

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032524\
 Data File : VN081569.D
 Acq On : 25 Mar 2024 18:28
 Operator : JC\MD
 Sample : P1840-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Mar 26 01:22:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	397737	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	711187	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	636154	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	248011	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	262915	51.834	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.660%
35) Dibromofluoromethane	8.165	113	226822	50.536	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.080%
50) Toluene-d8	10.565	98	838700	51.693	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.380%
62) 4-Bromofluorobenzene	12.853	95	263803	46.144	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	92.280%

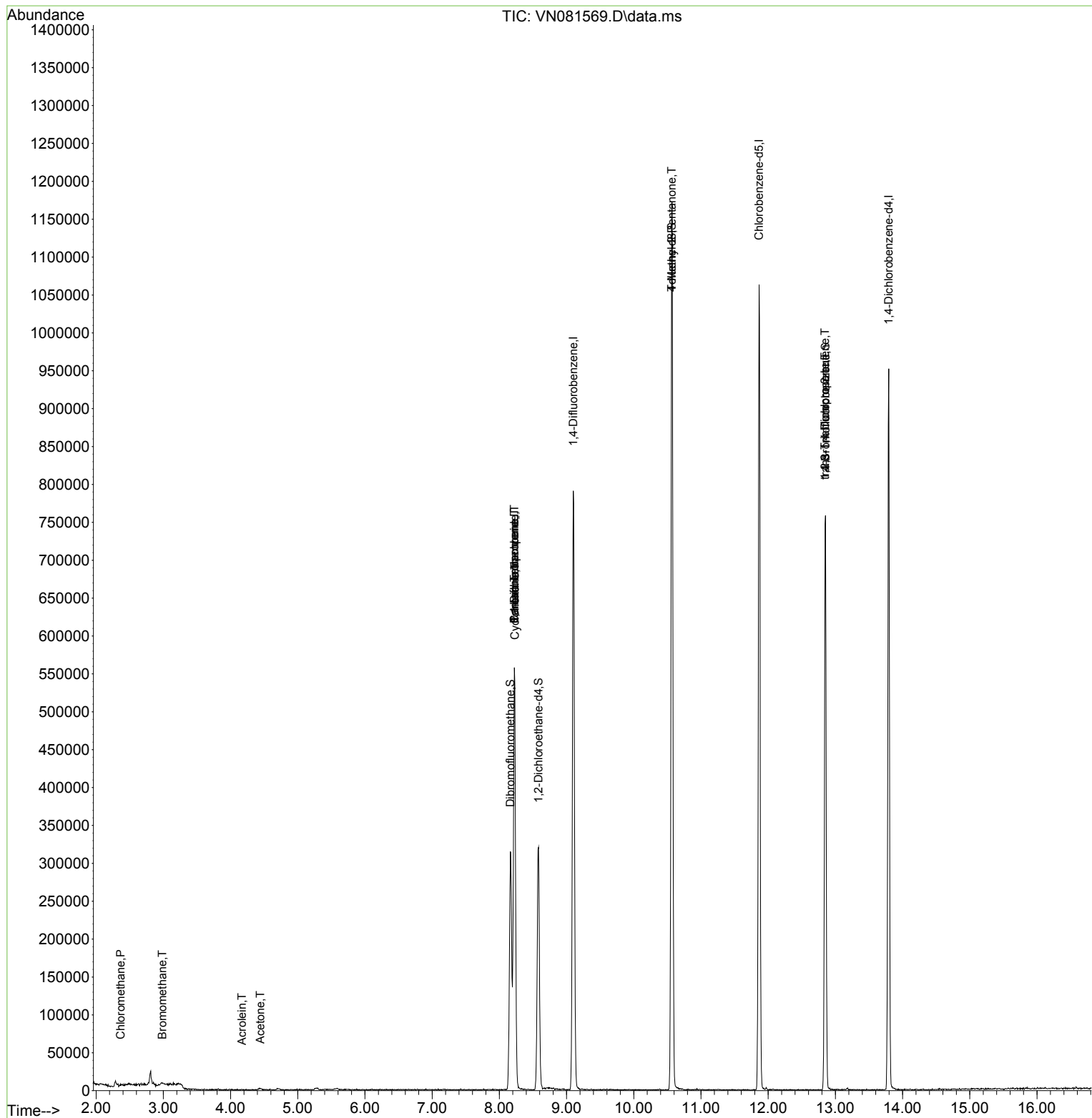
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.365	50	1185	0.222	ug/l	95
5) Bromomethane	2.983	94	1528	0.361	ug/l #	47
13) Acrolein	4.171	56	438	0.552	ug/l #	75
16) Acetone	4.442	43	3824	2.333	ug/l #	64
31) Cyclohexane	8.230	56	8658	1.049	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	32361	4.284	ug/l #	51
38) Carbon Tetrachloride	8.224	117	43479	5.255	ug/l #	18
51) 4-Methyl-2-Pentanone	10.565	43	3677	0.562	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	143013	24.107	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	143013	65.144	ug/l #	14

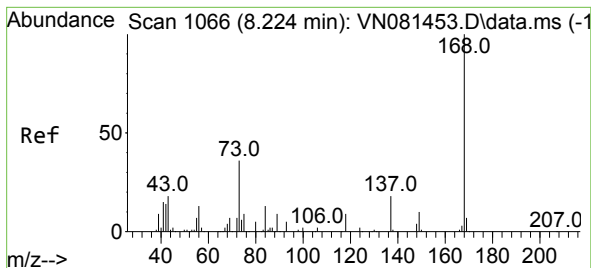
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032524\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081569.D

Acq: 25 Mar 2024 18:28

Instrument :

MSVOA_N

ClientSampleId :

