

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031023\
 Data File : VN076935.D
 Acq On : 10 Mar 2023 19:38
 Operator : JC\MD
 Sample : 01871-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

Quant Time: Mar 13 01:23:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 13:47:39 2023
 Response via : Initial Calibration

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

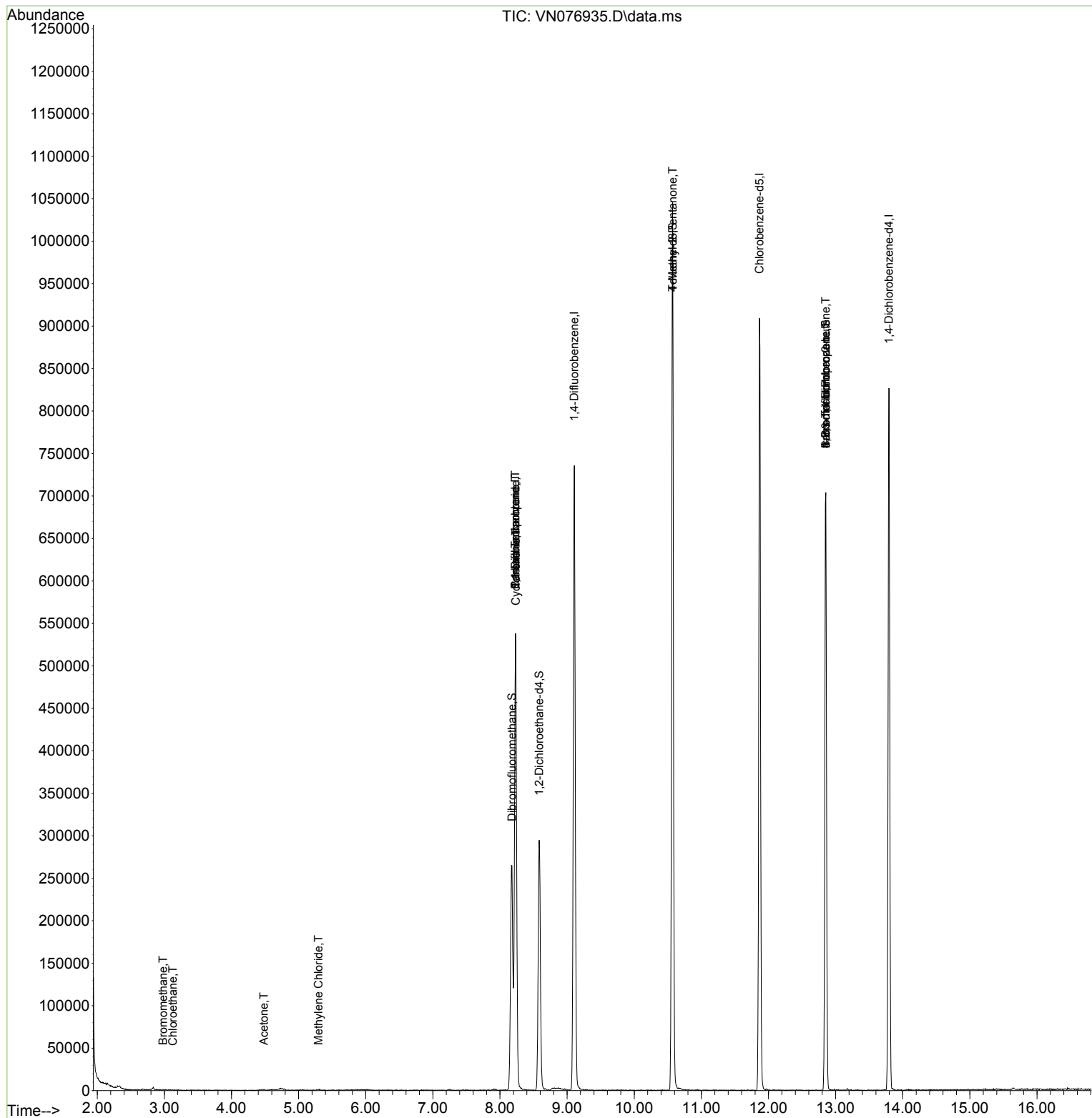
Internal Standards						
1) Pentafluorobenzene	8.230	168	370712	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	611185	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	523008	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	218138	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	264052	47.731	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.460%
35) Dibromofluoromethane	8.178	113	192873	47.350	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.700%
50) Toluene-d8	10.572	98	716976	47.759	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.520%
62) 4-Bromofluorobenzene	12.854	95	252596	46.002	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.000%
Target Compounds						
					Qvalue	
5) Bromomethane	2.978	94	570	0.231	ug/l #	60
6) Chloroethane	3.125	64	440	0.207	ug/l #	42
16) Acetone	4.484	43	1448	0.755	ug/l #	40
20) Methylene Chloride	5.295	84	998	0.202	ug/l #	49
31) Cyclohexane	8.236	56	8437	1.063	ug/l #	30
36) 1,1-Dichloropropene	8.230	75	32112	5.097	ug/l #	48
38) Carbon Tetrachloride	8.230	117	41908	5.684	ug/l #	16
51) 4-Methyl-2-Pentanone	10.572	43	3163	0.592	ug/l #	1
71) Bromoform	12.854	173	1187	0.359	ug/l #	1
76) 1,2,3-Trichloropropane	12.854	75	143265	27.089	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.854	75	143265	88.487	ug/l #	15

