

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081222\
 Data File : VN073851.D
 Acq On : 12 Aug 2022 14:59
 Operator : JC\MD
 Sample : N4194-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Aug 13 05:03:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 05:09:32 2022
 Response via : Initial Calibration

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

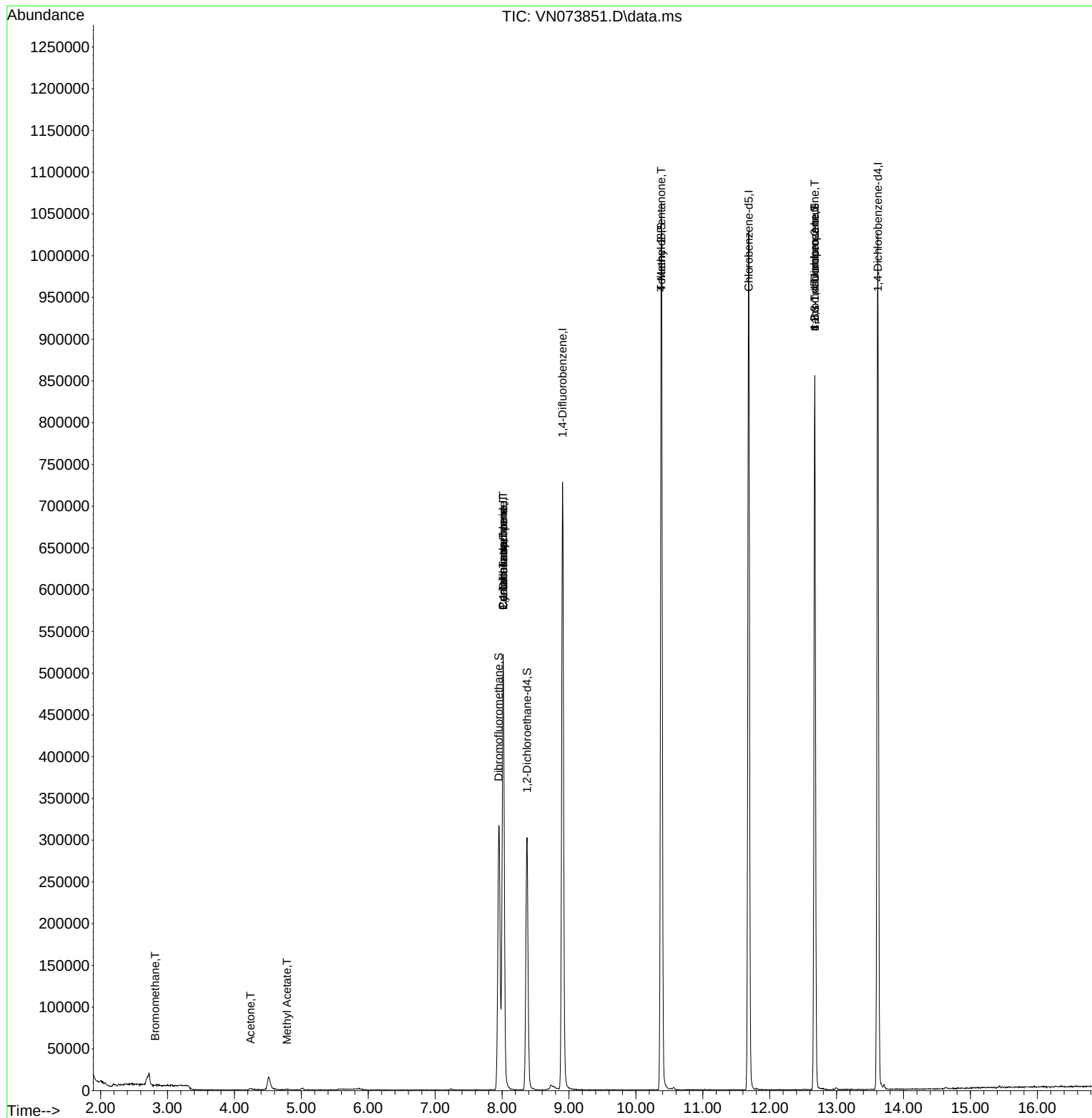
Internal Standards						
1) Pentafluorobenzene	8.016	168	423745	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	663743	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	628132	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	295856	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	253170	49.026	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.060%		
35) Dibromofluoromethane	7.951	113	235487	56.500	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	113.000%		
50) Toluene-d8	10.380	98	756706	46.137	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.280%		
62) 4-Bromofluorobenzene	12.674	95	273862	47.699	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.400%		
Target Compounds						Qvalue
3) Chloromethane	2.263	50	1434	Below Cal		90
5) Bromomethane	2.816	94	1292	0.310 ug/l #		55
6) Chloroethane	2.957	64	595	Below Cal #		42
16) Acetone	4.240	43	3879	1.399 ug/l		95
18) Methyl Acetate	4.787	43	2539	0.368 ug/l #		77
20) Methylene Chloride	5.004	84	1149	Below Cal #		76
31) Cyclohexane	8.016	56	7475	0.972 ug/l #		1
36) 1,1-Dichloropropene	8.016	75	30141	5.074 ug/l #		49
38) Carbon Tetrachloride	8.016	117	37979	6.295 ug/l #		17
51) 4-Methyl-2-Pentanone	10.380	43	3195	0.422 ug/l #		1
76) 1,2,3-Trichloropropane	12.674	75	142113	24.582 ug/l #		1
81) trans-1,4-Dichloro-2-b...	12.674	75	142113	62.249 ug/l #		11

