

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061724\
 Data File : VN082611.D
 Acq On : 17 Jun 2024 16:09
 Operator : JC\MD
 Sample : P2894-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 Storage-Blank-WATER-REF-5

Quant Time: Jun 18 18:38:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:52:44 2024
 Response via : Initial Calibration

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

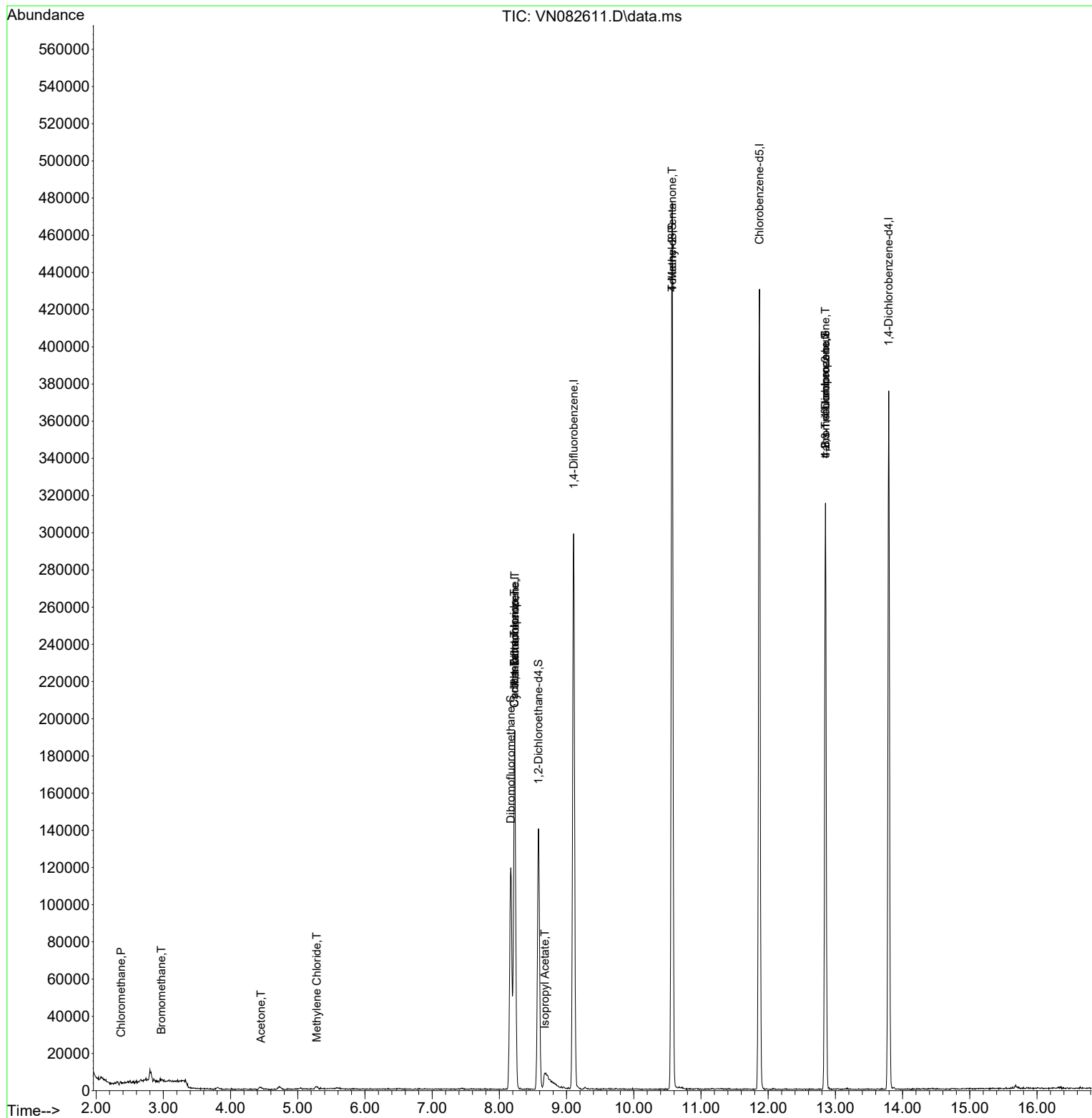
Internal Standards						
1) Pentafluorobenzene	8.230	168	131640	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	238238	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	227678	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	94019	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	113141	53.595	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.200%	
35) Dibromofluoromethane	8.171	113	84833	52.490	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.980%	
50) Toluene-d8	10.571	98	304655	49.847	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.700%	
62) 4-Bromofluorobenzene	12.853	95	98661	46.822	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 93.640%	
Target Compounds						
						Qvalue
3) Chloromethane	2.371	50	883	0.401	ug/l	89
5) Bromomethane	2.971	94	735	0.544	ug/l	94
16) Acetone	4.453	43	2477	2.580	ug/l	91
20) Methylene Chloride	5.283	84	1144	0.678	ug/l #	37
31) Cyclohexane	8.224	56	3888	1.276	ug/l #	31
36) 1,1-Dichloropropene	8.230	75	11760	4.868	ug/l #	51
38) Carbon Tetrachloride	8.224	117	14146	5.195	ug/l #	18
43) Isopropyl Acetate	8.677	43	5668	0.985	ug/l #	60
51) 4-Methyl-2-Pentanone	10.571	43	1781	0.604	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	57256	24.899	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	57256	59.568	ug/l #	6

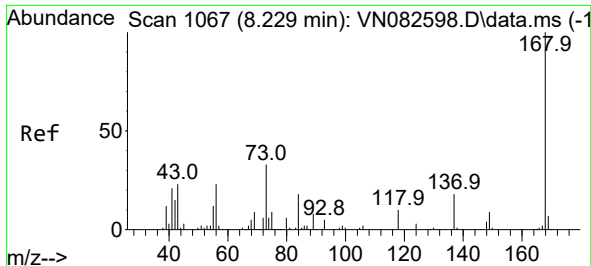
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061724\
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ClientSampleId :
Storage-Blank-WATER-REF-5

Quant Time: Jun 18 18:38:54 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 18 04:52:44 2024
Response via : Initial Calibration

