

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060923\
 Data File : VN078140.D
 Acq On : 09 Jun 2023 12:46
 Operator : JC\MD
 Sample : 03123-02RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 09 23:06:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

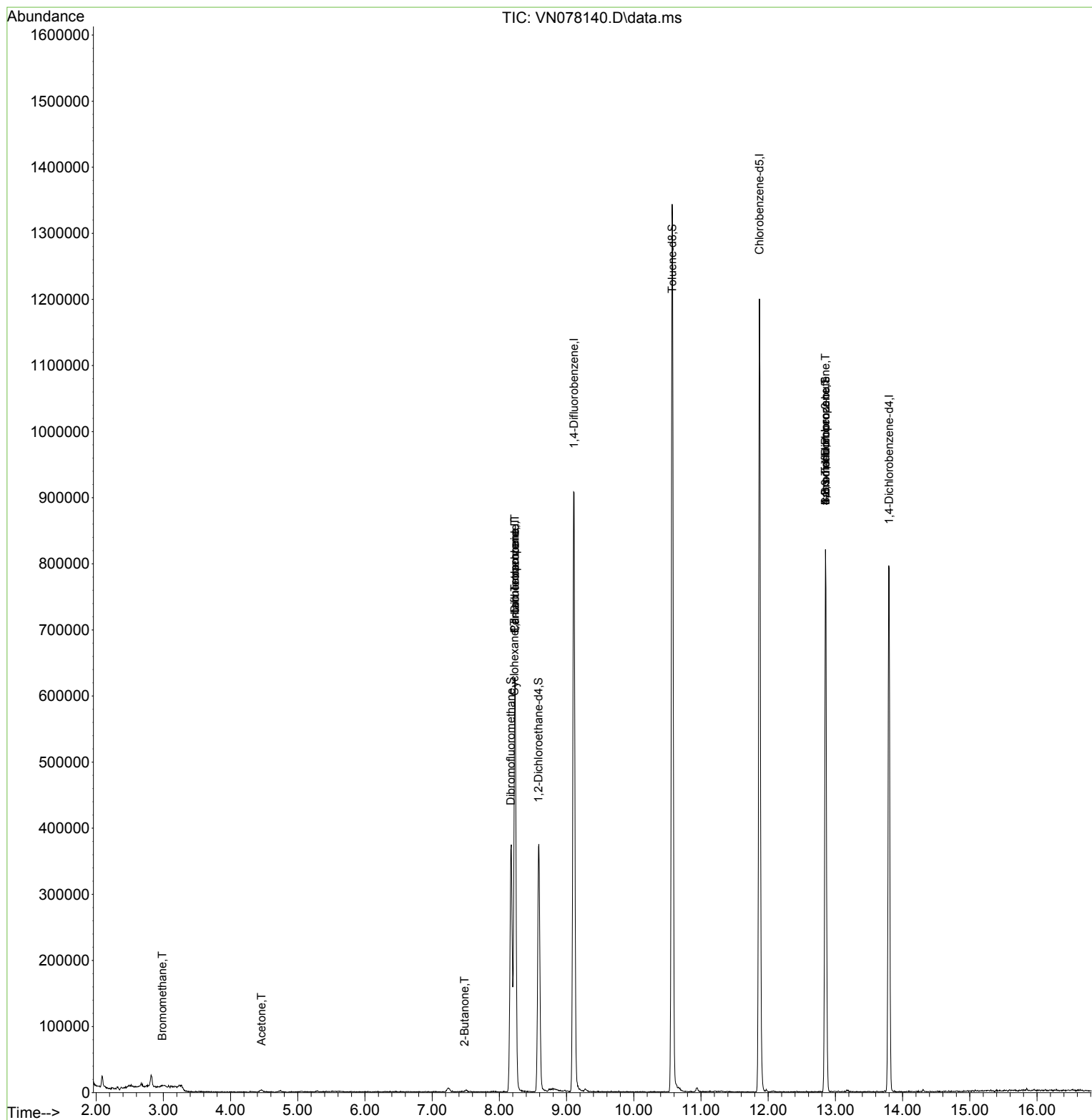
Internal Standards						
1) Pentafluorobenzene	8.230	168	452302	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	823324	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	719785	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	218294	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	312012	51.738	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.480%	
35) Dibromofluoromethane	8.171	113	270099	51.885	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.760%	
50) Toluene-d8	10.571	98	982558	48.960	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.920%	
62) 4-Bromofluorobenzene	12.853	95	290777	46.607	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.220%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	1533	Below Cal	#	68
5) Bromomethane	2.983	94	1525	0.301	ug/l	96
16) Acetone	4.459	43	4944	2.848	ug/l #	82
25) 2-Butanone	7.482	43	1104	0.414	ug/l #	59
31) Cyclohexane	8.224	56	11251	1.454	ug/l #	54
36) 1,1-Dichloropropene	8.230	75	40158	5.378	ug/l #	48
38) Carbon Tetrachloride	8.230	117	48543	6.157	ug/l #	16
71) Bromoform	12.853	173	2731	0.746	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.888	83	83	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.853	75	154209	29.882	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	154209	91.808	ug/l #	15