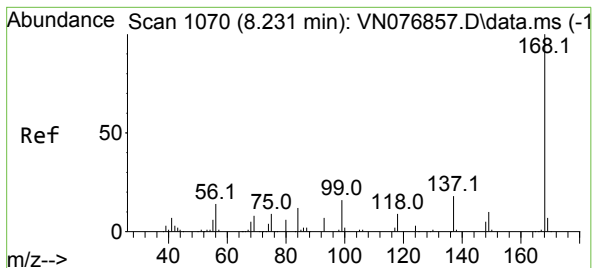
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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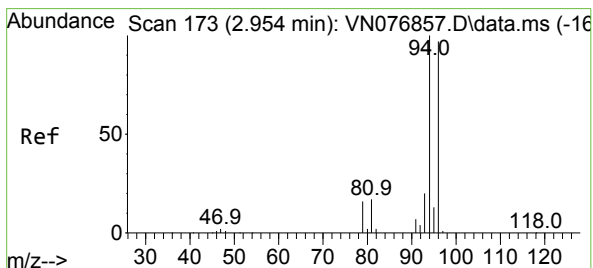
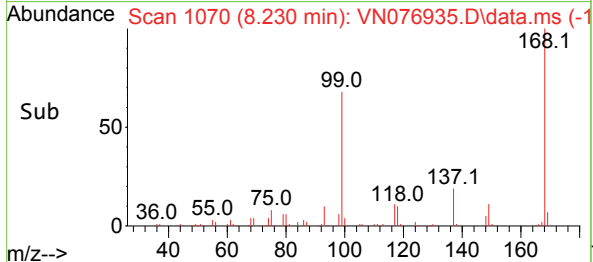
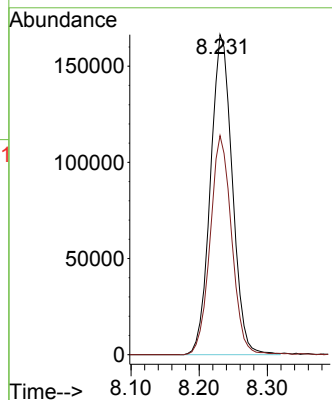
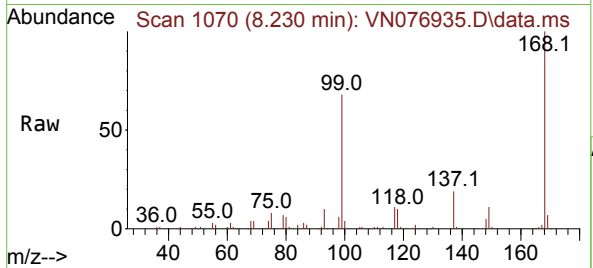




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VN076935.D
Acq: 10 Mar 2023 19:38

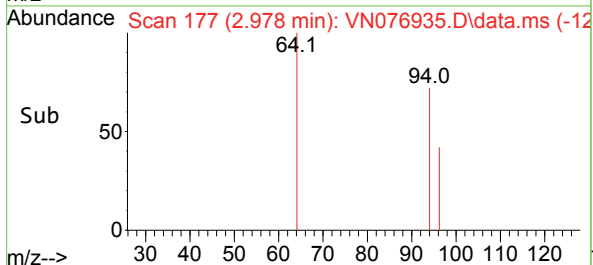
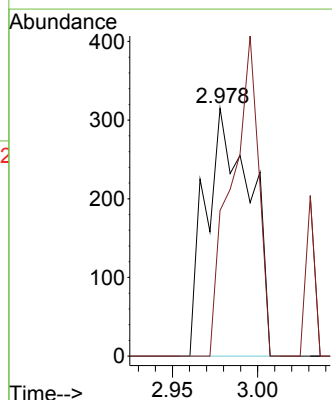
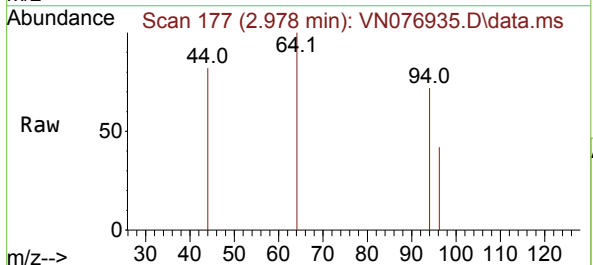
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

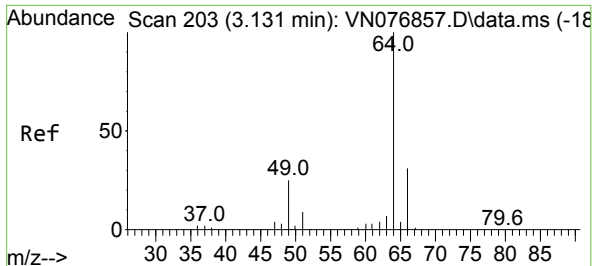
Tgt Ion:168 Resp: 370712
Ion Ratio Lower Upper
168 100
99 68.4 48.6 73.0



#5
Bromomethane
Concen: 0.231 ug/l
RT: 2.978 min Scan# 177
Delta R.T. 0.023 min
Lab File: VN076935.D
Acq: 10 Mar 2023 19:38

Tgt Ion: 94 Resp: 570
Ion Ratio Lower Upper
94 100
96 58.7 79.0 118.6#

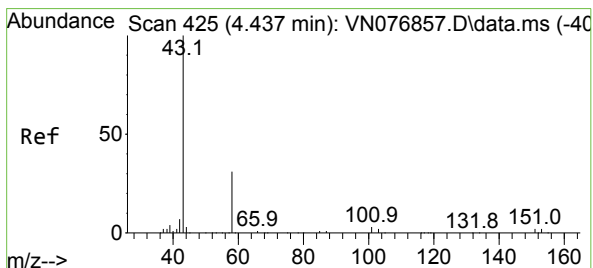
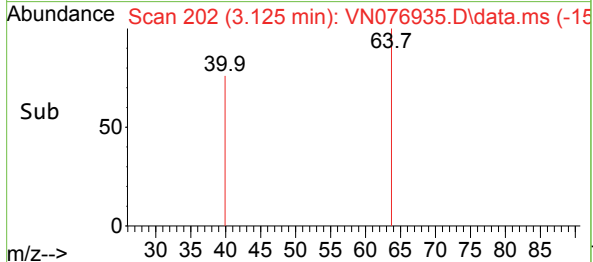
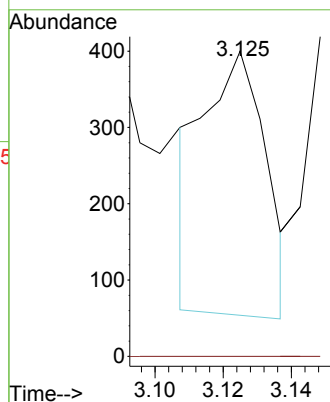
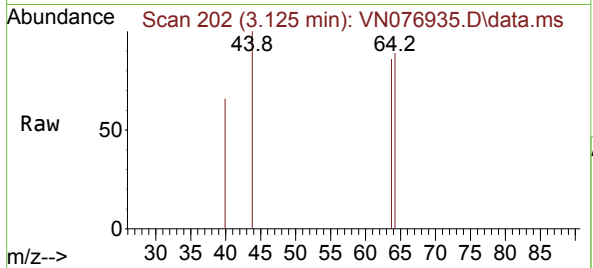