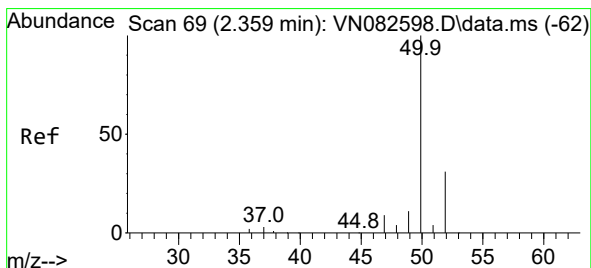
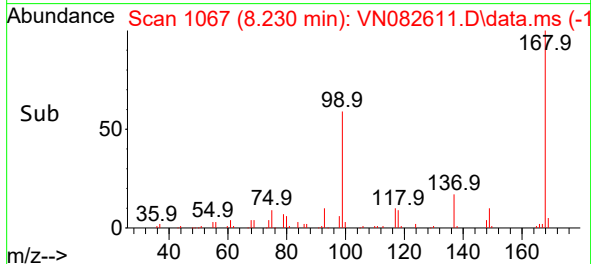
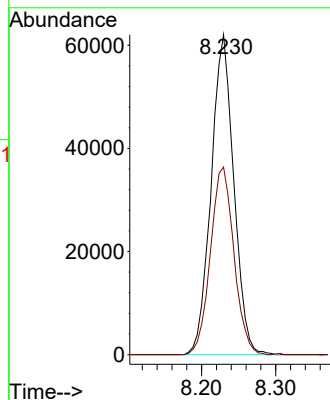
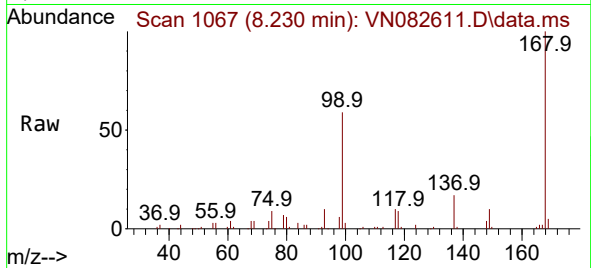




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082611.D
Acq: 17 Jun 2024 16:09

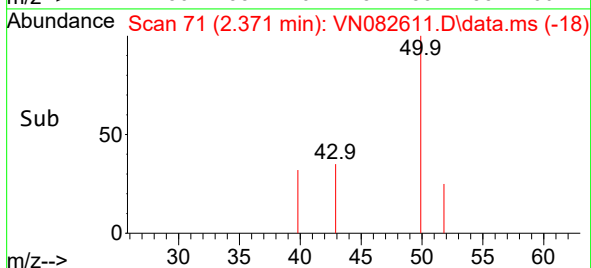
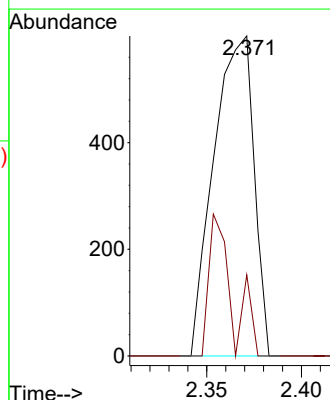
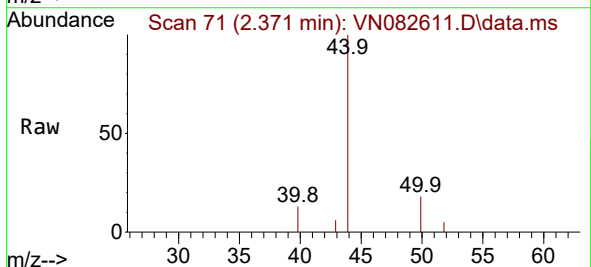
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-5

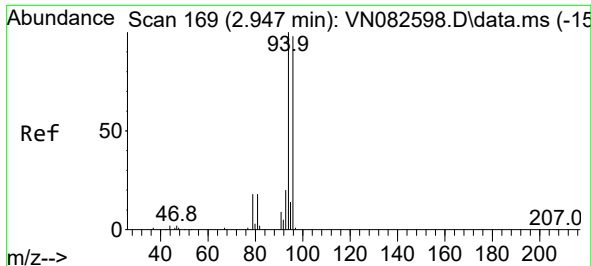
Tgt Ion:168 Resp: 131640
Ion Ratio Lower Upper
168 100
99 58.7 48.2 72.4



#3
Chloromethane
Concen: 0.401 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.012 min
Lab File: VN082611.D
Acq: 17 Jun 2024 16:09

Tgt Ion: 50 Resp: 883
Ion Ratio Lower Upper
50 100
52 25.3 25.0 37.4

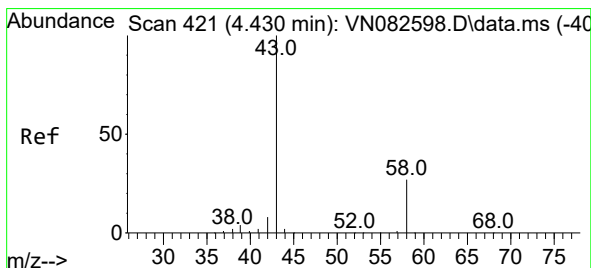
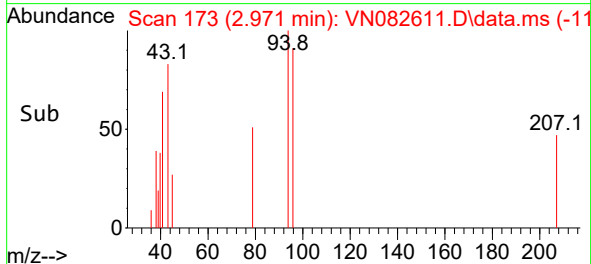
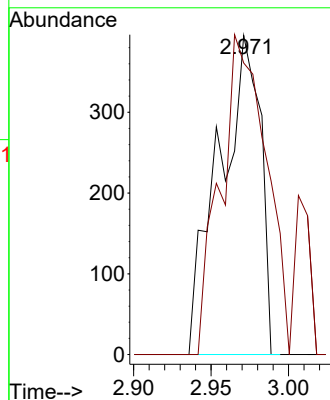
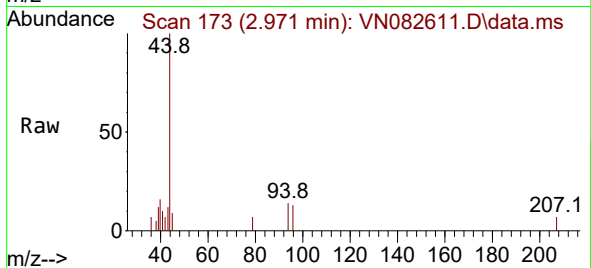