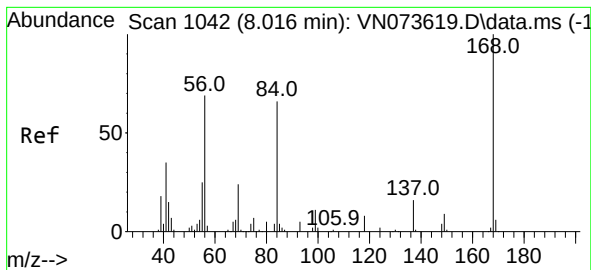
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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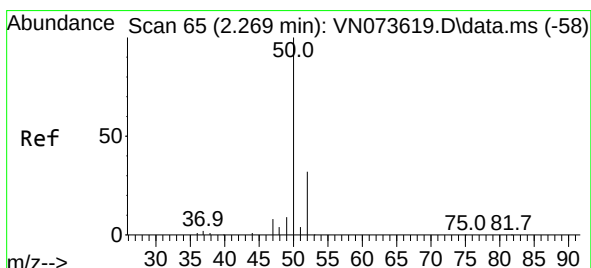
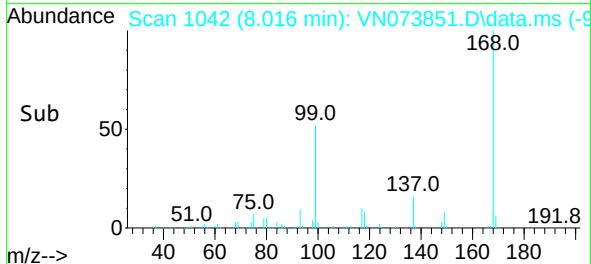
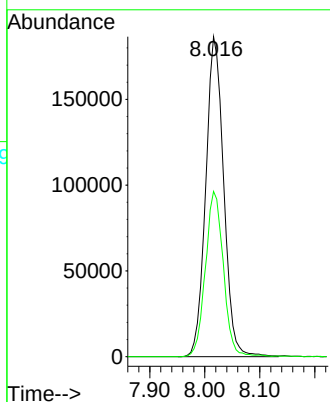
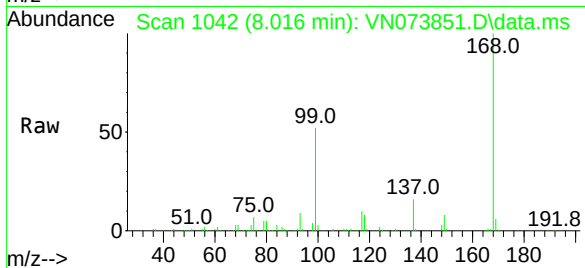




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073851.D
Acq: 12 Aug 2022 14:59

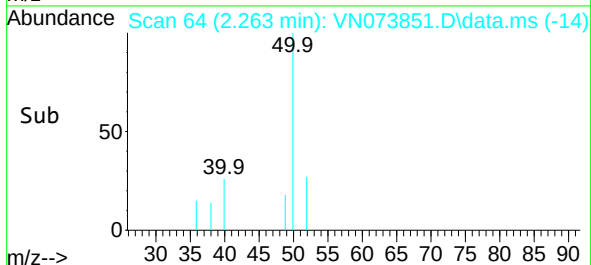
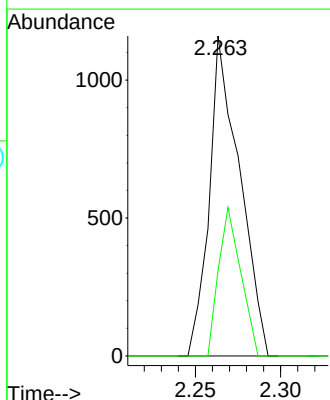
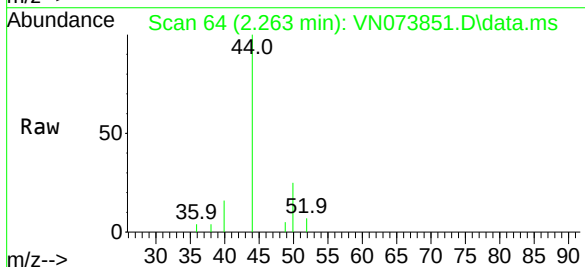
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

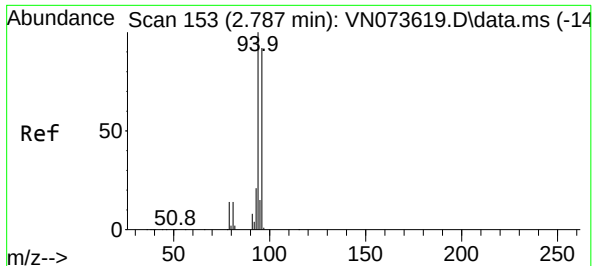
Tgt Ion:168 Resp: 423745
Ion Ratio Lower Upper
168 100
99 51.7 42.3 63.5



#3
Chloromethane
Concen: Below Cal
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN073851.D
Acq: 12 Aug 2022 14:59

Tgt Ion: 50 Resp: 1434
Ion Ratio Lower Upper
50 100
52 26.7 25.7 38.5

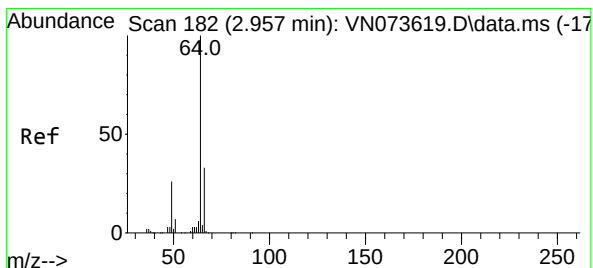
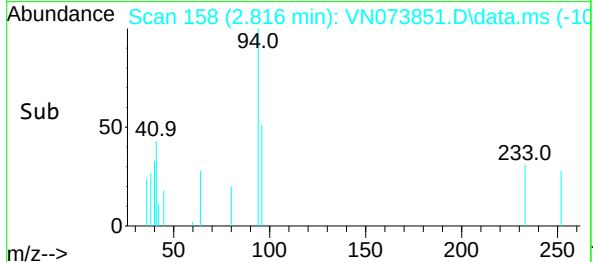
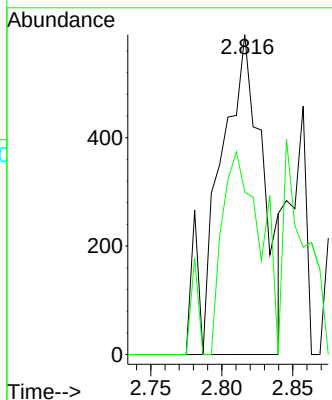
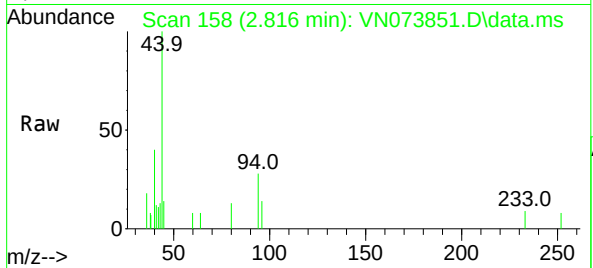




