

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081222\
 Data File : VN073850.D
 Acq On : 12 Aug 2022 14:35
 Operator : JC\MD
 Sample : N4194-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Aug 13 05:02:53 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)

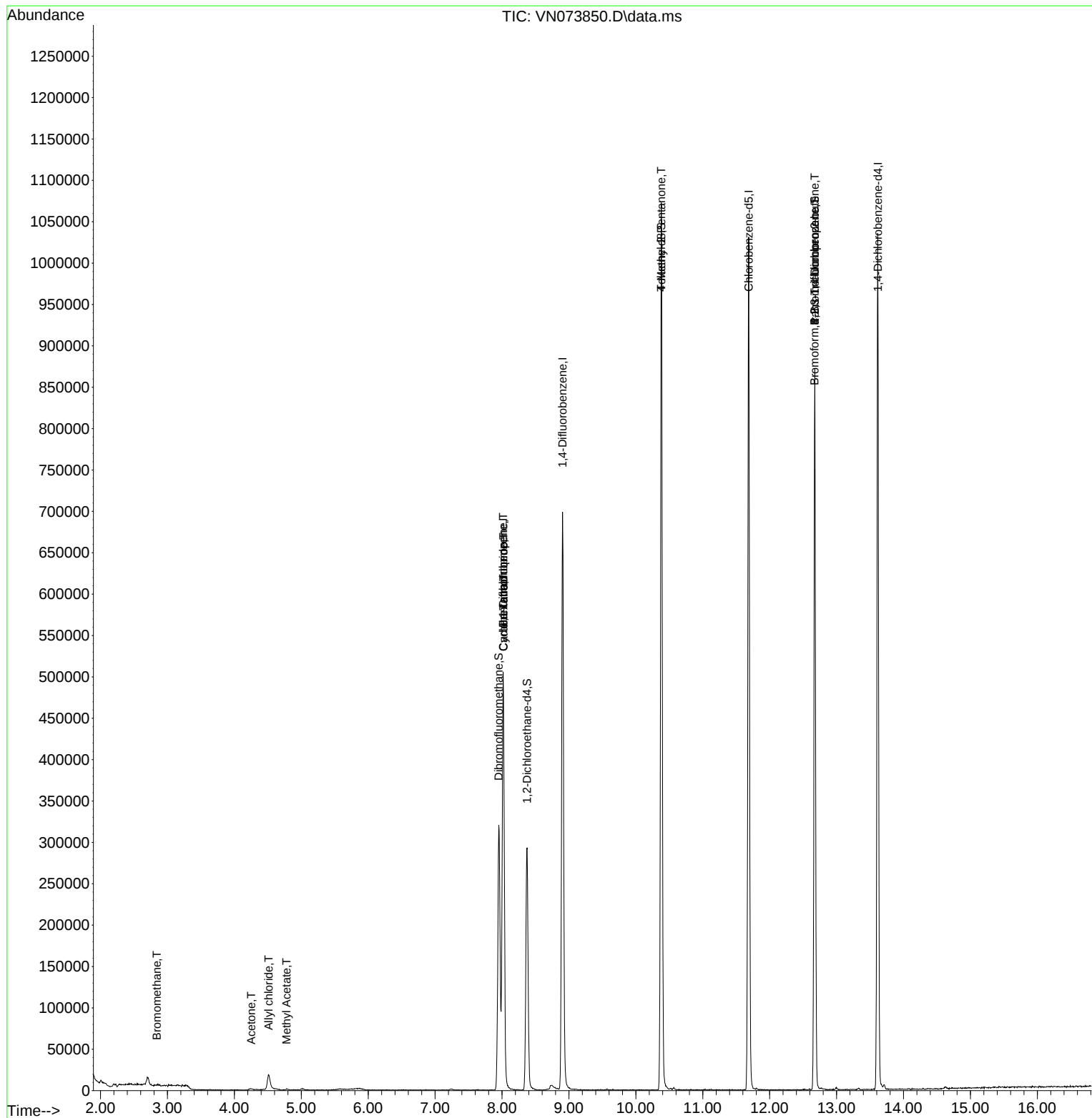
Internal Standards						
1) Pentafluorobenzene	8.016	168	411171	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	647120	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	612607	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	300865	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	249033	49.699	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.400%
35) Dibromofluoromethane	7.951	113	235276	57.900	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	115.800%
50) Toluene-d8	10.381	98	748830	46.830	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.660%
62) 4-Bromofluorobenzene	12.675	95	277691	49.499	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.000%
Target Compounds						
					Qvalue	
3) Chloromethane	2.269	50	1192	Below Cal		90
5) Bromomethane	2.840	94	1526	0.377 ug/l		89
6) Chloroethane	2.887	64	367	Below Cal	#	42
14) Allyl chloride	4.510	41	3220	0.516 ug/l	#	61
16) Acetone	4.252	43	3010	1.118 ug/l		97
18) Methyl Acetate	4.781	43	2382	0.356 ug/l	#	52
20) Methylene Chloride	5.034	84	1642	Below Cal	#	57
31) Cyclohexane	8.022	56	7362	0.987 ug/l	#	1
36) 1,1-Dichloropropene	8.016	75	28408	4.905 ug/l	#	48
38) Carbon Tetrachloride	8.022	117	37618	6.395 ug/l	#	17
51) 4-Methyl-2-Pentanone	10.381	43	2926	0.396 ug/l	#	1
71) Bromoform	12.669	173	1503	0.390 ug/l	#	28
76) 1,2,3-Trichloropropane	12.675	75	140311	23.766 ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.675	75	140311	60.437 ug/l	#	10

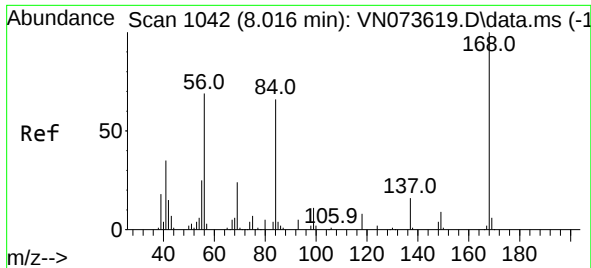
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Aug 10 05:09:32 2022
Response via : Initial Calibration