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

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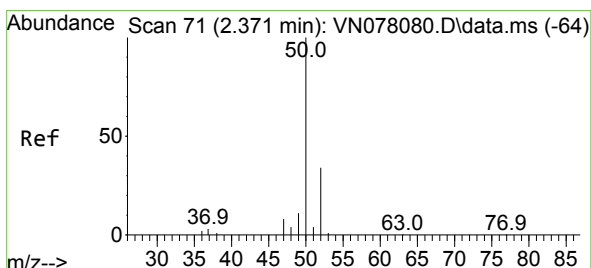
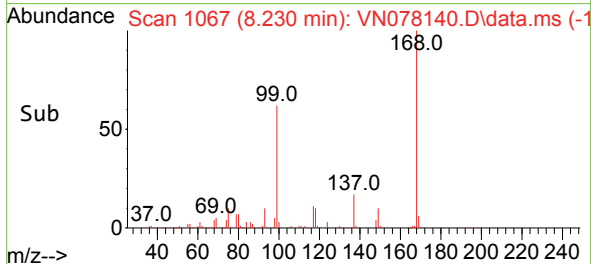
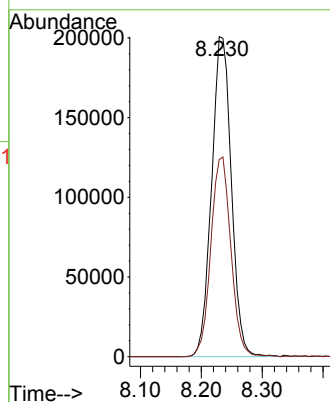
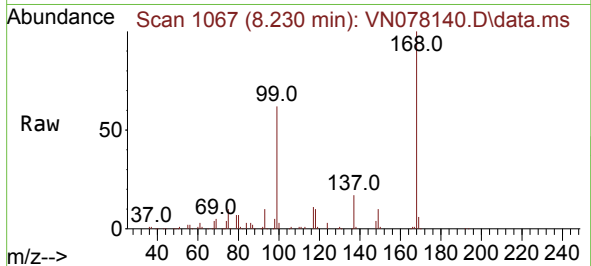




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.005 min
Lab File: VN078140.D
Acq: 09 Jun 2023 12:46

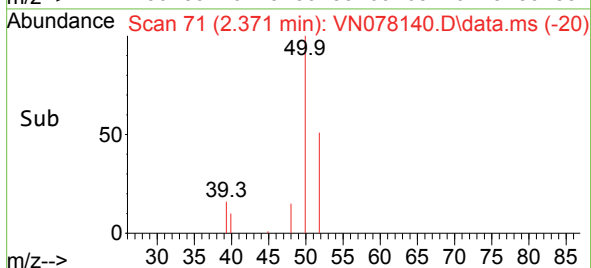
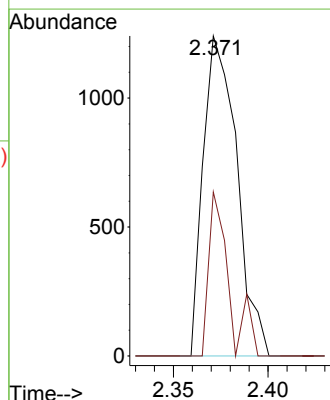
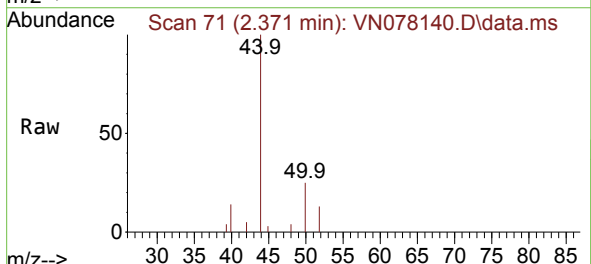
Instrument :
MSVOA_N
ClientSampleId :

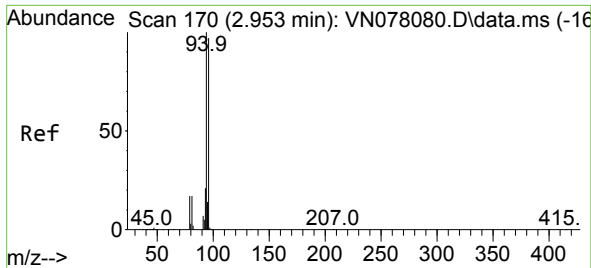
Tgt Ion:168 Resp: 452302
Ion Ratio Lower Upper
168 100
99 61.6 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078140.D
Acq: 09 Jun 2023 12:46

Tgt Ion: 50 Resp: 1533
Ion Ratio Lower Upper
50 100
52 51.2 26.5 39.7#

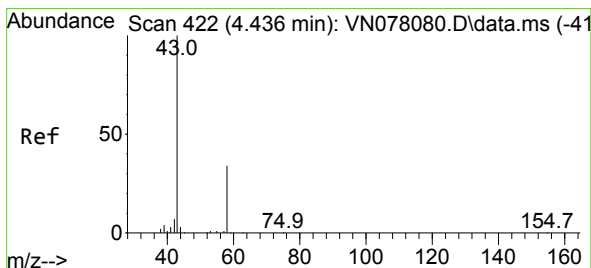
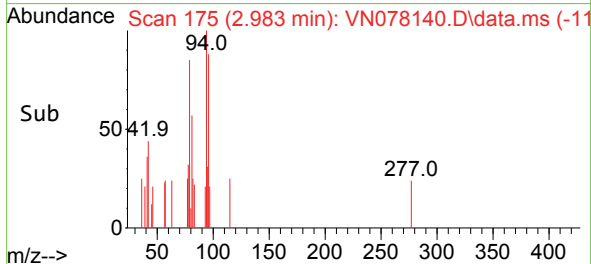
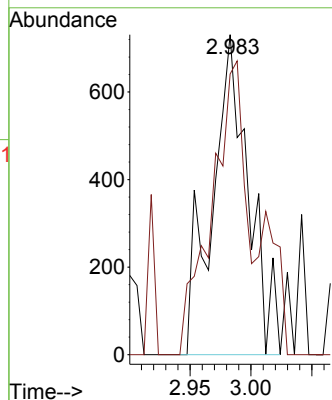
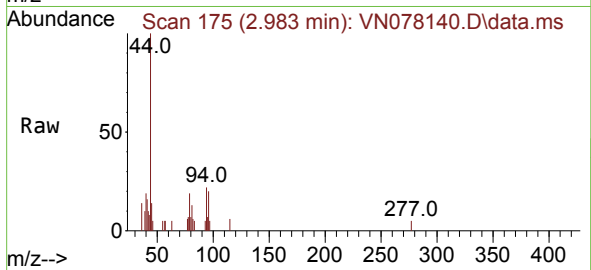




#5
Bromomethane
Concen: 0.301 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN078140.D
Acq: 09 Jun 2023 12:46