#5
Bromomethane
Concen: 0.310 ug/l
RT: 2.816 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN073851.D
Acq: 12 Aug 2022 14:59

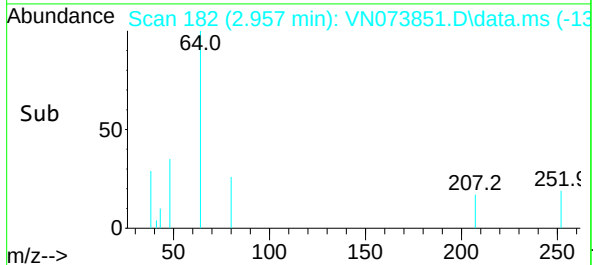
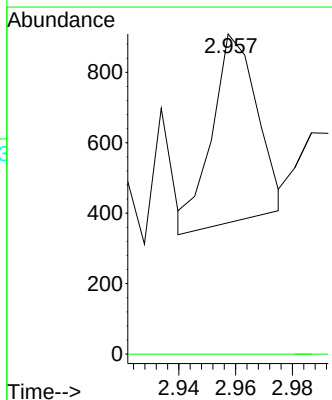
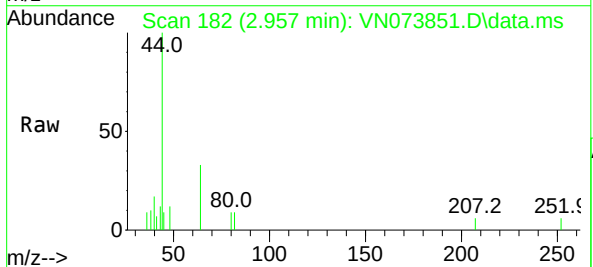
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

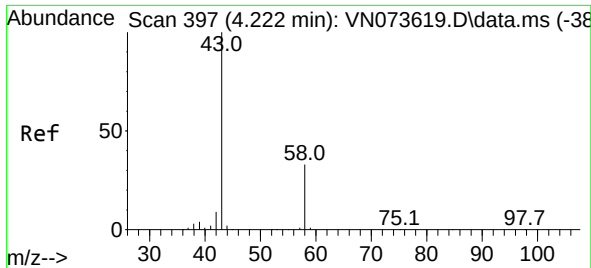
Tgt Ion: 94 Resp: 1292
Ion Ratio Lower Upper
94 100
96 50.8 76.0 114.0#



#6
Chloroethane
Concen: Below Cal
RT: 2.957 min Scan# 182
Delta R.T. 0.000 min
Lab File: VN073851.D
Acq: 12 Aug 2022 14:59

Tgt Ion: 64 Resp: 595
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#





#16

Acetone

Concen: 1.399 ug/l

RT: 4.240 min Scan# 40

Delta R.T. 0.018 min

Lab File: VN073851.D

Acq: 12 Aug 2022 14:59

Instrument :

MSVOA_N

ClientSampleId :

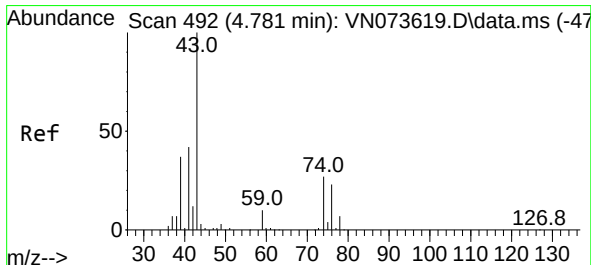
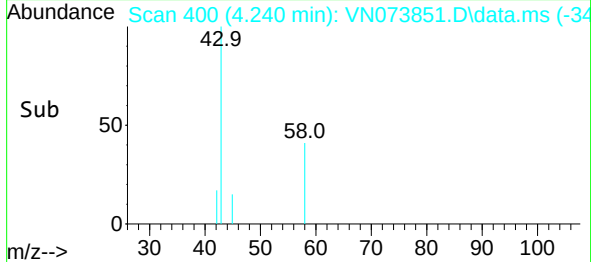
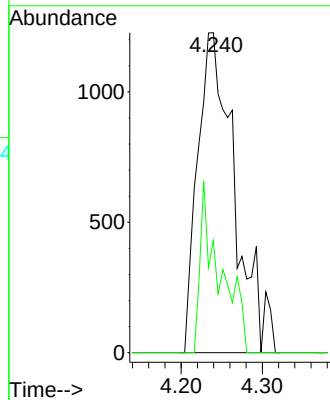
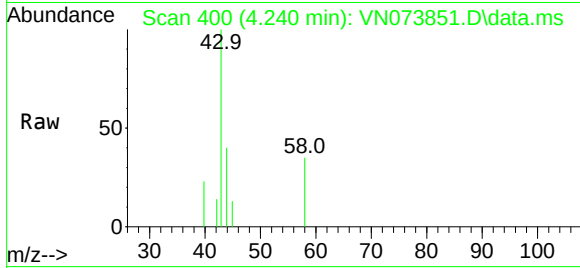
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 43 Resp: 3879

Ion Ratio Lower Upper

43 100

58 35.0 26.0 39.0



#18

Methyl Acetate

Concen: 0.368 ug/l

RT: 4.787 min Scan# 493

Delta R.T. 0.006 min

Lab File: VN073851.D

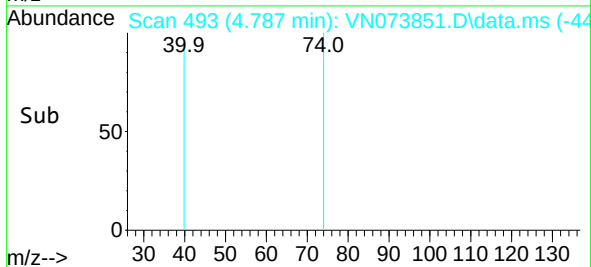
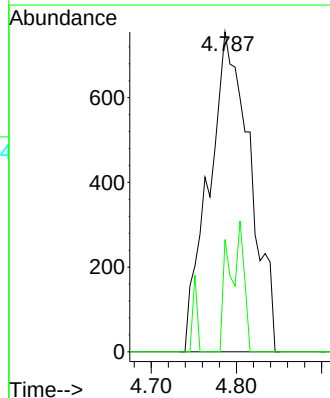
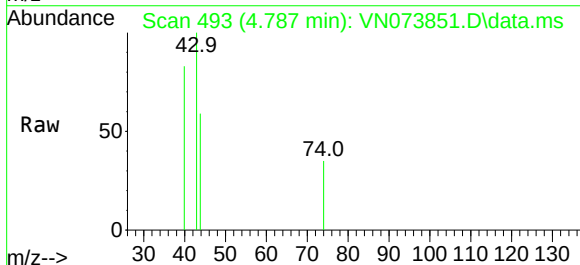
Acq: 12 Aug 2022 14:59