#6
Chloroethane
Concen: 0.207 ug/l
RT: 3.125 min Scan# 203
Delta R.T. -0.006 min
Lab File: VN076935.D
Acq: 10 Mar 2023 19:38

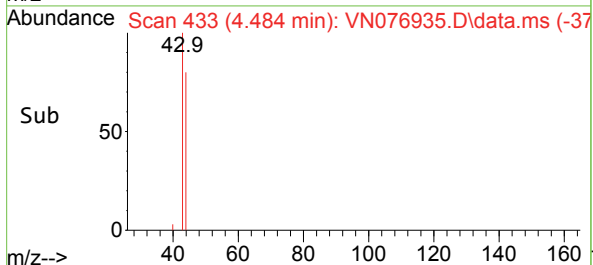
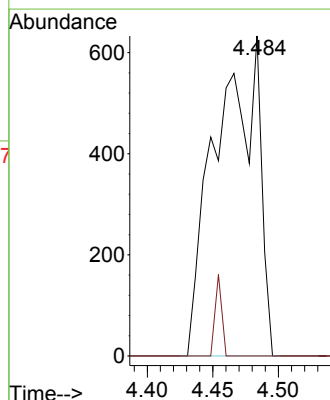
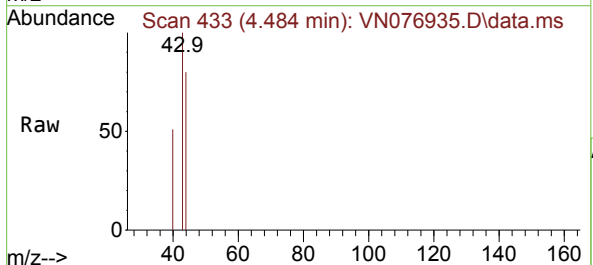
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

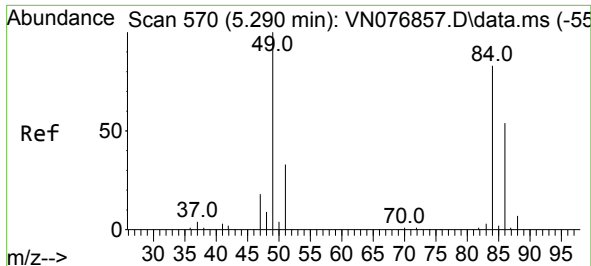
Tgt Ion: 64 Resp: 440
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#16
Acetone
Concen: 0.755 ug/l
RT: 4.484 min Scan# 433
Delta R.T. 0.047 min
Lab File: VN076935.D
Acq: 10 Mar 2023 19:38

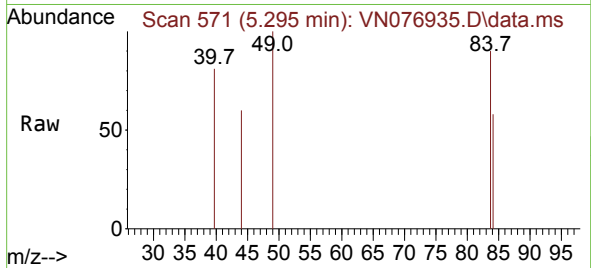
Tgt Ion: 43 Resp: 1448
Ion Ratio Lower Upper
43 100
58 0.0 28.2 42.2#



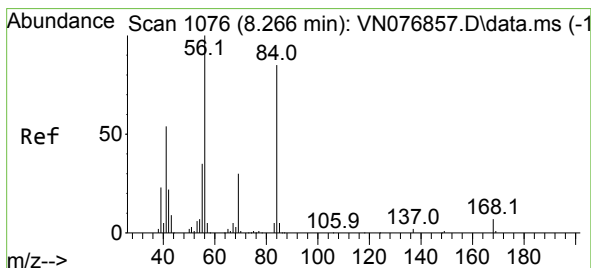
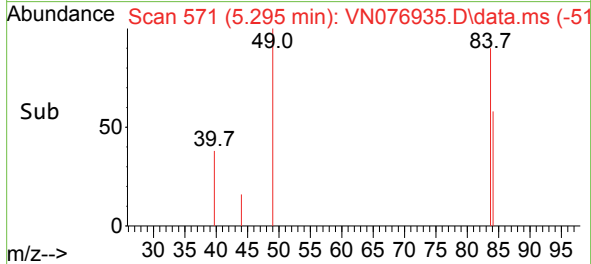
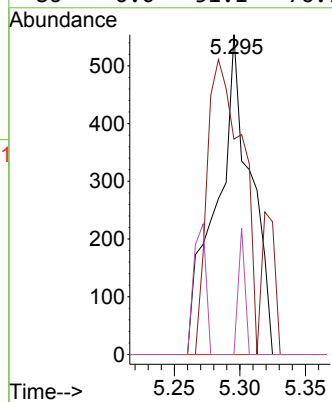


#20
Methylene Chloride
Concen: 0.202 ug/l
RT: 5.295 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN076935.D
Acq: 10 Mar 2023 19:38

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

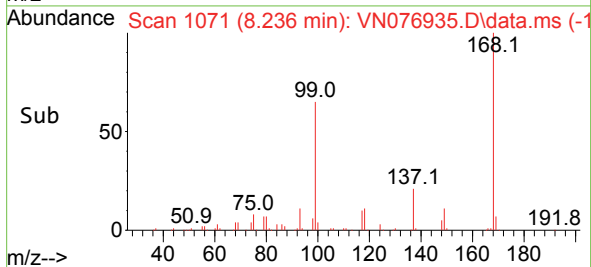
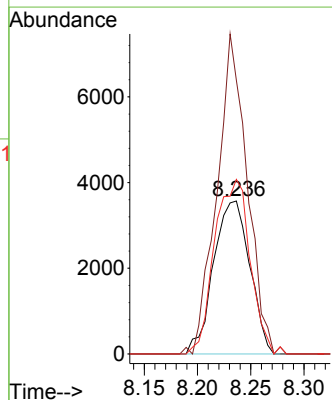
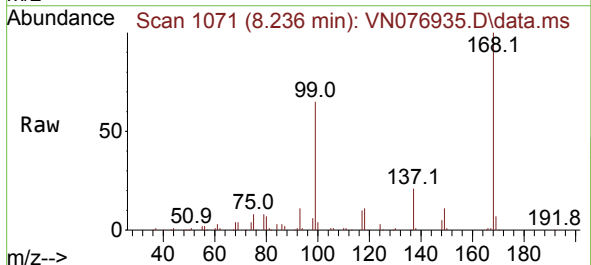


