

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041625\
 Data File : VN086297.D
 Acq On : 16 Apr 2025 15:14
 Operator : JC\MD
 Sample : Q1793-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 Storage-Blank-WATER-REF-4

Quant Time: Apr 17 03:07:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

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

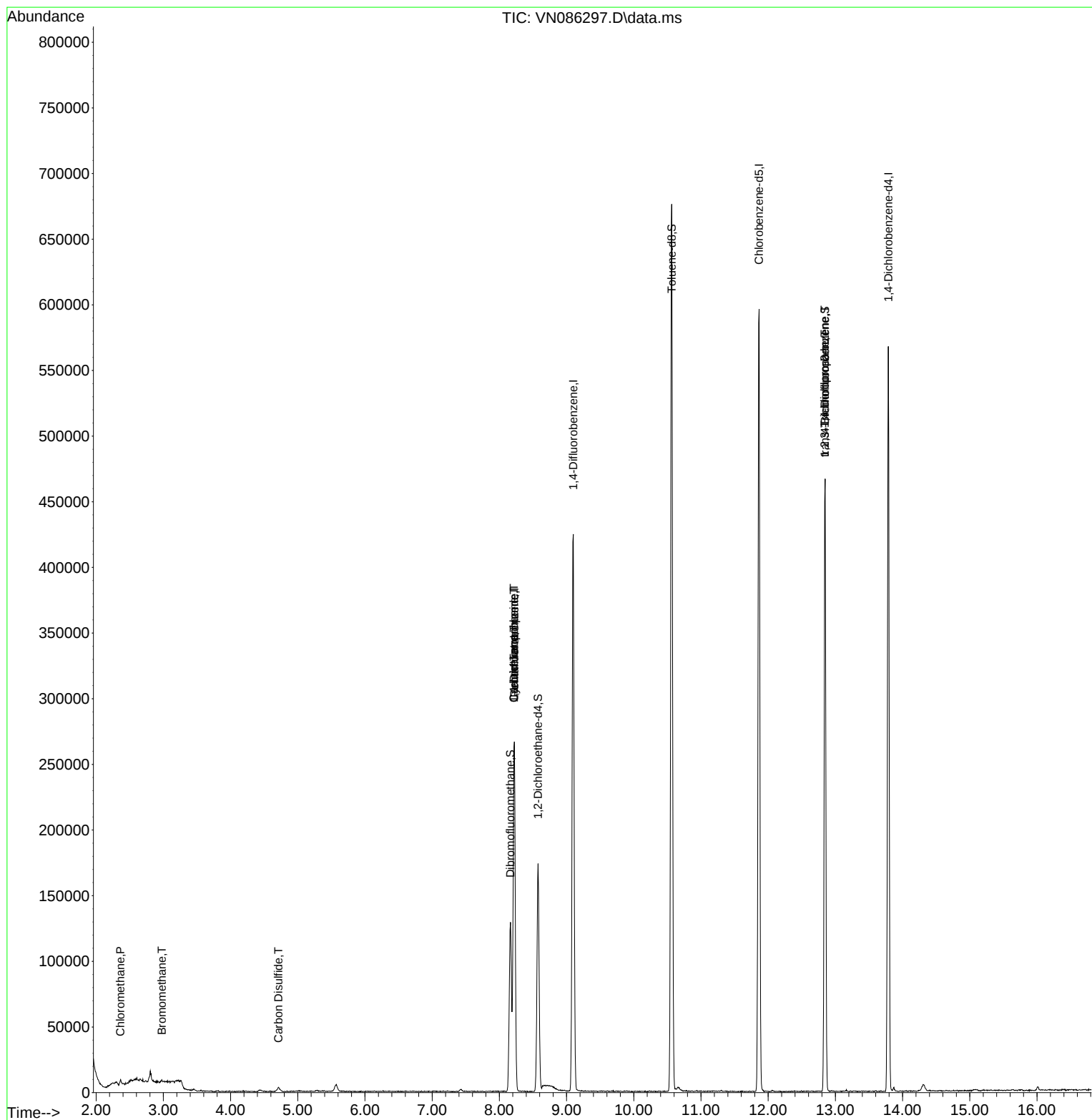
Internal Standards						
1) Pentafluorobenzene	8.224	168	195076	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	372552	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	352194	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	150714	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	140578	49.696	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.400%
35) Dibromofluoromethane	8.165	113	96264	55.674	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	111.340%
50) Toluene-d8	10.565	98	476146	51.526	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.060%
62) 4-Bromofluorobenzene	12.847	95	172482	51.173	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.340%
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	3138	0.934	ug/l	91
5) Bromomethane	2.977	94	683	0.473	ug/l	93
13) Acrolein	4.177	56	54	Below Cal	#	53
16) Acetone	4.430	43	2846	Below Cal		89
17) Carbon Disulfide	4.712	76	1569	0.228	ug/l #	74
31) Cyclohexane	8.218	56	4389	0.957	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	17051	4.937	ug/l #	49
38) Carbon Tetrachloride	8.218	117	20114	6.116	ug/l #	15
43) Isopropyl Acetate	8.683	43	6591	Below Cal	#	55
76) 1,2,3-Trichloropropane	12.841	75	88813	24.971	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.841	75	88813	59.971	ug/l #	10