#5
Bromomethane
Concen: 0.544 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN082611.D
Acq: 17 Jun 2024 16:09

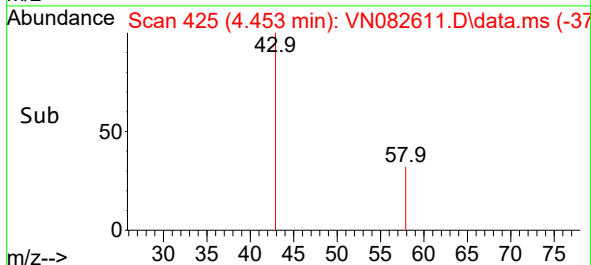
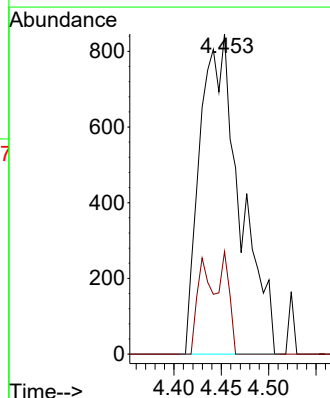
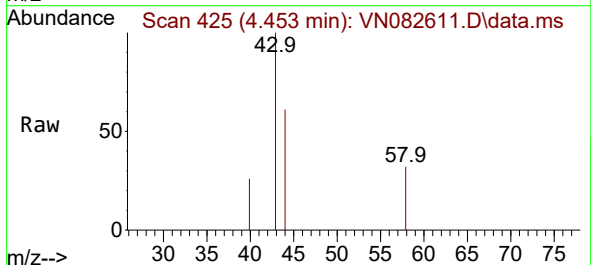
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-5

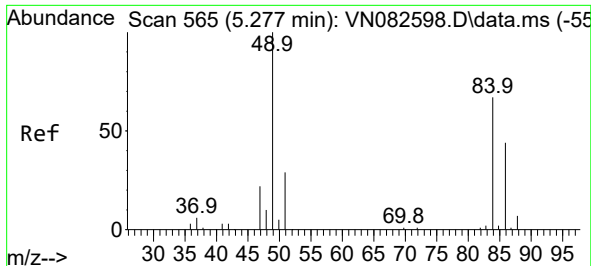
Tgt Ion: 94 Resp: 735
Ion Ratio Lower Upper
94 100
96 91.4 78.0 117.0



#16
Acetone
Concen: 2.580 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.024 min
Lab File: VN082611.D
Acq: 17 Jun 2024 16:09

Tgt Ion: 43 Resp: 2477
Ion Ratio Lower Upper
43 100
58 32.0 21.8 32.6

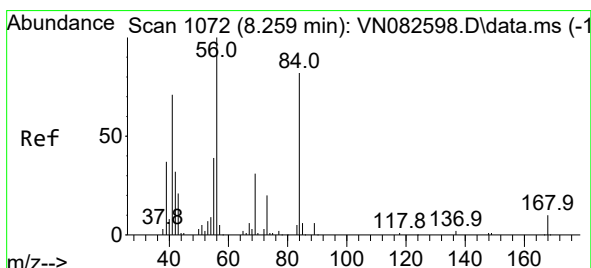
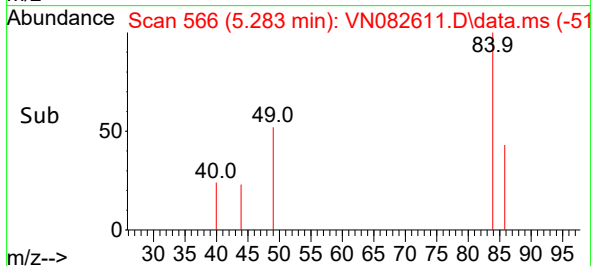
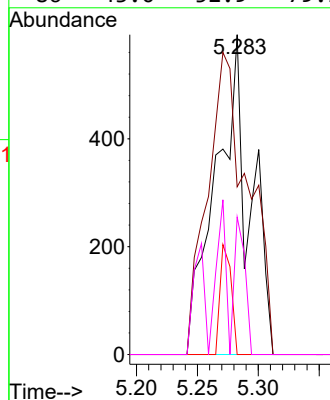
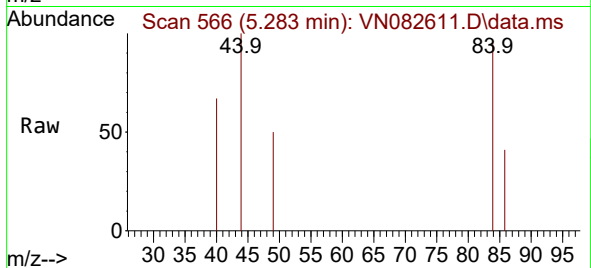




#20
Methylene Chloride
Concen: 0.678 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN082611.D
Acq: 17 Jun 2024 16:09