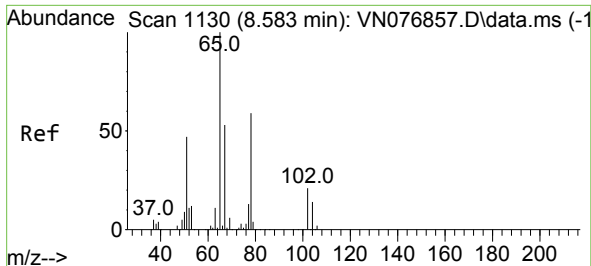
Tgt Ion: 84	Resp: 998
Ion Ratio	Lower Upper
84 100	
49 67.3	76.6 114.8#
51 0.0	25.4 38.2#
86 0.0	51.1 76.7#



#31
Cyclohexane
Concen: 1.063 ug/l
RT: 8.236 min Scan# 1071
Delta R.T. -0.030 min
Lab File: VN076935.D
Acq: 10 Mar 2023 19:38

Tgt Ion: 56	Resp: 8437
Ion Ratio	Lower Upper
56 100	
69 179.0	27.0 40.6#
84 114.1	82.9 124.3





#33

1,2-Dichloroethane-d4

Concen: 47.731 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN076935.D

Acq: 10 Mar 2023 19:38

Instrument :

MSVOA_N

ClientSampleId :

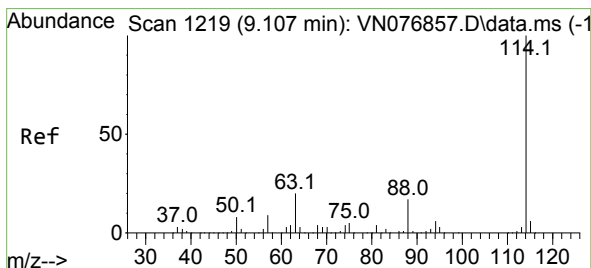
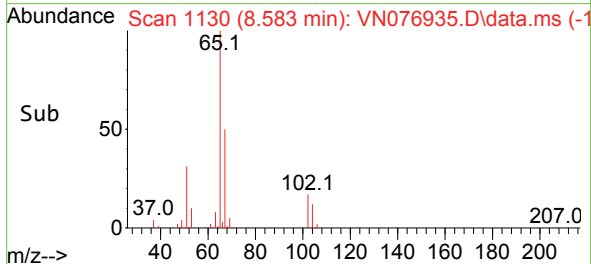
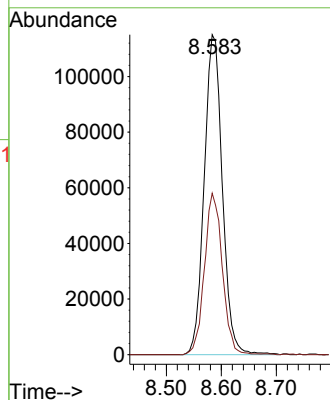
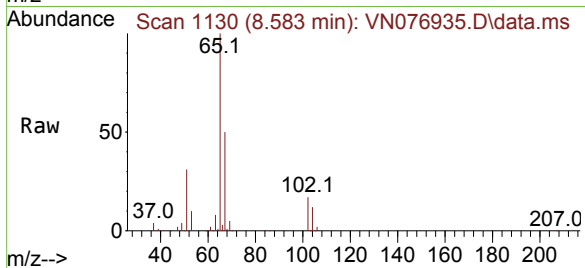
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 65 Resp: 264052

Ion Ratio Lower Upper

65 100

67 49.7 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN076935.D

Acq: 10 Mar 2023 19:38

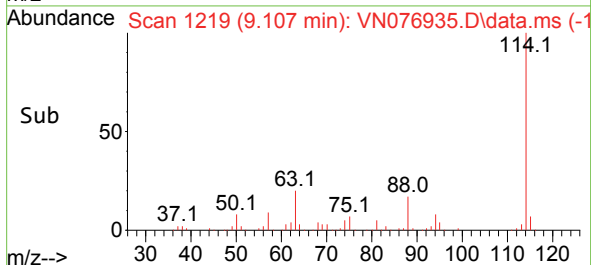
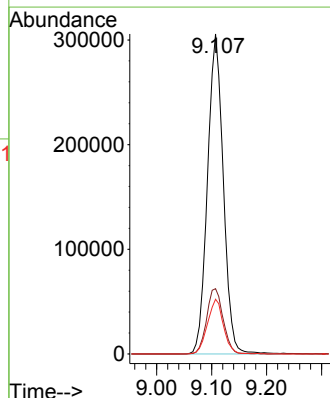
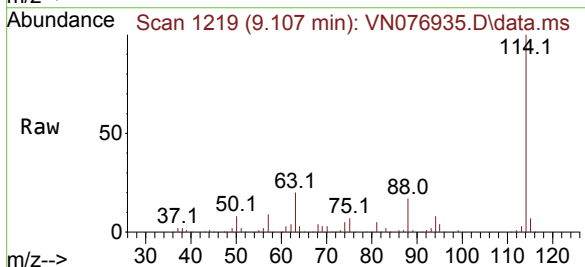
Tgt Ion: 114 Resp: 611185

