 15 Sep 2023 17:18

Instrument :

MSVOA_N

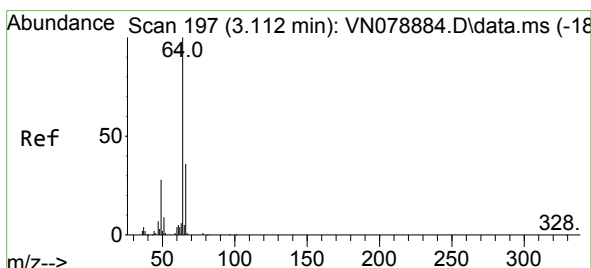
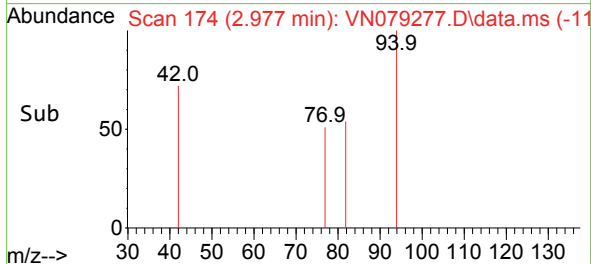
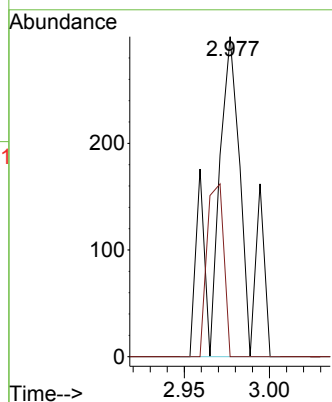
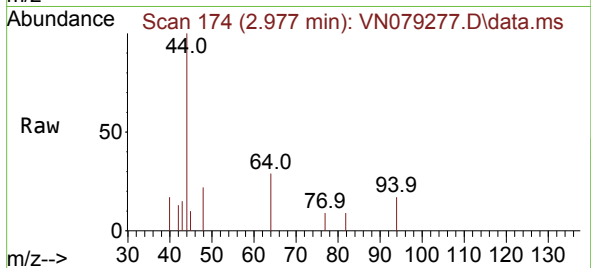
ClientSampleId :

Tgt Ion: 94 Resp: 355

Ion Ratio Lower Upper

94 100

96 0.0 73.1 109.7#



#6

Chloroethane

Concen: Below Cal

RT: 3.118 min Scan# 198

Delta R.T. 0.000 min

Lab File: VN079277.D

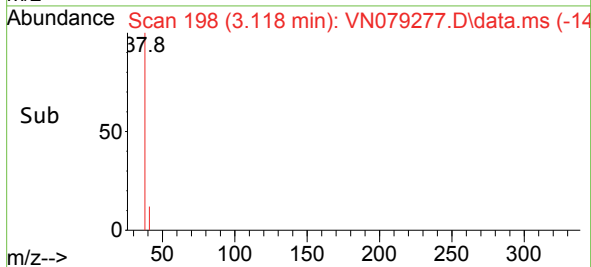
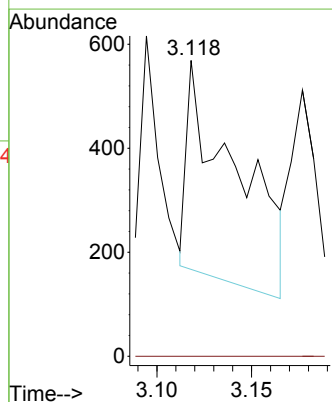
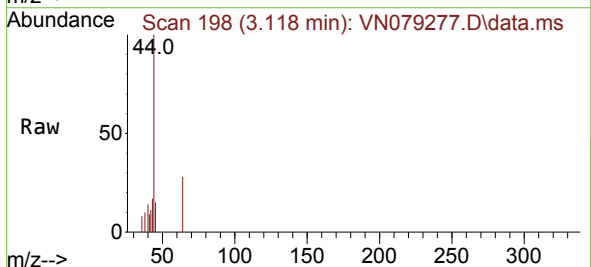
Acq: 15 Sep 2023 17:18

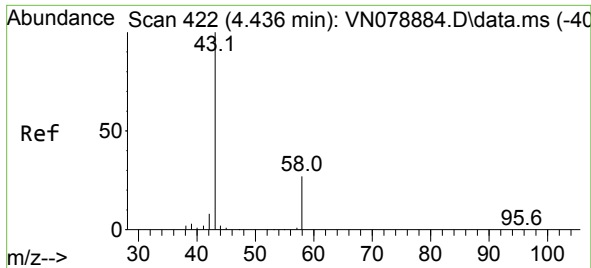
Tgt Ion: 64 Resp: 736

Ion Ratio Lower Upper

64 100

66 0.0 25.4 38.2#





#16

Acetone

Concen: 2.731 ug/l

RT: 4.447 min Scan# 41

Delta R.T. 0.005 min

Lab File: VN079277.D

Acq: 15 Sep 2023 17:18

Instrument :