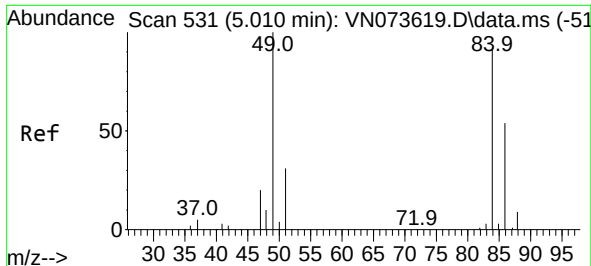
Tgt Ion: 43 Resp: 2539

Ion Ratio Lower Upper

43 100

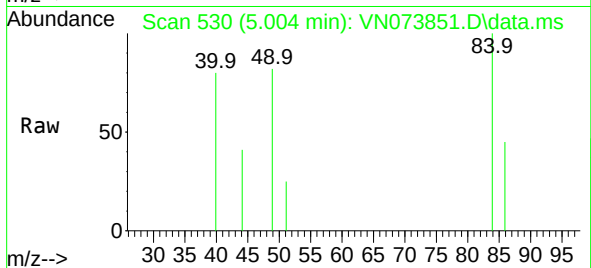
74 14.9 21.6 32.4#





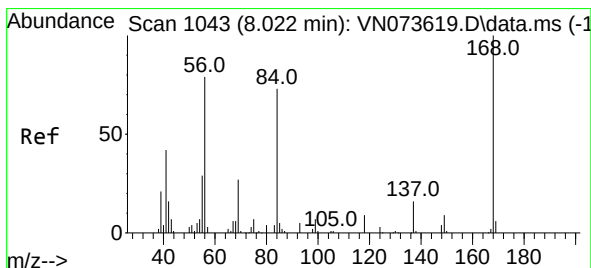
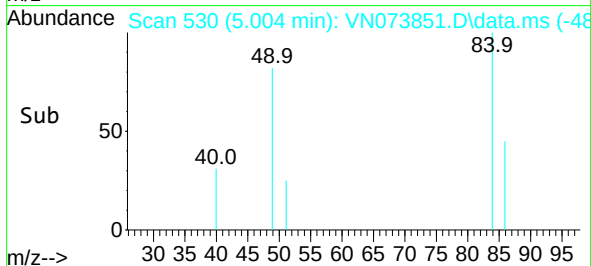
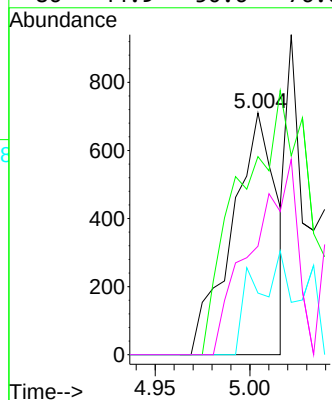
#20
Methylene Chloride
Concen: Below Cal
RT: 5.004 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN073851.D
Acq: 12 Aug 2022 14:59

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4



Tgt Ion: 84 Resp: 1149

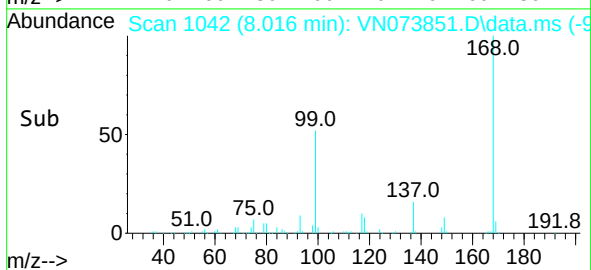
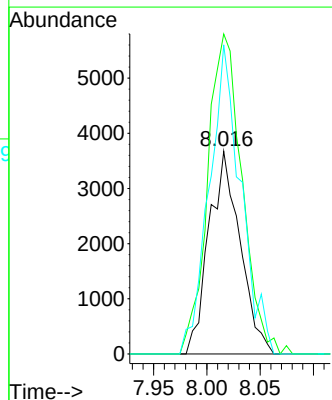
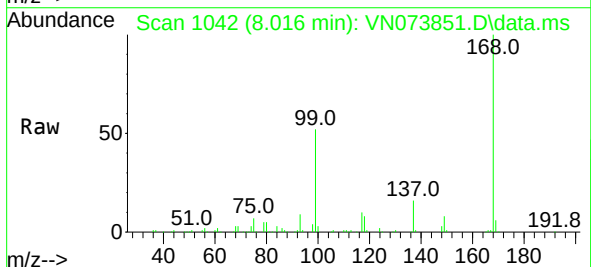
Ion	Ratio	Lower	Upper
84	100		
49	82.0	88.3	132.5#
51	25.5	28.2	42.2#
86	44.9	50.6	76.0#

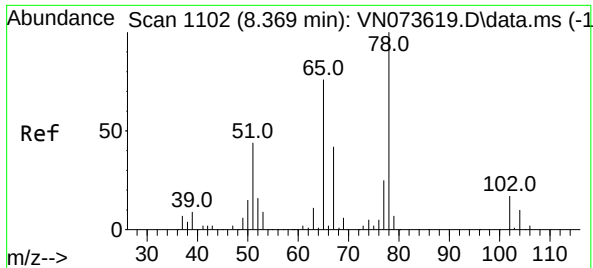


#31
Cyclohexane
Concen: 0.972 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073851.D
Acq: 12 Aug 2022 14:59

Tgt Ion: 56 Resp: 7475

Ion	Ratio	Lower	Upper
56	100		
69	157.8	27.8	41.8#
84	152.4	76.9	115.3#





#33

1,2-Dichloroethane-d4

Concen: 49.026 ug/l

RT: 8.375 min Scan# 1102

Delta R.T. 0.006 min

Lab File: VN073851.D

Acq: 12 Aug 2022 14:59

Instrument :

MSVOA_N

ClientSampleId :