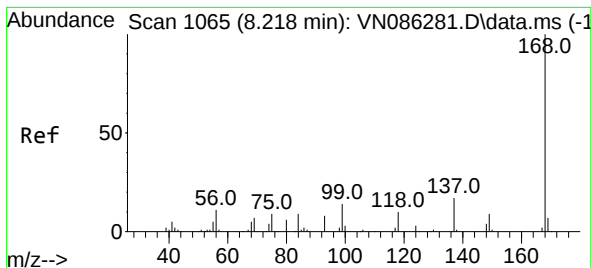
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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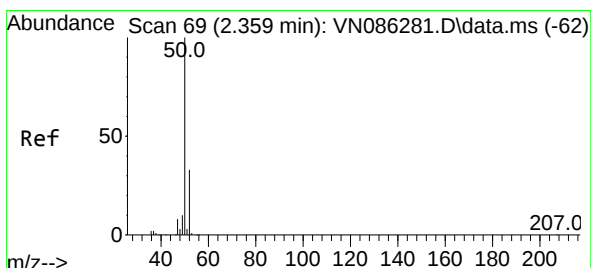
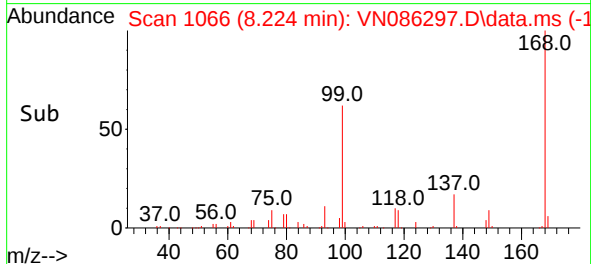
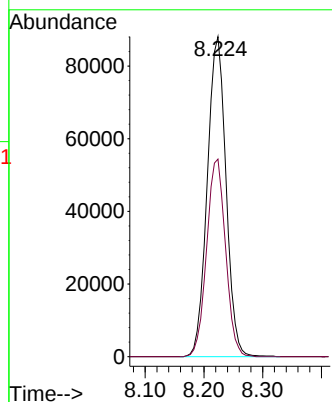
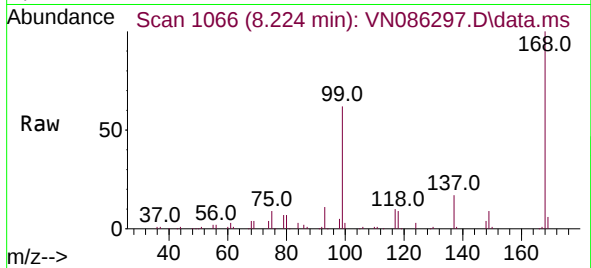




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086297.D
Acq: 16 Apr 2025 15:14

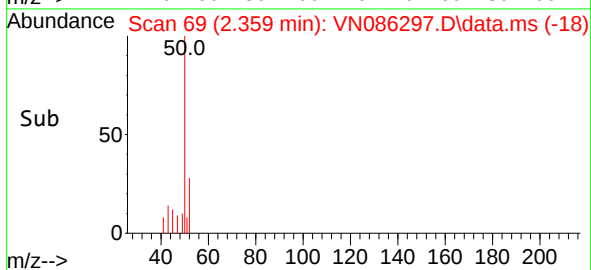
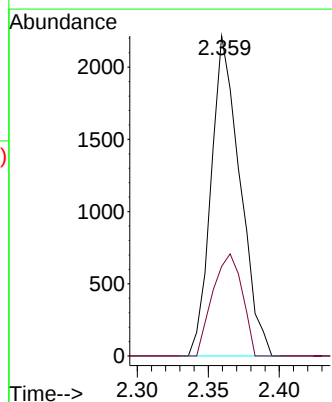
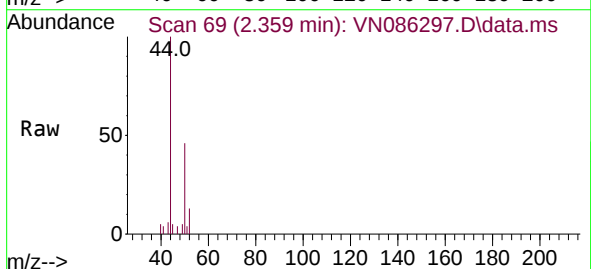
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-4

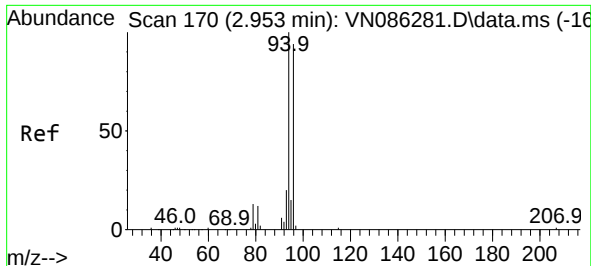
Tgt Ion:168 Resp: 195076
Ion Ratio Lower Upper
168 100
99 61.8 52.5 78.7



#3
Chloromethane
Concen: 0.934 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN086297.D
Acq: 16 Apr 2025 15:14

Tgt Ion: 50 Resp: 3138
Ion Ratio Lower Upper
50 100
52 28.0 26.5 39.7

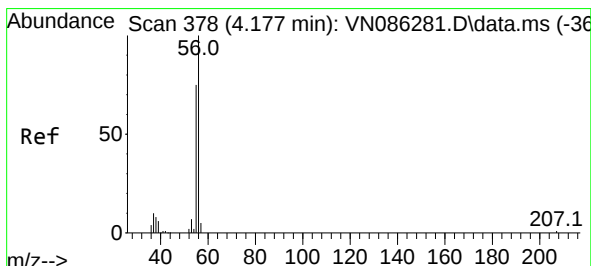
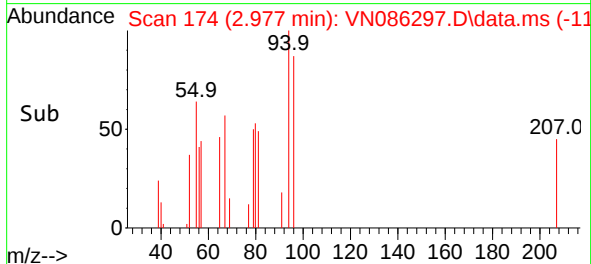
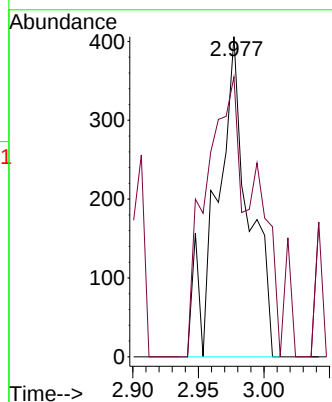
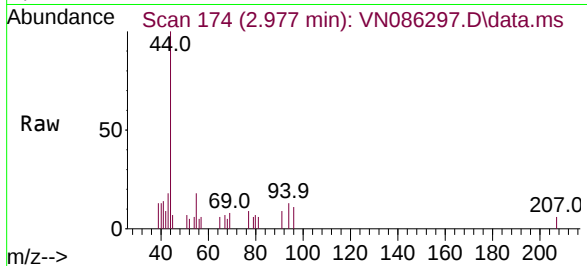




