

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010923\
 Data File : VN076152.D
 Acq On : 09 Jan 2023 13:40
 Operator : JC\MD
 Sample : 01078-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Jan 10 01:05:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

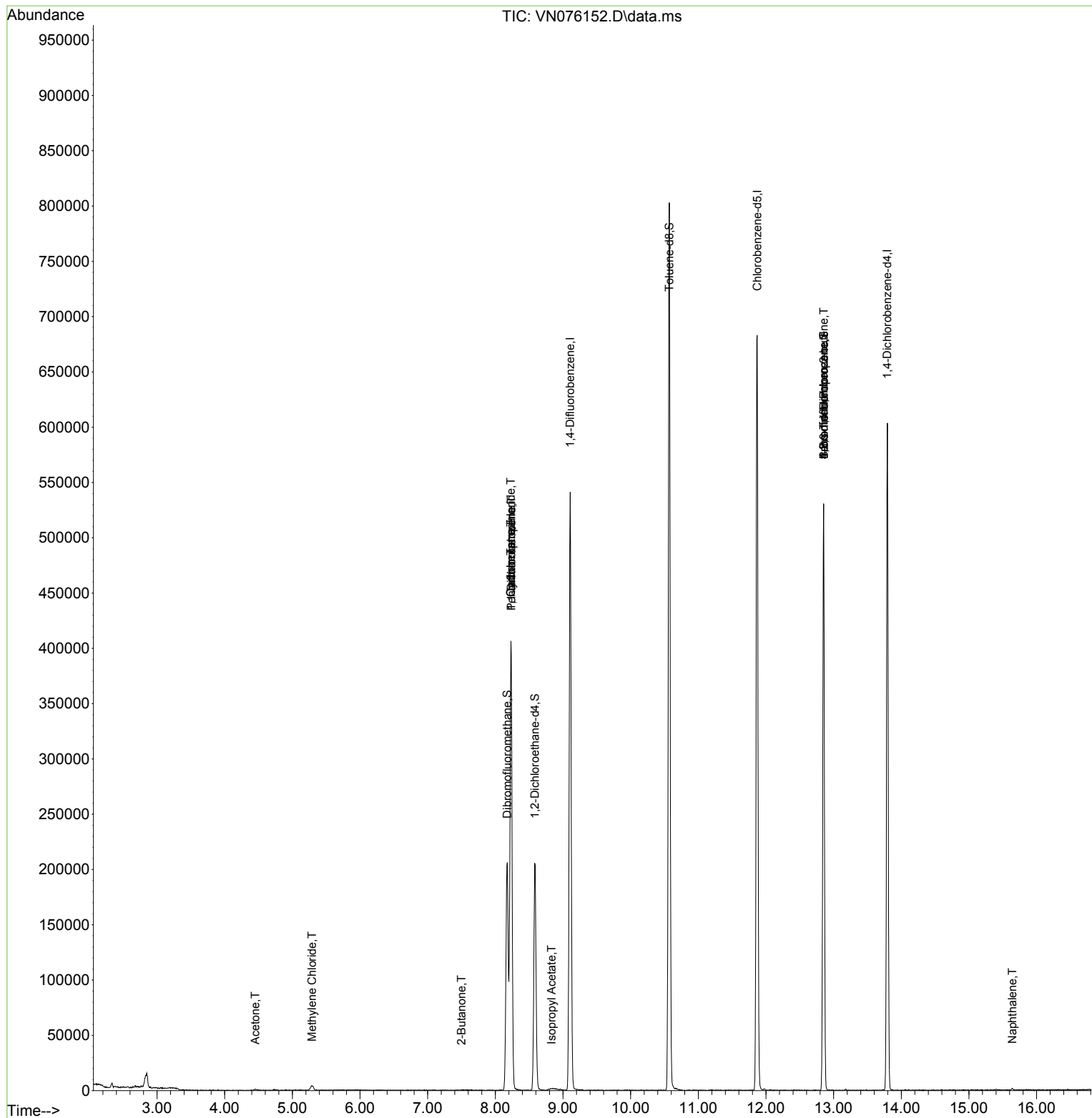
Internal Standards						
1) Pentafluorobenzene	8.235	168	311718	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	490953	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	428440	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	167799	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	167955	49.527	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.060%
35) Dibromofluoromethane	8.177	113	151036	49.676	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.360%
50) Toluene-d8	10.570	98	572353	50.349	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.700%
62) 4-Bromofluorobenzene	12.853	95	174057	46.229	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.460%
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	1900	1.625	ug/l #	76
20) Methylene Chloride	5.288	84	4237	0.724	ug/l #	87
25) 2-Butanone	7.500	43	613	0.375	ug/l #	40
31) Cyclohexane	8.229	56	6335	1.304	ug/l #	46
36) 1,1-Dichloropropene	8.235	75	22429	5.553	ug/l #	50
38) Carbon Tetrachloride	8.229	117	31779	7.030	ug/l #	16
43) Isopropyl Acetate	8.829	43	1325	0.248	ug/l #	50
71) Bromoform	12.853	173	1489	0.628	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	89331	26.410	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	89331	95.064	ug/l #	12
95) Naphthalene	15.641	128	2019	2.389	ug/l #	82