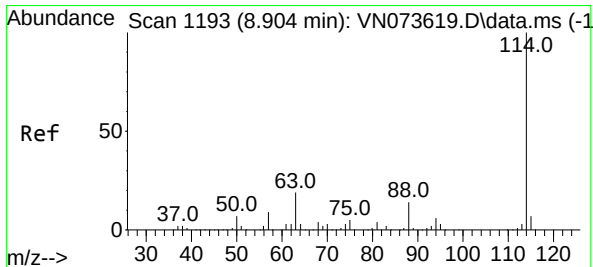
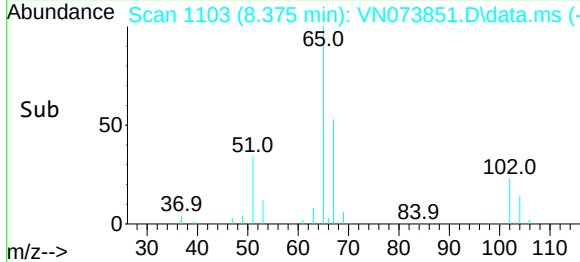
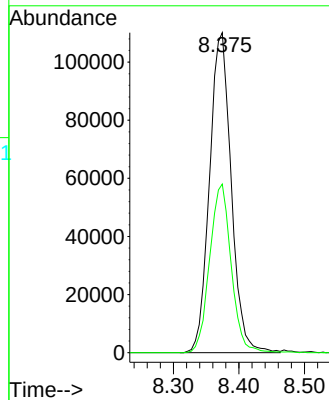
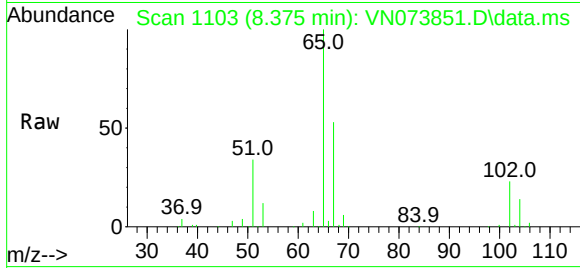
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 65 Resp: 253170

Ion Ratio Lower Upper

65 100

67 52.3 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN073851.D

Acq: 12 Aug 2022 14:59

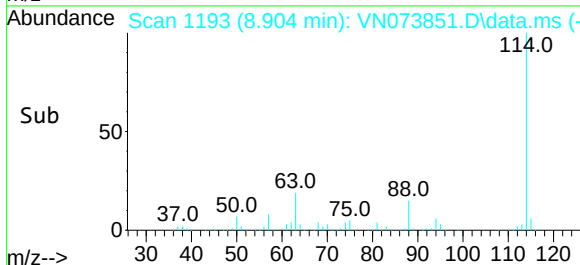
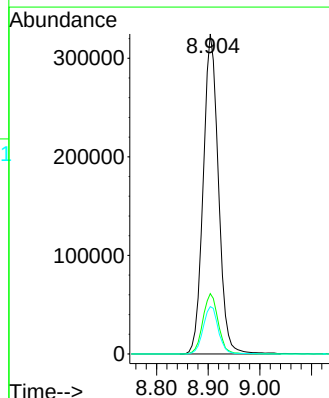
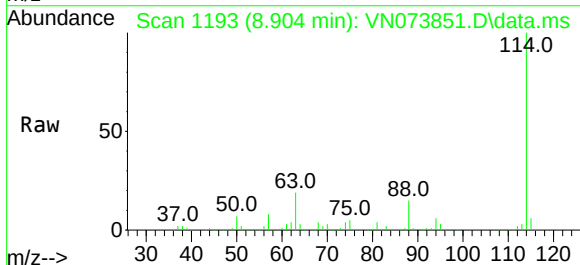
Tgt Ion: 114 Resp: 663743

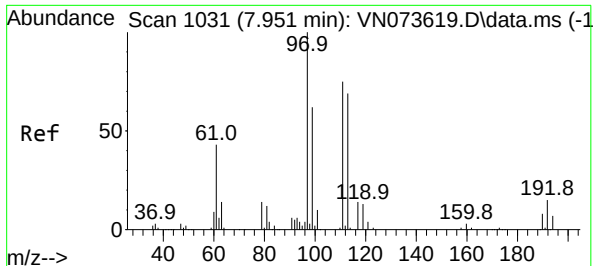
Ion Ratio Lower Upper

114 100

63 18.8 0.0 40.0

88 14.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 56.500 ug/l

RT: 7.951 min Scan# 1042

Delta R.T. -0.000 min

Lab File: VN073851.D

Acq: 12 Aug 2022 14:59

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

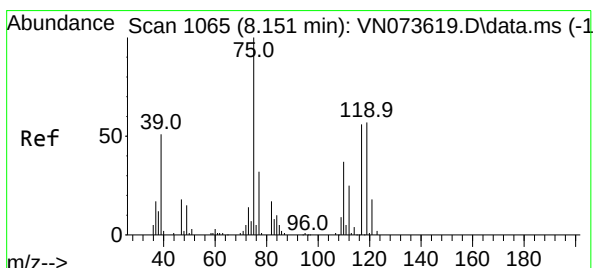
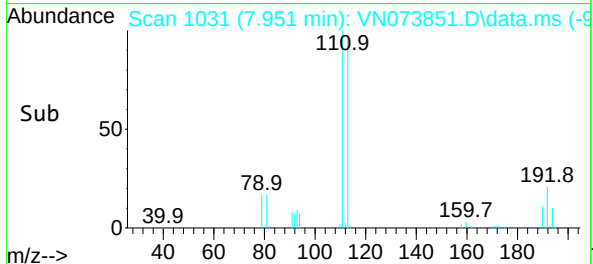
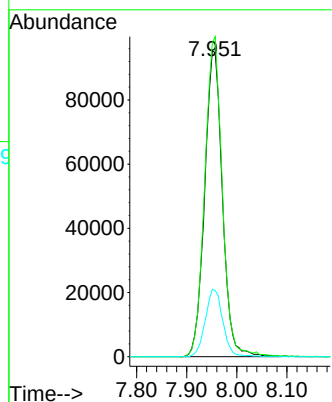
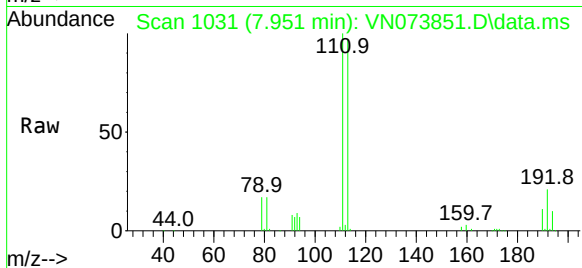
Tgt Ion:113 Resp: 235487