#5
Bromomethane
Concen: 0.473 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN086297.D
Acq: 16 Apr 2025 15:14

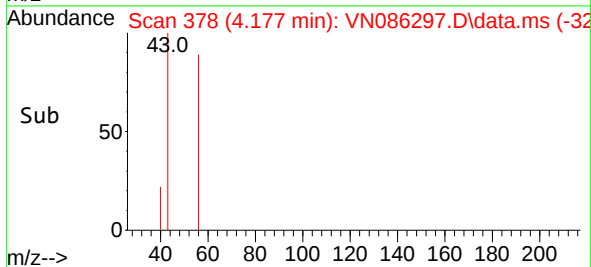
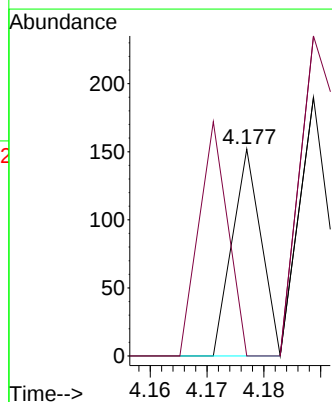
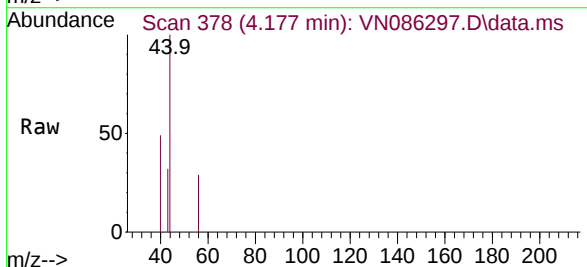
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-4

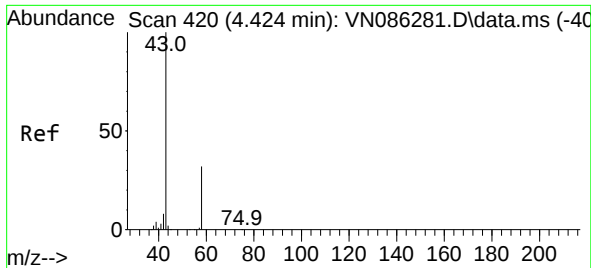
Tgt Ion: 94 Resp: 683
Ion Ratio Lower Upper
94 100
96 87.4 75.2 112.8



#13
Acrolein
Concen: Below Cal
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN086297.D
Acq: 16 Apr 2025 15:14

Tgt Ion: 56 Resp: 54
Ion Ratio Lower Upper
56 100
55 113.0 58.5 87.7#

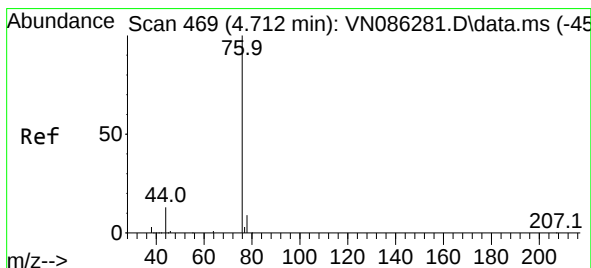
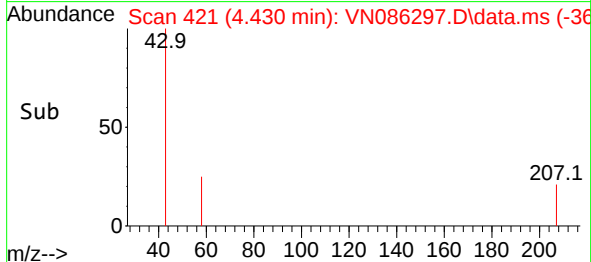
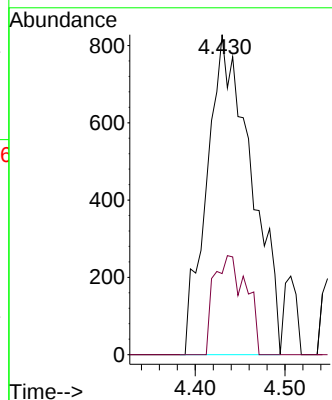
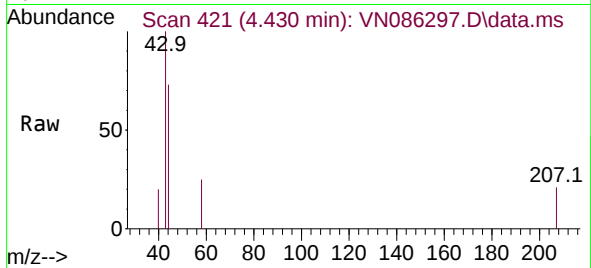




#16
Acetone
Concen: Below Cal
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN086297.D
Acq: 16 Apr 2025 15:14

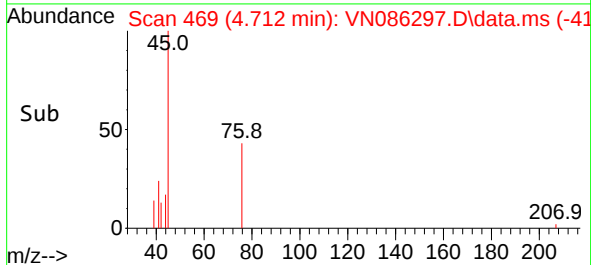
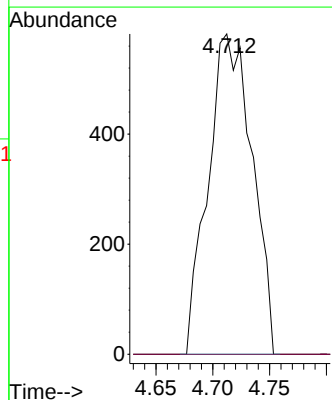
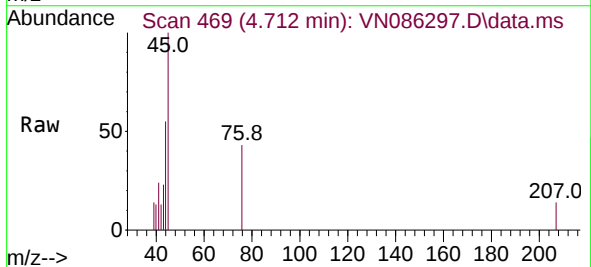
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-4