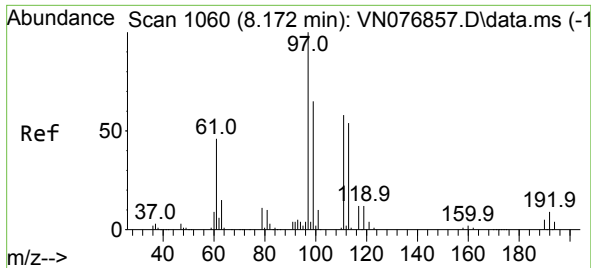
Ion Ratio Lower Upper

114 100

63 20.4 0.0 36.6

88 17.1 0.0 28.6

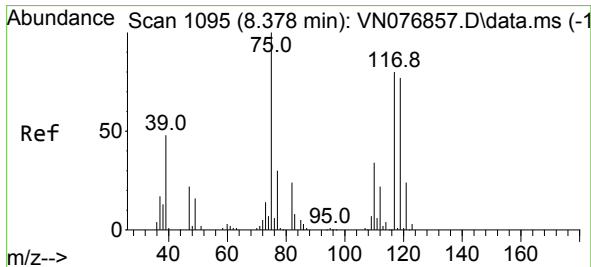
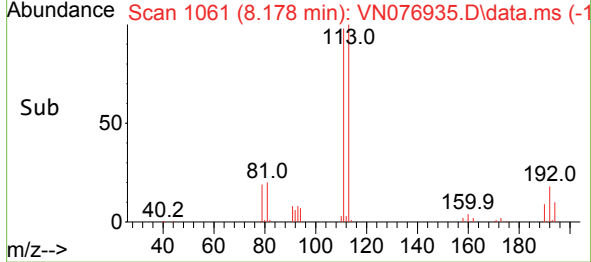
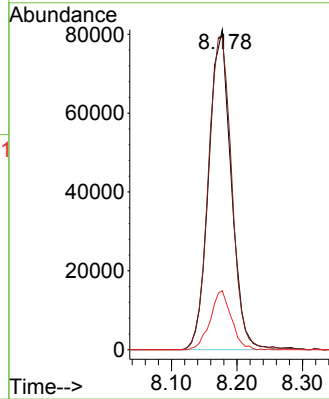
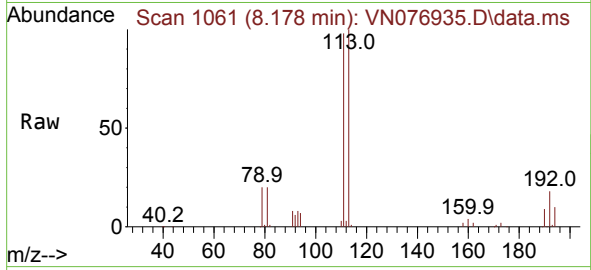




#35
Dibromofluoromethane
Concen: 47.350 ug/l
RT: 8.178 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN076935.D
Acq: 10 Mar 2023 19:38

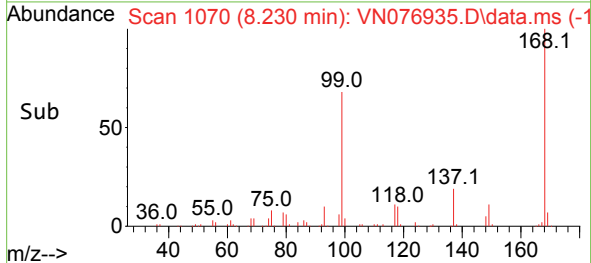
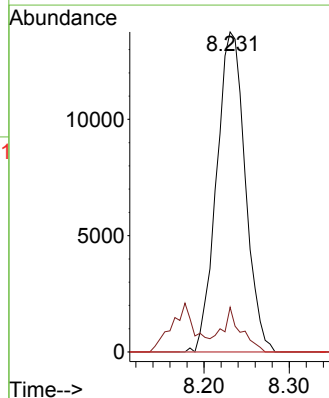
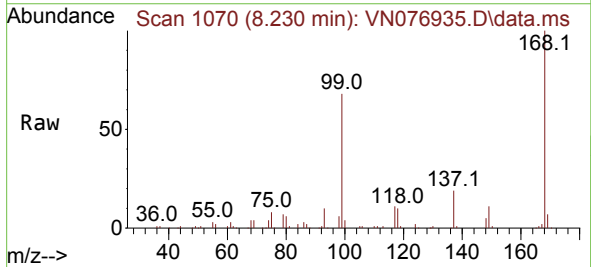
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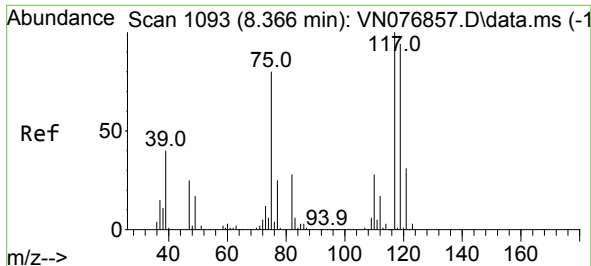
Tgt Ion:113 Resp: 192873
Ion Ratio Lower Upper
113 100
111 102.2 81.8 122.8
192 17.4 13.9 20.9



#36
1,1-Dichloropropene
Concen: 5.097 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.147 min
Lab File: VN076935.D
Acq: 10 Mar 2023 19:38

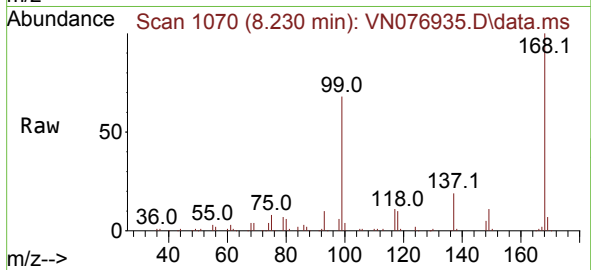
Tgt Ion: 75 Resp: 32112
Ion Ratio Lower Upper
75 100
110 9.2 18.9 56.9#
77 0.0 24.9 37.3#