Ion Ratio Lower Upper

113 100

111 103.7 81.4 122.0

192 21.7 17.0 25.6



#36

1,1-Dichloropropene

Concen: 5.074 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.135 min

Lab File: VN073851.D

Acq: 12 Aug 2022 14:59

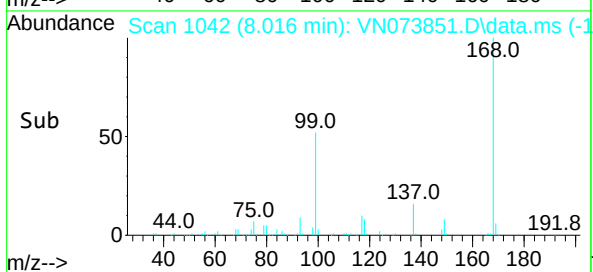
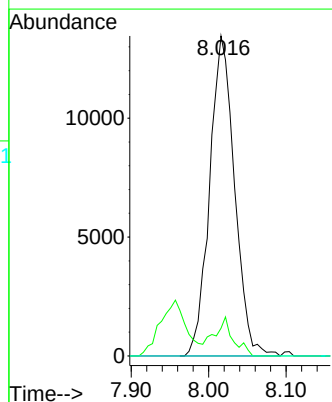
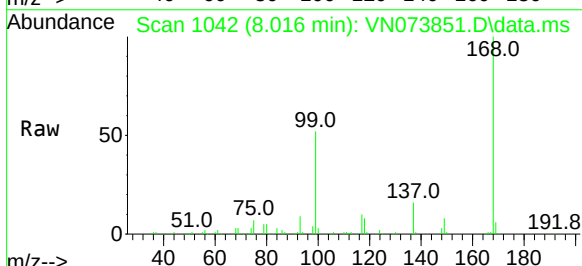
Tgt Ion: 75 Resp: 30141

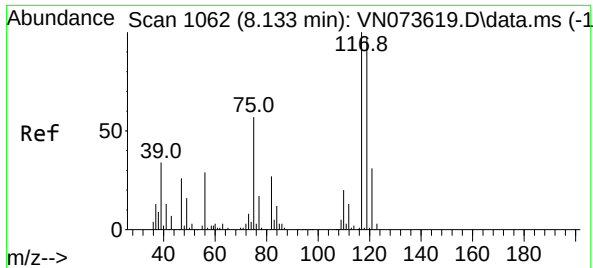
Ion Ratio Lower Upper

75 100

110 9.3 18.3 54.8#

77 0.0 25.1 37.7#

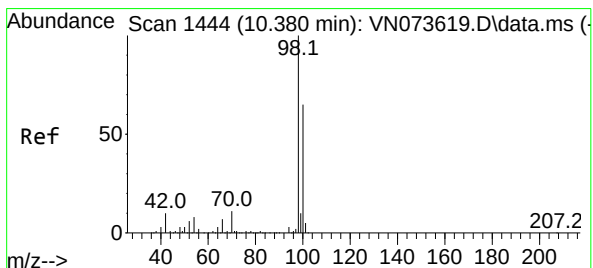
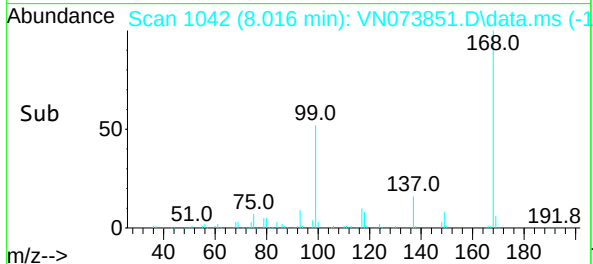
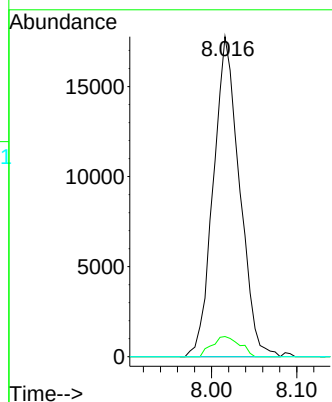
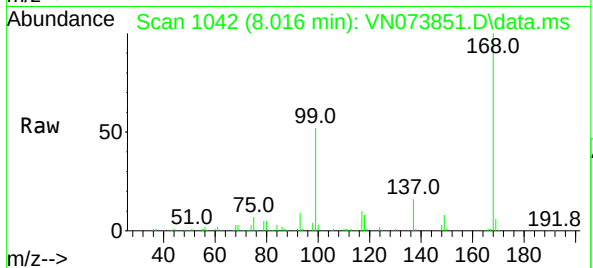




#38
Carbon Tetrachloride
Concen: 6.295 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.118 min
Lab File: VN073851.D
Acq: 12 Aug 2022 14:59

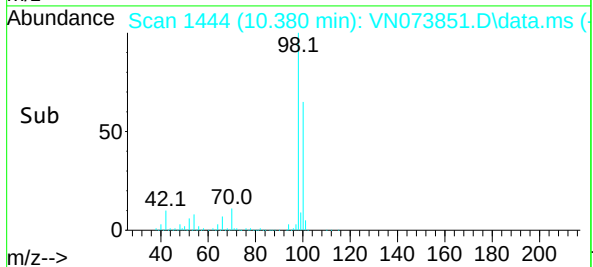
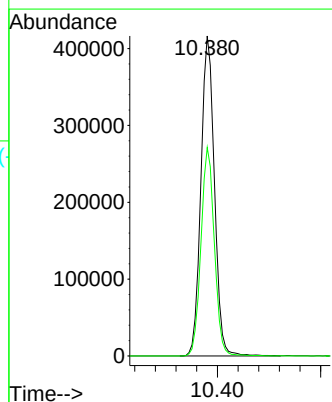
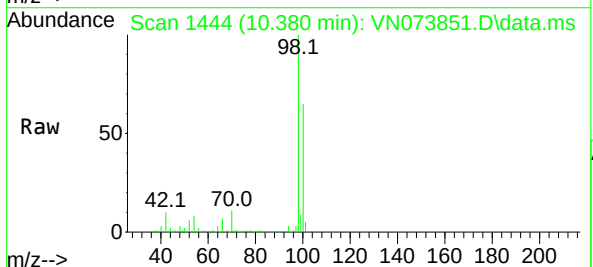
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