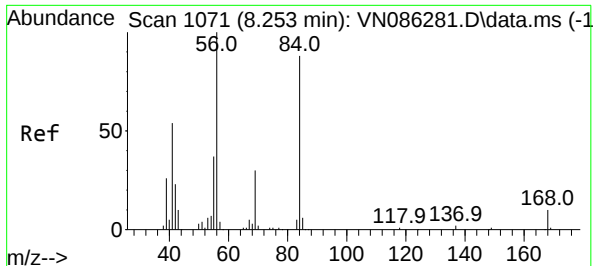
Tgt Ion: 43 Resp: 2846
Ion Ratio Lower Upper
43 100
58 25.4 25.3 37.9



#17
Carbon Disulfide
Concen: 0.228 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN086297.D
Acq: 16 Apr 2025 15:14

Tgt Ion: 76 Resp: 1569
Ion Ratio Lower Upper
76 100
78 0.0 7.6 11.4#

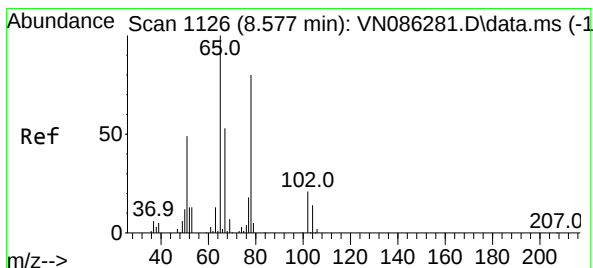
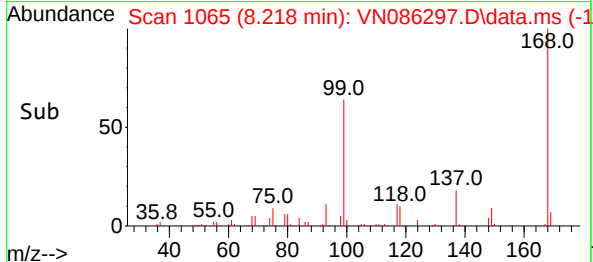
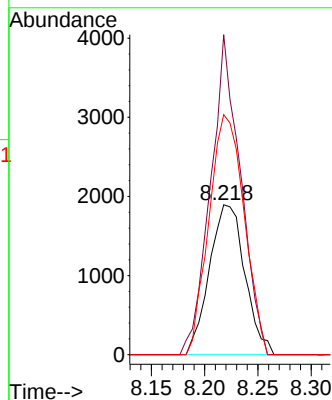
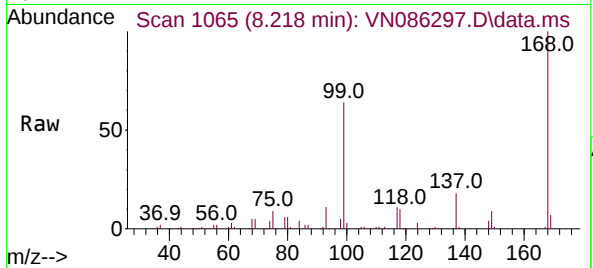




#31
Cyclohexane
Concen: 0.957 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN086297.D
Acq: 16 Apr 2025 15:14

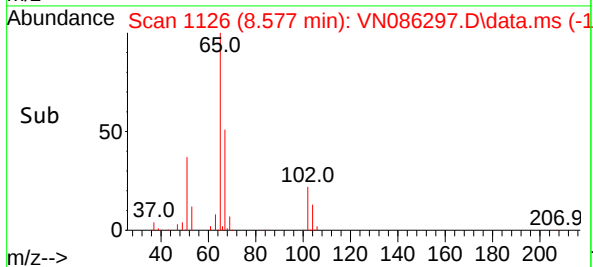
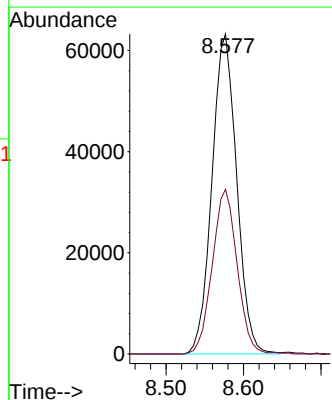
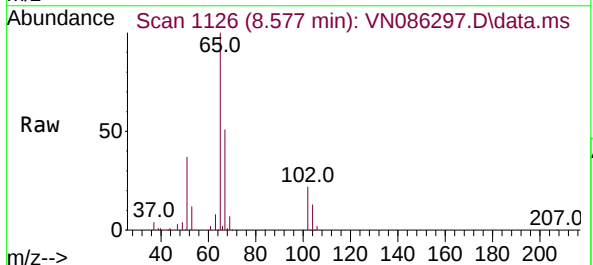
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-4

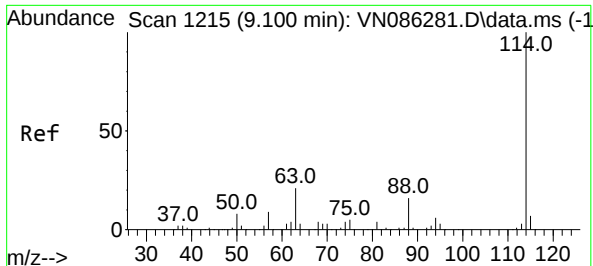
Tgt Ion: 56 Resp: 4389
Ion Ratio Lower Upper
56 100
69 213.4 24.2 36.2#
84 160.1 70.3 105.5#