MSVOA_N

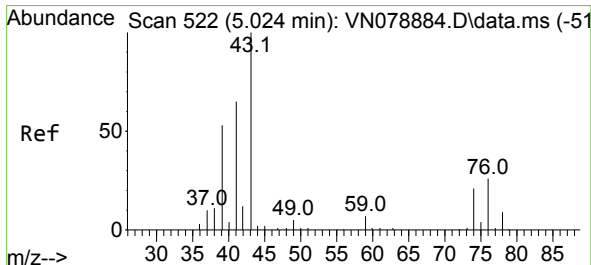
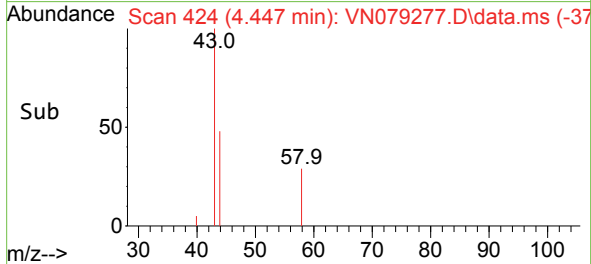
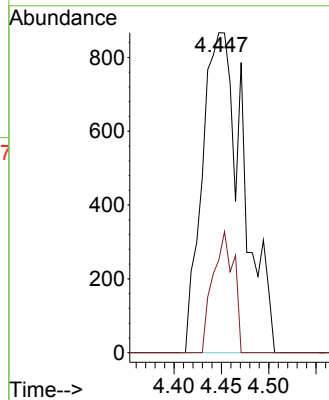
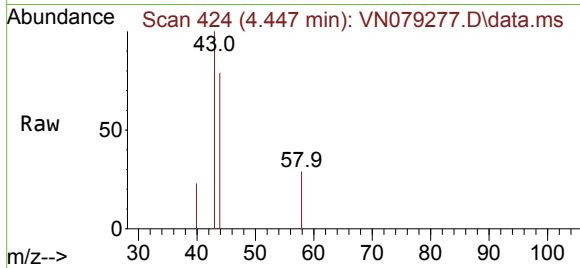
ClientSampleId :

Tgt Ion: 43 Resp: 2626

Ion Ratio Lower Upper

43 100

58 29.1 28.0 42.0



#18

Methyl Acetate

Concen: 0.638 ug/l

RT: 5.053 min Scan# 527

Delta R.T. 0.011 min

Lab File: VN079277.D

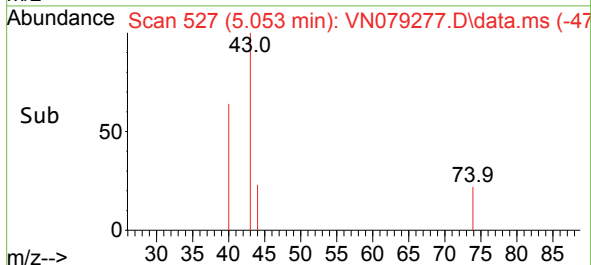
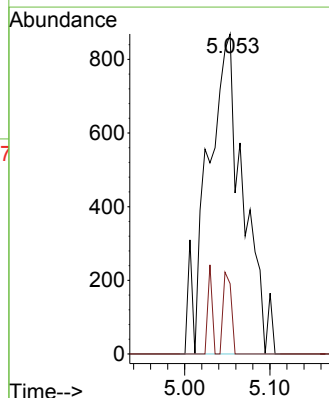
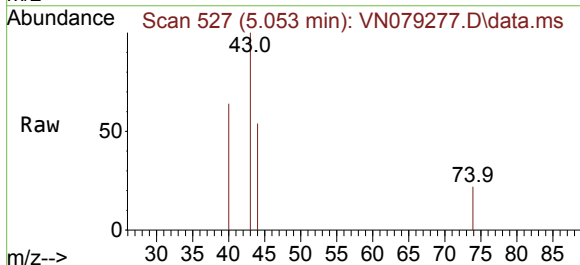
Acq: 15 Sep 2023 17:18