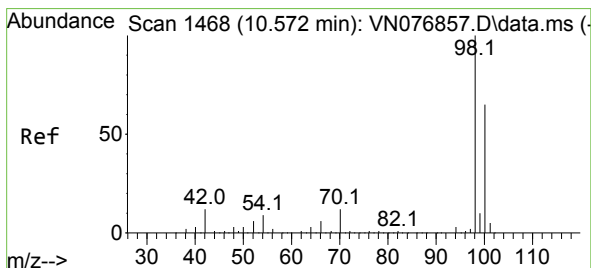
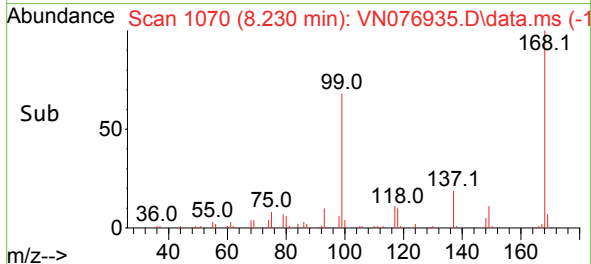
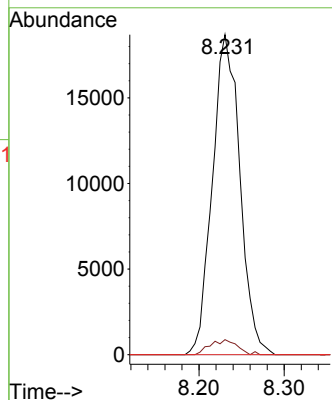


#38
Carbon Tetrachloride
Concen: 5.684 ug/l
RT: 8.230 min Scan# 1093
Delta R.T. -0.141 min
Lab File: VN076935.D
Acq: 10 Mar 2023 19:38

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

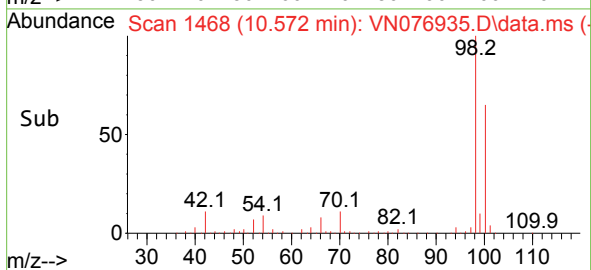
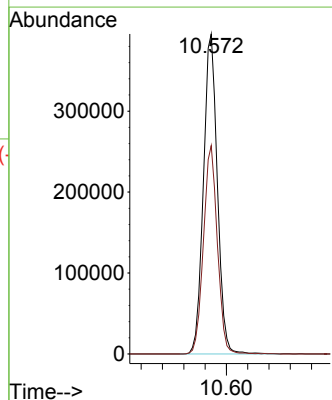
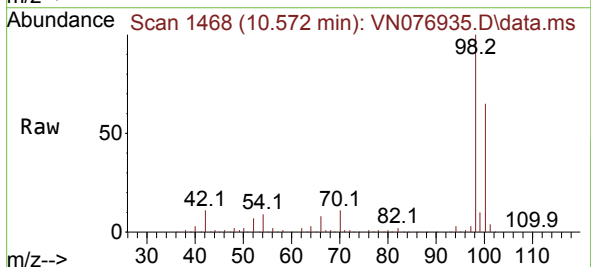


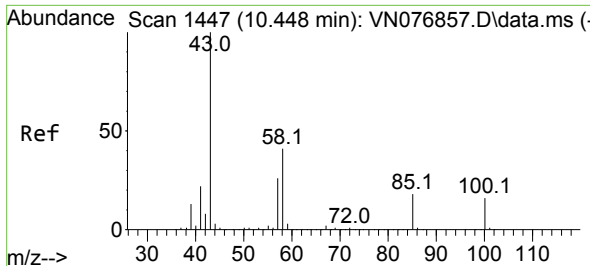
Tgt Ion:117 Resp: 41908
Ion Ratio Lower Upper
117 100
119 4.7 76.9 115.3#
121 0.0 23.2 34.8#



#50
Toluene-d8
Concen: 47.759 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN076935.D
Acq: 10 Mar 2023 19:38

Tgt Ion: 98 Resp: 716976
Ion Ratio Lower Upper
98 100
100 65.0 52.8 79.2





#51

4-Methyl-2-Pentanone

Concen: 0.592 ug/l

RT: 10.572 min Scan# 1447

Delta R.T. 0.123 min

Lab File: VN076935.D

Acq: 10 Mar 2023 19:38

Instrument :

MSVOA_N

ClientSampleId :

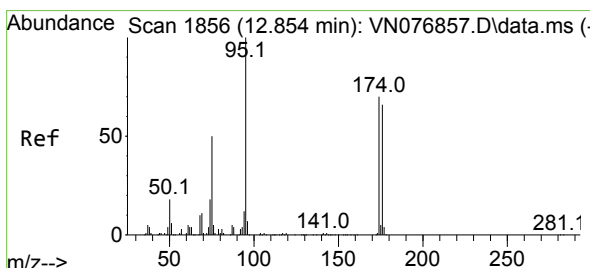
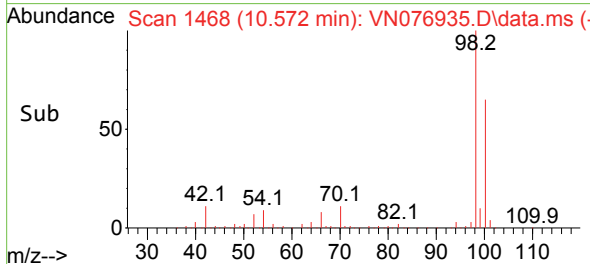
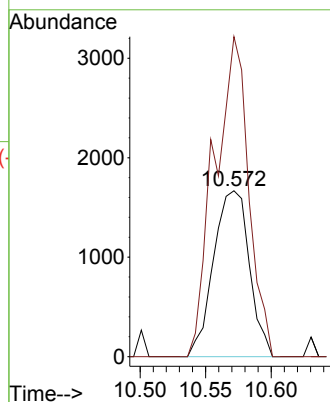
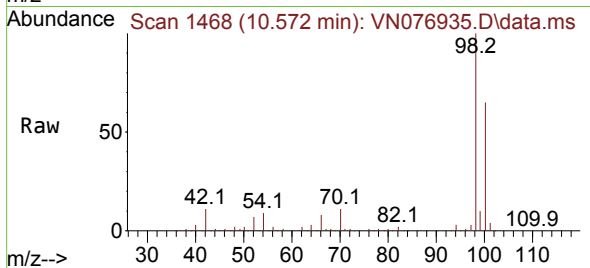
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 43 Resp: 3163