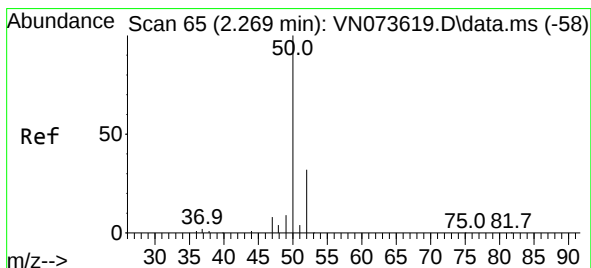
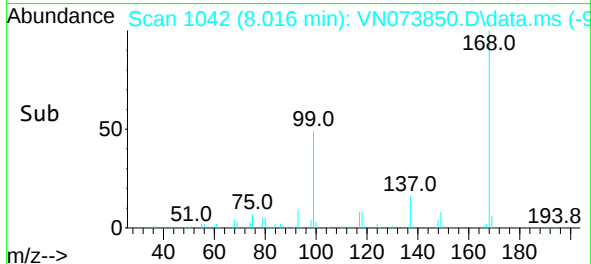
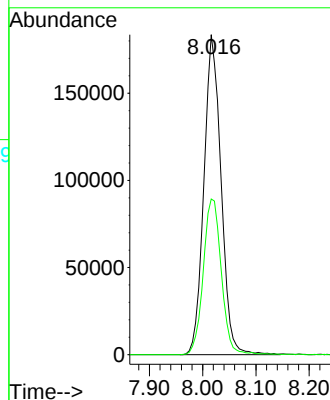
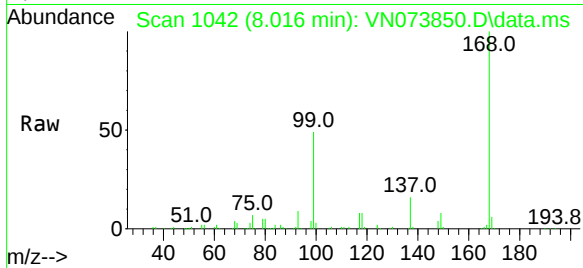




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 10
Delta R.T. 0.000 min
Lab File: VN073850.D
Acq: 12 Aug 2022 14:35

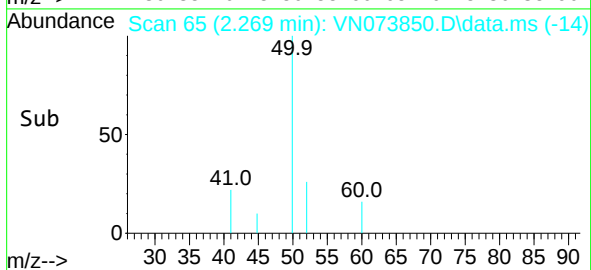
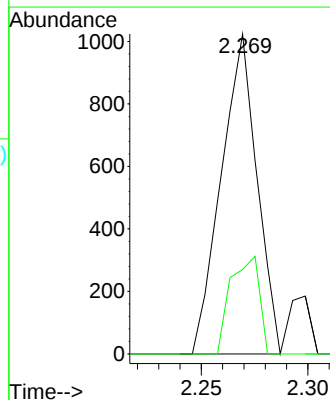
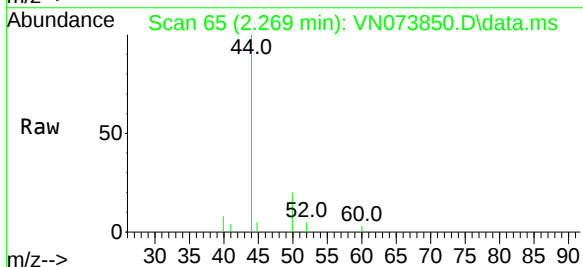
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

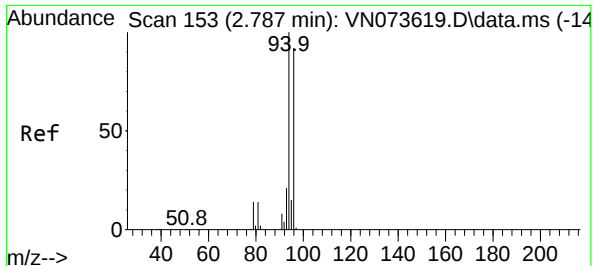
Tgt Ion:168 Resp: 411171
Ion Ratio Lower Upper
168 100
99 48.6 42.3 63.5



#3
Chloromethane
Concen: Below Cal
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073850.D
Acq: 12 Aug 2022 14:35

Tgt Ion: 50 Resp: 1192
Ion Ratio Lower Upper
50 100
52 26.4 25.7 38.5

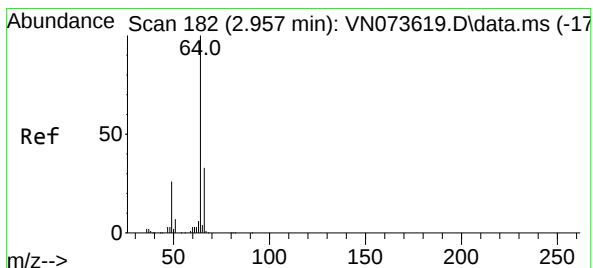
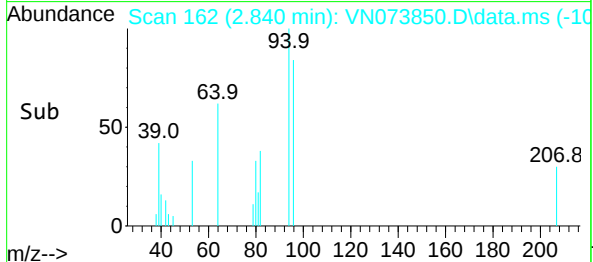
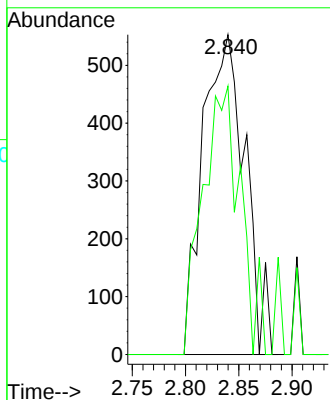
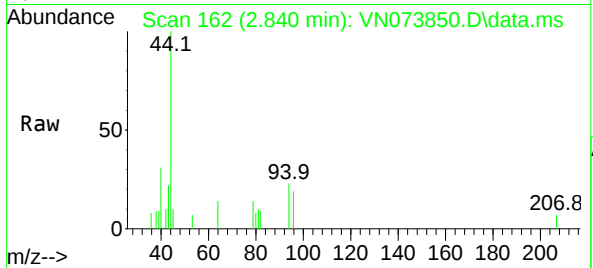




#5
Bromomethane
Concen: 0.377 ug/l
RT: 2.840 min Scan# 11
Delta R.T. 0.053 min
Lab File: VN073850.D
Acq: 12 Aug 2022 14:35

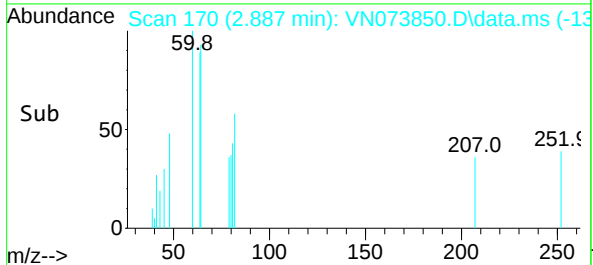
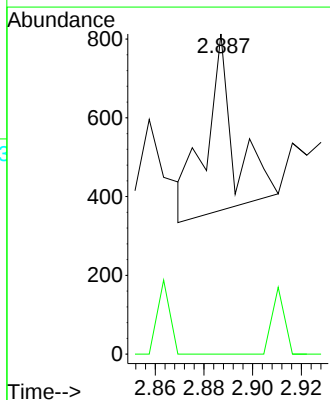
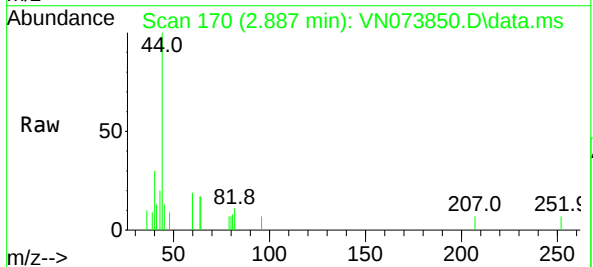
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