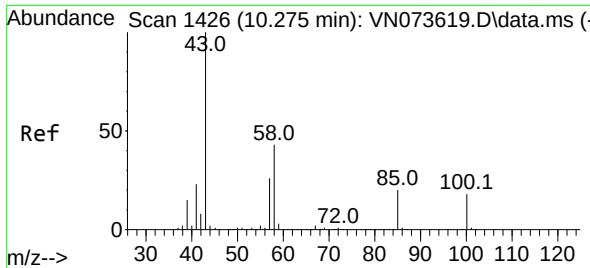
Tgt Ion:117 Resp: 37979
Ion Ratio Lower Upper
117 100
119 6.3 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 46.137 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN073851.D
Acq: 12 Aug 2022 14:59

Tgt Ion: 98 Resp: 756706
Ion Ratio Lower Upper
98 100
100 64.5 52.6 78.8

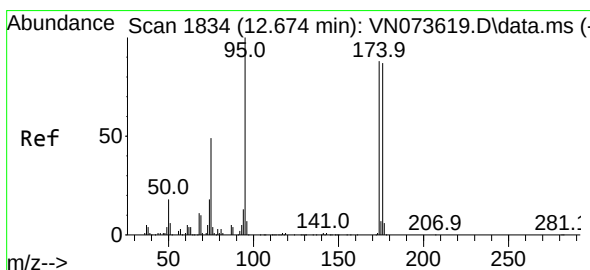
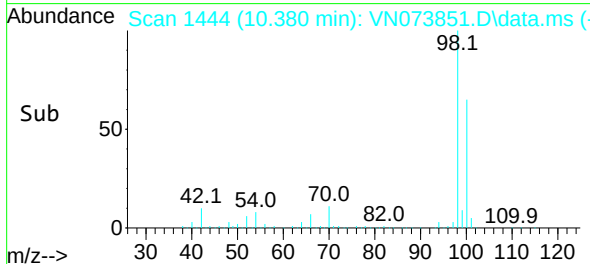
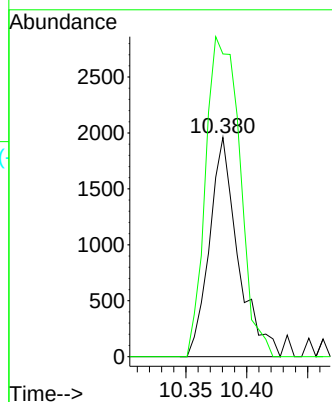
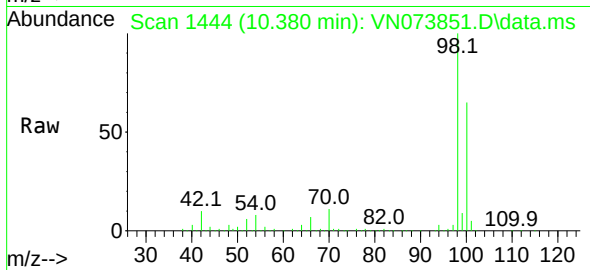




#51
4-Methyl-2-Pentanone
Concen: 0.422 ug/l
RT: 10.380 min Scan# 1426
Delta R.T. 0.105 min
Lab File: VN073851.D
Acq: 12 Aug 2022 14:59

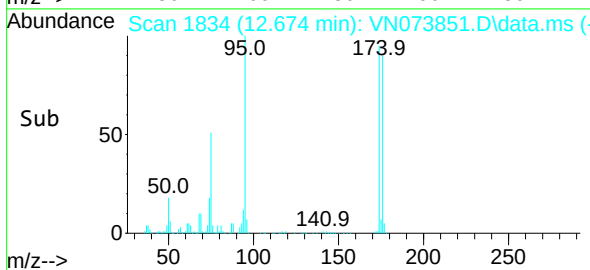
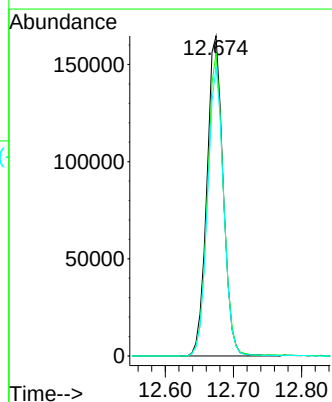
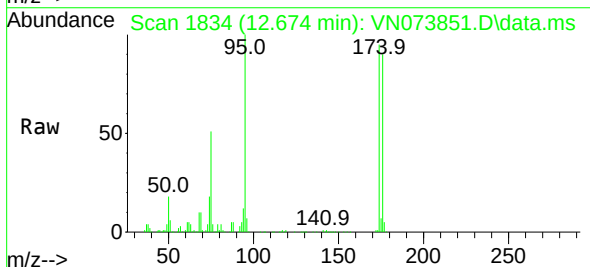
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

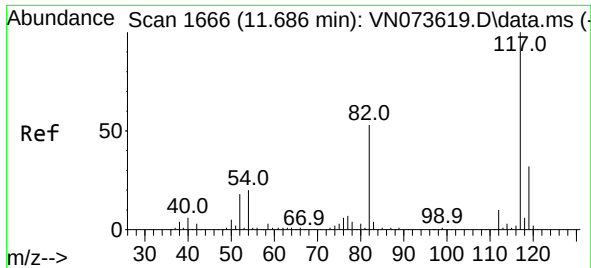
Tgt Ion: 43 Resp: 3195
Ion Ratio Lower Upper
43 100
58 174.6 34.1 51.1#



#62
4-Bromofluorobenzene
Concen: 47.699 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073851.D
Acq: 12 Aug 2022 14:59

Tgt Ion: 95 Resp: 273862
Ion Ratio Lower Upper
95 100
174 92.7 0.0 167.6
176 89.0 0.0 163.4