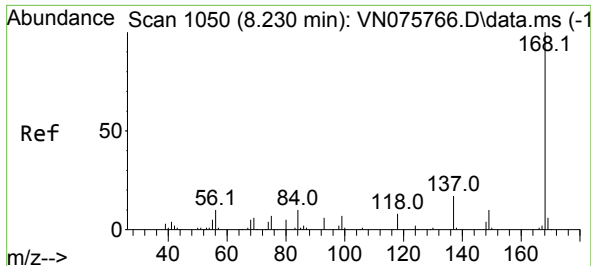
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
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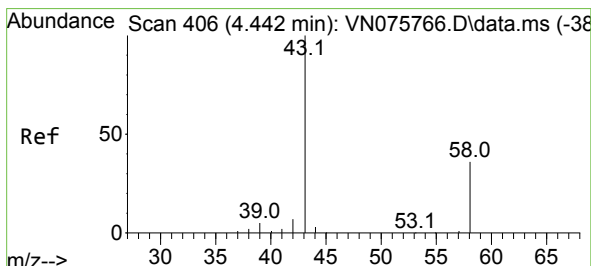
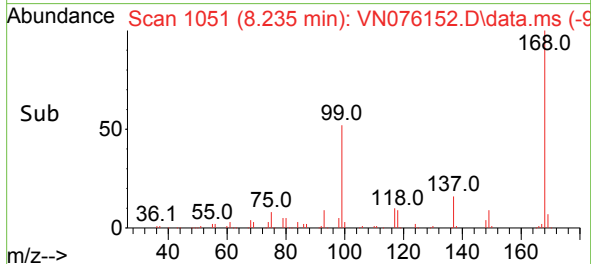
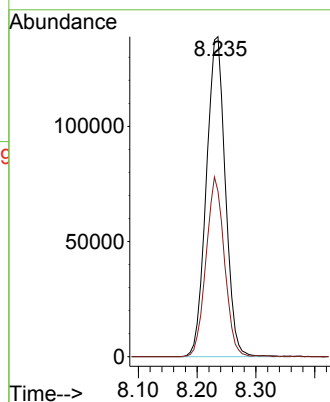
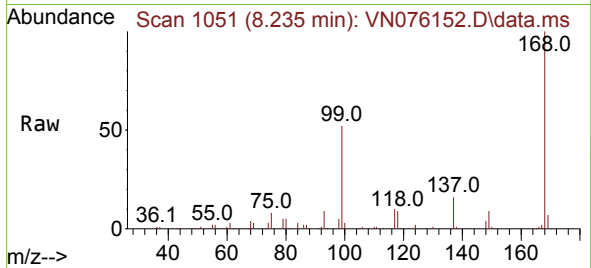




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1050
Delta R.T. 0.005 min
Lab File: VN076152.D
Acq: 09 Jan 2023 13:40

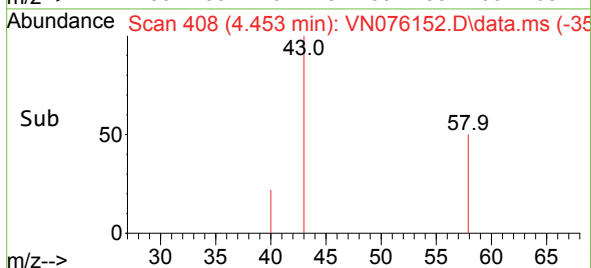
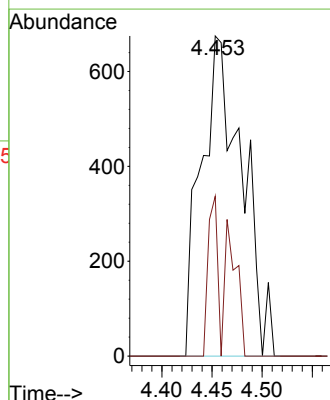
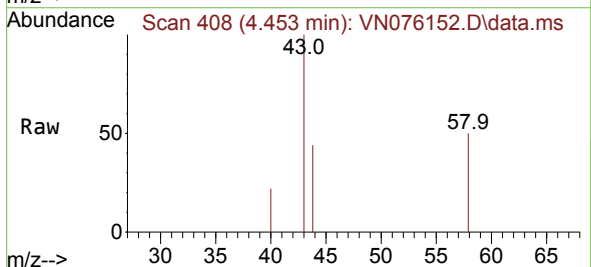
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

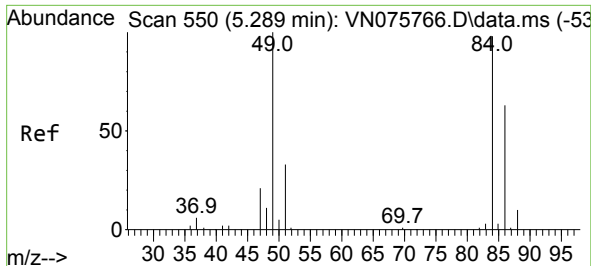
Tgt Ion:168 Resp: 311718
Ion Ratio Lower Upper
168 100
99 51.7 44.2 66.4



#16
Acetone
Concen: 1.625 ug/l
RT: 4.453 min Scan# 408
Delta R.T. 0.012 min
Lab File: VN076152.D
Acq: 09 Jan 2023 13:40

Tgt Ion: 43 Resp: 1900
Ion Ratio Lower Upper
43 100
58 49.9 28.6 43.0#

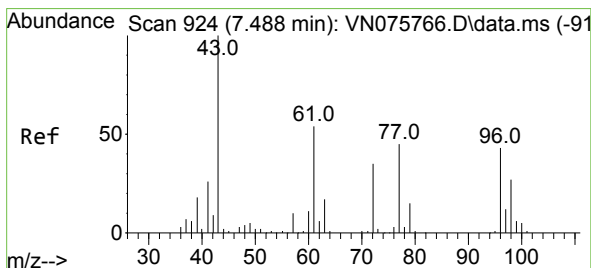
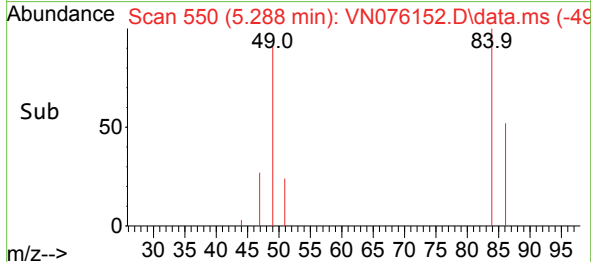
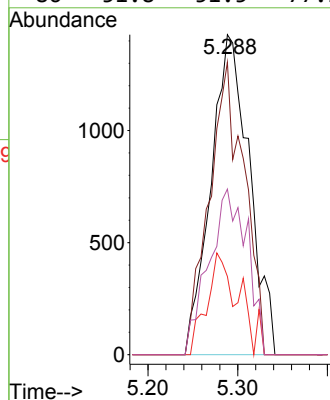
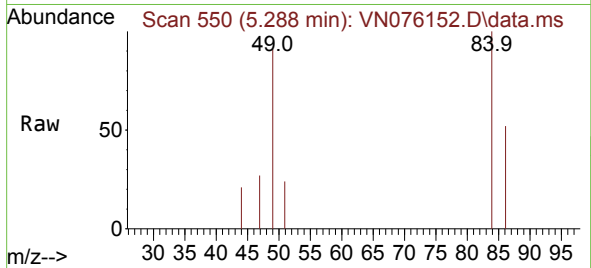