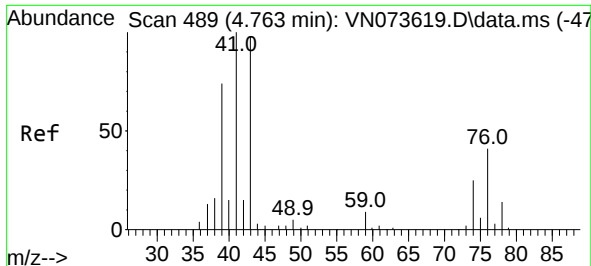
Tgt Ion: 94 Resp: 1526
Ion Ratio Lower Upper
94 100
96 83.9 76.0 114.0



#6
Chloroethane
Concen: Below Cal
RT: 2.887 min Scan# 170
Delta R.T. -0.070 min
Lab File: VN073850.D
Acq: 12 Aug 2022 14:35

Tgt Ion: 64 Resp: 367
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

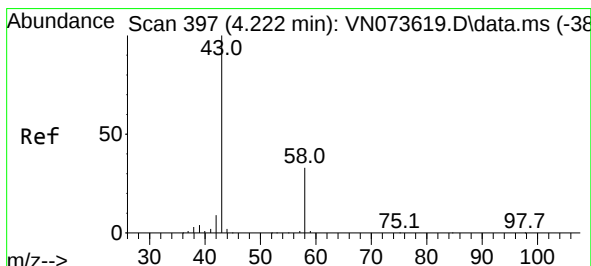
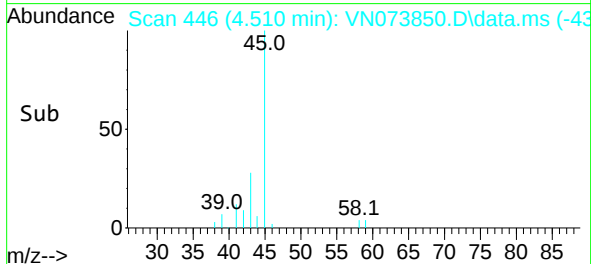
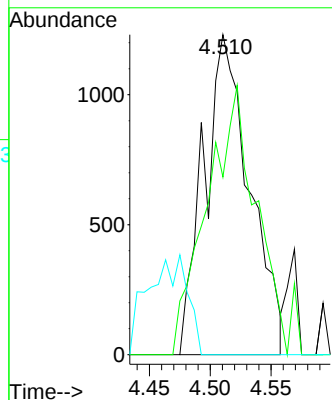
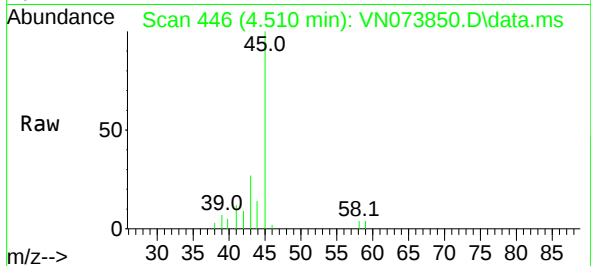




#14
 Allyl chloride
 Concen: 0.516 ug/l
 RT: 4.510 min Scan# 446
 Delta R.T. -0.253 min
 Lab File: VN073850.D
 Acq: 12 Aug 2022 14:35

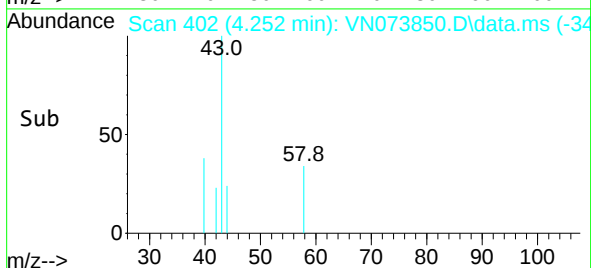
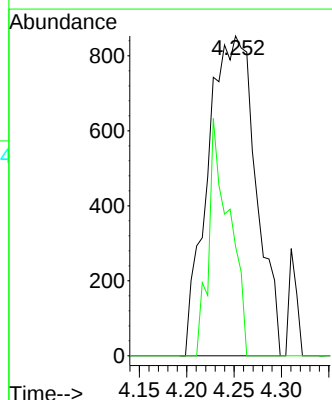
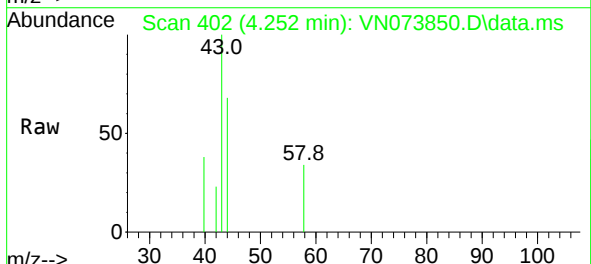
Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

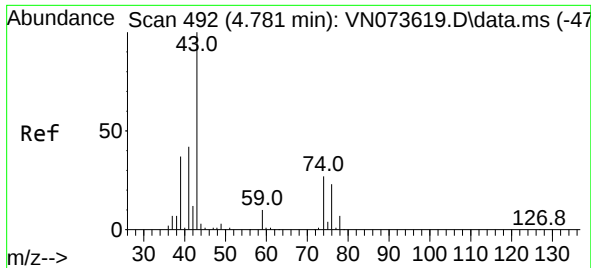
Tgt Ion: 41 Resp: 3220
 Ion Ratio Lower Upper
 41 100
 39 87.3 53.2 79.8#
 76 0.0 29.9 44.9#



#16
 Acetone
 Concen: 1.118 ug/l
 RT: 4.252 min Scan# 402
 Delta R.T. 0.030 min
 Lab File: VN073850.D
 Acq: 12 Aug 2022 14:35