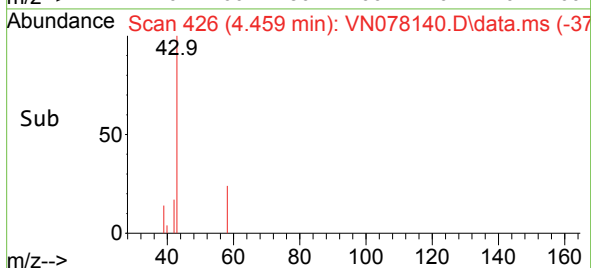
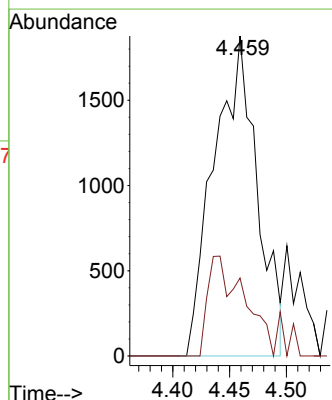
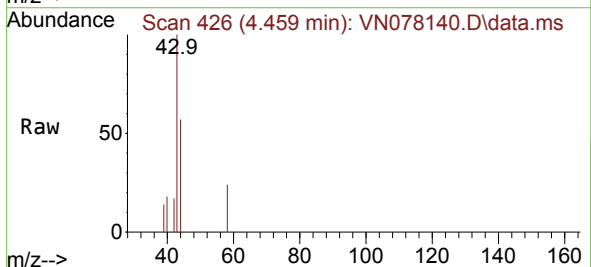
Instrument :
MSVOA_N
ClientSampleId :

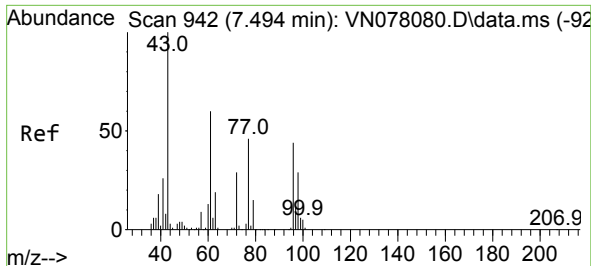
Tgt Ion: 94 Resp: 1525
Ion Ratio Lower Upper
94 100
96 87.7 73.1 109.7



#16
Acetone
Concen: 2.848 ug/l
RT: 4.459 min Scan# 426
Delta R.T. 0.023 min
Lab File: VN078140.D
Acq: 09 Jun 2023 12:46

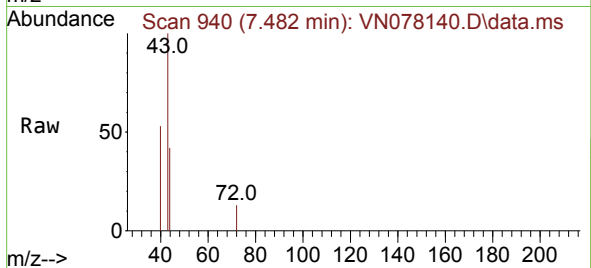
Tgt Ion: 43 Resp: 4944
Ion Ratio Lower Upper
43 100
58 24.3 28.0 42.0#



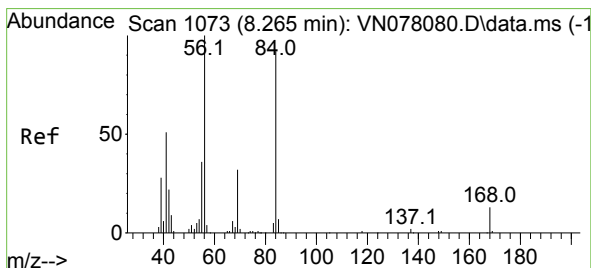
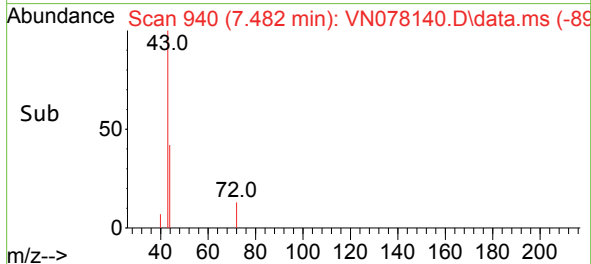
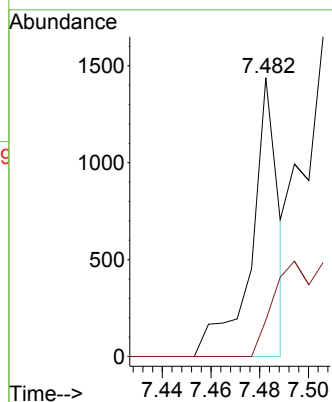


#25
2-Butanone
Concen: 0.414 ug/l
RT: 7.482 min Scan# 942
Delta R.T. -0.012 min
Lab File: VN078140.D
Acq: 09 Jun 2023 12:46

Instrument :
MSVOA_N
ClientSampleId :

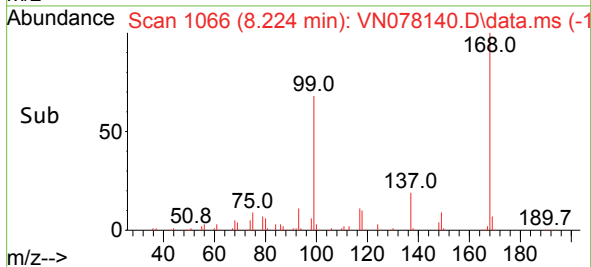
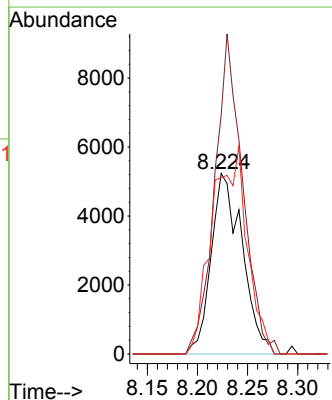
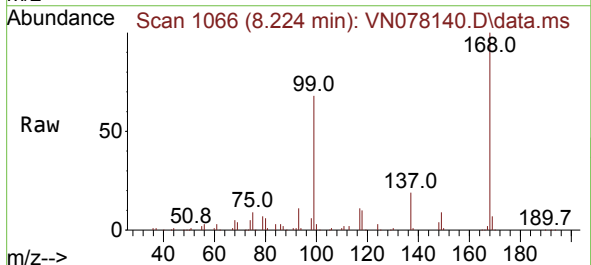