Ion Ratio Lower Upper

43 100

58 185.0 37.4 56.0#



#62

4-Bromofluorobenzene

Concen: 46.002 ug/l

RT: 12.854 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VN076935.D

Acq: 10 Mar 2023 19:38

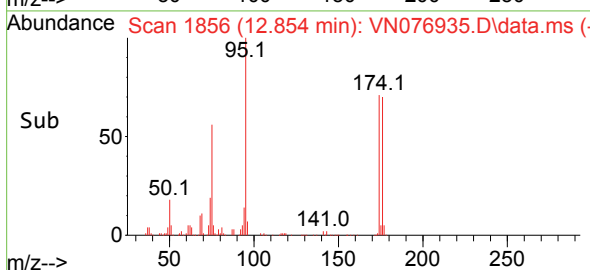
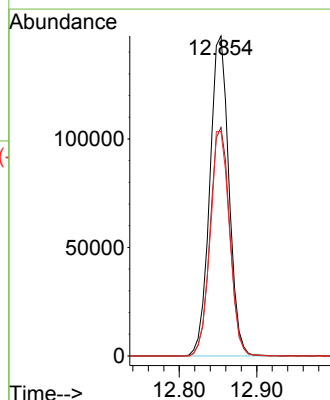
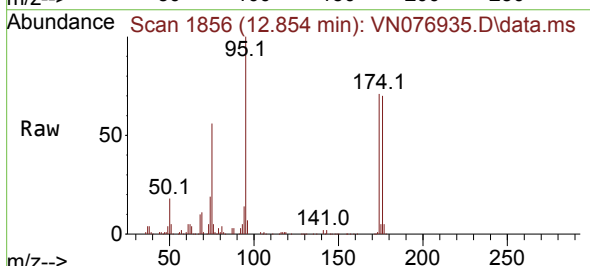
Tgt Ion: 95 Resp: 252596

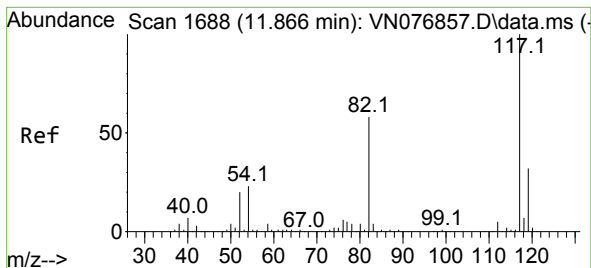
Ion Ratio Lower Upper

95 100

174 72.9 0.0 162.4

176 71.3 0.0 157.4

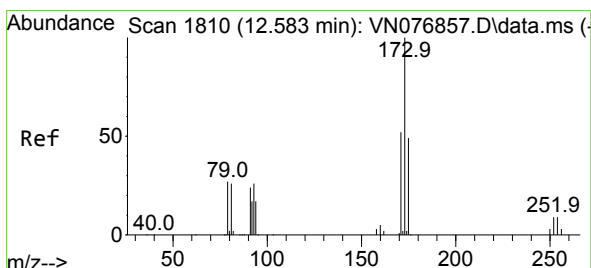
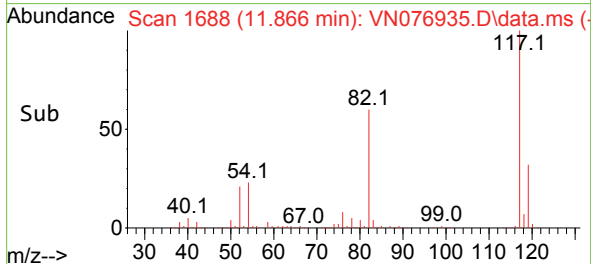
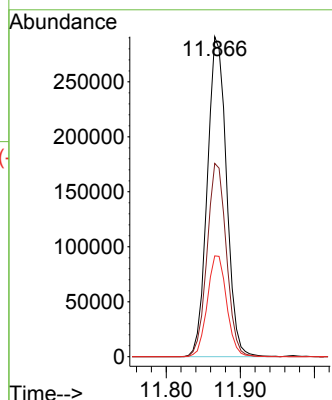
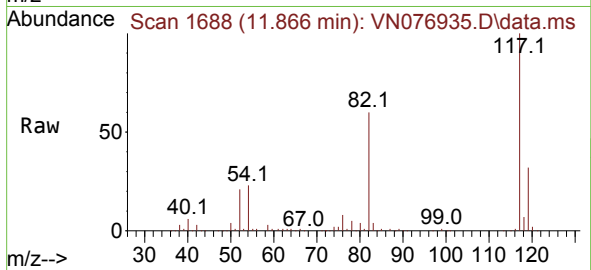




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076935.D
Acq: 10 Mar 2023 19:38

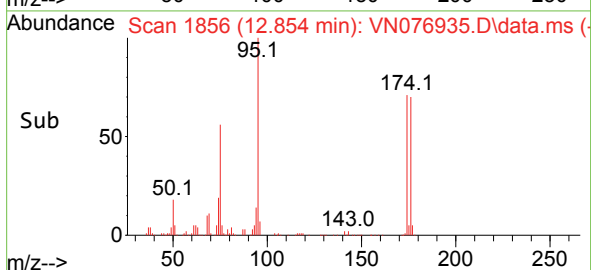
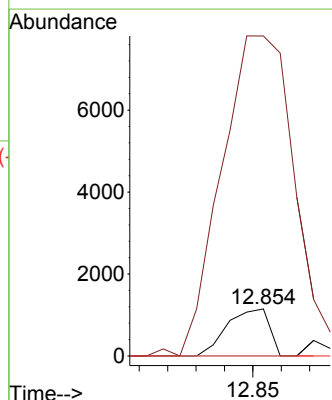
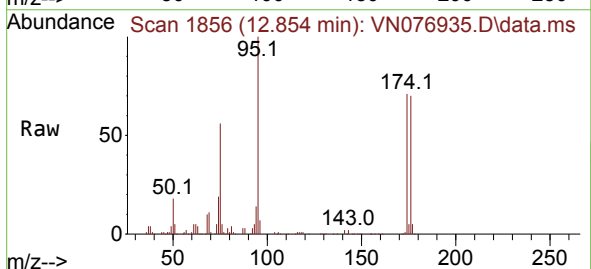
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