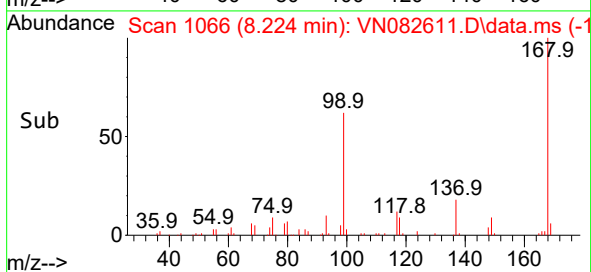
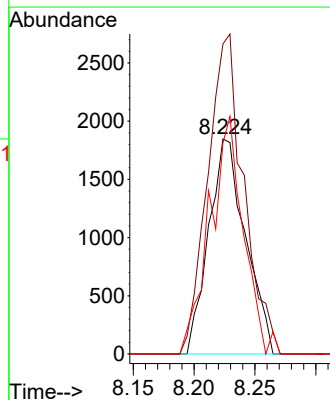
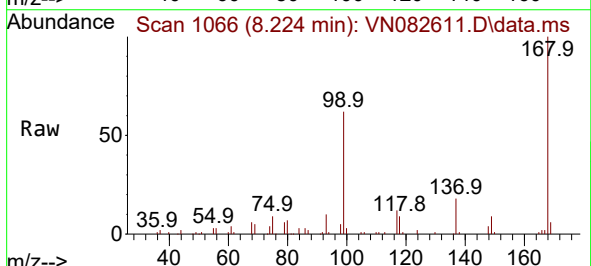
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-5

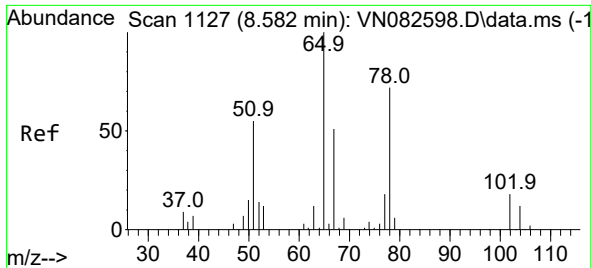
Tgt Ion:	84	Resp:	1144
Ion	Ratio	Lower	Upper
84	100		
49	52.4	119.6	179.4#
51	0.0	34.8	52.2#
86	43.0	52.9	79.3#



#31
Cyclohexane
Concen: 1.276 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082611.D
Acq: 17 Jun 2024 16:09

Tgt Ion:	56	Resp:	3888
Ion	Ratio	Lower	Upper
56	100		
69	144.1	24.5	36.7#
84	97.9	66.0	99.0

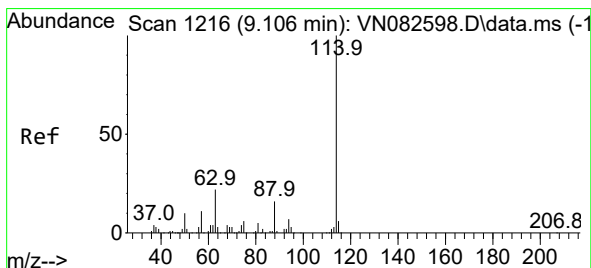
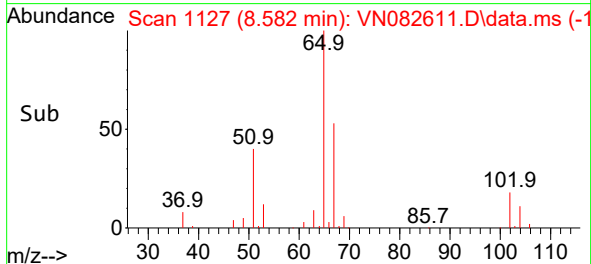
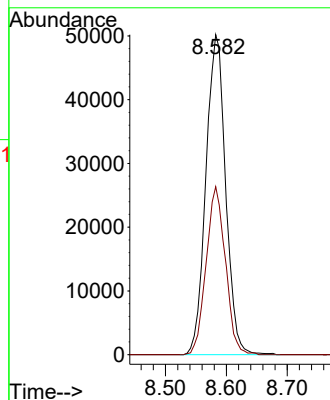
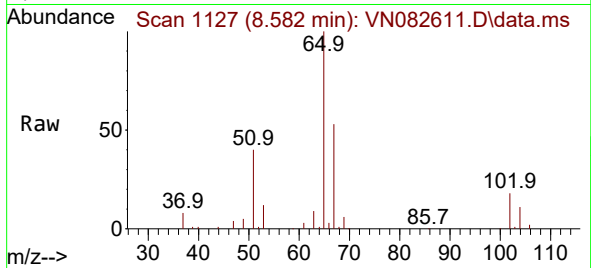




#33
 1,2-Dichloroethane-d4
 Concen: 53.595 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VN082611.D
 Acq: 17 Jun 2024 16:09

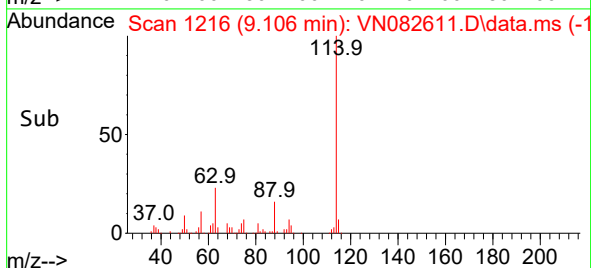
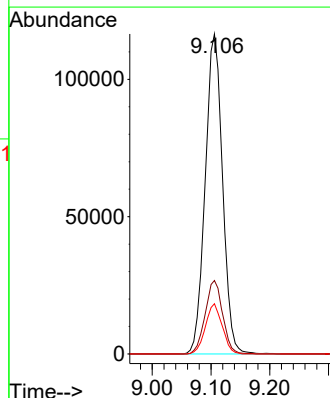
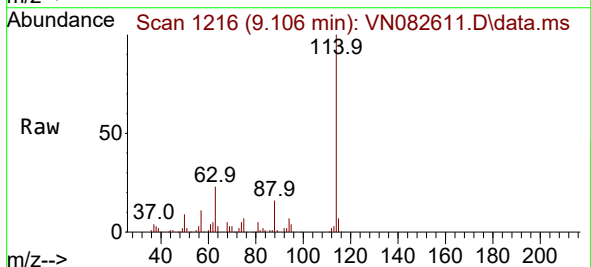
Instrument :
 MSVOA_N
 ClientSampleId :
 Storage-Blank-WATER-REF-5