#20
Methylene Chloride
Concen: 0.724 ug/l
RT: 5.288 min Scan# 51
Delta R.T. -0.001 min
Lab File: VN076152.D
Acq: 09 Jan 2023 13:40

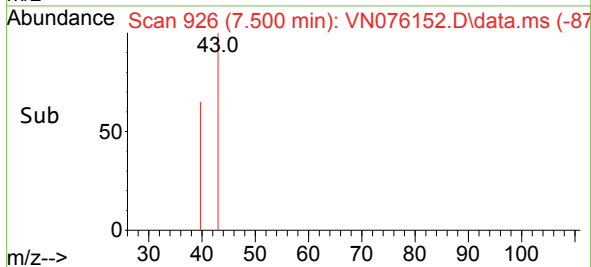
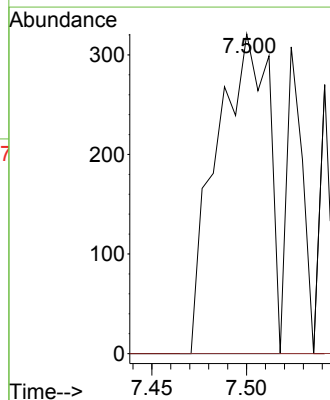
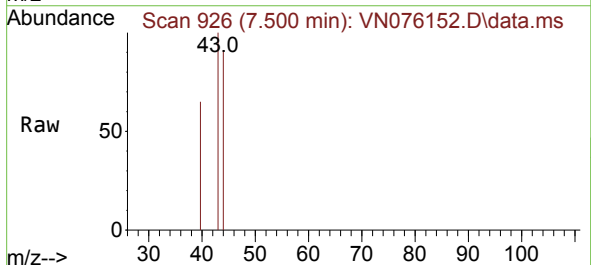
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

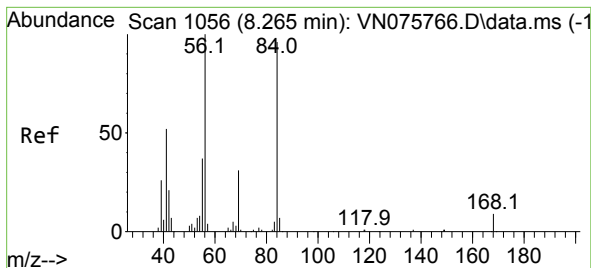
Tgt Ion:	84	Resp:	4237
Ion	Ratio	Lower	Upper
84	100		
49	91.4	81.8	122.6
51	24.4	26.7	40.1#
86	51.8	51.5	77.3



#25
2-Butanone
Concen: 0.375 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.012 min
Lab File: VN076152.D
Acq: 09 Jan 2023 13:40

Tgt Ion:	43	Resp:	613
Ion	Ratio	Lower	Upper
43	100		
72	0.0	28.0	42.0#





#31

Cyclohexane

Concen: 1.304 ug/l

RT: 8.229 min Scan# 1050

Delta R.T. -0.035 min

Lab File: VN076152.D

Acq: 09 Jan 2023 13:40

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

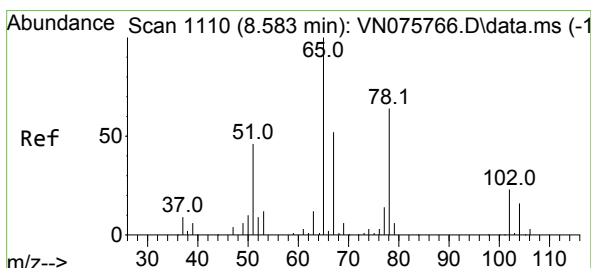
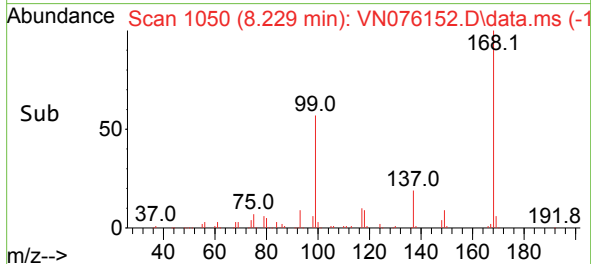
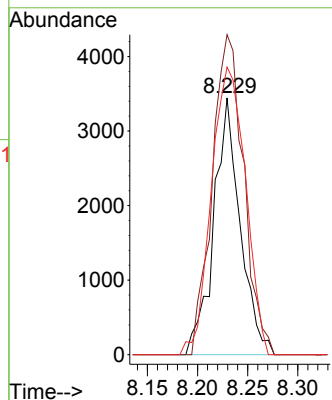
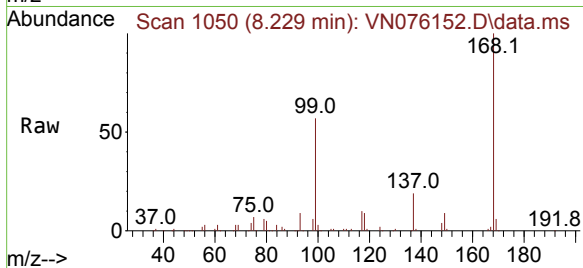
Tgt Ion: 56 Resp: 6335

Ion Ratio Lower Upper

56 100

69 124.6 24.7 37.1#

84 112.0 76.5 114.7



#33

1,2-Dichloroethane-d4

Concen: 49.527 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN076152.D

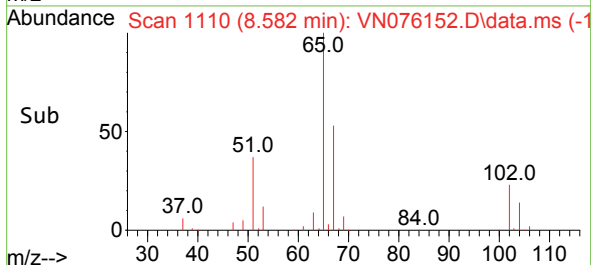
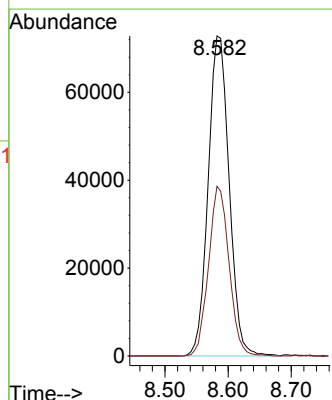
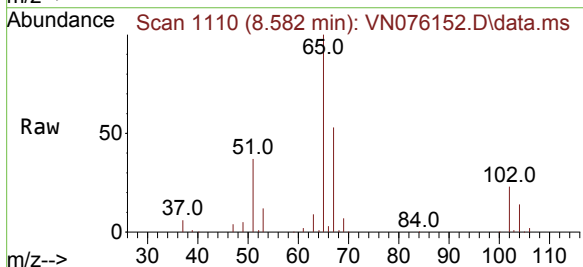
Acq: 09 Jan 2023 13:40