#33
1,2-Dichloroethane-d4
Concen: 49.696 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN086297.D
Acq: 16 Apr 2025 15:14

Tgt Ion: 65 Resp: 140578
Ion Ratio Lower Upper
65 100
67 51.7 0.0 106.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN086297.D

Acq: 16 Apr 2025 15:14

Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-WATER-REF-4

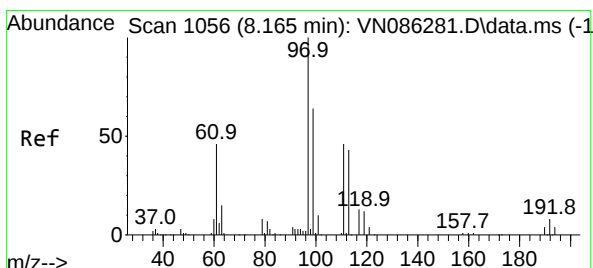
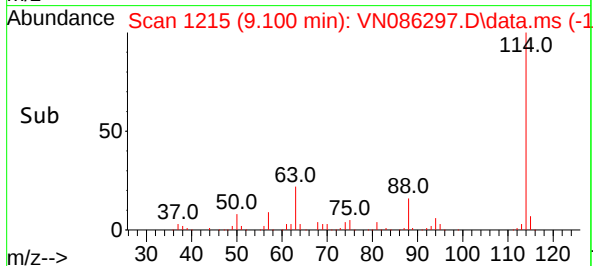
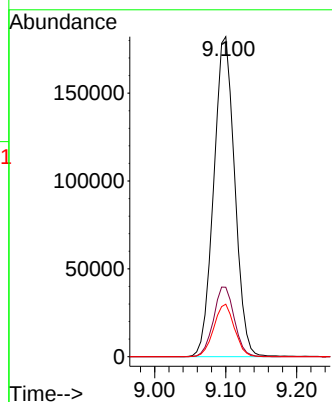
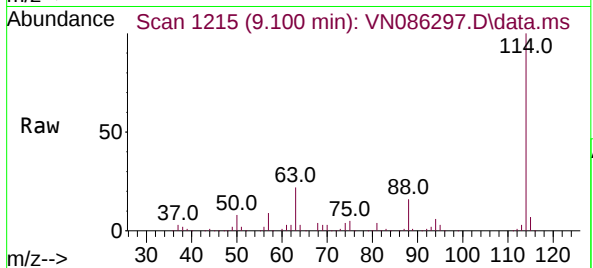
Tgt Ion:114 Resp: 372552

Ion Ratio Lower Upper

114 100

63 21.7 0.0 42.6

88 16.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 55.674 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN086297.D

Acq: 16 Apr 2025 15:14

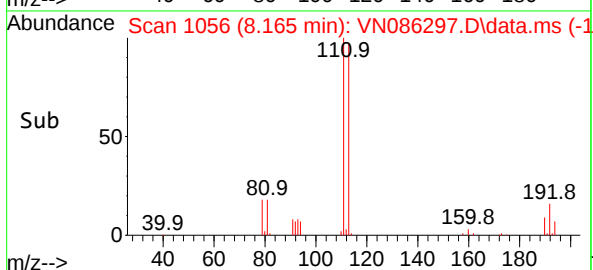
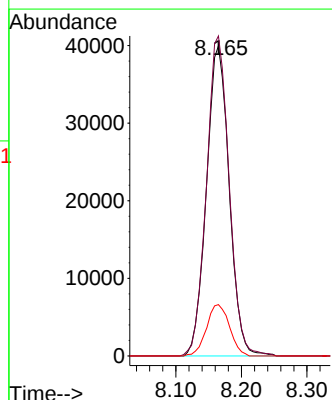
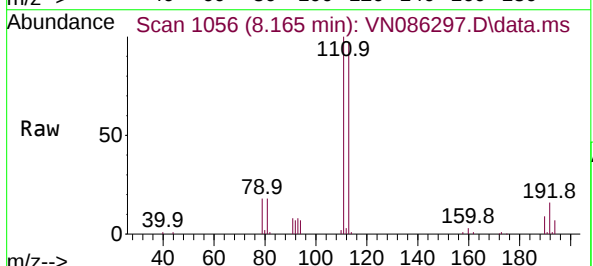
Tgt Ion:113 Resp: 96264