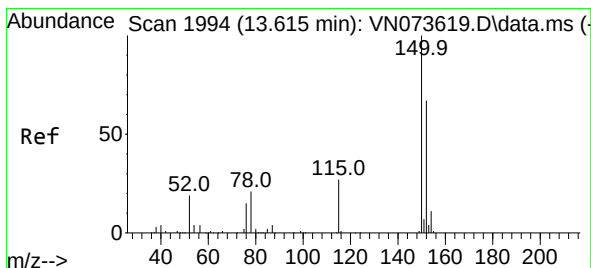
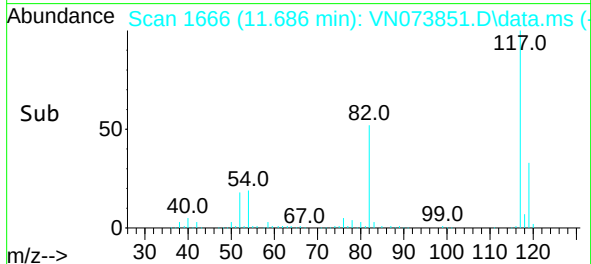
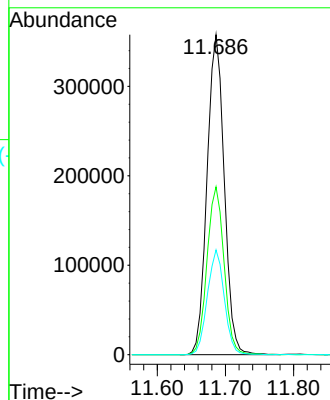
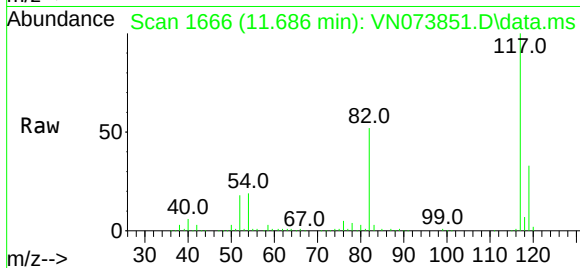




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN073851.D
Acq: 12 Aug 2022 14:59

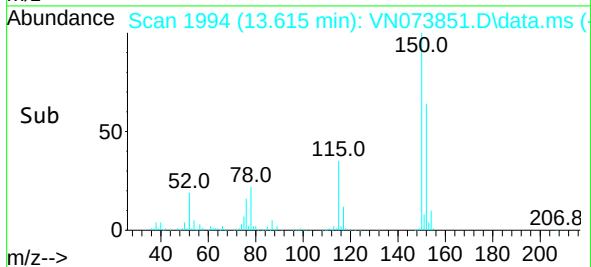
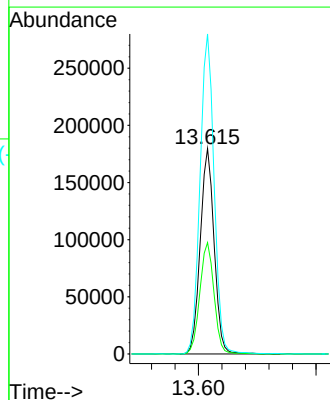
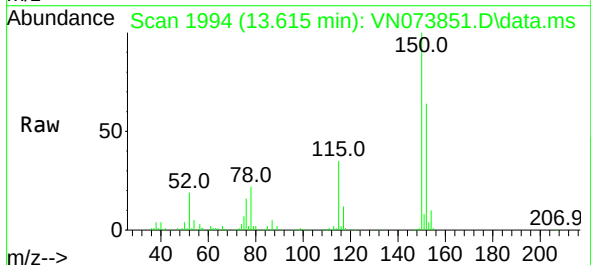
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

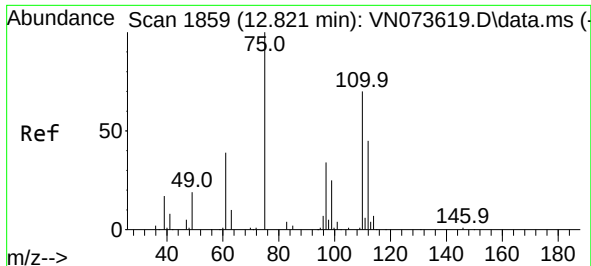
Tgt Ion:117 Resp: 628132
Ion Ratio Lower Upper
117 100
82 52.5 44.2 66.2
119 32.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VN073851.D
Acq: 12 Aug 2022 14:59

Tgt Ion:152 Resp: 295856
Ion Ratio Lower Upper
152 100
115 55.3 28.9 86.7
150 157.3 0.0 356.2

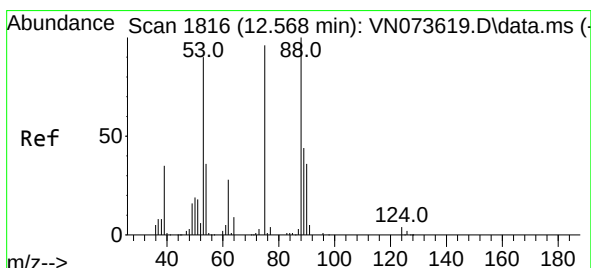
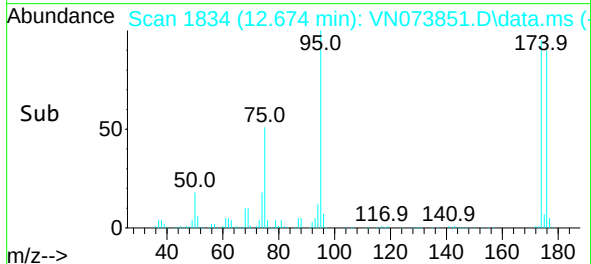
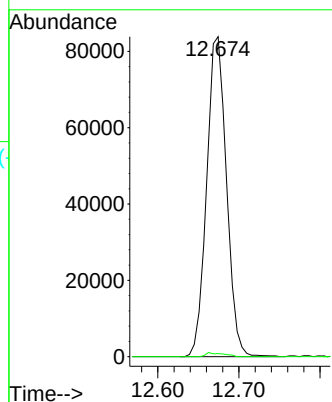
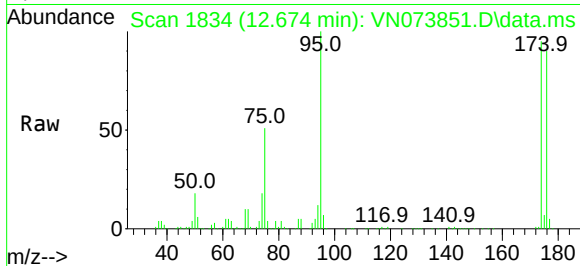




#76
1,2,3-Trichloropropane
Concen: 24.582 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.147 min
Lab File: VN073851.D
Acq: 12 Aug 2022 14:59

Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-WATER-REF-4

Tgt Ion: 75 Resp: 142113
Ion Ratio Lower Upper
75 100
77 1.1 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.249 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.106 min
Lab File: VN073851.D
Acq: 12 Aug 2022 14:59

Tgt Ion: 75 Resp: 142113
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#