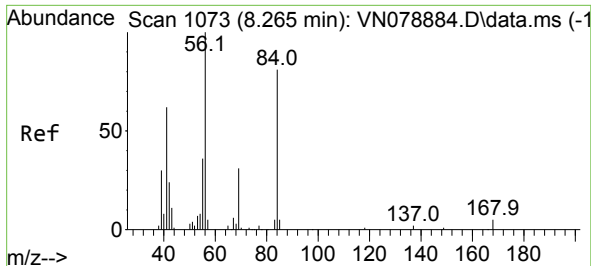
Tgt Ion: 43 Resp: 2519

Ion Ratio Lower Upper

43 100

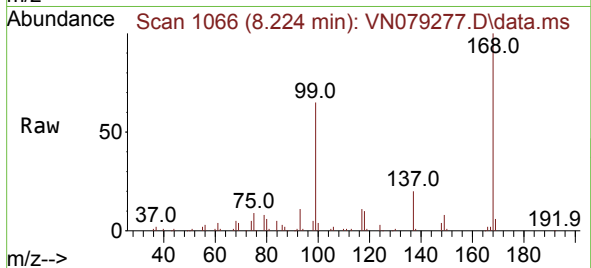
74 5.8 26.2 39.4#



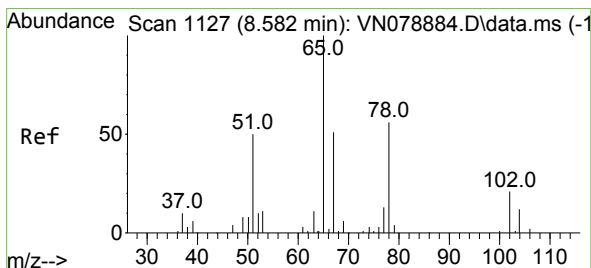
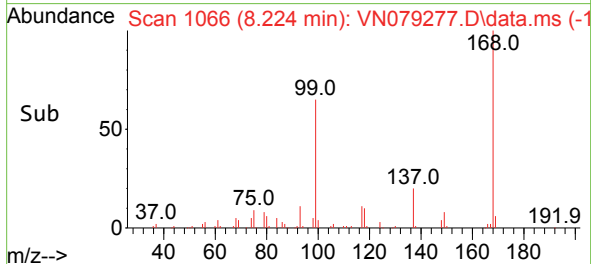
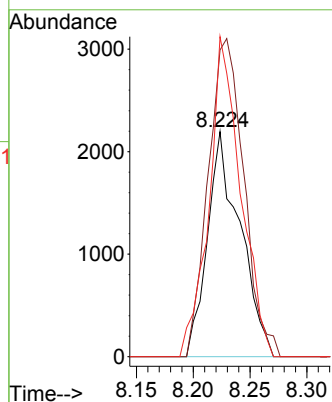


#31
Cyclohexane
Concen: 1.323 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.041 min
Lab File: VN079277.D
Acq: 15 Sep 2023 17:18

Instrument :
MSVOA_N
ClientSampleId :

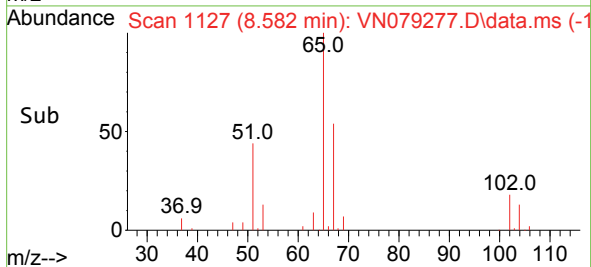
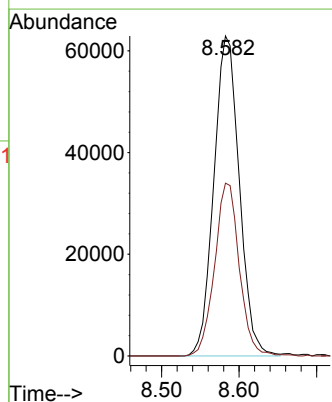
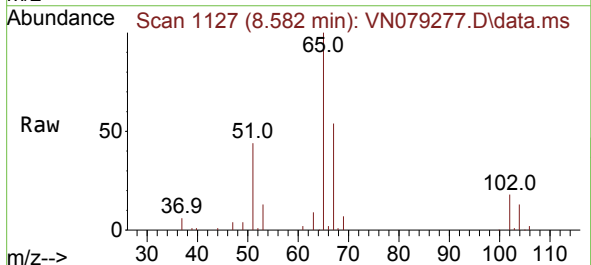


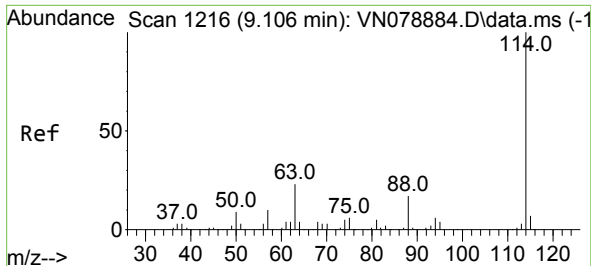
Tgt Ion: 56 Resp: 4373
Ion Ratio Lower Upper
56 100
69 136.3 26.8 40.2#
84 142.2 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 63.493 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN079277.D
Acq: 15 Sep 2023 17:18

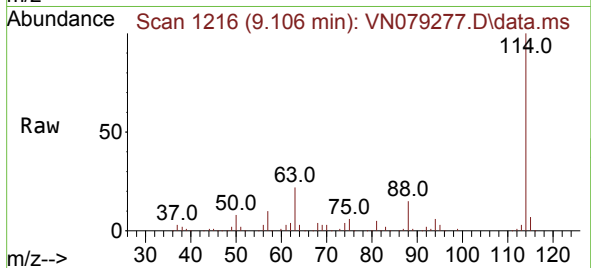
Tgt Ion: 65 Resp: 143732
Ion Ratio Lower Upper
65 100
67 52.3 0.0 106.6