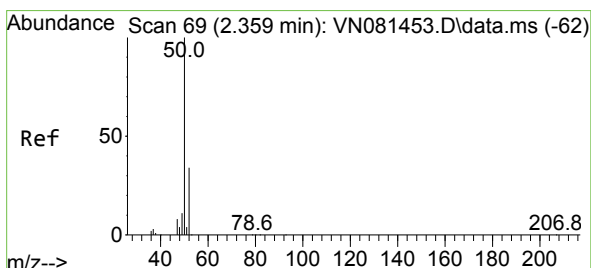
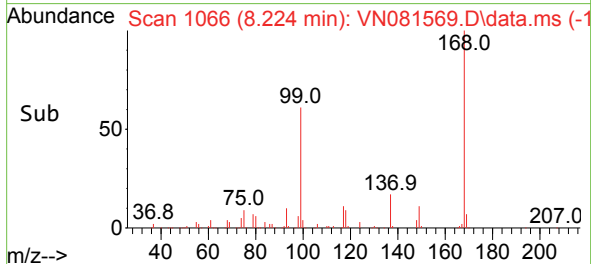
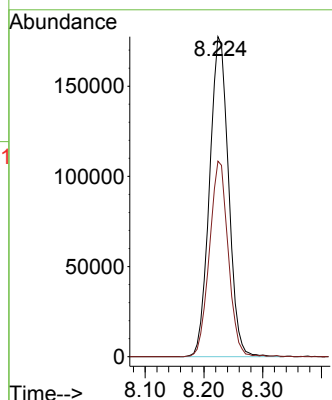
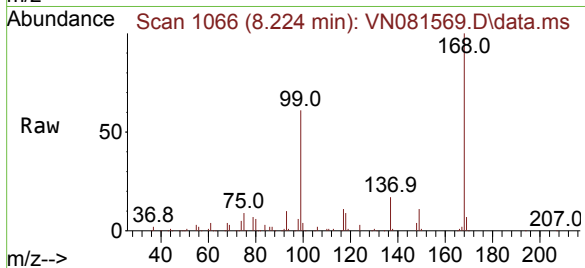
STORAGE-BLANK-WATER-REF-5

Tgt Ion:168 Resp: 397737

Ion Ratio Lower Upper

168 100

99 61.1 59.9 89.9



#3

Chloromethane

Concen: 0.222 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN081569.D

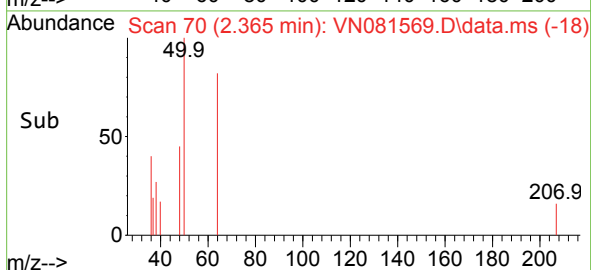
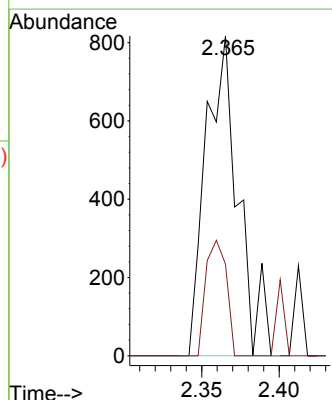
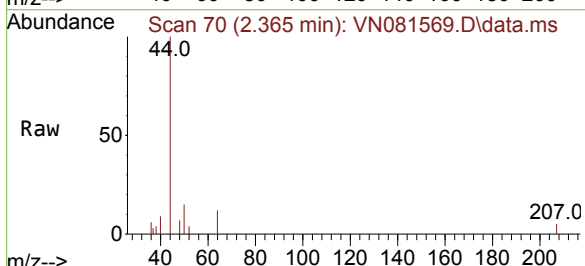
Acq: 25 Mar 2024 18:28

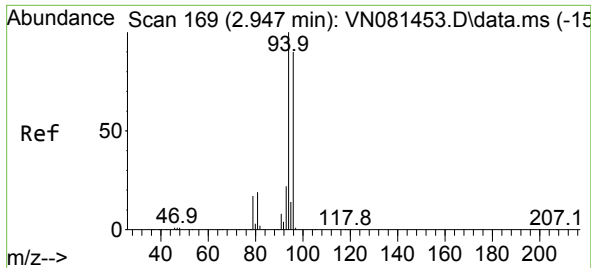
Tgt Ion: 50 Resp: 1185

Ion Ratio Lower Upper

50 100

52 28.6 25.0 37.4

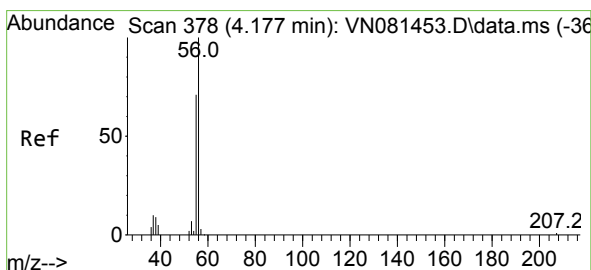
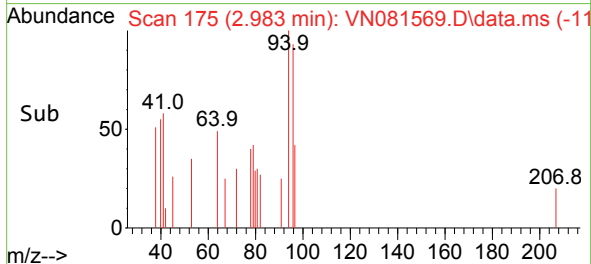
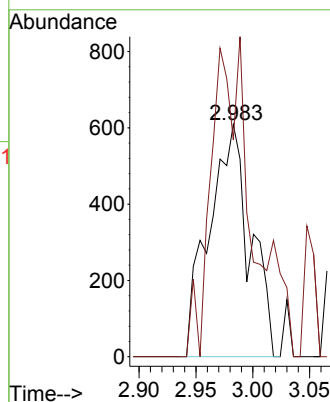
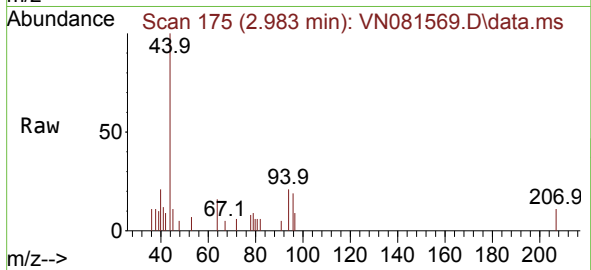