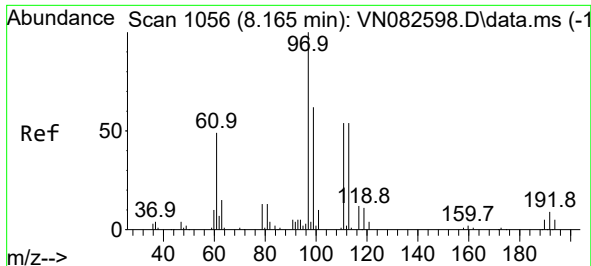
Tgt Ion: 65 Resp: 113141
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. 0.000 min
 Lab File: VN082611.D
 Acq: 17 Jun 2024 16:09

Tgt Ion: 114 Resp: 238238
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 44.6
 88 15.7 0.0 31.4





#35

Dibromofluoromethane

Concen: 52.490 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082611.D

Acq: 17 Jun 2024 16:09

Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-WATER-REF-5

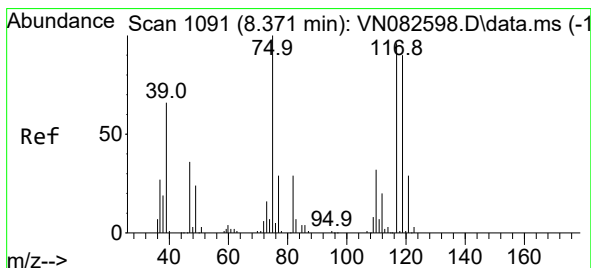
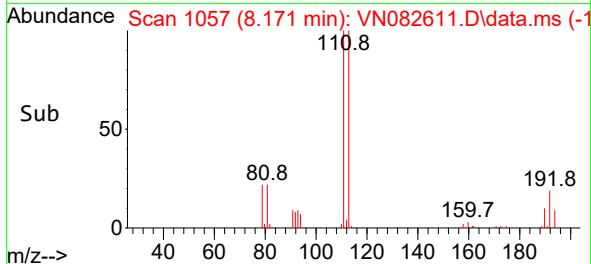
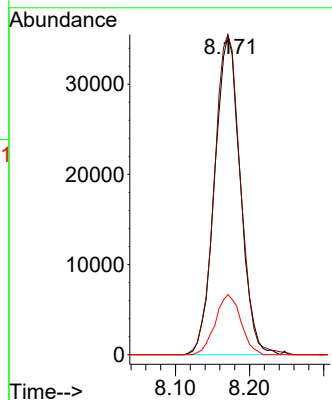
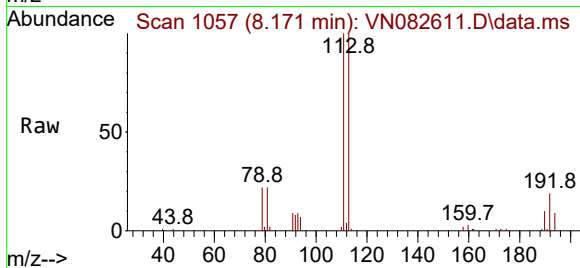
Tgt Ion:113 Resp: 84833

Ion Ratio Lower Upper

113 100

111 102.3 82.4 123.6

192 18.7 14.9 22.3



#36

1,1-Dichloropropene

Concen: 4.868 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

Lab File: VN082611.D

Acq: 17 Jun 2024 16:09

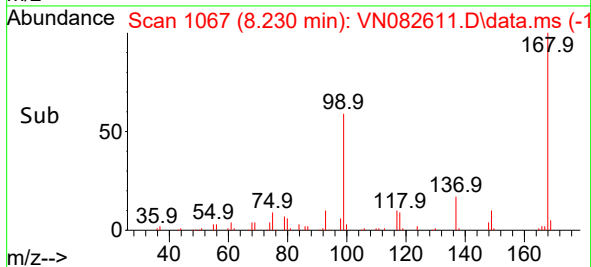
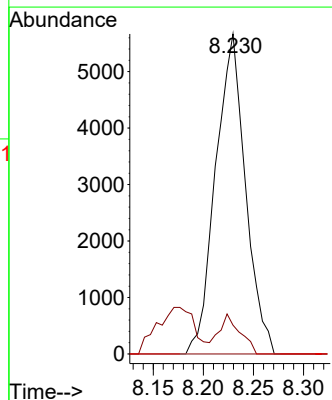
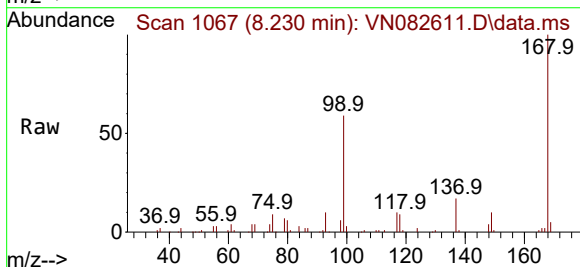
Tgt Ion: 75 Resp: 11760