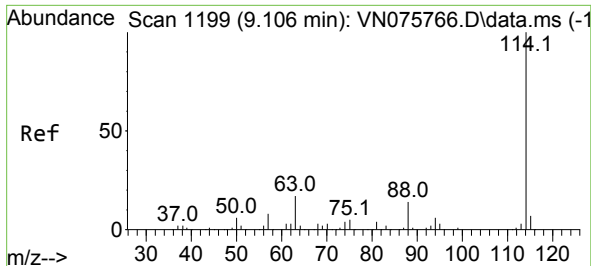
Tgt Ion: 65 Resp: 167955

Ion Ratio Lower Upper

65 100

67 51.9 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076152.D

Acq: 09 Jan 2023 13:40

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

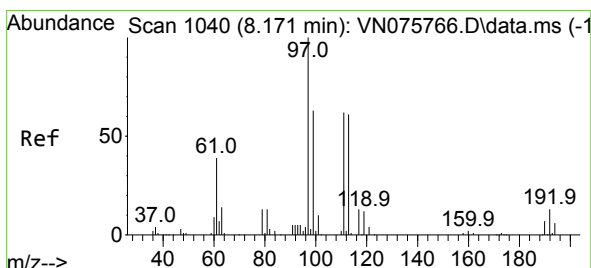
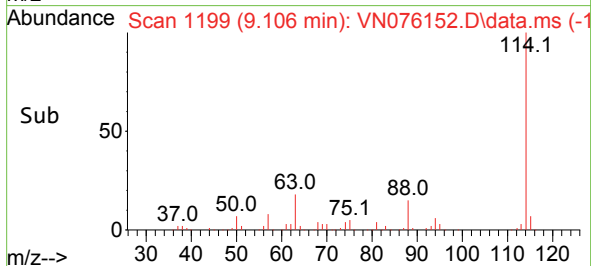
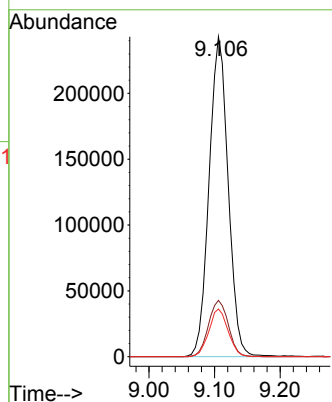
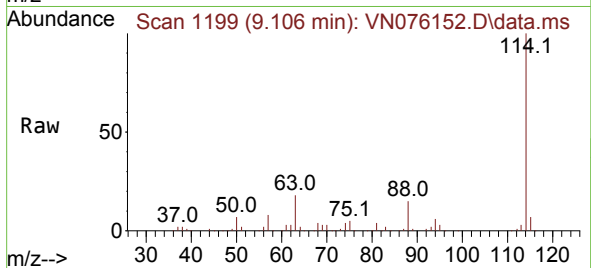
Tgt Ion:114 Resp: 490953

Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.4

88 14.9 0.0 28.8



#35

Dibromofluoromethane

Concen: 49.676 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076152.D

Acq: 09 Jan 2023 13:40

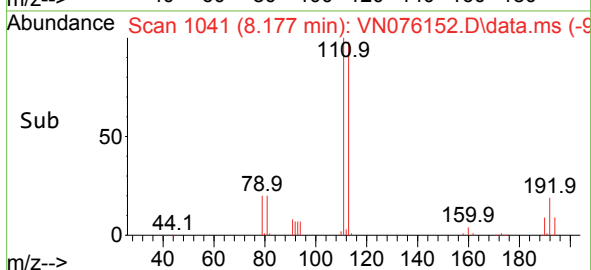
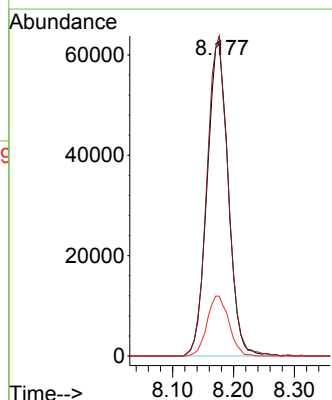
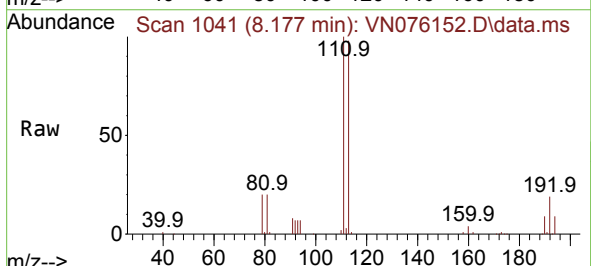
Tgt Ion:113 Resp: 151036

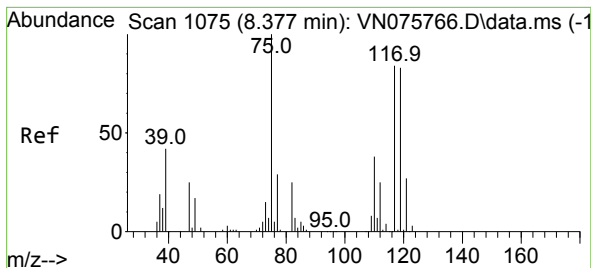
Ion Ratio Lower Upper

113 100

111 102.1 83.4 125.2

192 19.6 16.1 24.1





#36

1,1-Dichloropropene

Concen: 5.553 ug/l

RT: 8.235 min Scan# 1051

Delta R.T. -0.141 min

Lab File: VN076152.D

Acq: 09 Jan 2023 13:40

Instrument :