#5
Bromomethane
Concen: 0.361 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN081569.D
Acq: 25 Mar 2024 18:28

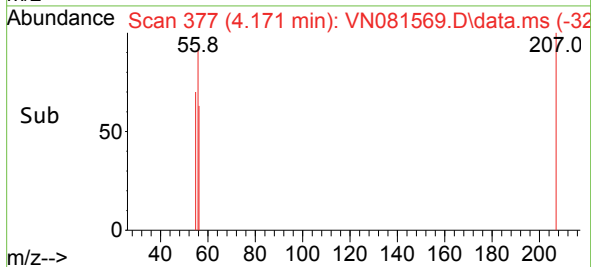
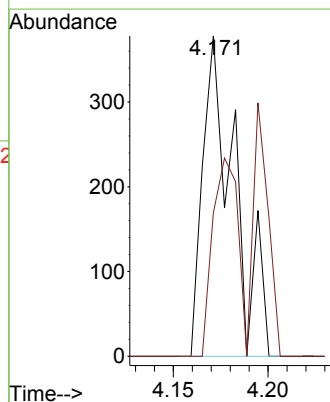
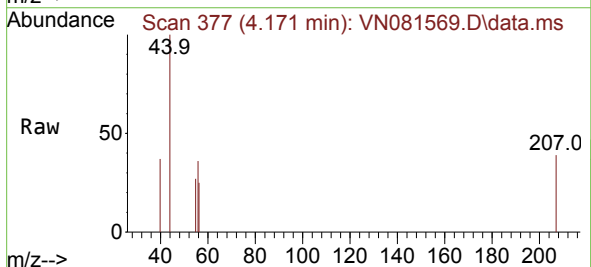
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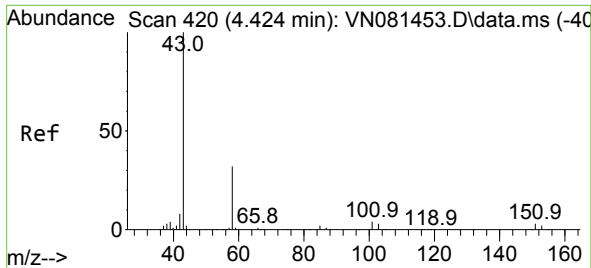
Tgt Ion: 94 Resp: 1528
Ion Ratio Lower Upper
94 100
96 135.8 69.2 103.8#



#13
Acrolein
Concen: 0.552 ug/l
RT: 4.171 min Scan# 377
Delta R.T. -0.006 min
Lab File: VN081569.D
Acq: 25 Mar 2024 18:28

Tgt Ion: 56 Resp: 438
Ion Ratio Lower Upper
56 100
55 49.1 55.3 82.9#

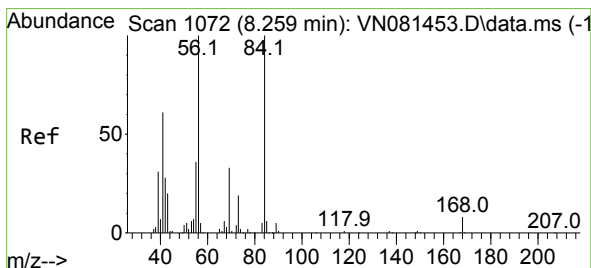
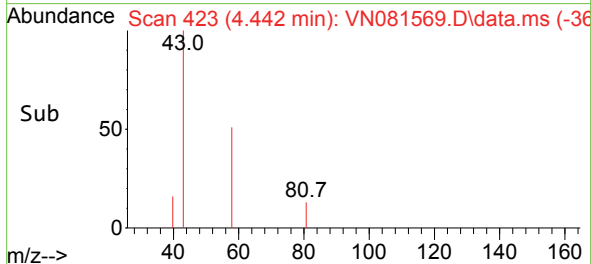
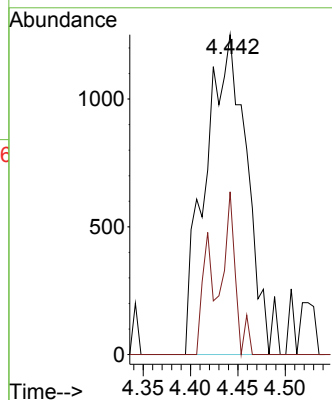
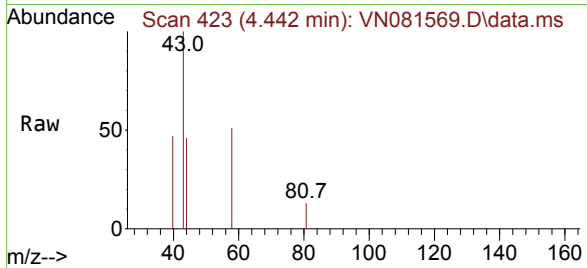




#16
Acetone
Concen: 2.333 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN081569.D
Acq: 25 Mar 2024 18:28