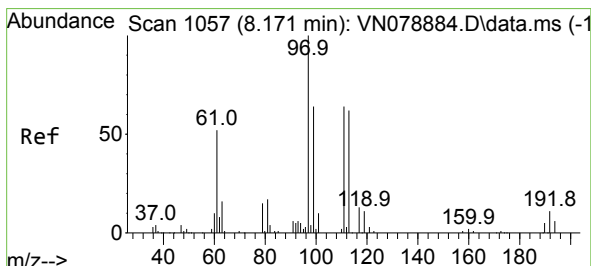
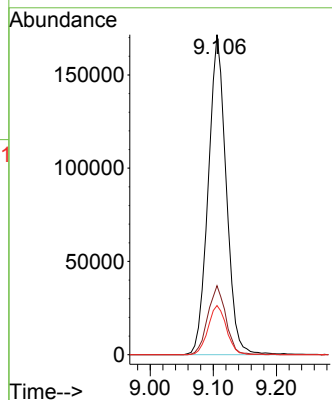
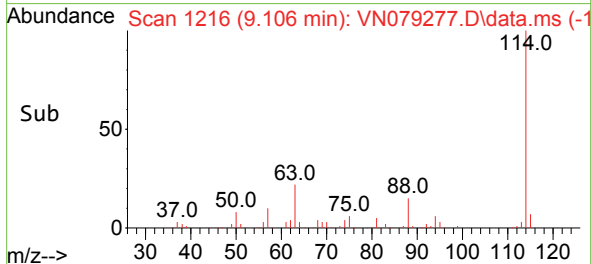


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079277.D
Acq: 15 Sep 2023 17:18

Instrument :
MSVOA_N
ClientSampleId :

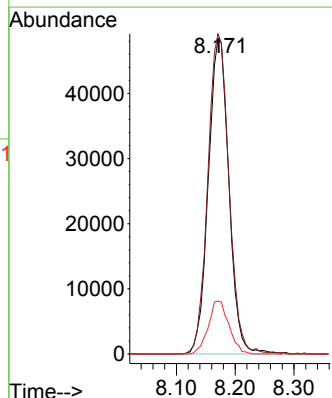
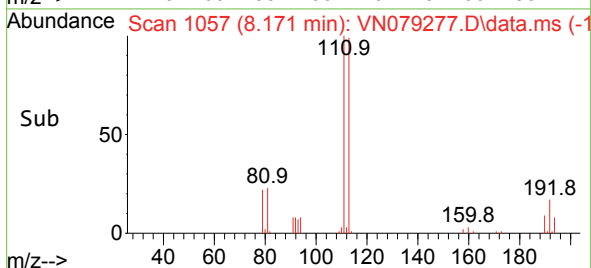
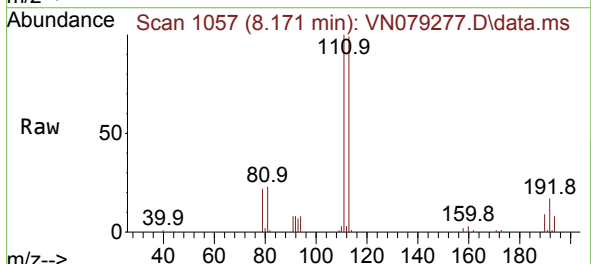


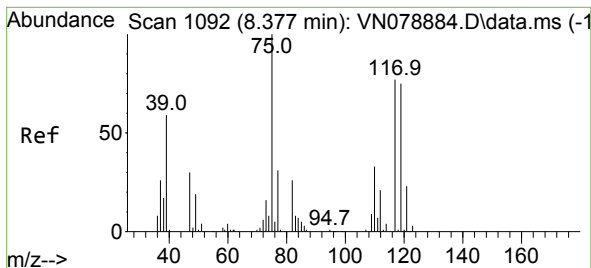
Tgt Ion:114 Resp: 338390
Ion Ratio Lower Upper
114 100
63 21.6 0.0 36.4
88 15.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 52.287 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079277.D
Acq: 15 Sep 2023 17:18

Tgt Ion:113 Resp: 117694
Ion Ratio Lower Upper
113 100
111 104.3 82.6 123.8
192 16.8 12.7 19.1





#36

1,1-Dichloropropene

Concen: 4.674 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.142 min

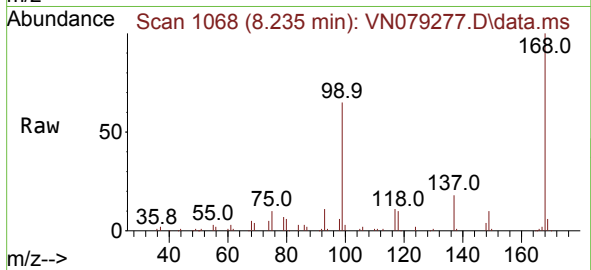
Lab File: VN079277.D

Acq: 15 Sep 2023 17:18

Instrument :