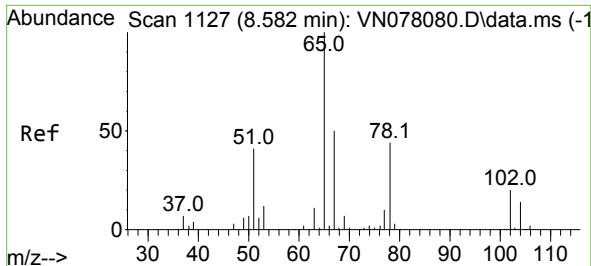
Tgt Ion: 43 Resp: 1104
Ion Ratio Lower Upper
43 100
72 13.0 30.2 45.2#



#31
Cyclohexane
Concen: 1.454 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.041 min
Lab File: VN078140.D
Acq: 09 Jun 2023 12:46

Tgt Ion: 56 Resp: 11251
Ion Ratio Lower Upper
56 100
69 132.1 26.8 40.2#
84 97.7 81.8 122.6





#33

1,2-Dichloroethane-d4

Concen: 51.738 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN078140.D

Acq: 09 Jun 2023 12:46

Instrument :

MSVOA_N

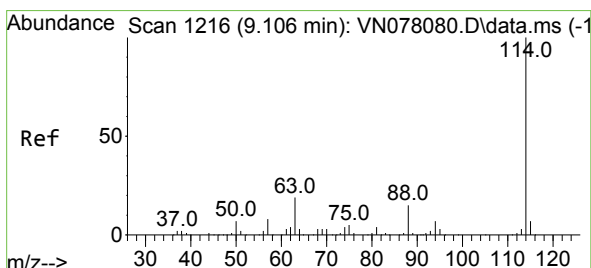
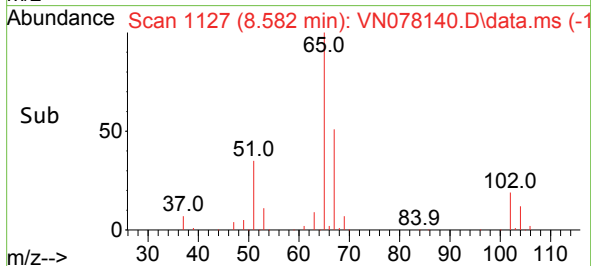
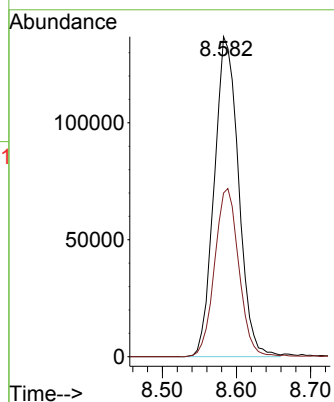
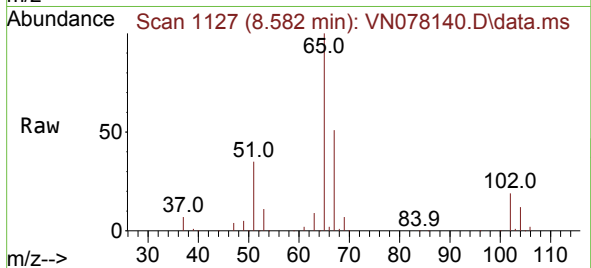
ClientSampleId :

Tgt Ion: 65 Resp: 312012

Ion Ratio Lower Upper

65 100

67 52.5 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN078140.D

Acq: 09 Jun 2023 12:46

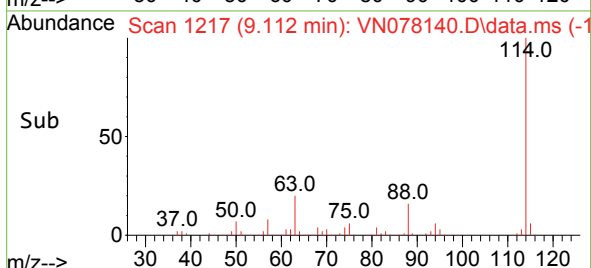
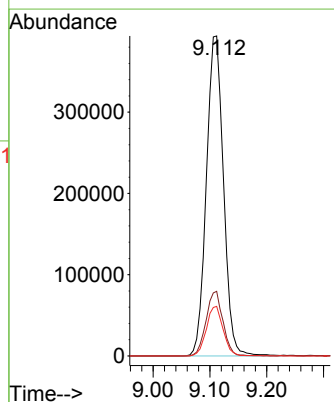
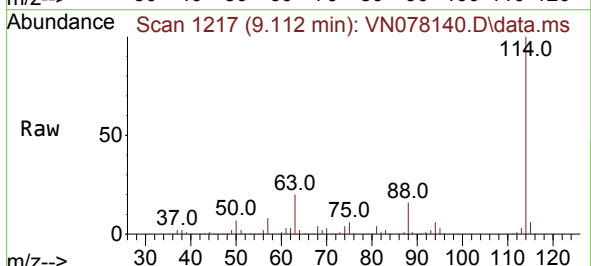
Tgt Ion: 114 Resp: 823324