Tgt Ion: 43 Resp: 3010
 Ion Ratio Lower Upper
 43 100
 58 34.2 26.0 39.0

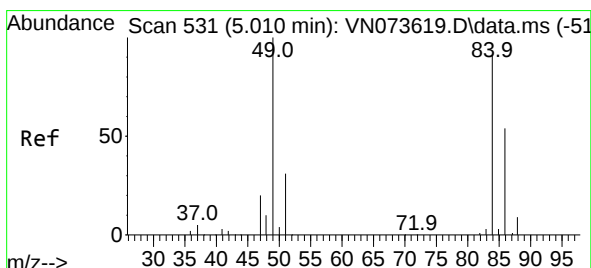
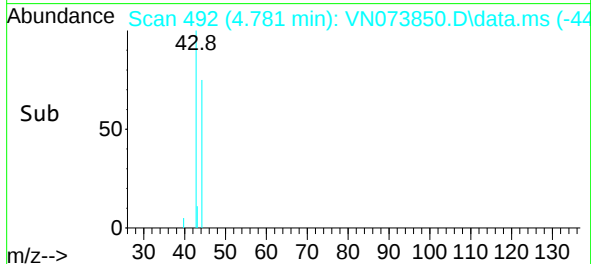
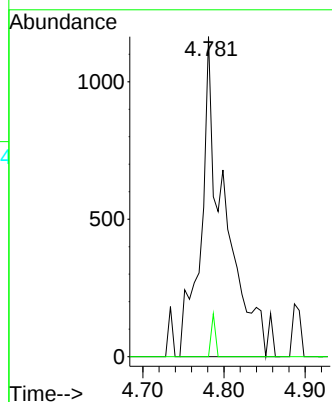
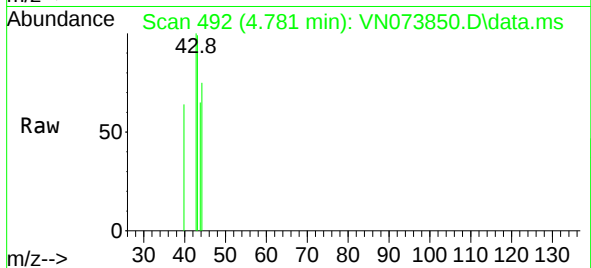




#18
Methyl Acetate
Concen: 0.356 ug/l
RT: 4.781 min Scan# 492
Delta R.T. 0.000 min
Lab File: VN073850.D
Acq: 12 Aug 2022 14:35

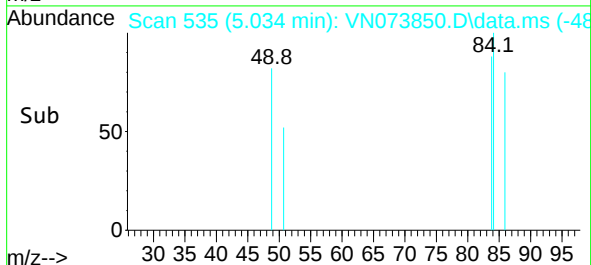
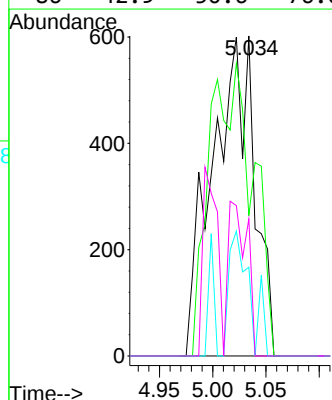
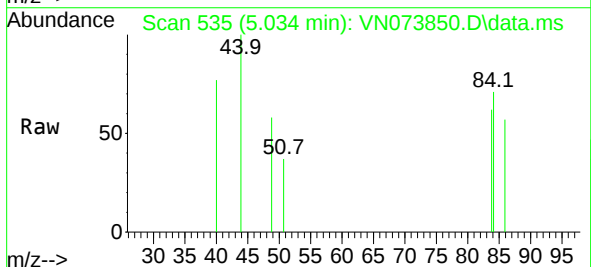
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

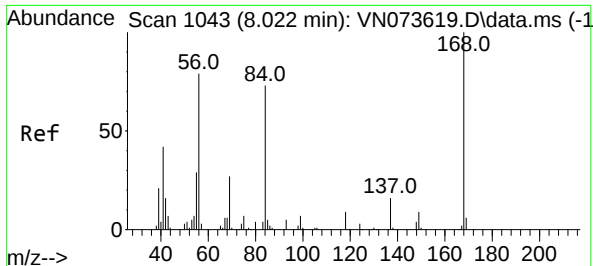
Tgt Ion: 43 Resp: 2382
Ion Ratio Lower Upper
43 100
74 2.3 21.6 32.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.034 min Scan# 535
Delta R.T. 0.024 min
Lab File: VN073850.D
Acq: 12 Aug 2022 14:35

Tgt Ion: 84 Resp: 1642
Ion Ratio Lower Upper
84 100
49 43.9 88.3 132.5#
51 27.7 28.2 42.2#
86 42.9 50.6 76.0#





#31

Cyclohexane

Concen: 0.987 ug/l

RT: 8.022 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VN073850.D

Acq: 12 Aug 2022 14:35

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

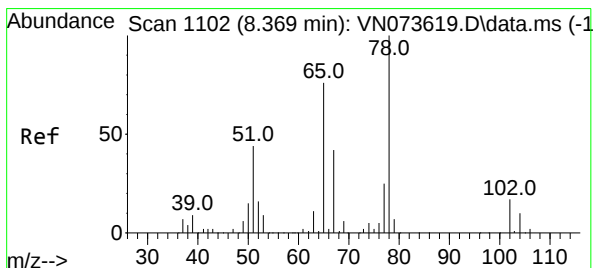
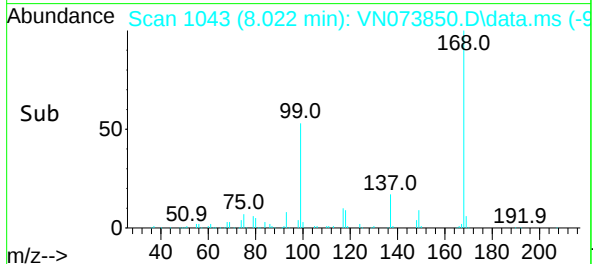
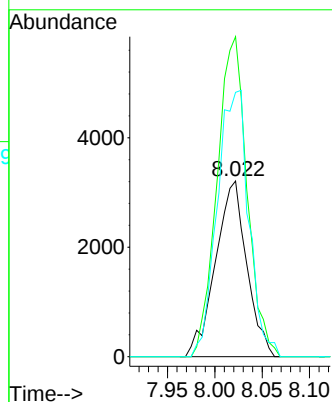
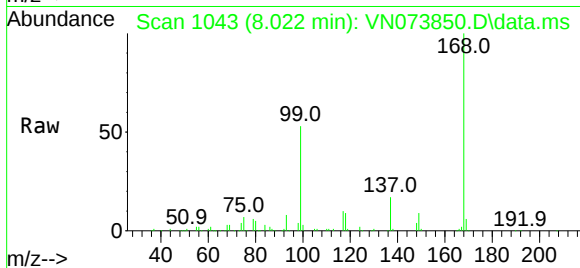
Tgt Ion: 56 Resp: 7362