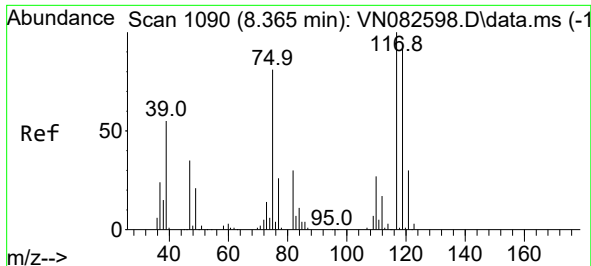
Ion Ratio Lower Upper

75 100

110 8.7 16.3 48.9#

77 0.0 24.6 37.0#

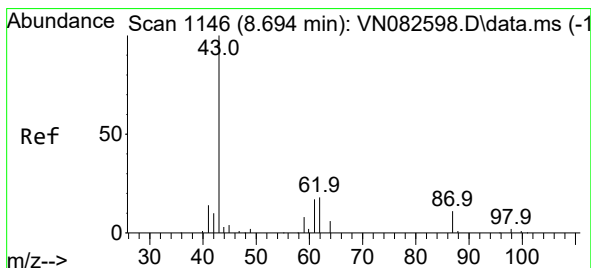
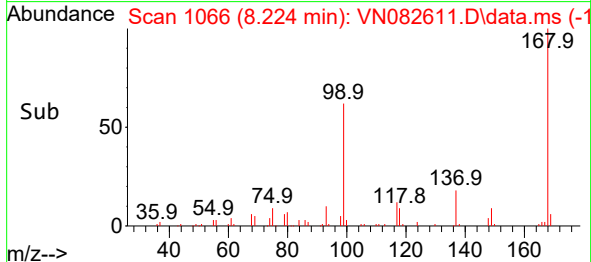
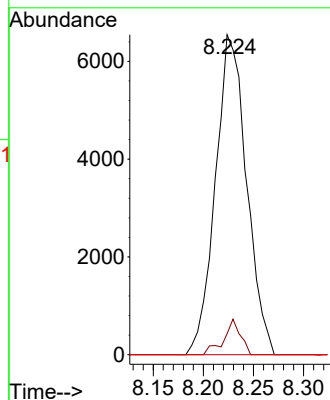
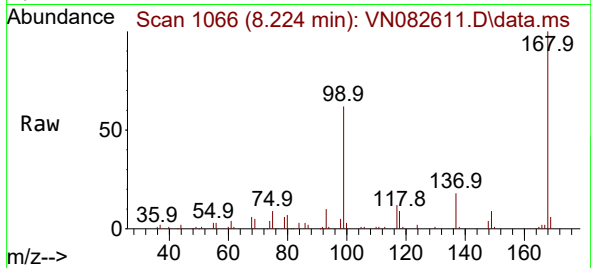




#38
Carbon Tetrachloride
Concen: 5.195 ug/l
RT: 8.224 min Scan# 1106
Delta R.T. -0.141 min
Lab File: VN082611.D
Acq: 17 Jun 2024 16:09

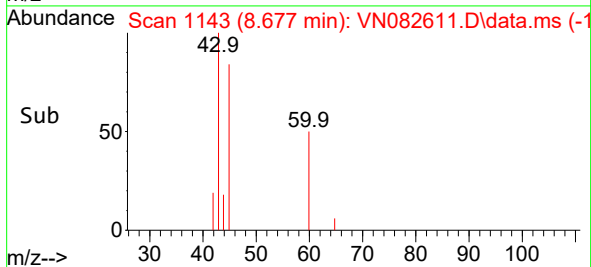
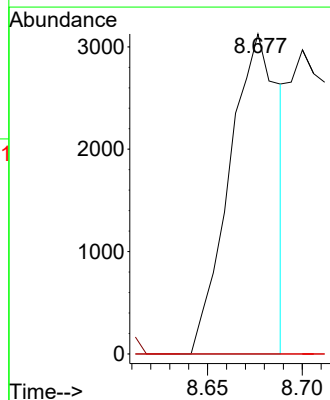
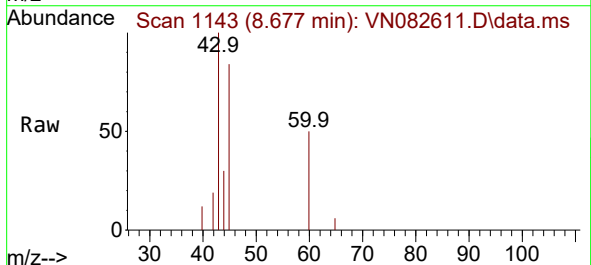
Instrument : MSVOA_N
ClientSampleId : Storage-Blank-WATER-REF-5

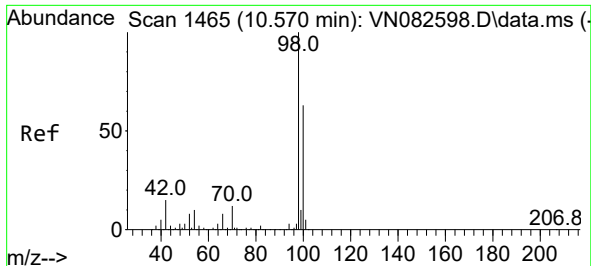
Tgt Ion:117 Resp: 14146
Ion Ratio Lower Upper
117 100
119 6.6 74.9 112.3#
121 0.0 24.3 36.5#



#43
Isopropyl Acetate
Concen: 0.985 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.017 min
Lab File: VN082611.D
Acq: 17 Jun 2024 16:09

Tgt Ion: 43 Resp: 5668
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#

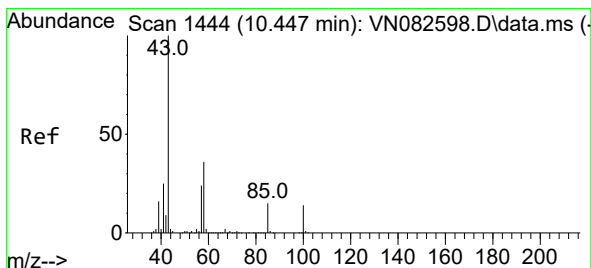
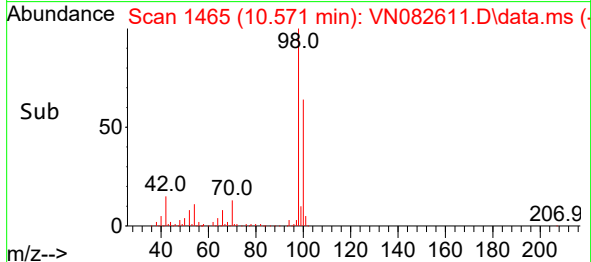
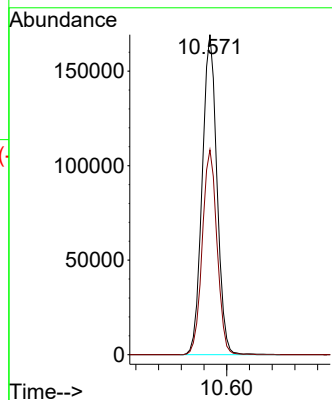
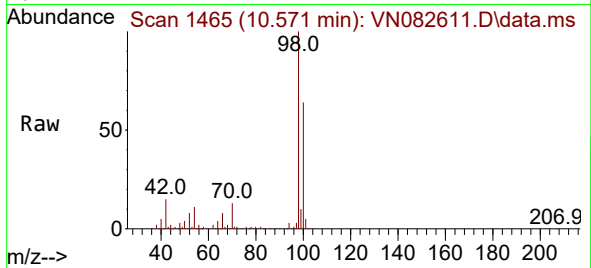