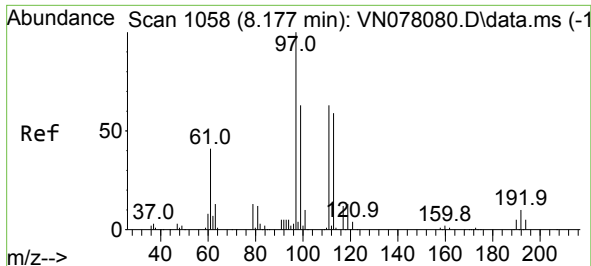
Ion Ratio Lower Upper

114 100

63 20.2 0.0 36.4

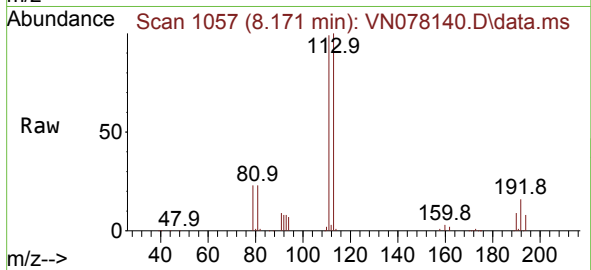
88 15.5 0.0 30.6





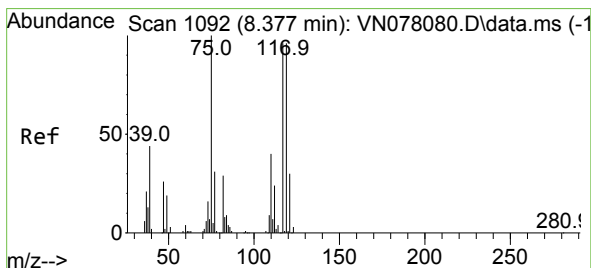
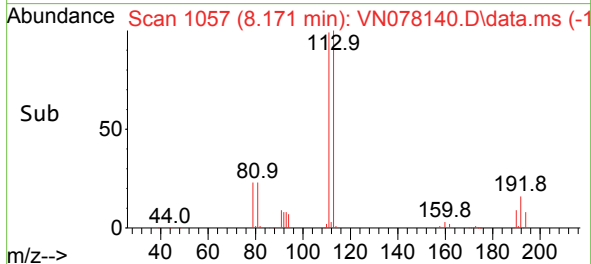
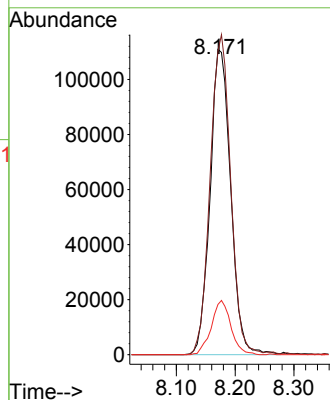
#35
 Dibromofluoromethane
 Concen: 51.885 ug/l
 RT: 8.171 min Scan# 1057
 Delta R.T. -0.006 min
 Lab File: VN078140.D
 Acq: 09 Jun 2023 12:46

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 113 Resp: 270099

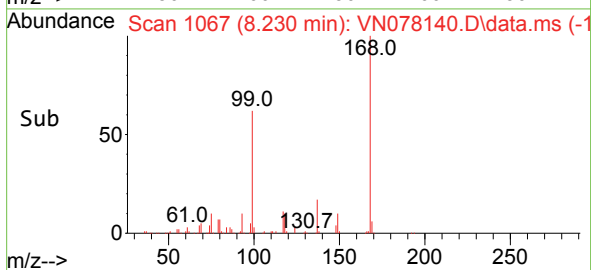
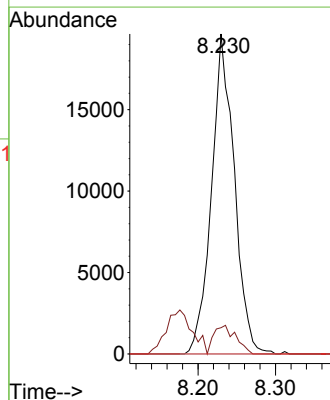
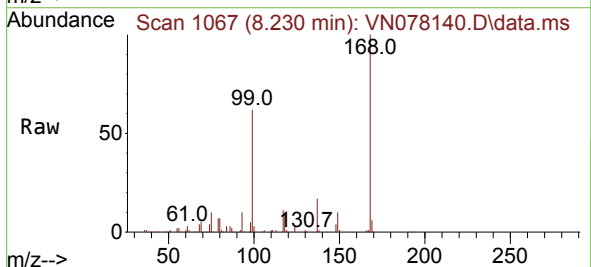
Ion	Ratio	Lower	Upper
113	100		
111	104.4	82.6	123.8
192	16.9	12.7	19.1

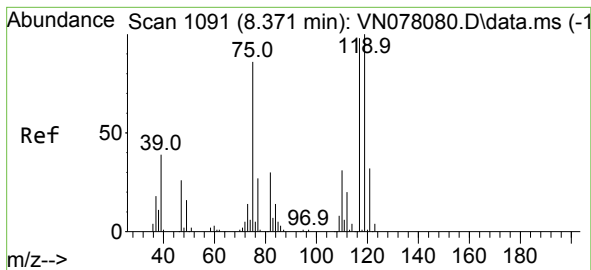


#36
 1,1-Dichloropropene
 Concen: 5.378 ug/l
 RT: 8.230 min Scan# 1067
 Delta R.T. -0.147 min
 Lab File: VN078140.D
 Acq: 09 Jun 2023 12:46

Tgt Ion: 75 Resp: 40158

Ion	Ratio	Lower	Upper
75	100		
110	8.6	19.1	57.3#
77	0.0	25.0	37.4#





#38

Carbon Tetrachloride

Concen: 6.157 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

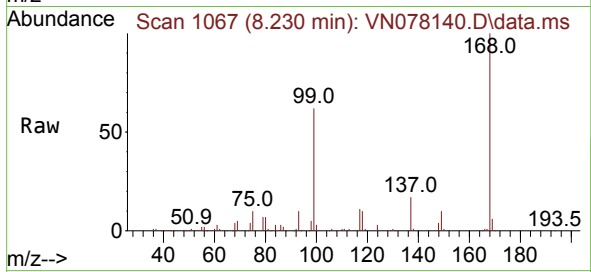
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Acq: 09 Jun 2023 12:46

Instrument :

MSVOA_N

ClientSampleId :