Ion Ratio Lower Upper

56 100

69 182.2 27.8 41.8#

84 150.5 76.9 115.3#



#33

1,2-Dichloroethane-d4

Concen: 49.699 ug/l

RT: 8.375 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VN073850.D

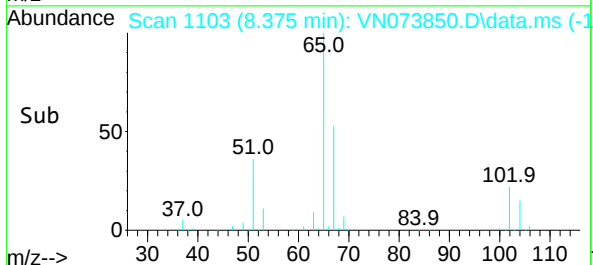
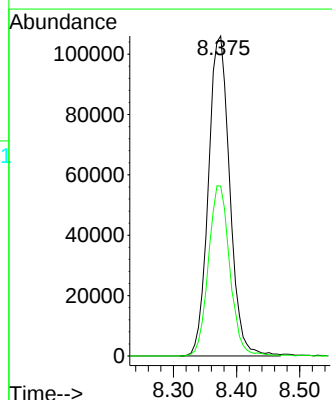
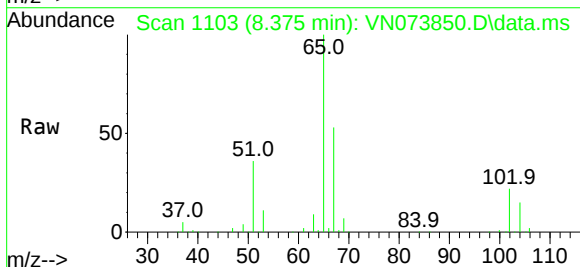
Acq: 12 Aug 2022 14:35

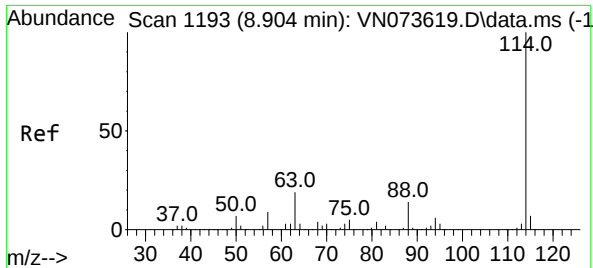
Tgt Ion: 65 Resp: 249033

Ion Ratio Lower Upper

65 100

67 53.2 0.0 104.8

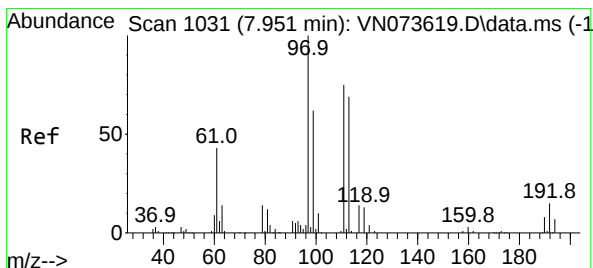
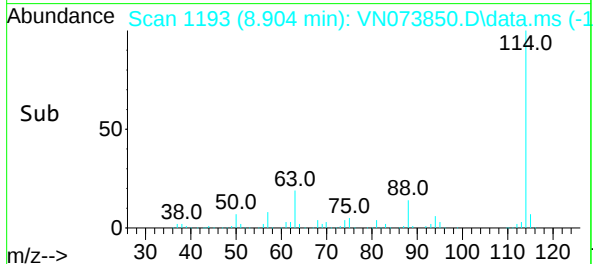
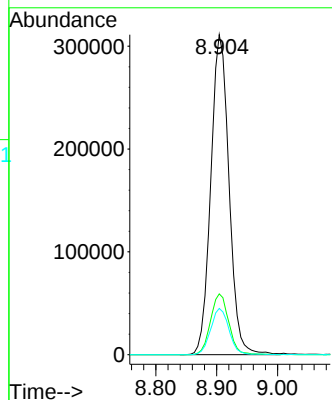
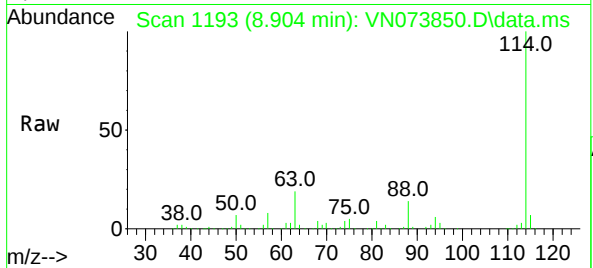




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VN073850.D
Acq: 12 Aug 2022 14:35

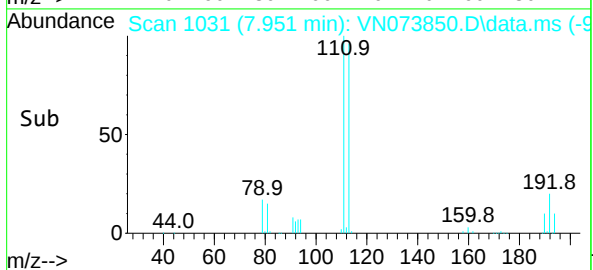
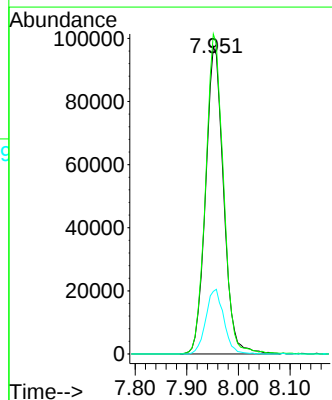
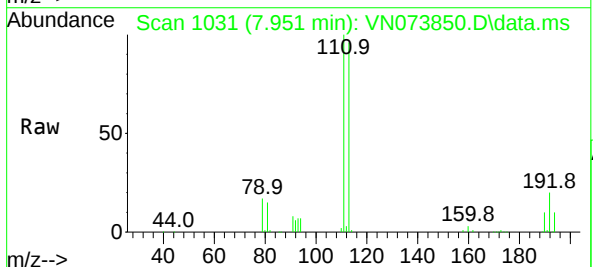
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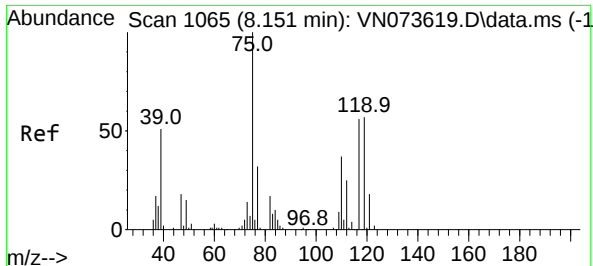
Tgt Ion:114 Resp: 647120
Ion Ratio Lower Upper
114 100
63 19.0 0.0 40.0
88 14.5 0.0 32.6



#35
Dibromofluoromethane
Concen: 57.900 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073850.D
Acq: 12 Aug 2022 14:35

Tgt Ion:113 Resp: 235276
Ion Ratio Lower Upper
113 100
111 103.3 81.4 122.0
192 21.0 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.905 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.135 min

Lab File: VN073850.D

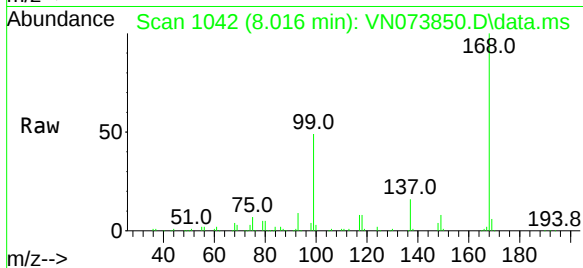
Acq: 12 Aug 2022 14:35

Instrument :