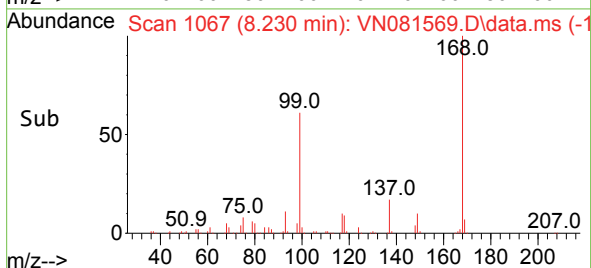
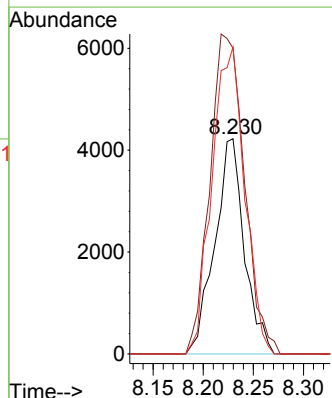
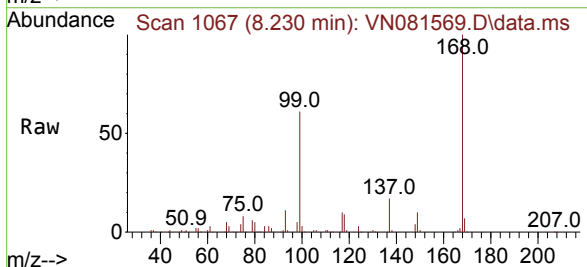
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

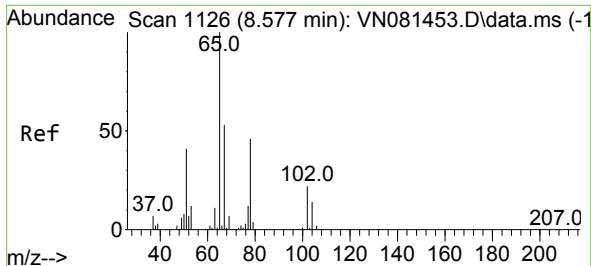
Tgt Ion: 43 Resp: 3824
Ion Ratio Lower Upper
43 100
58 50.9 24.8 37.2#



#31
Cyclohexane
Concen: 1.049 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN081569.D
Acq: 25 Mar 2024 18:28

Tgt Ion: 56 Resp: 8658
Ion Ratio Lower Upper
56 100
69 142.1 20.1 30.1#
84 142.7 56.9 85.3#





#33

1,2-Dichloroethane-d4

Concen: 51.834 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081569.D

Acq: 25 Mar 2024 18:28

Instrument :

MSVOA_N

ClientSampleId :

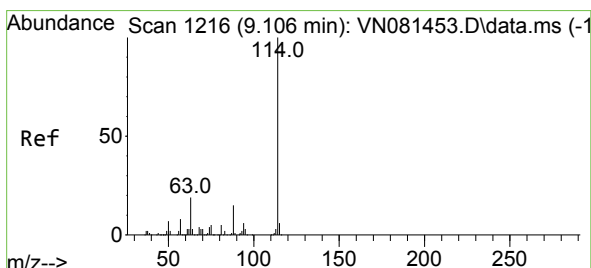
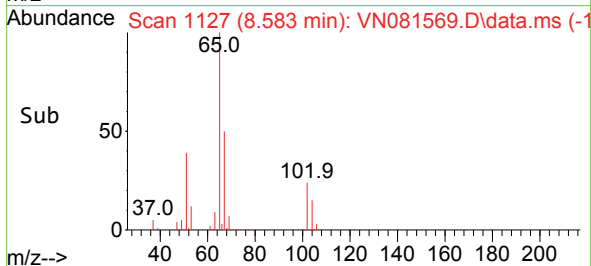
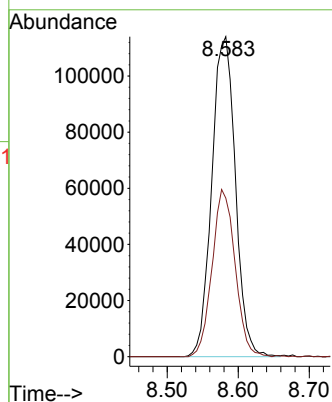
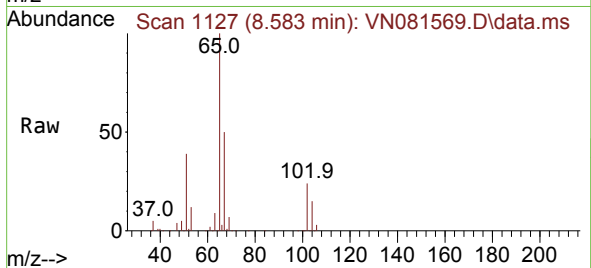
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 65 Resp: 262915

Ion Ratio Lower Upper

65 100

67 50.9 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081569.D

Acq: 25 Mar 2024 18:28

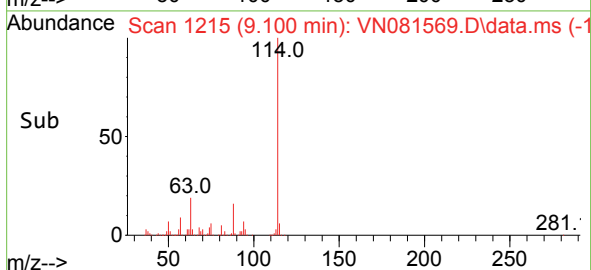
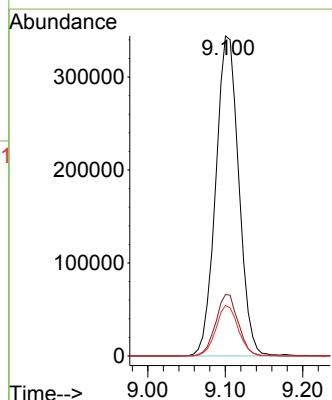
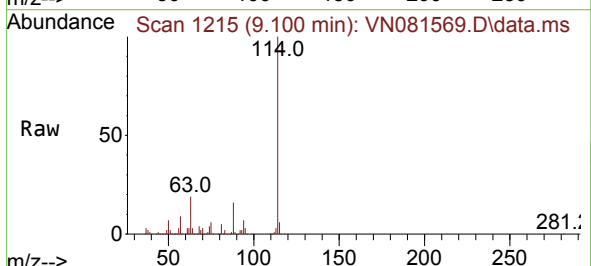
Tgt Ion:114 Resp: 711187