MSVOA_N

ClientSampleId :



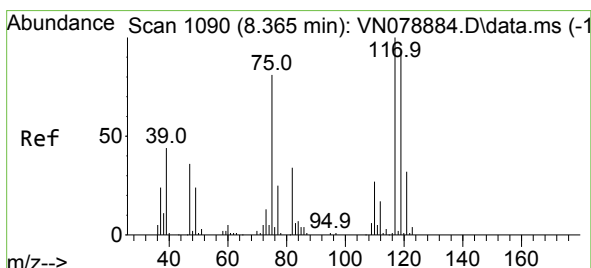
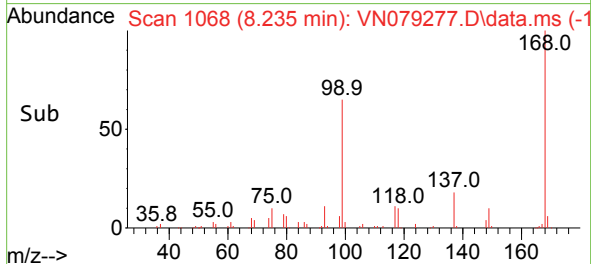
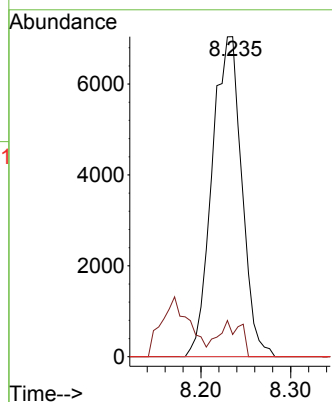
Tgt Ion: 75 Resp: 16218

Ion Ratio Lower Upper

75 100

110 8.7 19.1 57.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.248 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.136 min

Lab File: VN079277.D

Acq: 15 Sep 2023 17:18

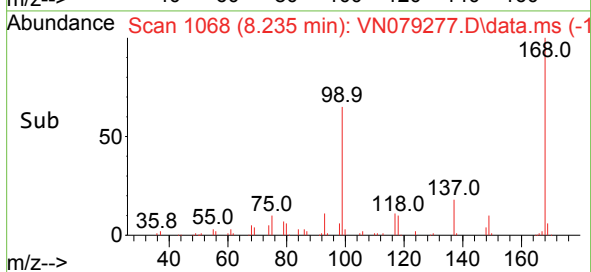
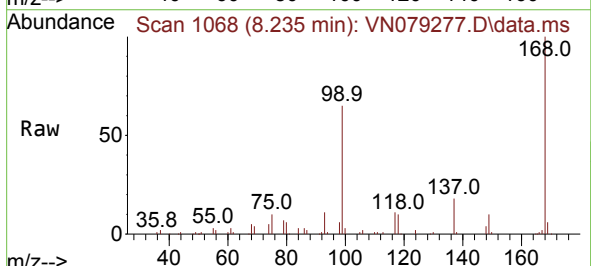
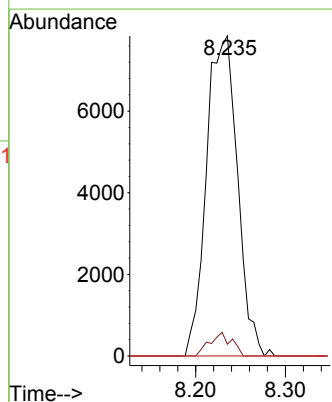
Tgt Ion: 117 Resp: 18841

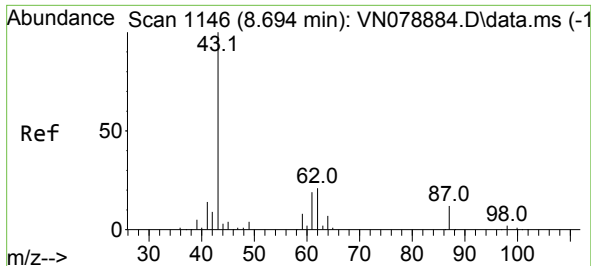
Ion Ratio Lower Upper

117 100

119 3.7 77.3 115.9#

121 0.0 23.3 34.9#





#43

Isopropyl Acetate

Concen: 1.444 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.006 min

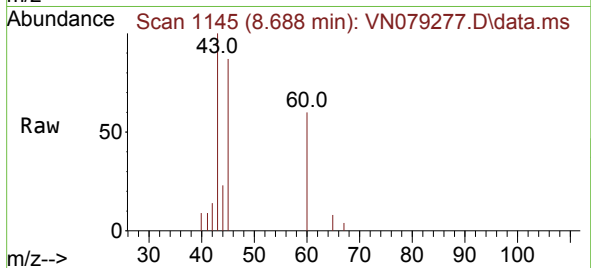
Lab File: VN079277.D

Acq: 15 Sep 2023 17:18

Instrument :