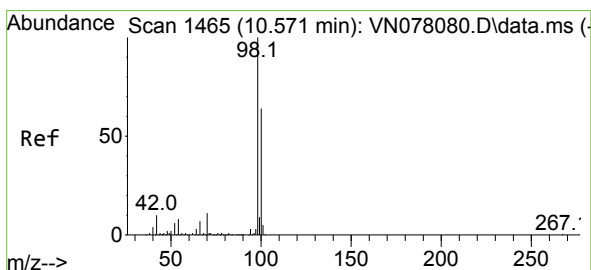
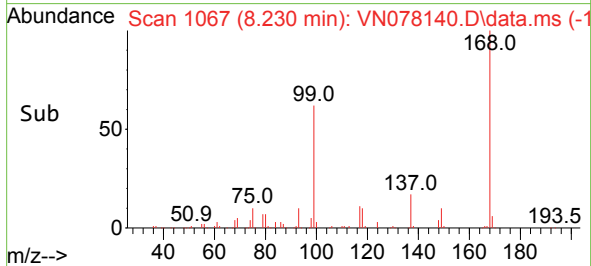
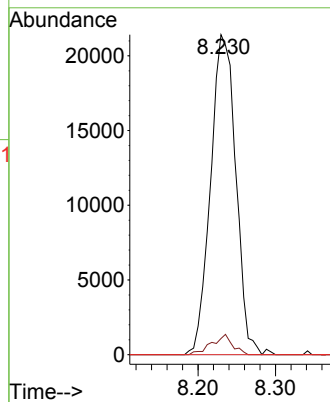
Tgt Ion:117 Resp: 48543

Ion Ratio Lower Upper

117 100

119 5.1 77.3 115.9#

121 0.0 23.3 34.9#



#50

Toluene-d8

Concen: 48.960 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078140.D

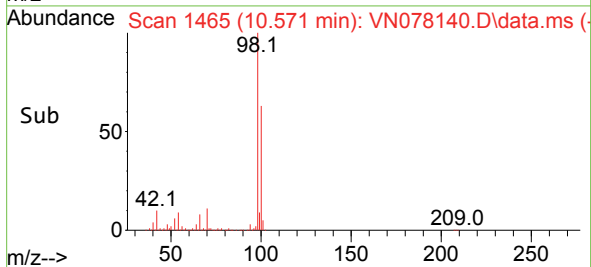
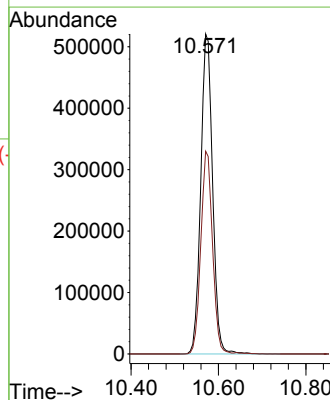
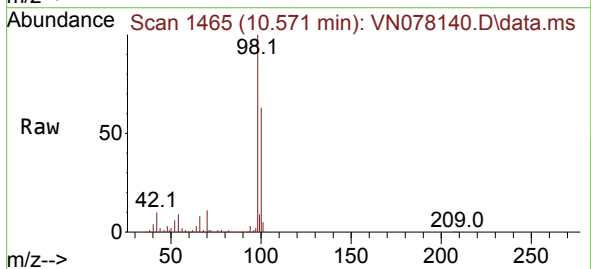
Acq: 09 Jun 2023 12:46

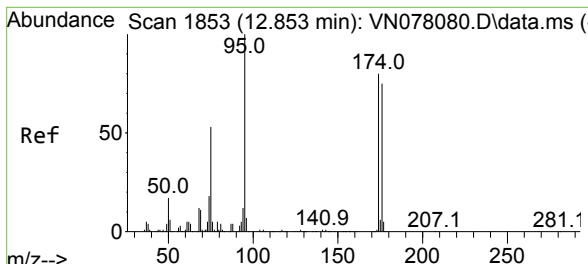
Tgt Ion: 98 Resp: 982558

Ion Ratio Lower Upper

98 100

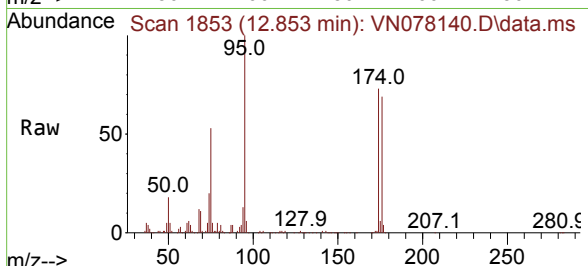
100 62.6 52.0 78.0





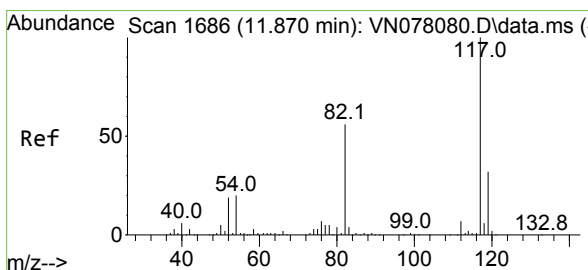
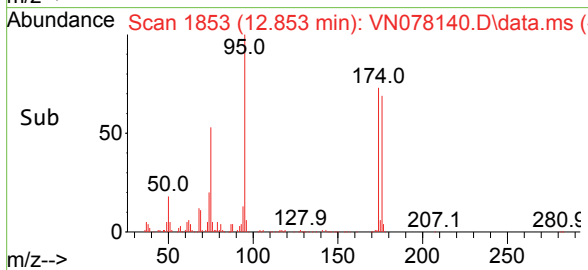
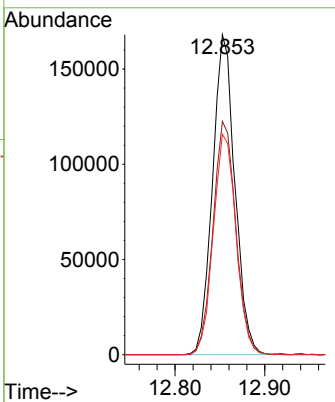
#62
 4-Bromofluorobenzene
 Concen: 46.607 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.000 min
 Lab File: VN078140.D
 Acq: 09 Jun 2023 12:46