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ClientSampleId :

STORAGE-BLANK-WATER-REF-5

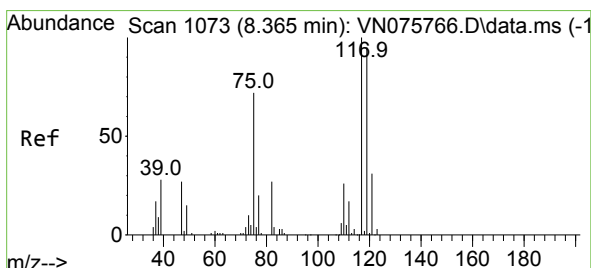
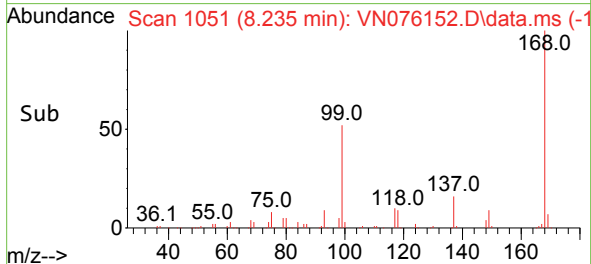
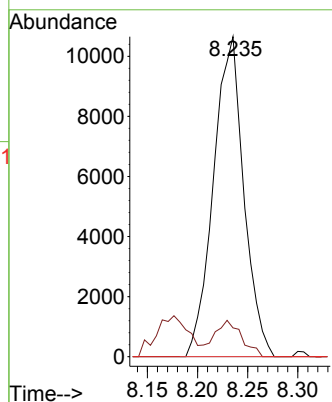
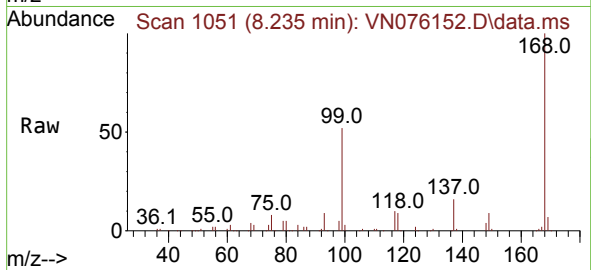
Tgt Ion: 75 Resp: 22429

Ion Ratio Lower Upper

75 100

110 9.9 18.8 56.4#

77 0.0 24.1 36.1#



#38

Carbon Tetrachloride

Concen: 7.030 ug/l

RT: 8.229 min Scan# 1050

Delta R.T. -0.135 min

Lab File: VN076152.D

Acq: 09 Jan 2023 13:40

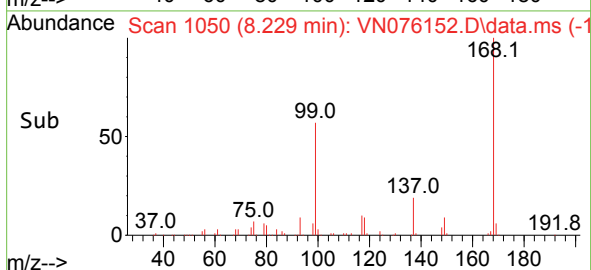
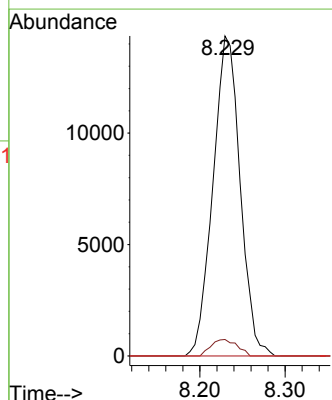
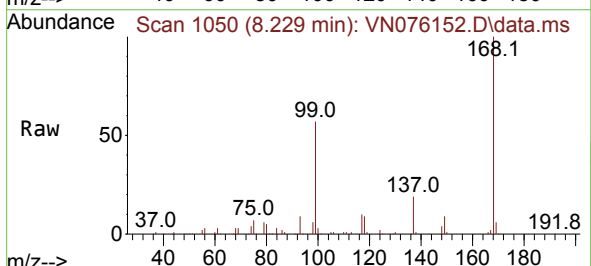
Tgt Ion: 117 Resp: 31779

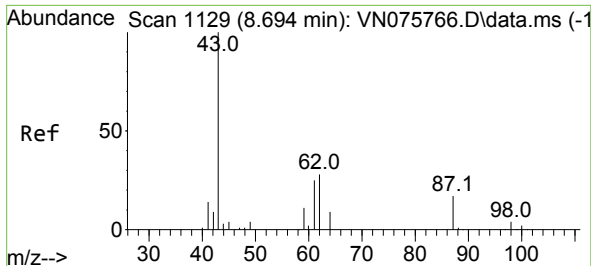
Ion Ratio Lower Upper

117 100

119 5.1 76.1 114.1#

121 0.0 24.5 36.7#

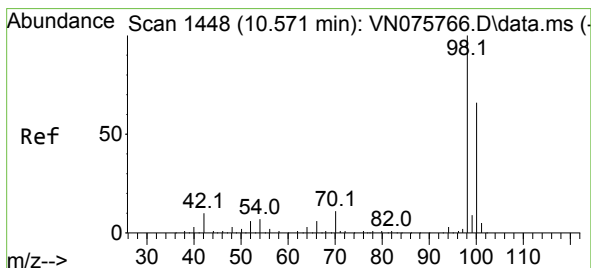
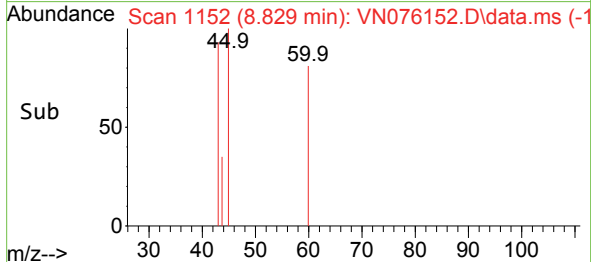
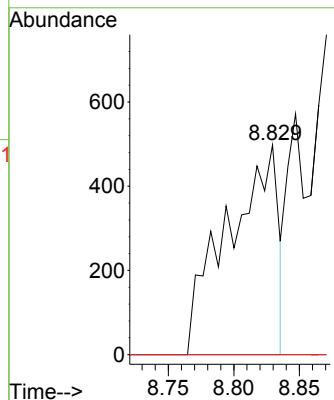
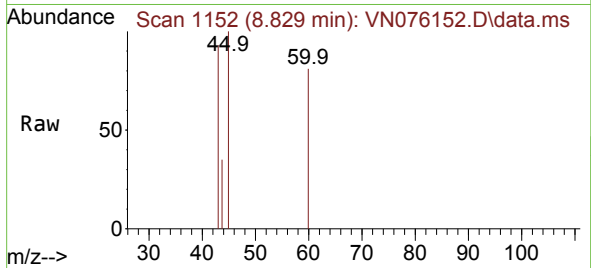