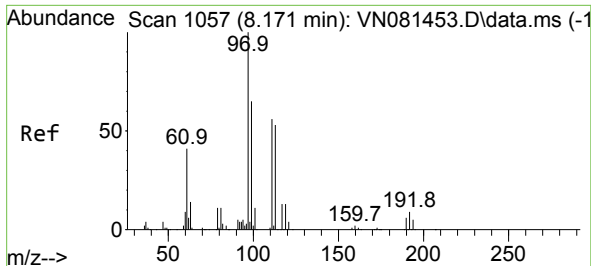
Ion Ratio Lower Upper

114 100

63 19.2 0.0 48.0

88 15.8 0.0 34.8

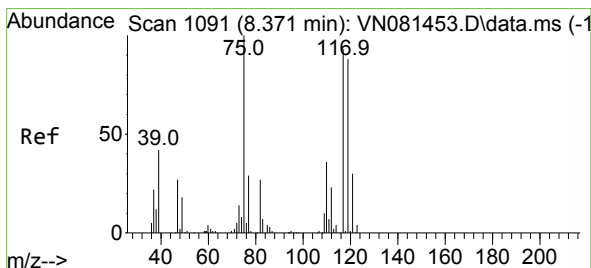
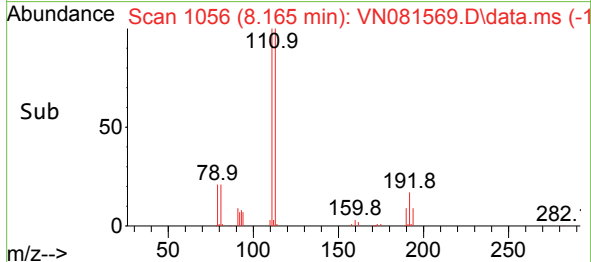
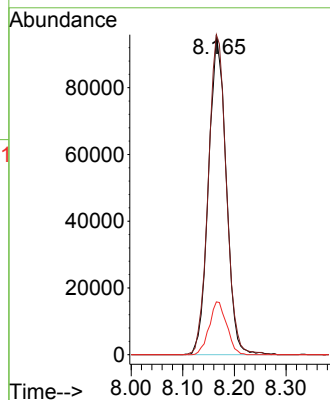
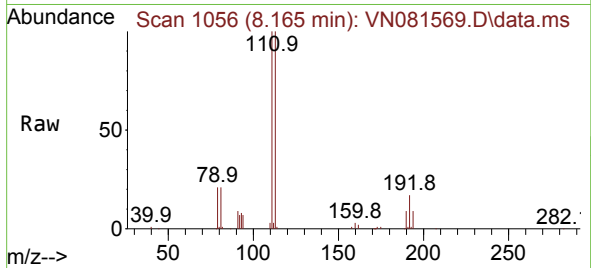




#35
Dibromofluoromethane
Concen: 50.536 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081569.D
Acq: 25 Mar 2024 18:28

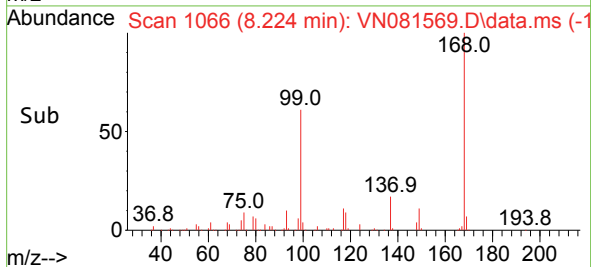
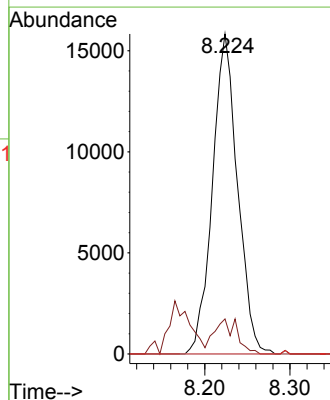
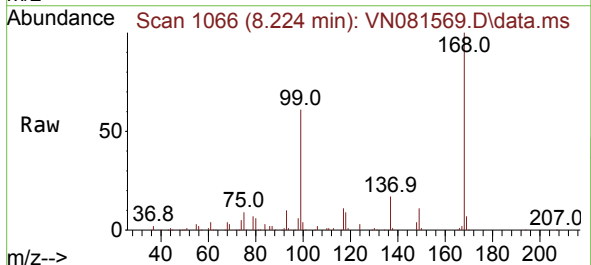
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MSVOA_N
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STORAGE-BLANK-WATER-REF-5

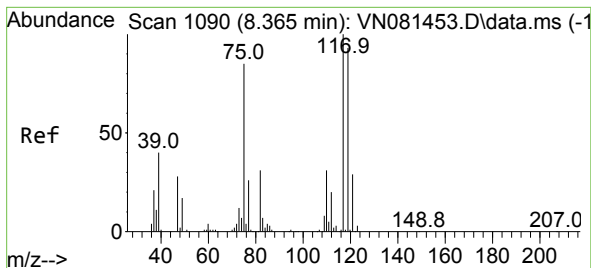
Tgt Ion:113 Resp: 226822
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.4
192 16.4 12.5 18.7