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 95 Resp: 290777

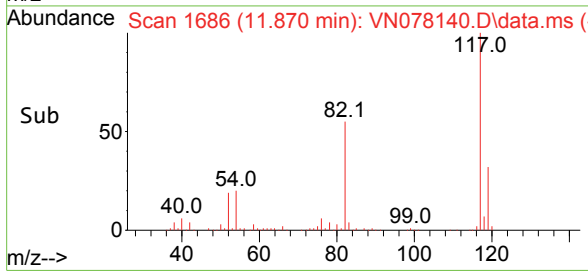
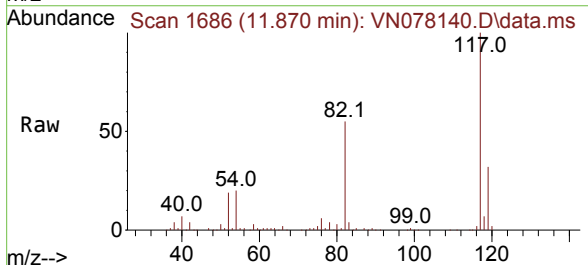
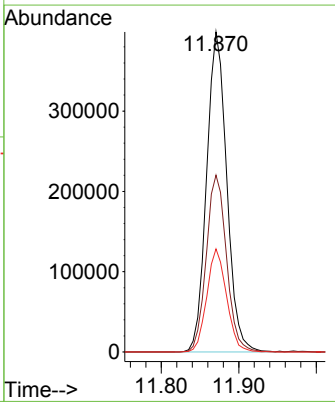
Ion	Ratio	Lower	Upper
95	100		
174	74.4	0.0	143.8
176	70.1	0.0	135.8

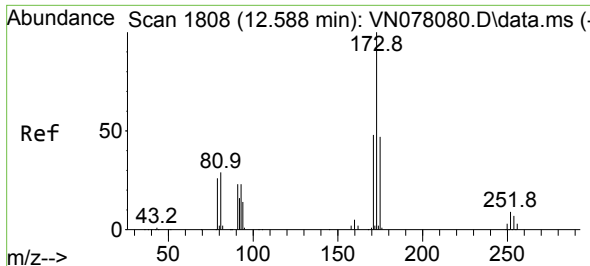


#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.870 min Scan# 1686
 Delta R.T. -0.000 min
 Lab File: VN078140.D
 Acq: 09 Jun 2023 12:46

Tgt Ion: 117 Resp: 719785

Ion	Ratio	Lower	Upper
117	100		
82	55.2	44.0	66.0
119	32.2	25.6	38.4

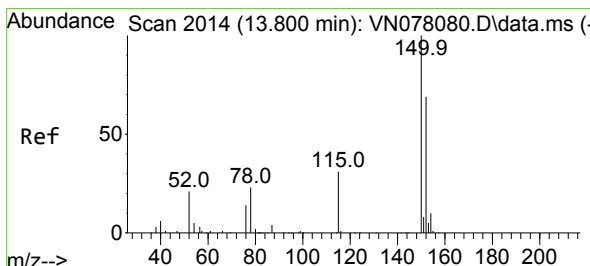
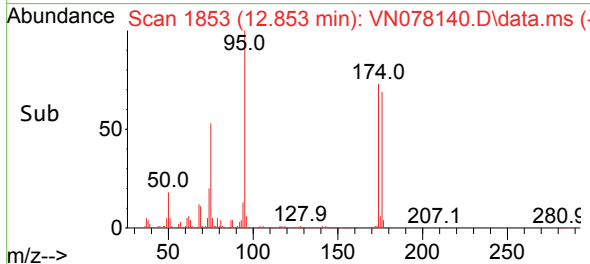
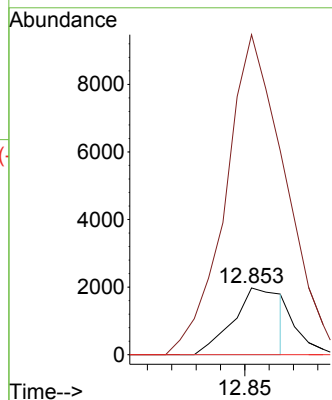
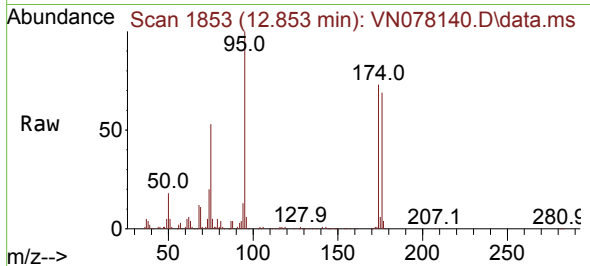




#71
Bromoform
Concen: 0.746 ug/l
RT: 12.853 min Scan# 1808
Delta R.T. 0.265 min
Lab File: VN078140.D
Acq: 09 Jun 2023 12:46

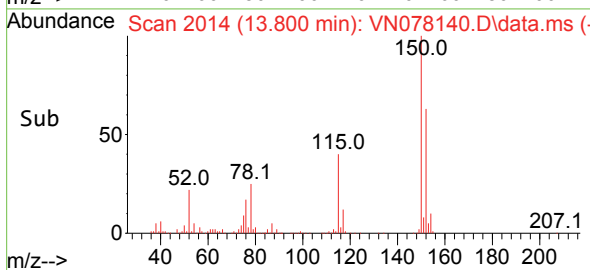
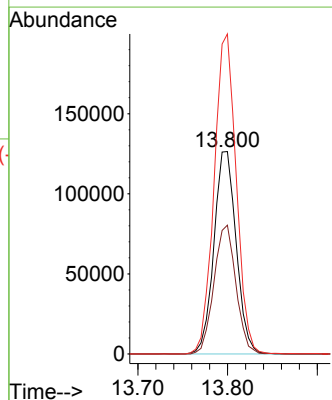
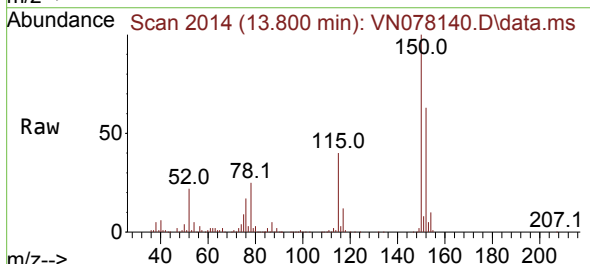
Instrument :
MSVOA_N
ClientSampleId :