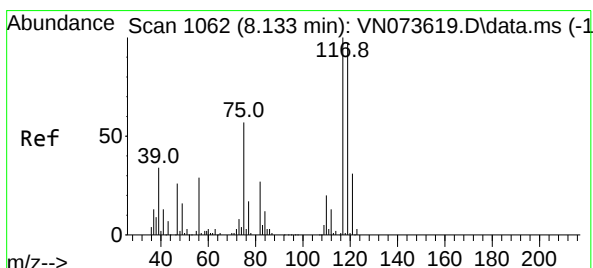
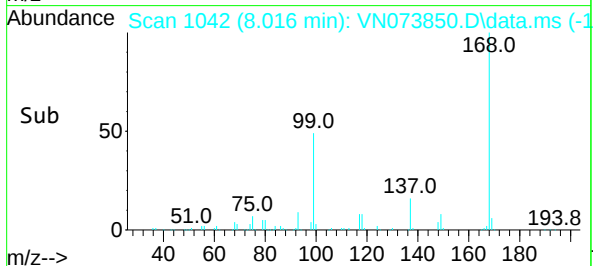
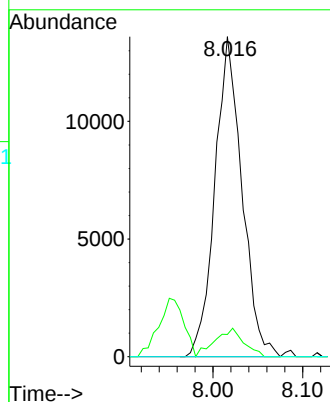
MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5



Tgt Ion: 75	Resp: 28408
Ion Ratio	Lower Upper
75	100
110	8.5 18.3 54.8#
77	0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.395 ug/l

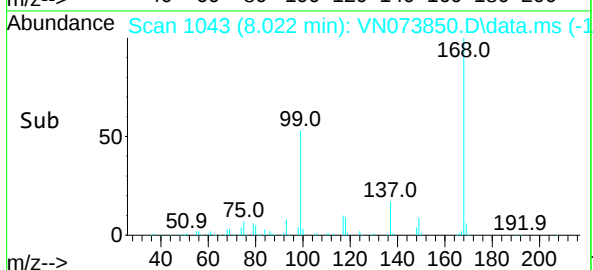
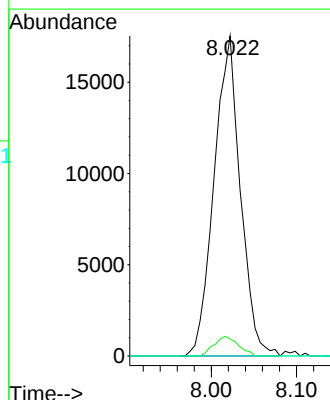
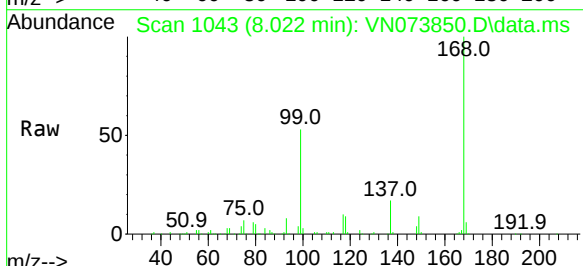
RT: 8.022 min Scan# 1043

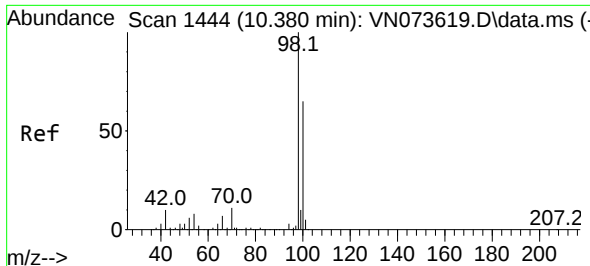
Delta R.T. -0.112 min

Lab File: VN073850.D

Acq: 12 Aug 2022 14:35

Tgt Ion: 117	Resp: 37618
Ion Ratio	Lower Upper
117	100
119	5.3 75.8 113.8#
121	0.0 24.6 37.0#

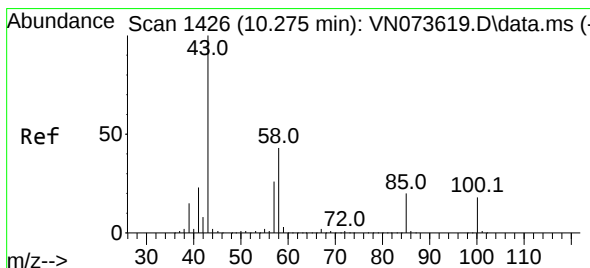
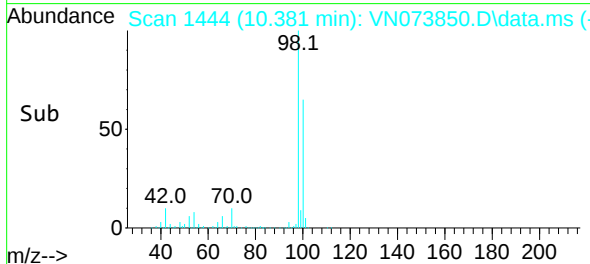
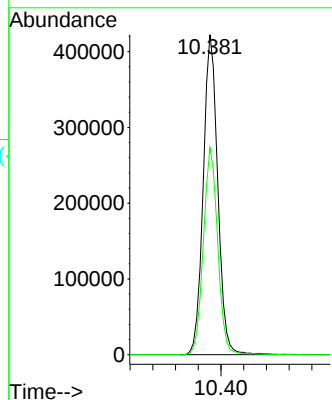
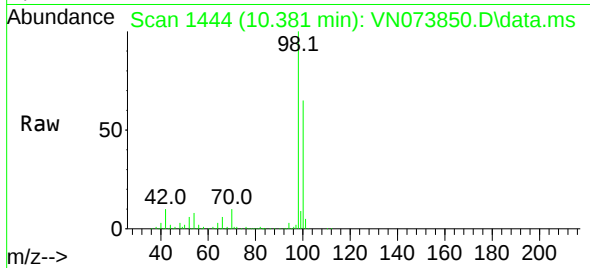




#50
Toluene-d8
Concen: 46.830 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073850.D
Acq: 12 Aug 2022 14:35