MSVOA_N

ClientSampleId :



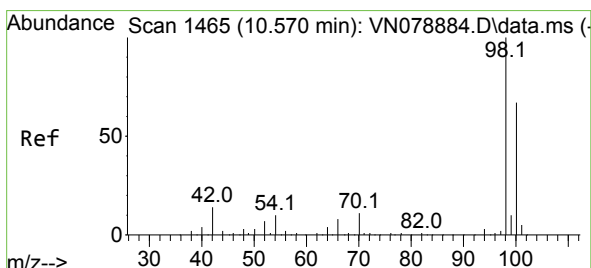
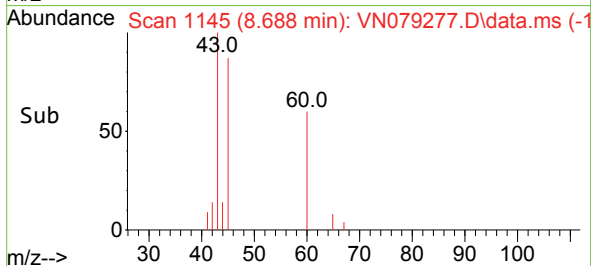
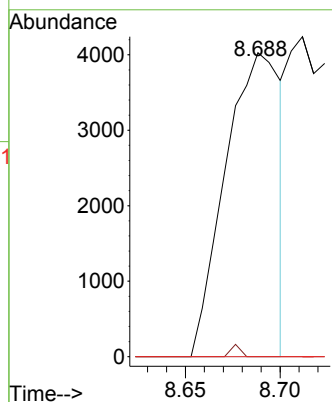
Tgt Ion: 43 Resp: 8155

Ion Ratio Lower Upper

43 100

61 0.0 24.7 37.1#

87 0.0 14.6 21.8#



#50

Toluene-d8

Concen: 49.353 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. -0.001 min

Lab File: VN079277.D

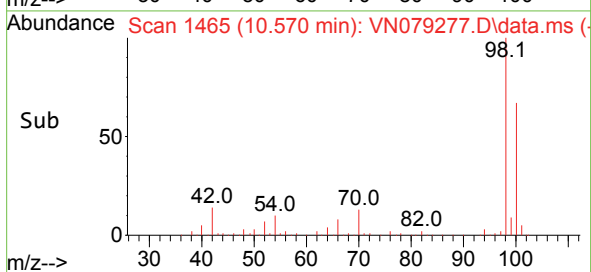
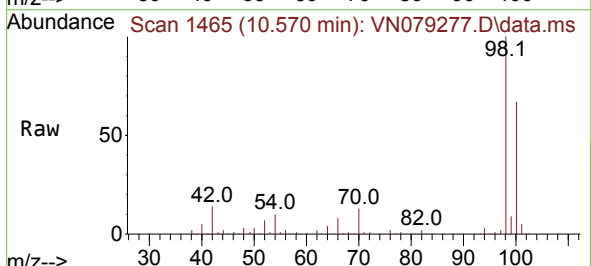
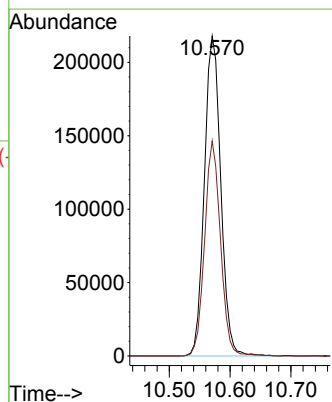
Acq: 15 Sep 2023 17:18