#43
Isopropyl Acetate
Concen: 0.248 ug/l
RT: 8.829 min Scan# 1129
Delta R.T. 0.135 min
Lab File: VN076152.D
Acq: 09 Jan 2023 13:40

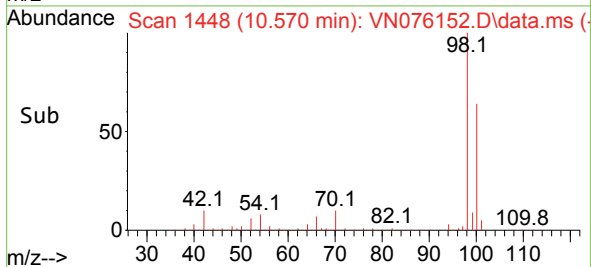
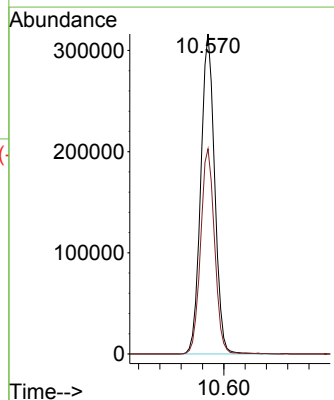
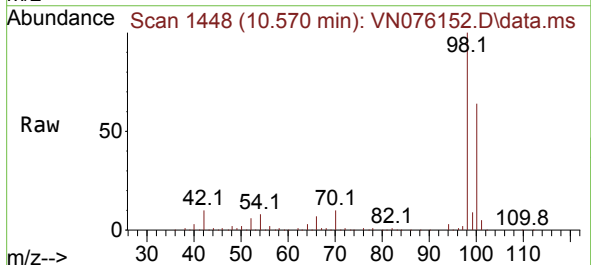
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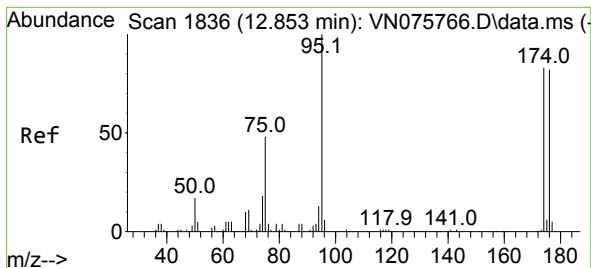
Tgt Ion: 43 Resp: 1325
Ion Ratio Lower Upper
43 100
61 0.0 24.2 36.4#
87 0.0 13.3 19.9#



#50
Toluene-d8
Concen: 50.349 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076152.D
Acq: 09 Jan 2023 13:40

Tgt Ion: 98 Resp: 572353
Ion Ratio Lower Upper
98 100
100 64.4 52.1 78.1

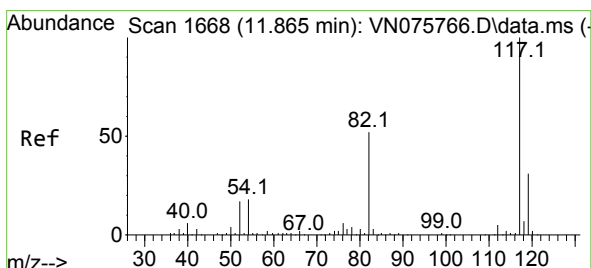
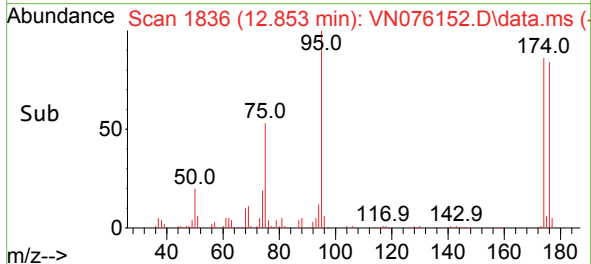
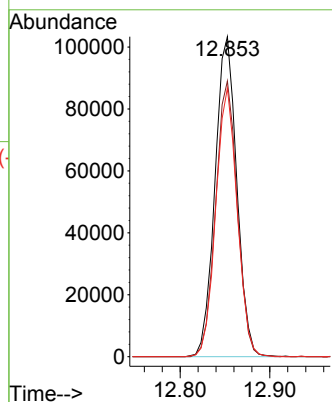
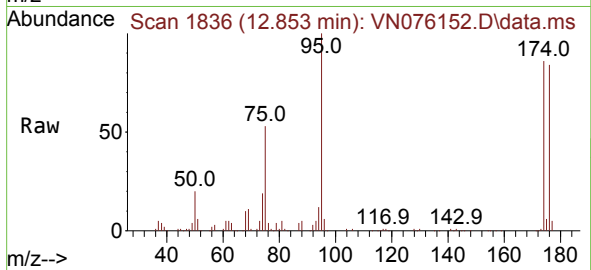




#62
4-Bromofluorobenzene
Concen: 46.229 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076152.D
Acq: 09 Jan 2023 13:40