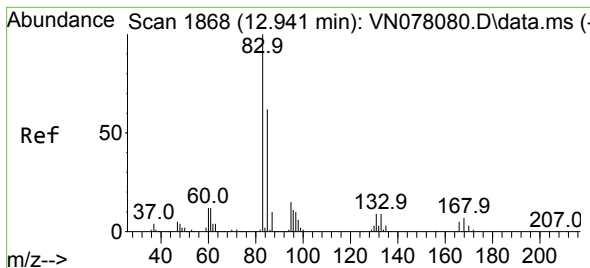
Tgt Ion:173 Resp: 2731
Ion Ratio Lower Upper
173 100
175 500.1 24.3 73.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078140.D
Acq: 09 Jun 2023 12:46

Tgt Ion:152 Resp: 218294
Ion Ratio Lower Upper
152 100
115 62.8 32.3 96.8
150 156.5 0.0 355.8





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.888 min Scan# 1859

Delta R.T. -0.053 min

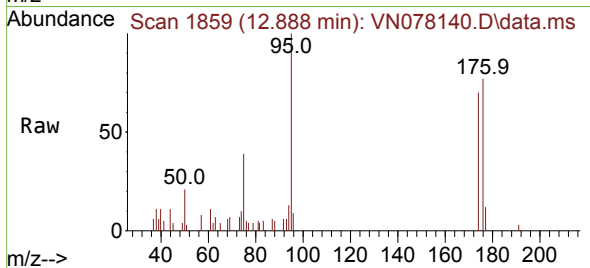
Lab File: VN078140.D

Acq: 09 Jun 2023 12:46

Instrument :

MSVOA_N

ClientSampleId :



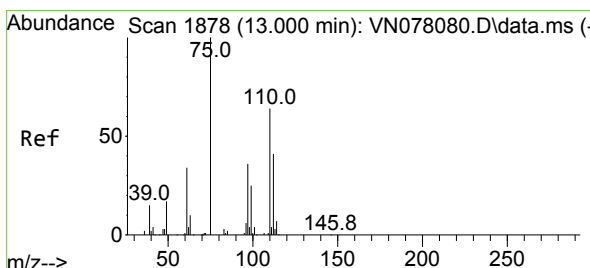
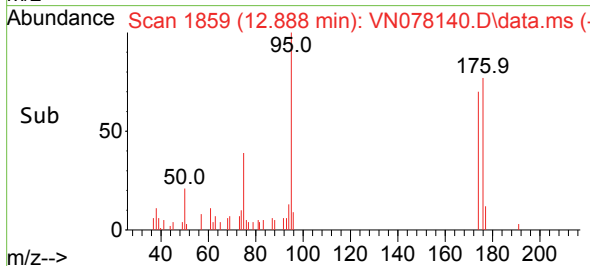
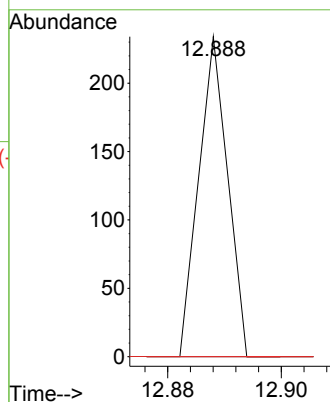
Tgt Ion: 83 Resp: 83

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

85 0.0 31.9 95.7#



#76

1,2,3-Trichloropropane

Concen: 29.882 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN078140.D

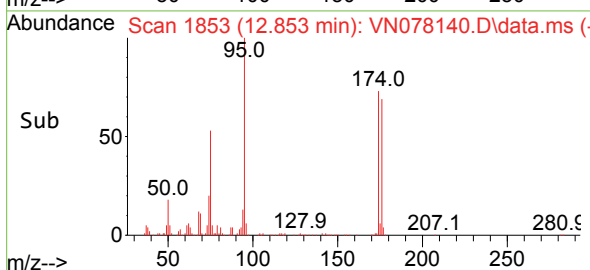
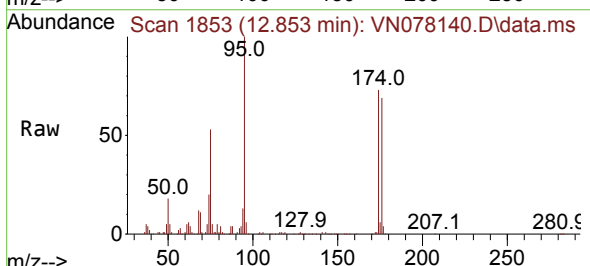
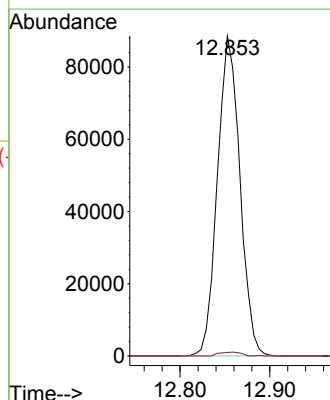
Acq: 09 Jun 2023 12:46

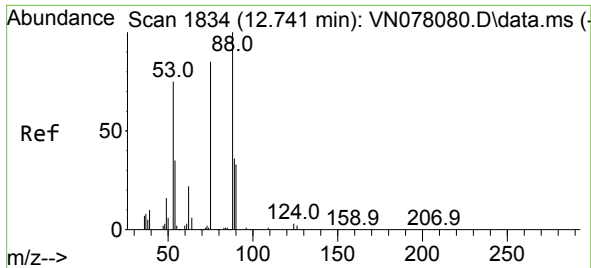
Tgt Ion: 75 Resp: 154209

Ion Ratio Lower Upper

75 100

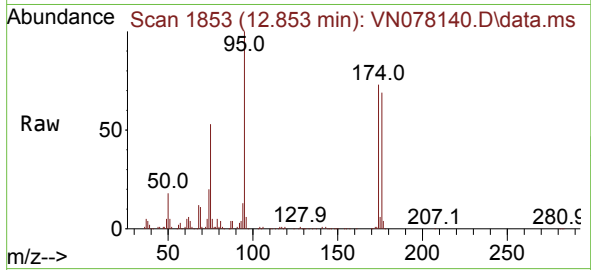
77 1.2 84.5 253.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.808 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN078140.D
 Acq: 09 Jun 2023 12:46

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 154209
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.4 101.2#
 89 0.0 38.8 58.2#