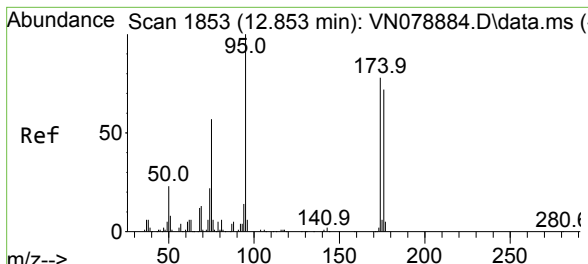
Tgt Ion: 98 Resp: 407905

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0

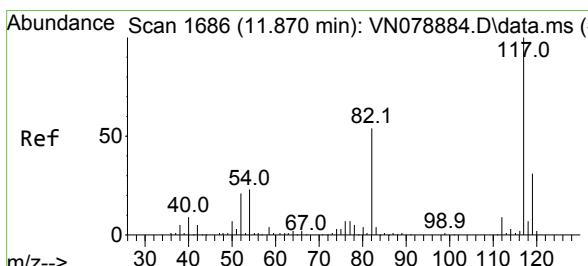
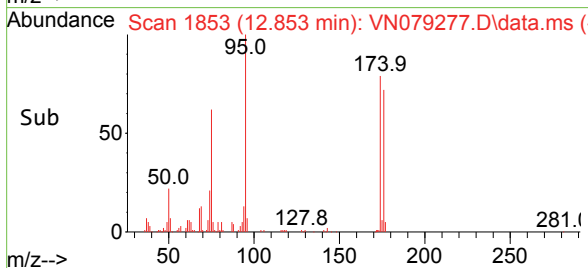
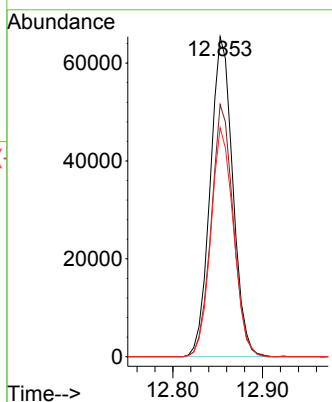
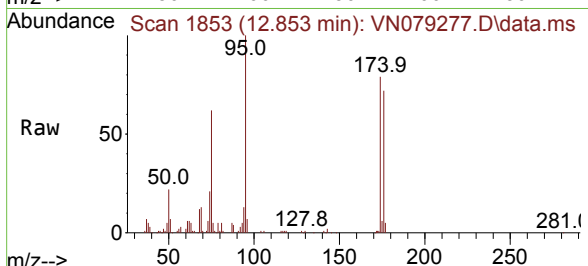




#62
 4-Bromofluorobenzene
 Concen: 43.196 ug/l
 RT: 12.853 min Scan# 113880
 Delta R.T. -0.000 min
 Lab File: VN079277.D
 Acq: 15 Sep 2023 17:18

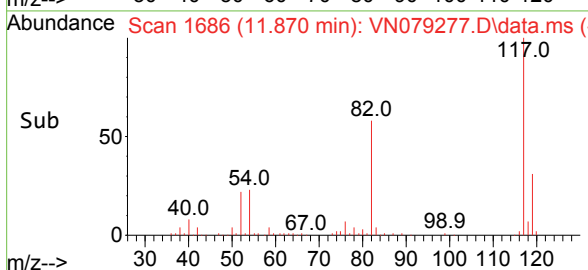
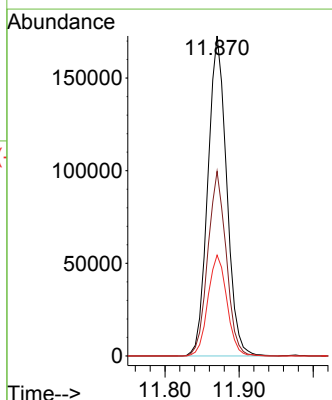
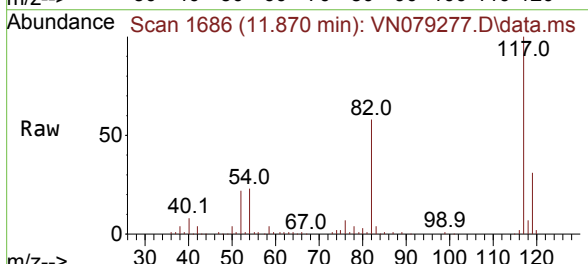
Instrument :
 MSVOA_N
 ClientSampleId :

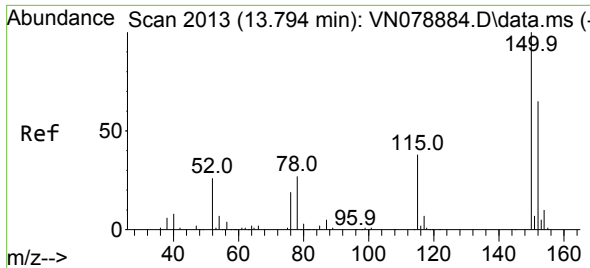
Tgt Ion:	95	Resp:	113880
Ion	Ratio	Lower	Upper
95	100		
174	77.3	0.0	143.8
176	71.9	0.0	135.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.870 min Scan# 1686
 Delta R.T. -0.001 min
 Lab File: VN079277.D
 Acq: 15 Sep 2023 17:18

Tgt Ion:	117	Resp:	304258
Ion	Ratio	Lower	Upper
117	100		
82	57.7	44.0	66.0
119	31.5	25.6	38.4