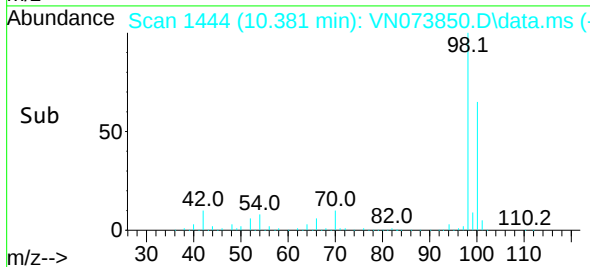
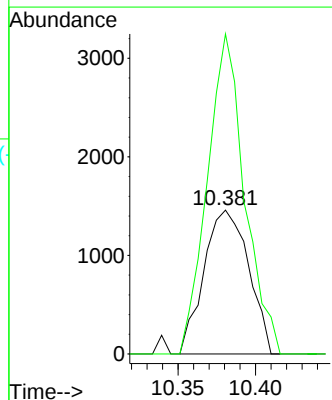
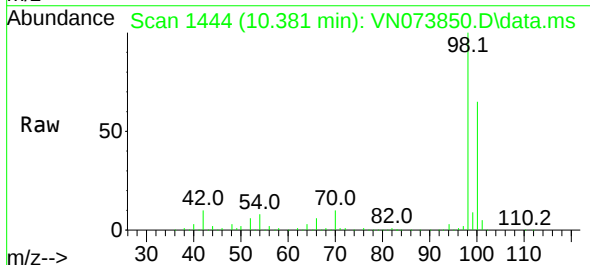
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

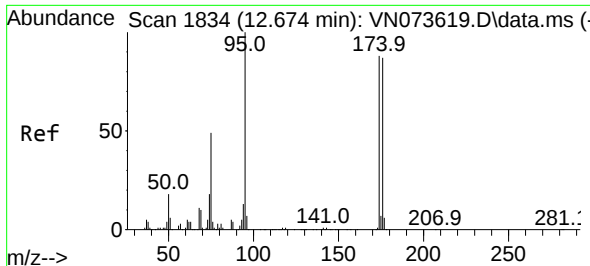
Tgt Ion: 98 Resp: 748830
Ion Ratio Lower Upper
98 100
100 64.0 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.396 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.106 min
Lab File: VN073850.D
Acq: 12 Aug 2022 14:35

Tgt Ion: 43 Resp: 2926
Ion Ratio Lower Upper
43 100
58 185.5 34.1 51.1#

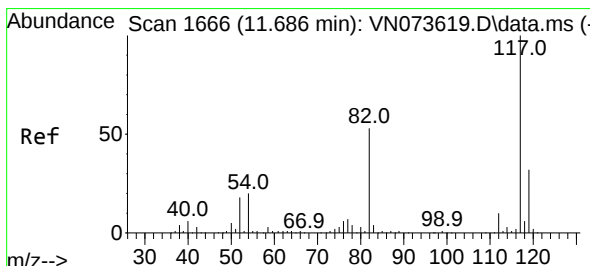
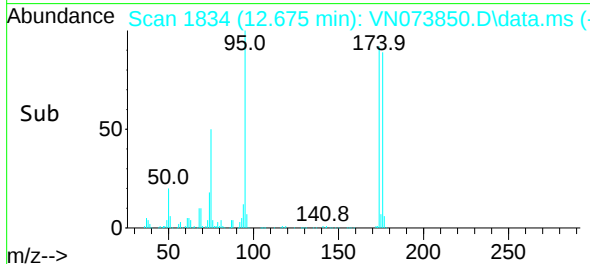
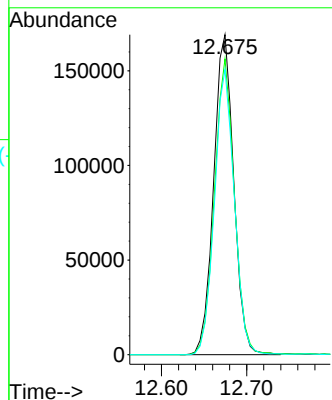
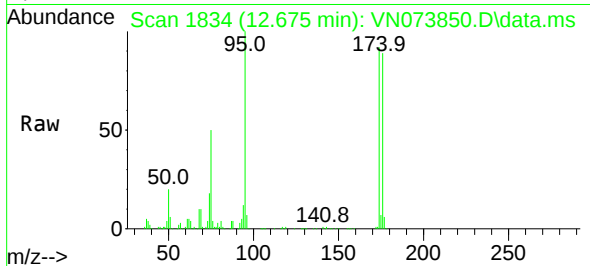




#62
4-Bromofluorobenzene
Concen: 49.499 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. 0.001 min
Lab File: VN073850.D
Acq: 12 Aug 2022 14:35

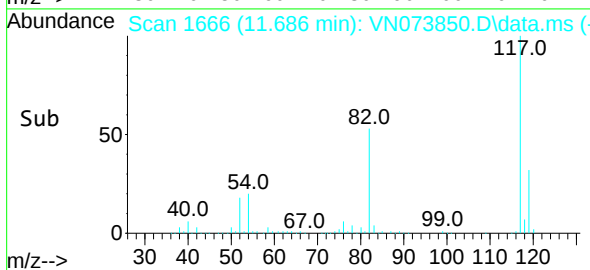
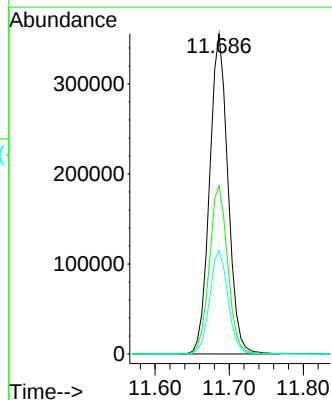
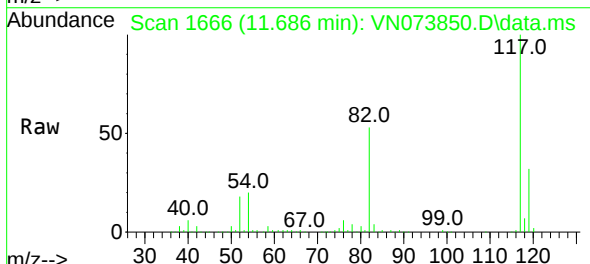
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

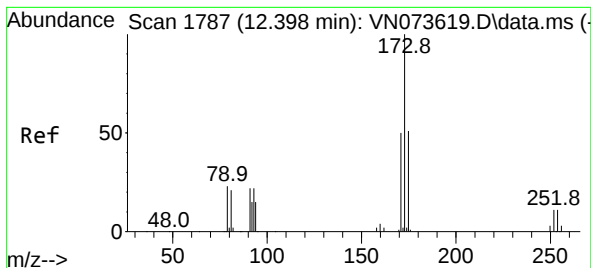
Tgt Ion: 95 Resp: 277691
Ion Ratio Lower Upper
95 100
174 91.6 0.0 167.6
176 88.2 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073850.D
Acq: 12 Aug 2022 14:35

Tgt Ion: 117 Resp: 612607
Ion Ratio Lower Upper
117 100
82 52.6 44.2 66.2
119 32.3 25.4 38.0