#50
Toluene-d8
Concen: 49.847 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082611.D
Acq: 17 Jun 2024 16:09

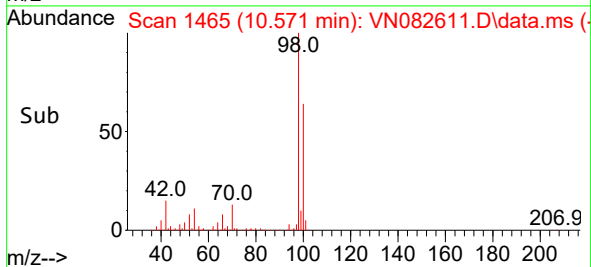
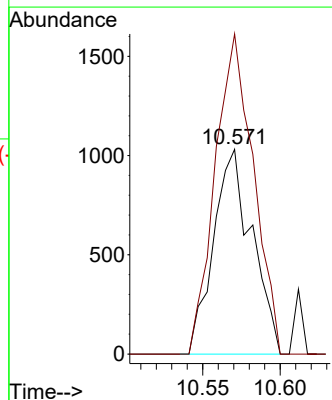
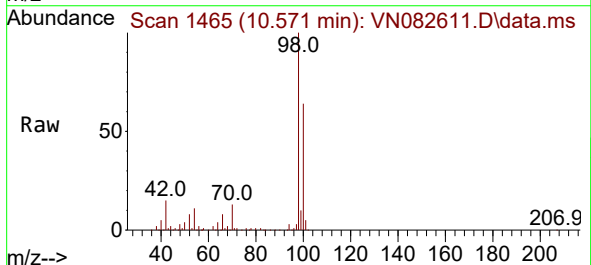
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-5

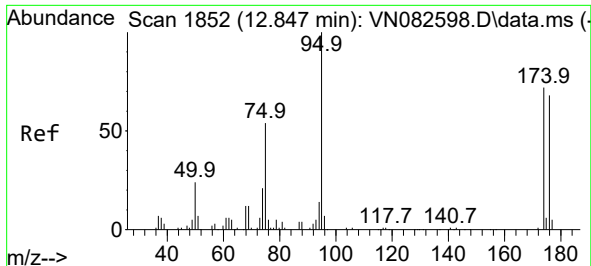
Tgt Ion: 98 Resp: 304655
Ion Ratio Lower Upper
98 100
100 63.9 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.604 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.124 min
Lab File: VN082611.D
Acq: 17 Jun 2024 16:09

Tgt Ion: 43 Resp: 1781
Ion Ratio Lower Upper
43 100
58 155.9 28.2 42.4#

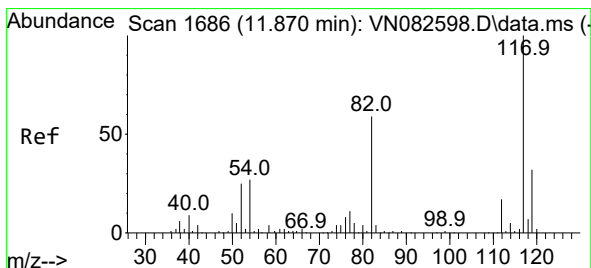
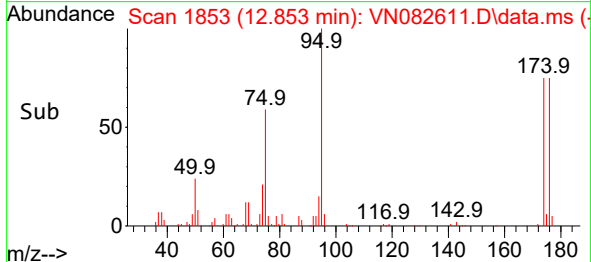
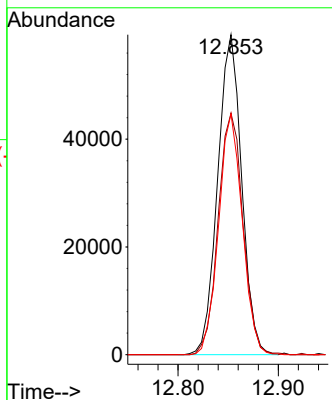
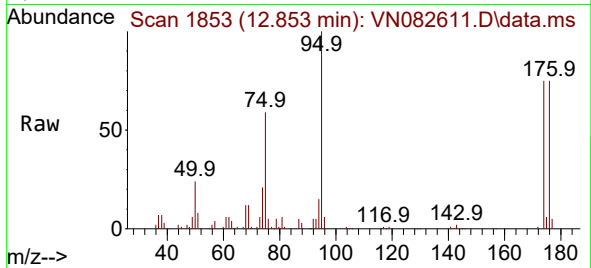




#62
4-Bromofluorobenzene
Concen: 46.822 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082611.D
Acq: 17 Jun 2024 16:09

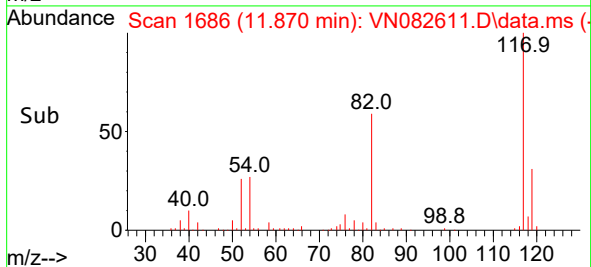
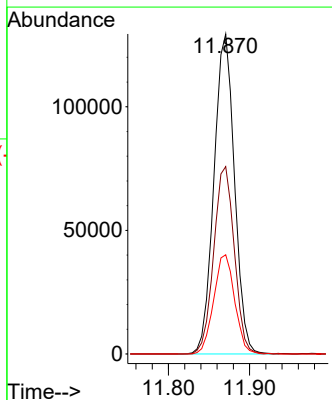
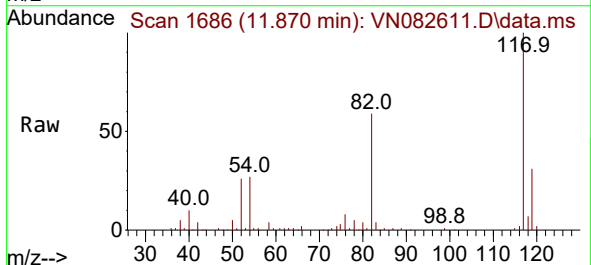
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-5