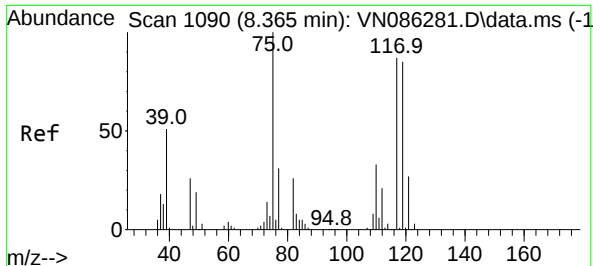
Ion Ratio Lower Upper

113 100

111 103.1 83.4 125.0

192 16.7 13.7 20.5





#36

1,1-Dichloropropene

Concen: 4.937 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.147 min

Lab File: VN086297.D

Acq: 16 Apr 2025 15:14

Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-WATER-REF-4

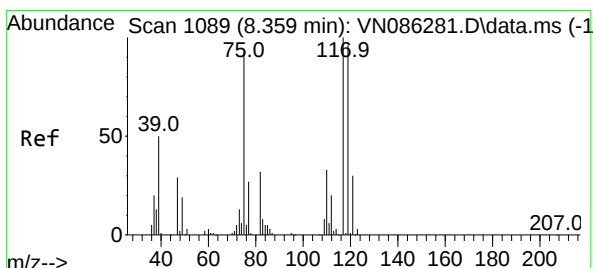
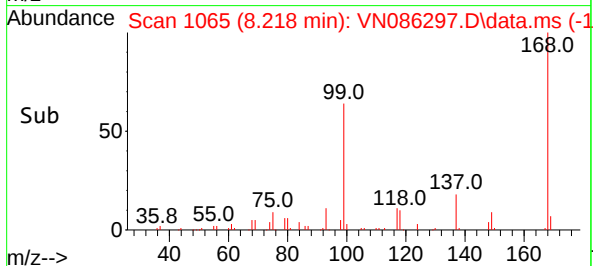
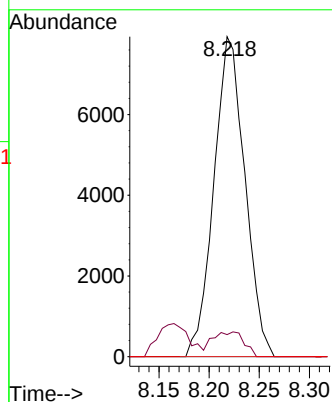
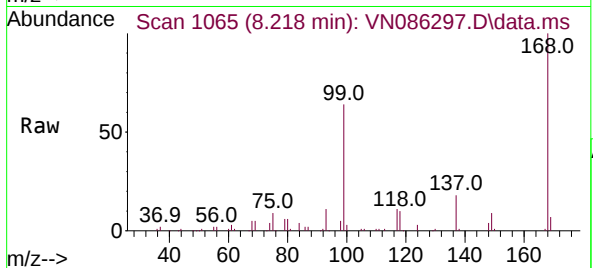
Tgt Ion: 75 Resp: 17051

Ion Ratio Lower Upper

75 100

110 7.8 16.8 50.4#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 6.116 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.141 min

Lab File: VN086297.D

Acq: 16 Apr 2025 15:14

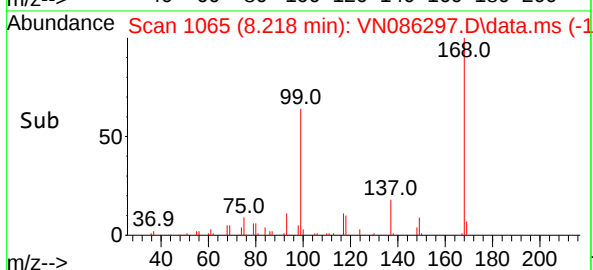
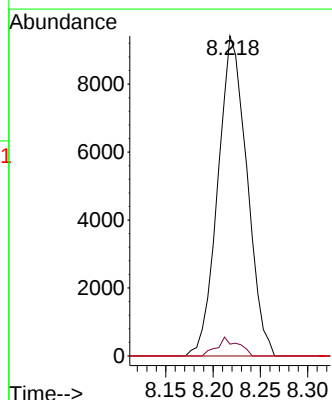
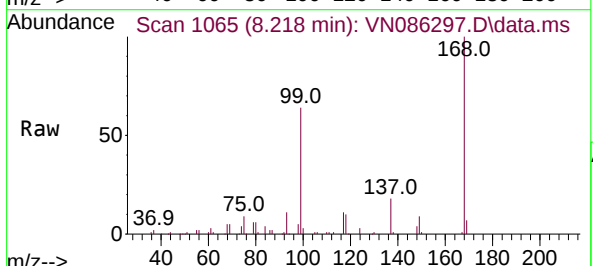
Tgt Ion: 117 Resp: 20114

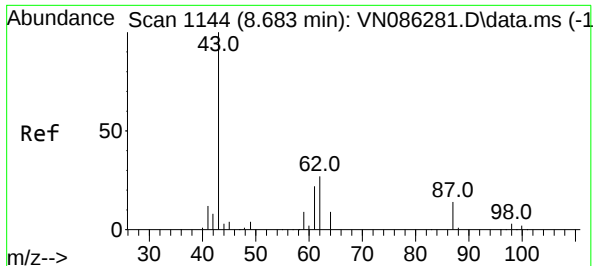
Ion Ratio Lower Upper

117 100

119 3.7 76.8 115.2#

121 0.0 23.8 35.8#

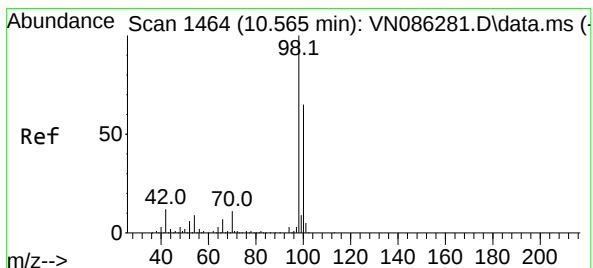
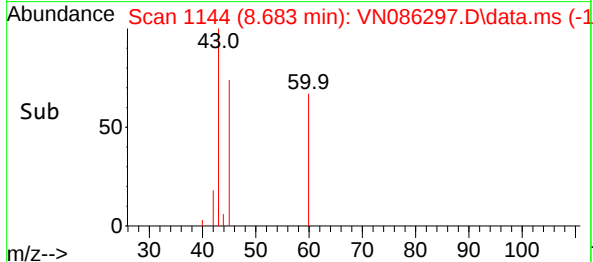
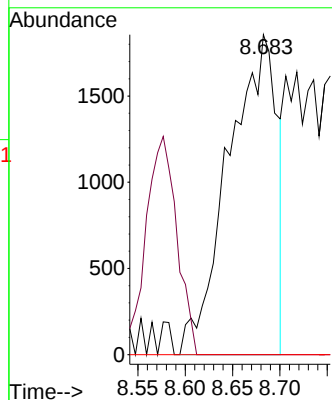
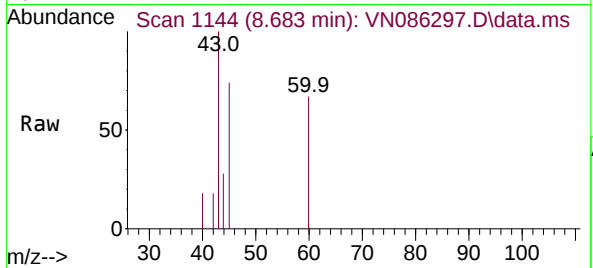




#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086297.D
Acq: 16 Apr 2025 15:14