#36
1,1-Dichloropropene
Concen: 4.284 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN081569.D
Acq: 25 Mar 2024 18:28

Tgt Ion: 75 Resp: 32361
Ion Ratio Lower Upper
75 100
110 10.0 16.0 48.0#
77 0.0 25.8 38.6#





#38

Carbon Tetrachloride

Concen: 5.255 ug/l

RT: 8.224 min Scan# 1090

Delta R.T. -0.141 min

Lab File: VN081569.D

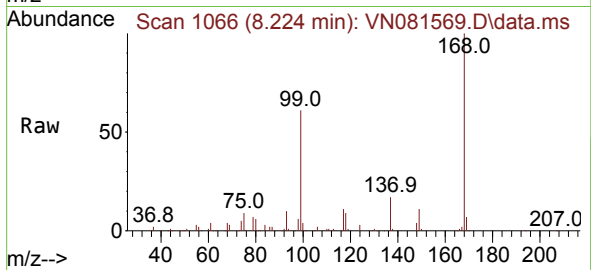
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Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5



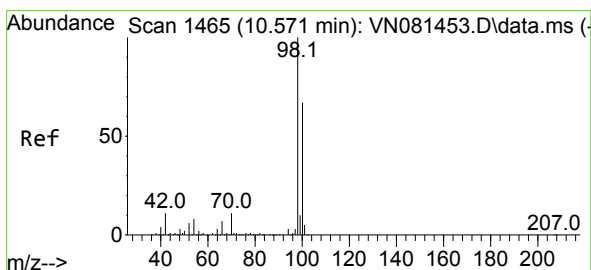
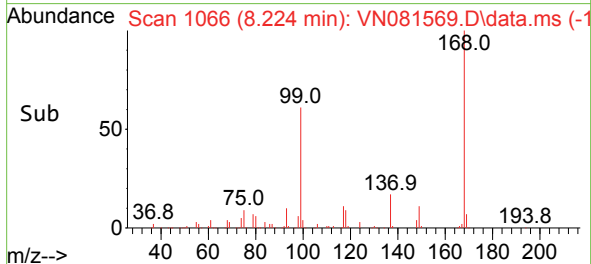
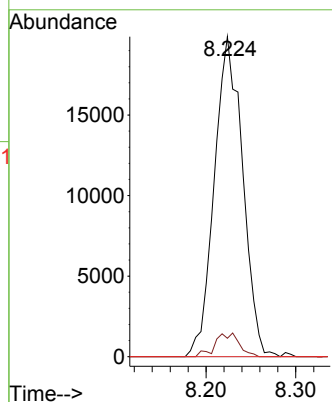
Tgt Ion:117 Resp: 43479

Ion Ratio Lower Upper

117 100

119 5.8 73.4 110.2#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 51.693 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN081569.D

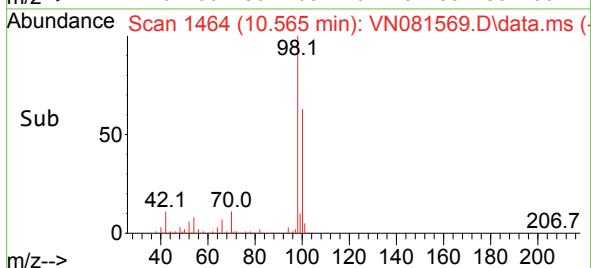
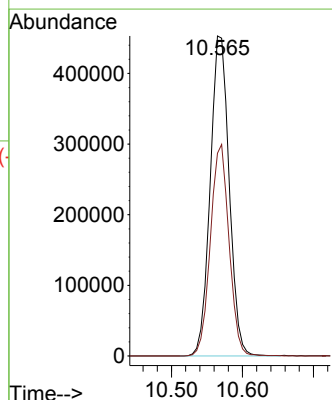
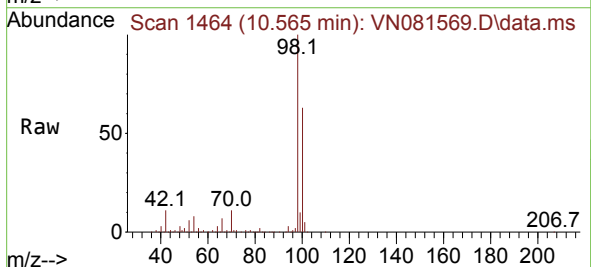
Acq: 25 Mar 2024 18:28