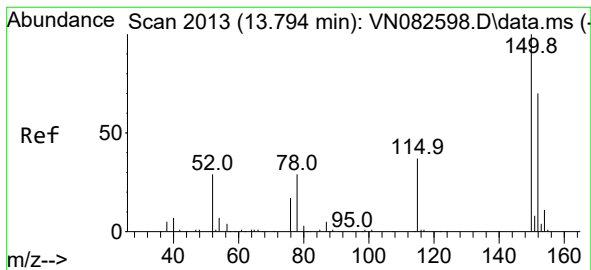
Tgt Ion: 95 Resp: 98661
Ion Ratio Lower Upper
95 100
174 78.2 0.0 159.2
176 74.4 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN082611.D
Acq: 17 Jun 2024 16:09

Tgt Ion: 117 Resp: 227678
Ion Ratio Lower Upper
117 100
82 58.5 47.5 71.3
119 31.0 25.6 38.4

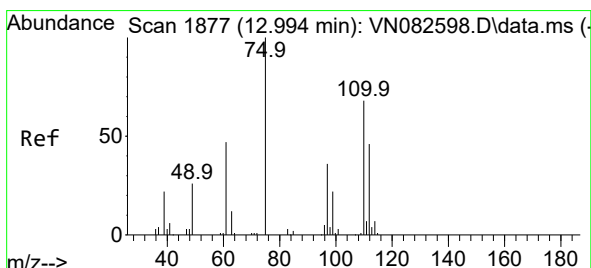
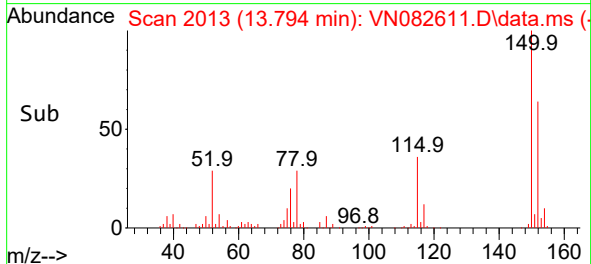
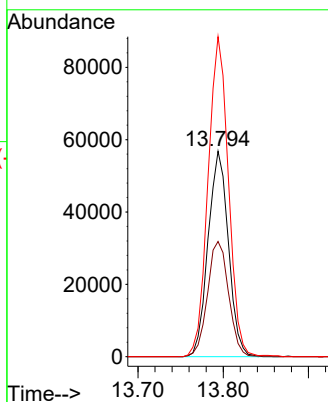
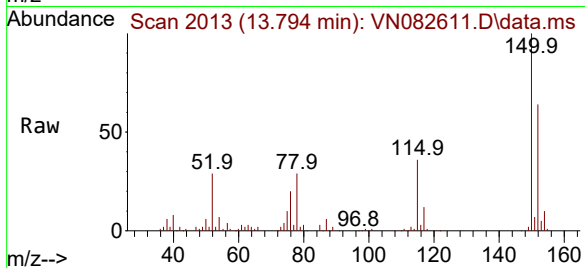




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082611.D
Acq: 17 Jun 2024 16:09

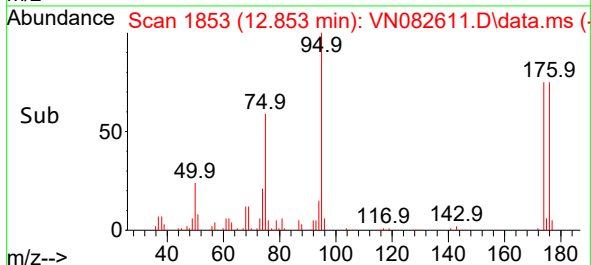
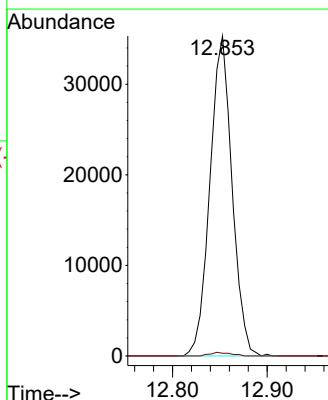
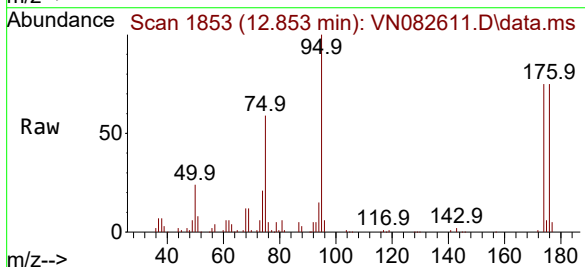
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-5

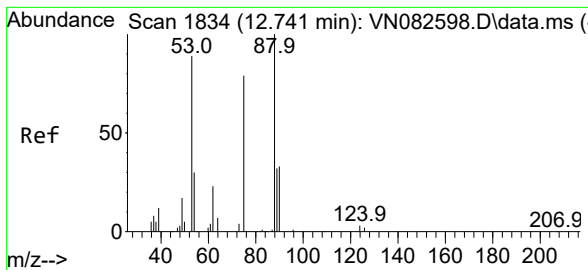
Tgt Ion:152 Resp: 94019
Ion Ratio Lower Upper
152 100
115 58.3 30.6 91.6
150 156.3 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 24.899 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082611.D
Acq: 17 Jun 2024 16:09

Tgt Ion: 75 Resp: 57256
Ion Ratio Lower Upper
75 100
77 1.1 110.9 332.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 59.568 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN082611.D
 Acq: 17 Jun 2024 16:09

Instrument :
 MSVOA_N
 ClientSampleId :
 Storage-Blank-WATER-REF-5

Tgt Ion: 75 Resp: 57256
 Ion Ratio Lower Upper
 75 100
 53 0.0 88.4 132.6#
 89 0.0 36.3 54.5#