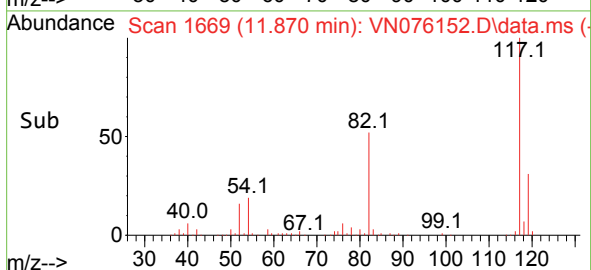
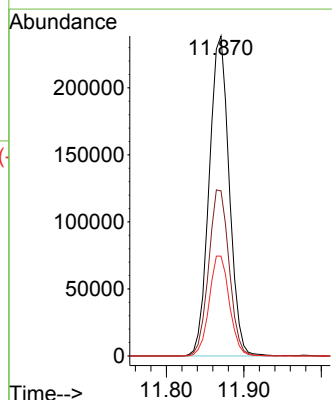
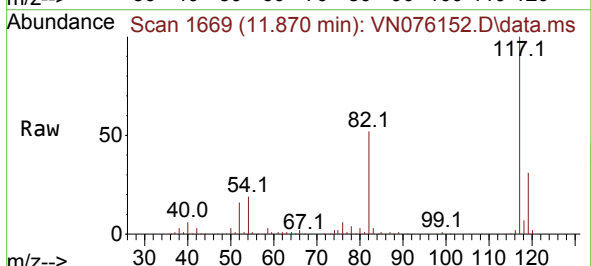
Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-WATER-REF-5

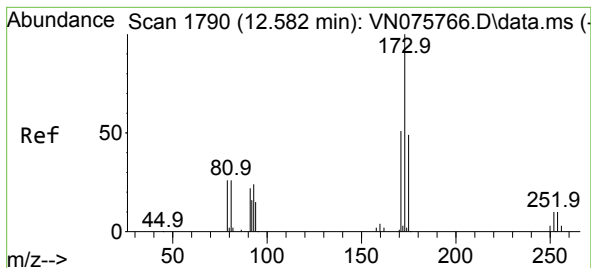
Tgt Ion: 95 Resp: 174057
Ion Ratio Lower Upper
95 100
174 85.6 0.0 171.6
176 82.4 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN076152.D
Acq: 09 Jan 2023 13:40

Tgt Ion: 117 Resp: 428440
Ion Ratio Lower Upper
117 100
82 51.6 41.3 61.9
119 31.2 24.6 37.0





#71

Bromoform

Concen: 0.628 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.270 min

Lab File: VN076152.D

Acq: 09 Jan 2023 13:40

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

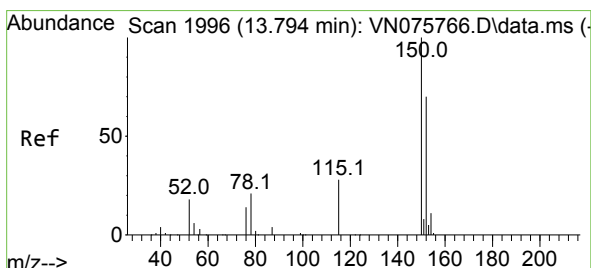
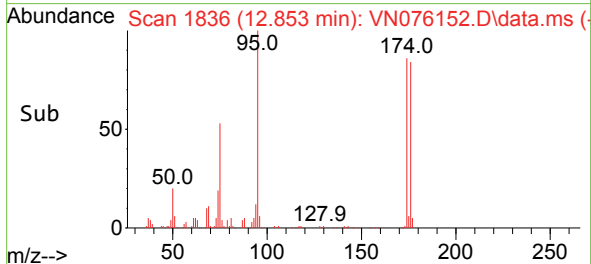
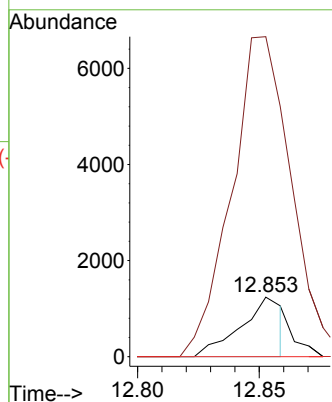
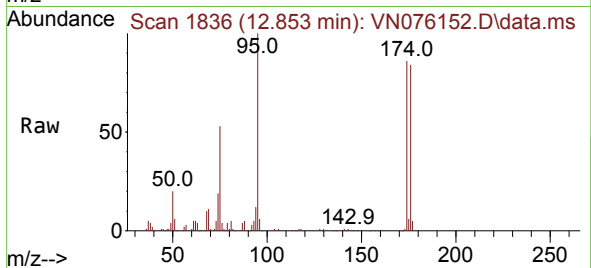
Tgt Ion:173 Resp: 1489

Ion Ratio Lower Upper

173 100

175 629.6 24.3 72.8#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VN076152.D

Acq: 09 Jan 2023 13:40

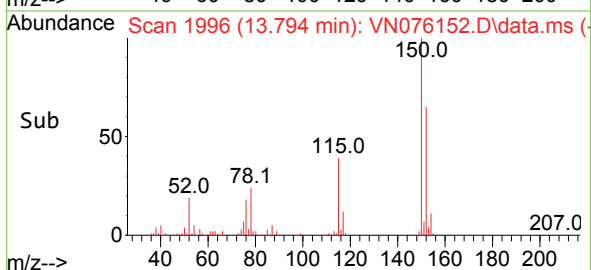
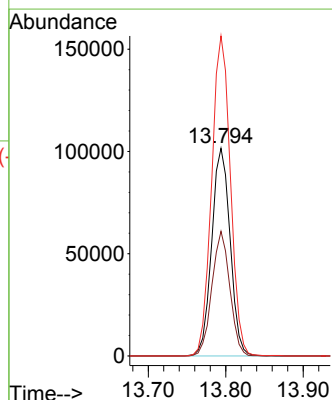
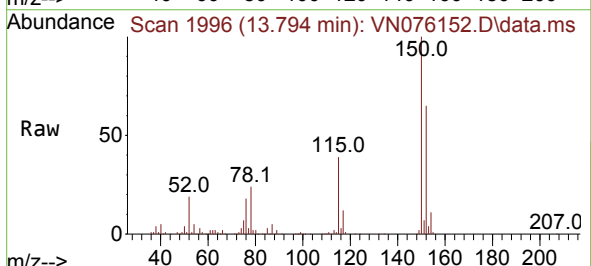
Tgt Ion:152 Resp: 167799