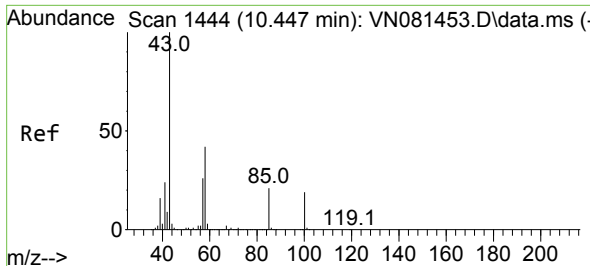
Tgt Ion: 98 Resp: 838700

Ion Ratio Lower Upper

98 100

100 65.0 51.4 77.0

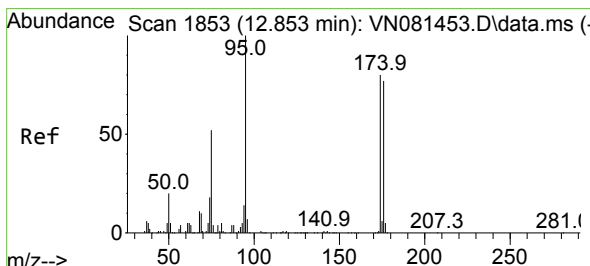
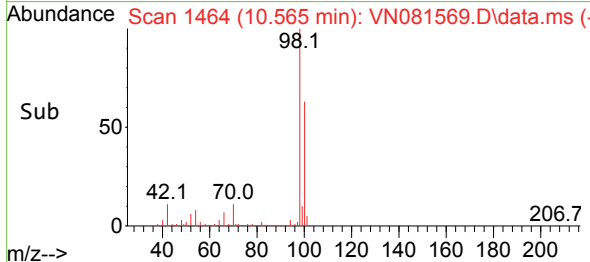
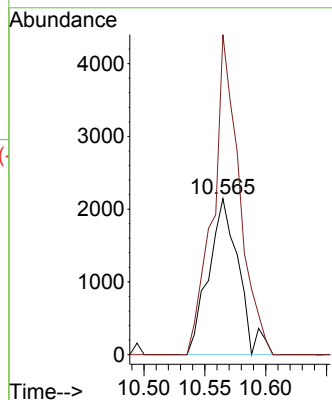
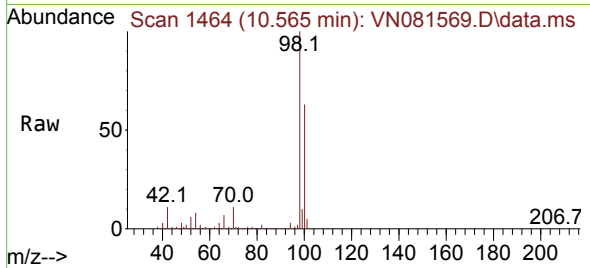




#51
 4-Methyl-2-Pentanone
 Concen: 0.562 ug/l
 RT: 10.565 min Scan# 1464
 Delta R.T. 0.118 min
 Lab File: VN081569.D
 Acq: 25 Mar 2024 18:28

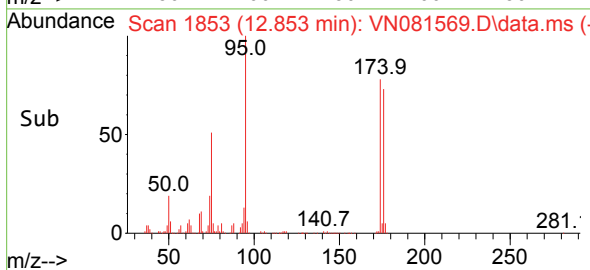
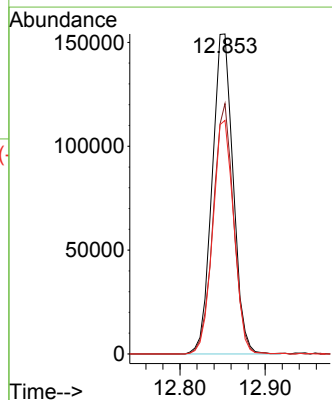
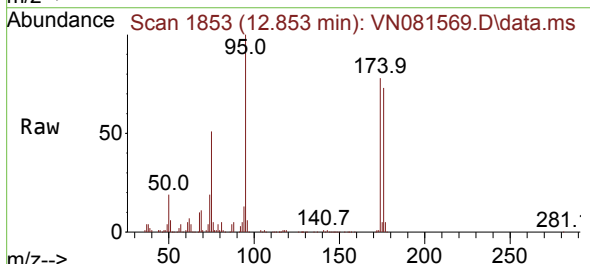
Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

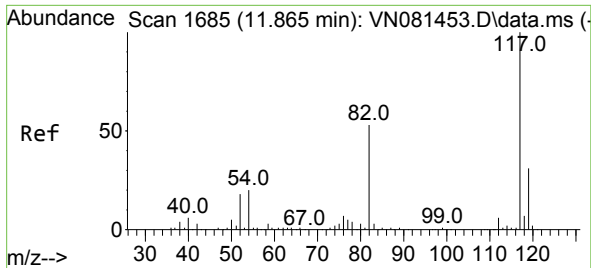
Tgt Ion: 43 Resp: 3677
 Ion Ratio Lower Upper
 43 100
 58 181.4 29.4 44.0#



#62
 4-Bromofluorobenzene
 Concen: 46.144 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VN081569.D
 Acq: 25 Mar 2024 18:28

Tgt Ion: 95 Resp: 263803
 Ion Ratio Lower Upper
 95 100
 174 76.2 0.0 120.4
 176 73.1 0.0 121.0

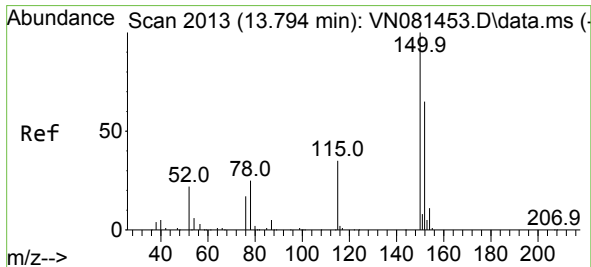
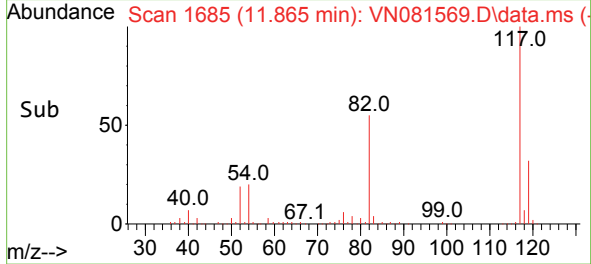
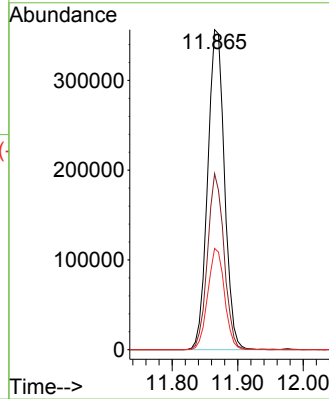
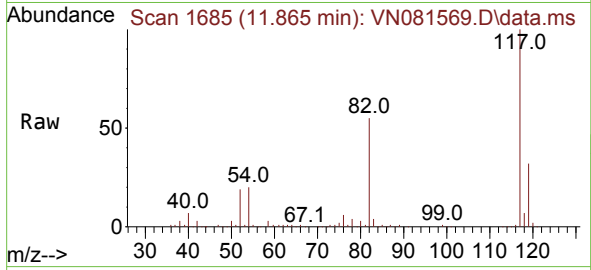