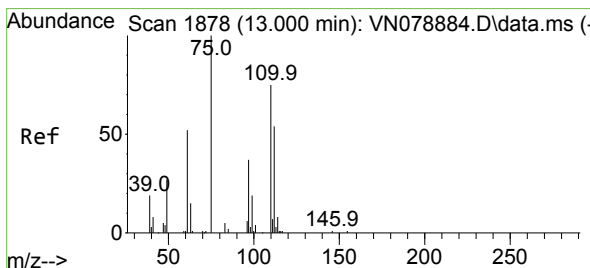
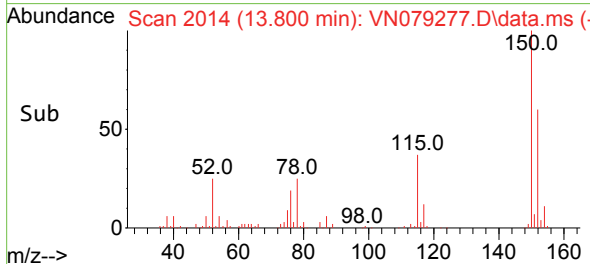
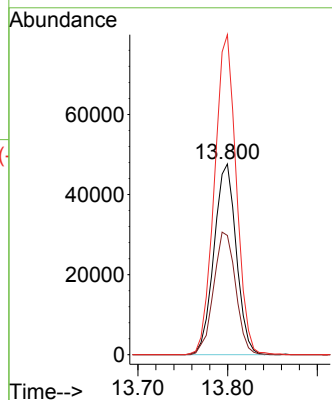
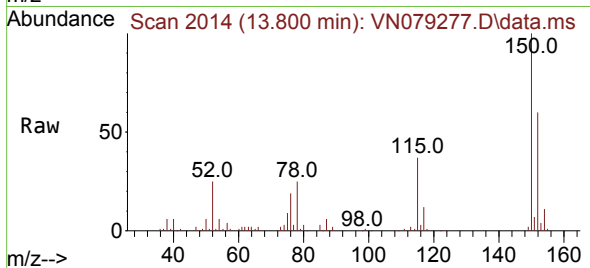




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN079277.D
 Acq: 15 Sep 2023 17:18

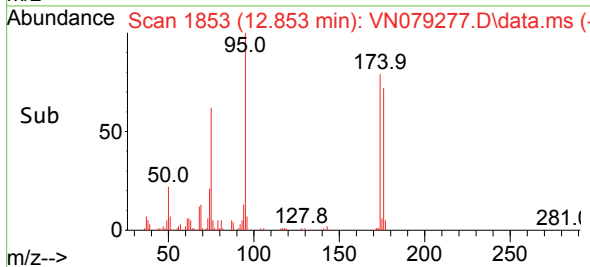
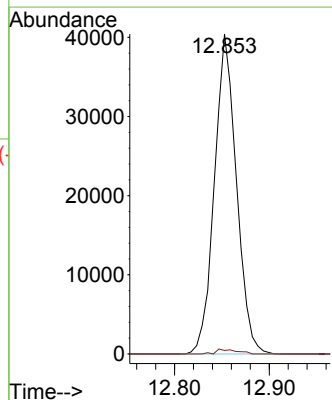
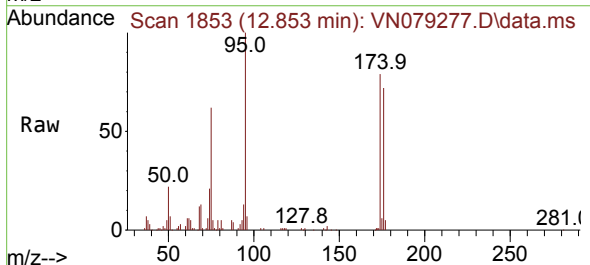
Instrument :
 MSVOA_N
 ClientSampleId :

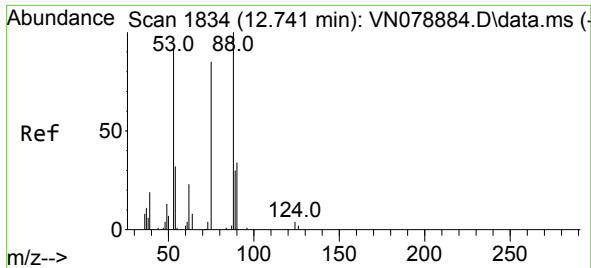
Tgt Ion:152 Resp: 81981
 Ion Ratio Lower Upper
 152 100
 115 63.7 32.3 96.8
 150 164.8 0.0 355.8



#76
 1,2,3-Trichloropropane
 Concen: 29.566 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.147 min
 Lab File: VN079277.D
 Acq: 15 Sep 2023 17:18

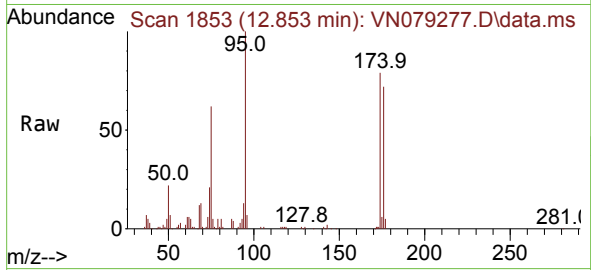
Tgt Ion: 75 Resp: 65327
 Ion Ratio Lower Upper
 75 100
 77 1.4 84.5 253.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.284 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN079277.D
 Acq: 15 Sep 2023 17:18

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 65327
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.4 101.2#
 89 0.0 38.8 58.2#