#71

Bromoform

Concen: 0.390 ug/l

RT: 12.669 min Scan# 1833

Delta R.T. 0.271 min

Lab File: VN073850.D

Acq: 12 Aug 2022 14:35

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

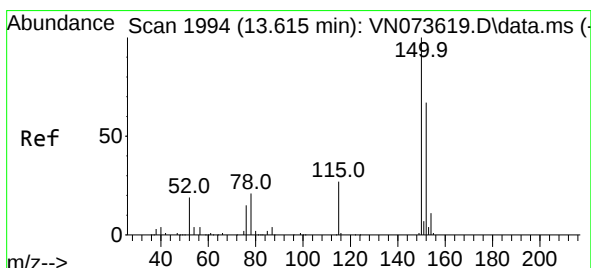
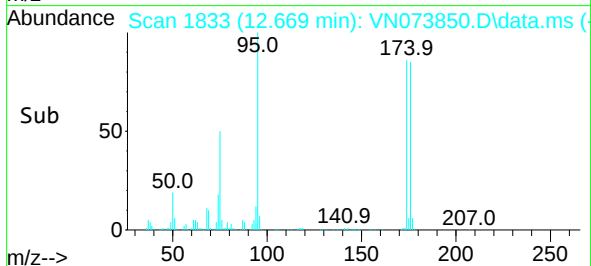
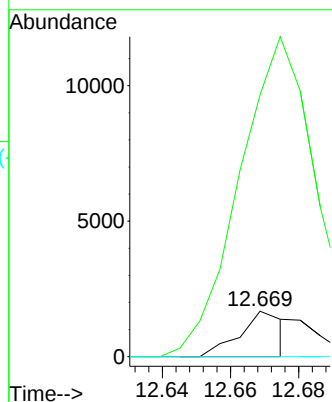
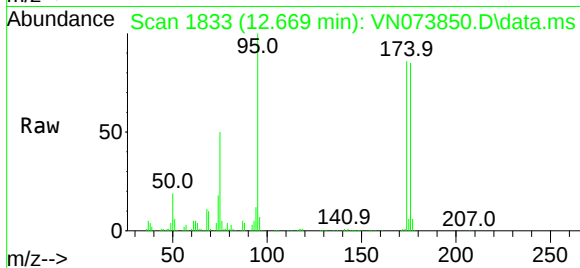
Tgt Ion:173 Resp: 1503

Ion Ratio Lower Upper

173 100

175 0.0 24.6 73.6#

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.616 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VN073850.D

Acq: 12 Aug 2022 14:35

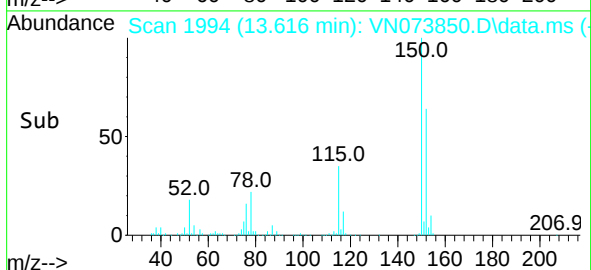
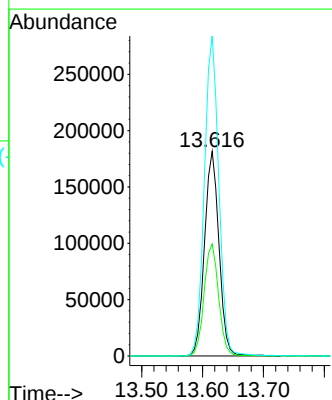
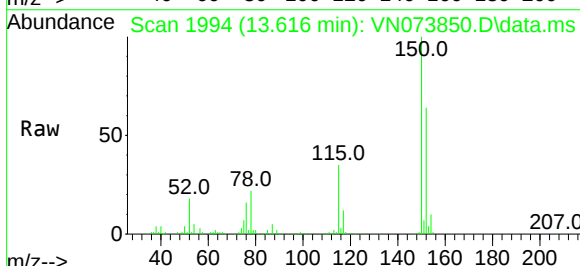
Tgt Ion:152 Resp: 300865

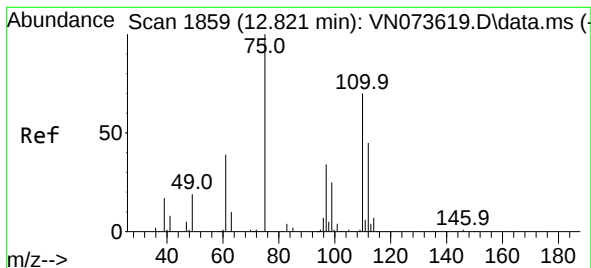
Ion Ratio Lower Upper

152 100

115 54.9 28.9 86.7

150 155.7 0.0 356.2





#76

1,2,3-Trichloropropane

Concen: 23.766 ug/l

RT: 12.675 min Scan# 1834

Delta R.T. -0.146 min

Lab File: VN073850.D

Acq: 12 Aug 2022 14:35

Instrument :

MSVOA_N

ClientSampleId :

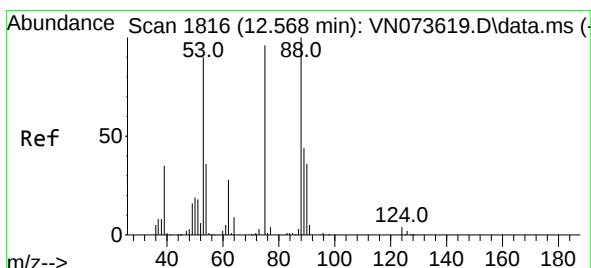
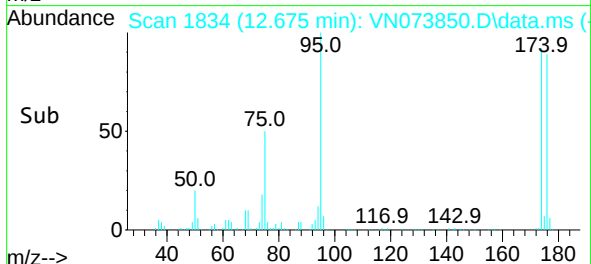
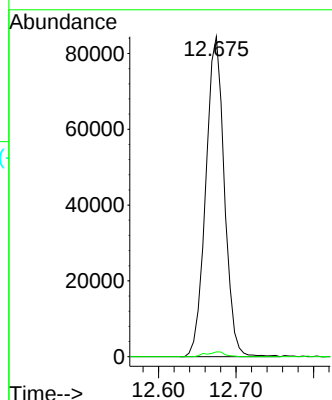
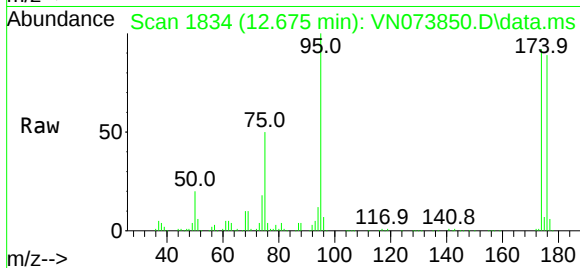
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 75 Resp: 140311

Ion Ratio Lower Upper

75 100

77 1.5 98.5 295.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 60.437 ug/l

RT: 12.675 min Scan# 1834

Delta R.T. 0.106 min

Lab File: VN073850.D

Acq: 12 Aug 2022 14:35

Tgt Ion: 75 Resp: 140311

Ion Ratio Lower Upper

75 100

53 0.0 78.0 117.0#

89 0.0 37.2 55.8#