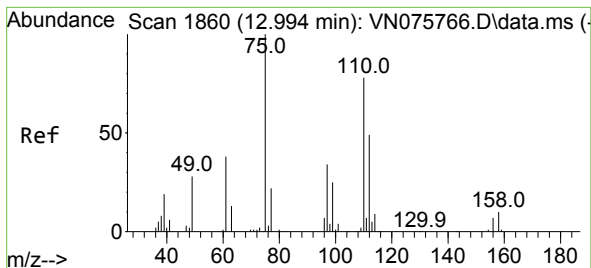
Ion Ratio Lower Upper

152 100

115 58.4 29.1 87.4

150 156.8 0.0 347.0





#76

1,2,3-Trichloropropane

Concen: 26.410 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. -0.141 min

Lab File: VN076152.D

Acq: 09 Jan 2023 13:40

Instrument :

MSVOA_N

ClientSampleId :

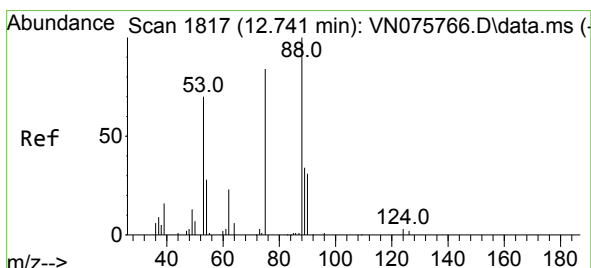
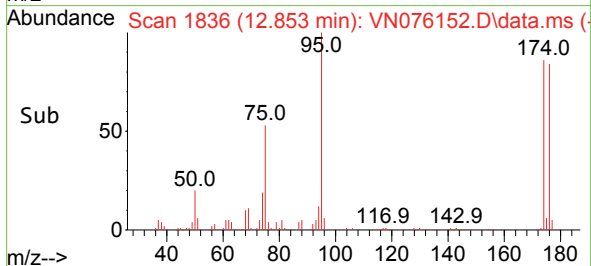
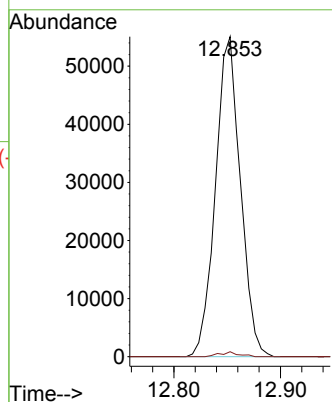
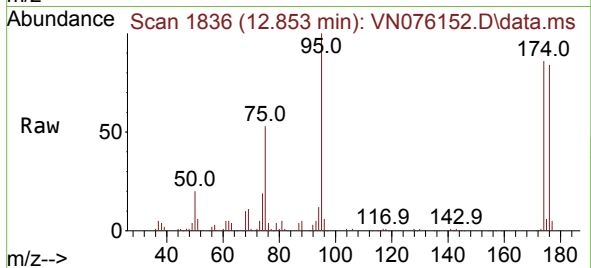
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 75 Resp: 89331

Ion Ratio Lower Upper

75 100

77 1.1 82.6 247.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 95.064 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.112 min

Lab File: VN076152.D

Acq: 09 Jan 2023 13:40

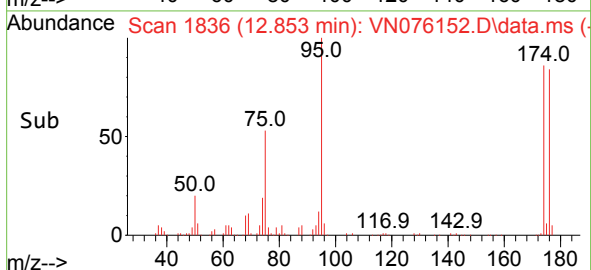
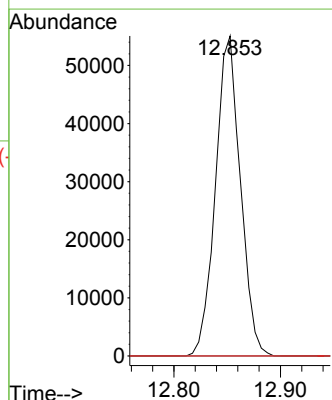
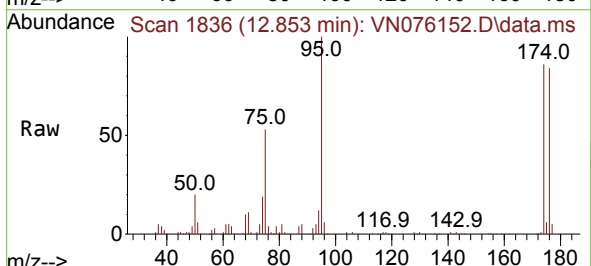
Tgt Ion: 75 Resp: 89331

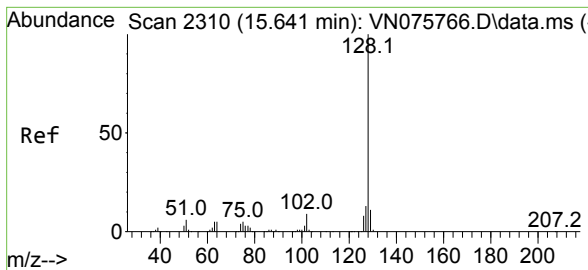
Ion Ratio Lower Upper

75 100

53 0.0 73.8 110.6#

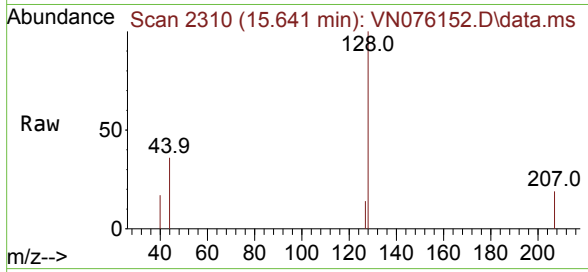
89 0.0 39.5 59.3#





#95
Naphthalene
Concen: 2.389 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN076152.D
Acq: 09 Jan 2023 13:40

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



Tgt Ion:	128	Resp:	2019
Ion	Ratio	Lower	Upper
128	100		
127	9.6	10.4	15.6#
129	0.0	8.7	13.1#