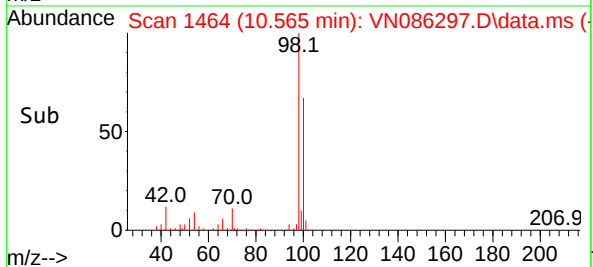
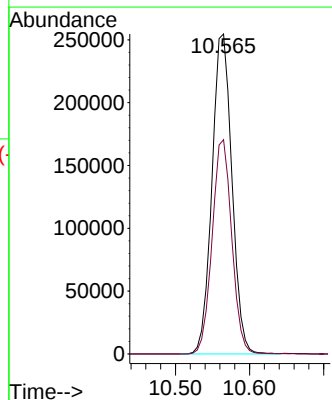
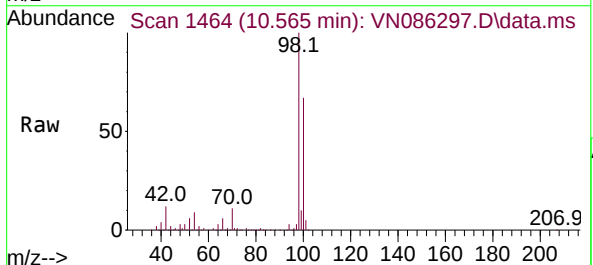
Instrument : MSVOA_N
ClientSampleId : Storage-Blank-WATER-REF-4

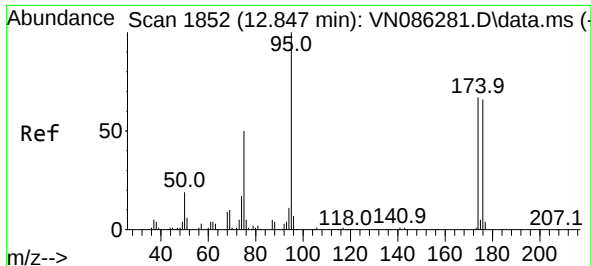
Tgt Ion: 43 Resp: 6591
Ion Ratio Lower Upper
43 100
61 0.0 20.5 30.7#
87 0.0 10.5 15.7#



#50
Toluene-d8
Concen: 51.526 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086297.D
Acq: 16 Apr 2025 15:14

Tgt Ion: 98 Resp: 476146
Ion Ratio Lower Upper
98 100
100 65.8 52.5 78.7

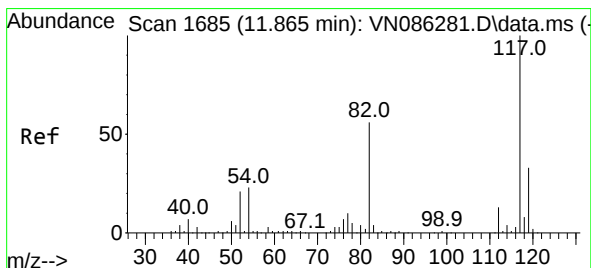
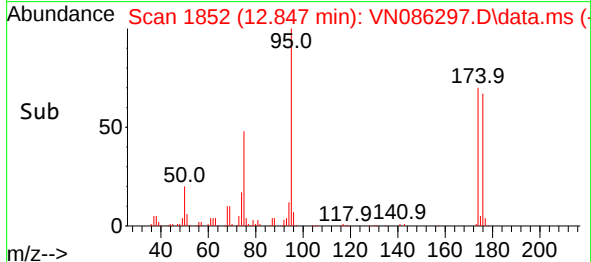
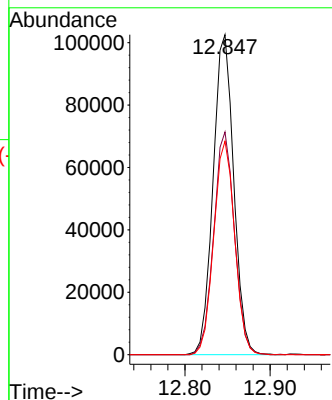
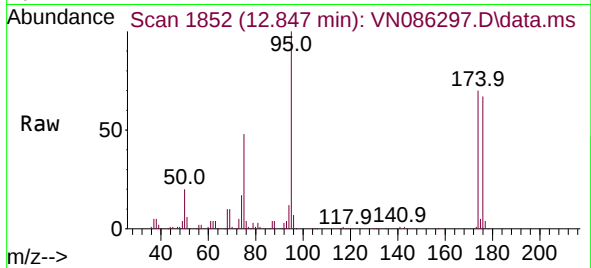




#62
4-Bromofluorobenzene
Concen: 51.173 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086297.D
Acq: 16 Apr 2025 15:14

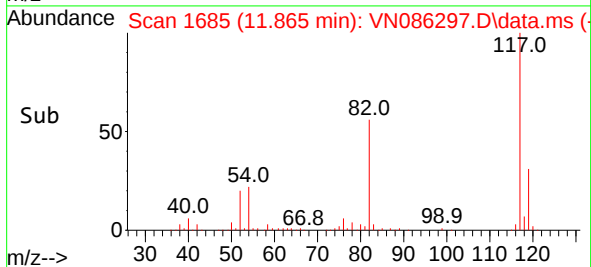
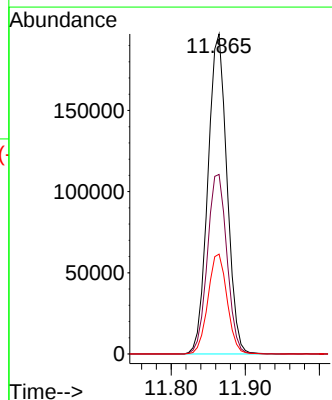
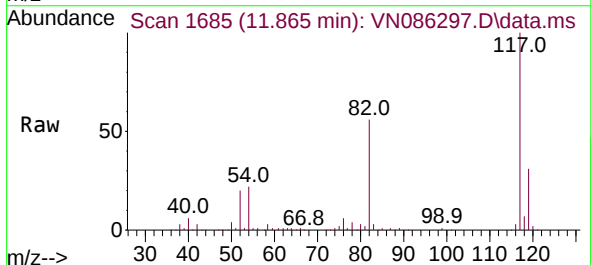
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-4