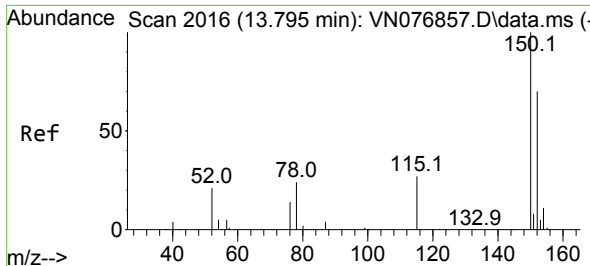
Tgt Ion:117 Resp: 523008
Ion Ratio Lower Upper
117 100
82 60.4 43.5 65.3
119 31.5 25.5 38.3



#71
Bromoform
Concen: 0.359 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.270 min
Lab File: VN076935.D
Acq: 10 Mar 2023 19:38

Tgt Ion:173 Resp: 1187
Ion Ratio Lower Upper
173 100
175 997.1 24.9 74.6#
254 0.0 0.0 0.0

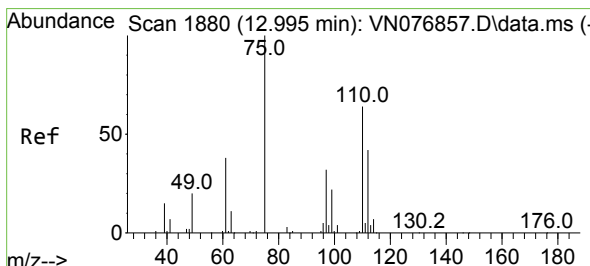
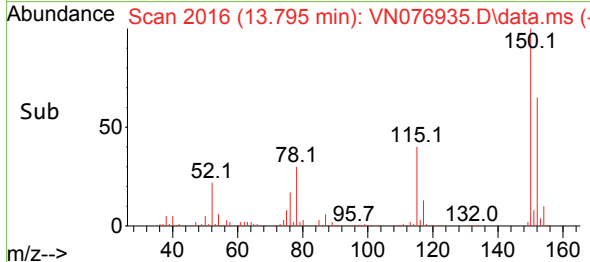
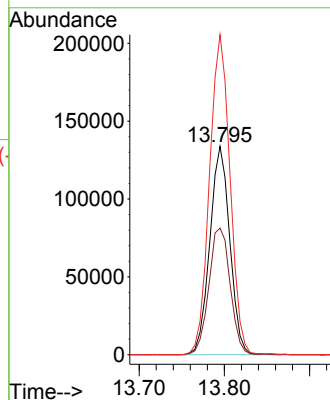
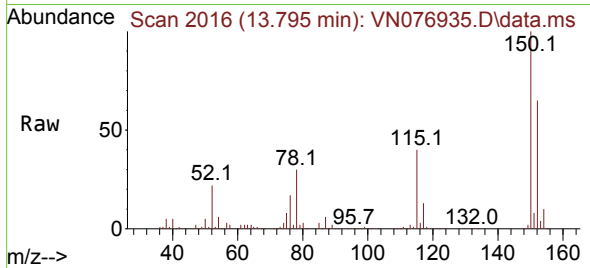




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.795 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN076935.D
 Acq: 10 Mar 2023 19:38

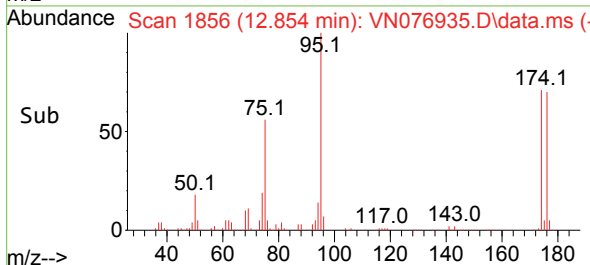
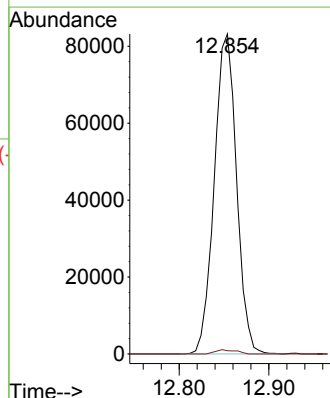
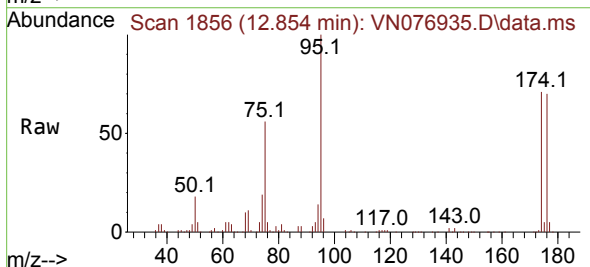
Instrument : MSVOA_N
 ClientSampleId : STORAGE-BLANK-SAMPLE-MANAG

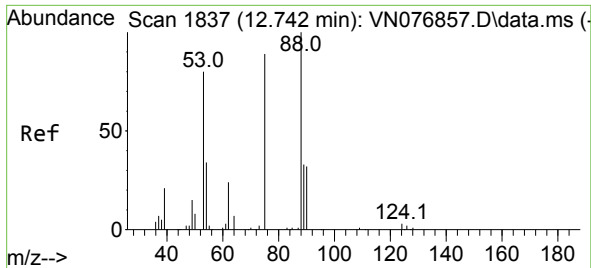
Tgt Ion:152 Resp: 218138
 Ion Ratio Lower Upper
 152 100
 115 64.8 30.3 90.9
 150 157.1 0.0 353.6



#76
 1,2,3-Trichloropropane
 Concen: 27.089 ug/l
 RT: 12.854 min Scan# 1856
 Delta R.T. -0.141 min
 Lab File: VN076935.D
 Acq: 10 Mar 2023 19:38

Tgt Ion: 75 Resp: 143265
 Ion Ratio Lower Upper
 75 100
 77 1.2 93.8 281.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.487 ug/l
 RT: 12.854 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN076935.D
 Acq: 10 Mar 2023 19:38

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 75 Resp: 143265
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.4 101.0#
 89 0.0 39.5 59.3#