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081569.D
Acq: 25 Mar 2024 18:28

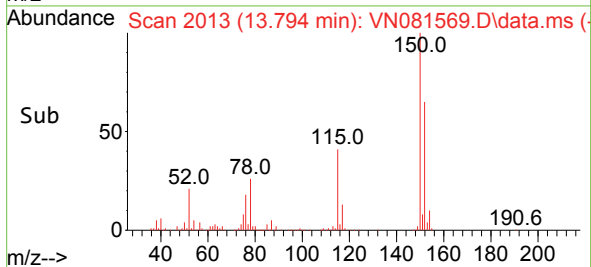
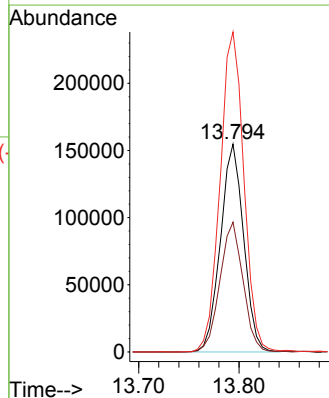
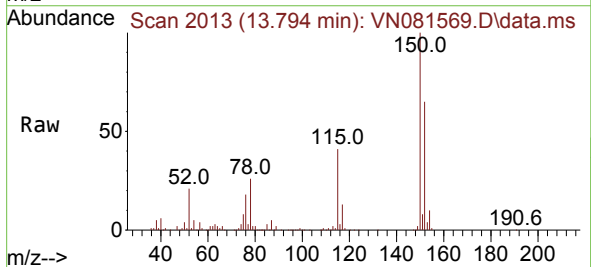
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

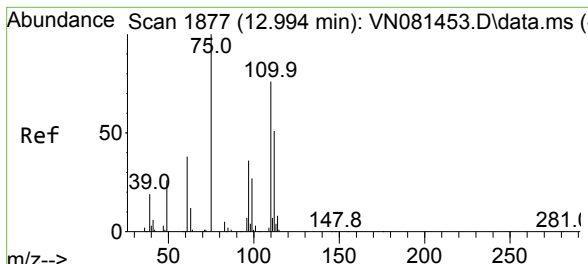
Tgt Ion:117 Resp: 636154
Ion Ratio Lower Upper
117 100
82 55.0 52.7 79.1
119 31.7 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081569.D
Acq: 25 Mar 2024 18:28

Tgt Ion:152 Resp: 248011
Ion Ratio Lower Upper
152 100
115 62.3 32.3 96.8
150 158.0 0.0 339.8

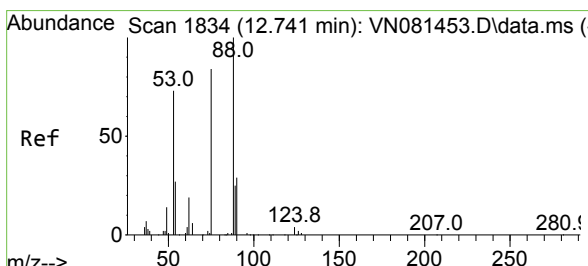
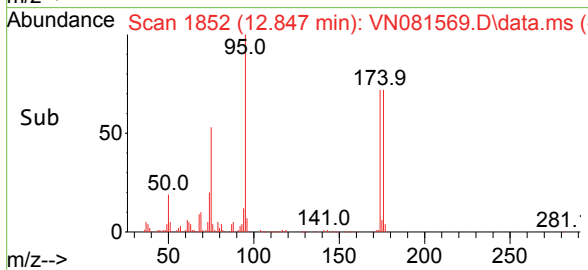
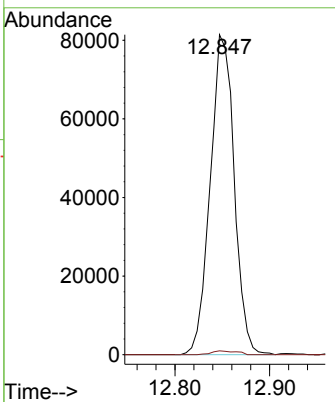
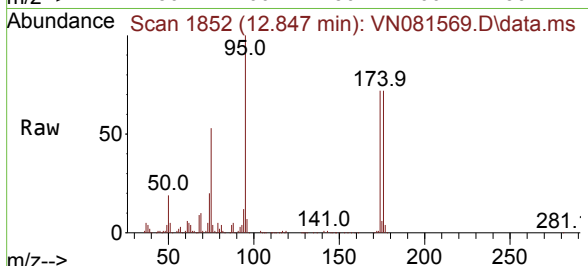




#76
 1,2,3-Trichloropropane
 Concen: 24.107 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN081569.D
 Acq: 25 Mar 2024 18:28

Instrument : MSVOA_N
 ClientSampleId : STORAGE-BLANK-WATER-REF-5

Tgt Ion: 75 Resp: 143013
 Ion Ratio Lower Upper
 75 100
 77 1.3 91.0 272.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.144 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.106 min
 Lab File: VN081569.D
 Acq: 25 Mar 2024 18:28

Tgt Ion: 75 Resp: 143013
 Ion Ratio Lower Upper
 75 100
 53 0.1 71.4 107.2#
 89 0.0 33.4 50.0#