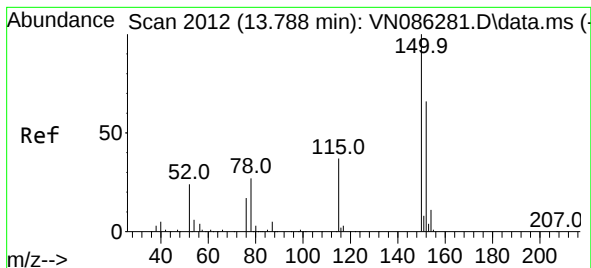
Tgt Ion: 95 Resp: 172482
Ion Ratio Lower Upper
95 100
174 70.0 0.0 133.4
176 67.5 0.0 129.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086297.D
Acq: 16 Apr 2025 15:14

Tgt Ion: 117 Resp: 352194
Ion Ratio Lower Upper
117 100
82 56.1 44.7 67.1
119 31.2 26.4 39.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN086297.D

Acq: 16 Apr 2025 15:14

Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-WATER-REF-4

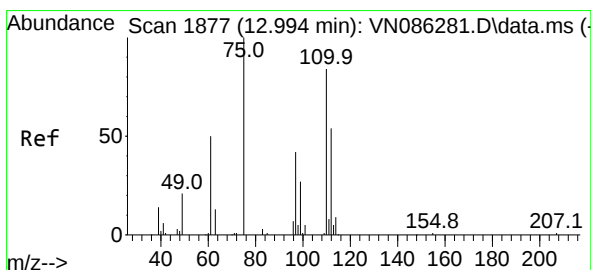
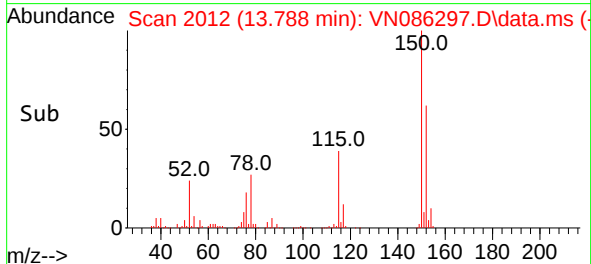
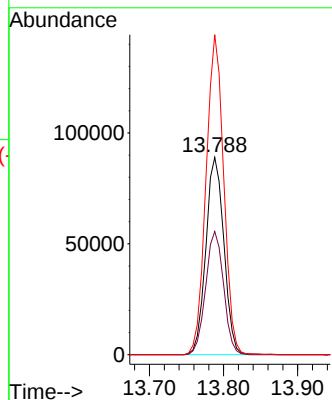
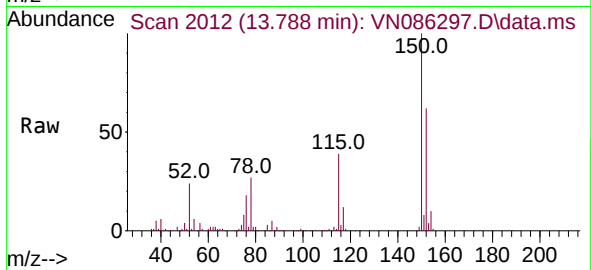
Tgt Ion:152 Resp: 150714

Ion Ratio Lower Upper

152 100

115 61.9 31.9 95.9

150 158.5 0.0 352.0



#76

1,2,3-Trichloropropane

Concen: 24.971 ug/l

RT: 12.841 min Scan# 1851

Delta R.T. -0.153 min

Lab File: VN086297.D

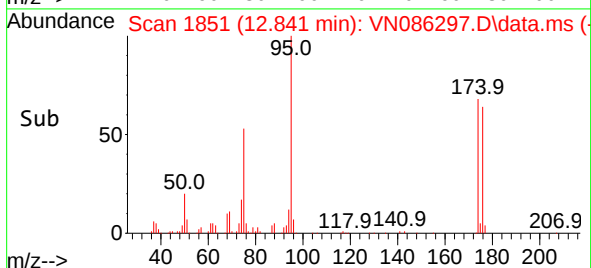
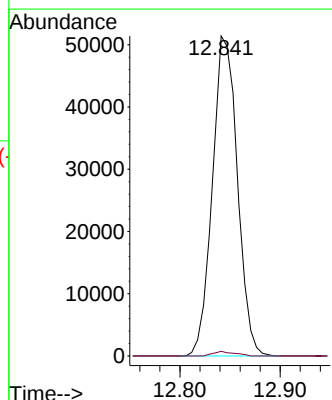
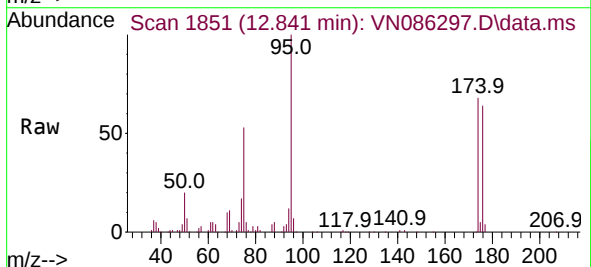
Acq: 16 Apr 2025 15:14

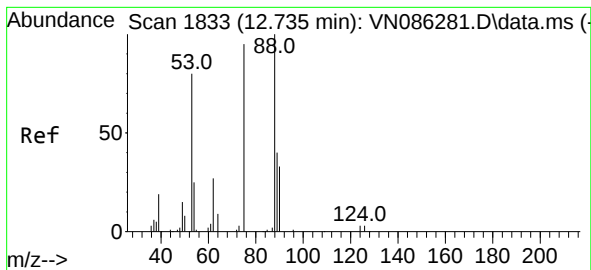
Tgt Ion: 75 Resp: 88813

Ion Ratio Lower Upper

75 100

77 1.2 98.8 296.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 59.971 ug/l
 RT: 12.841 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VN086297.D
 Acq: 16 Apr 2025 15:14

Instrument :
 MSVOA_N
 ClientSampleId :
 Storage-Blank-WATER-REF-4

Tgt Ion: 75 Resp: 88813
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.2 118.8#
 89 0.0 35.7 53.5#

