

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080522\
 Data File : VN073760.D
 Acq On : 05 Aug 2022 14:16
 Operator : JC\MD
 Sample : N4071-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Aug 07 20:50:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 29 02:20:25 2022
 Response via : Initial Calibration

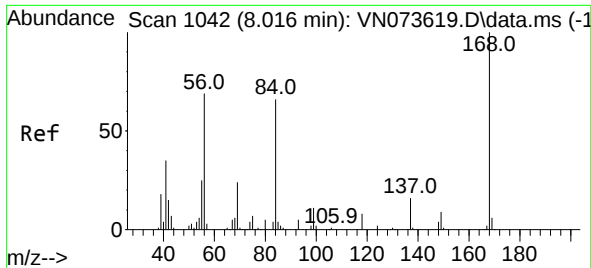
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.016	168	383680	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	604789	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	567536	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	267135	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	224512	48.016	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.040%		
35) Dibromofluoromethane	7.951	113	208829	54.988	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	109.980%		
50) Toluene-d8	10.380	98	680740	45.552	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.100%		
62) 4-Bromofluorobenzene	12.674	95	249952	50.052	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.100%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.269	50	1090	Below Cal	#	77
5) Bromomethane	2.810	94	755	0.200	ug/l #	32
6) Chloroethane	2.987	64	222	Below Cal	#	86
16) Acetone	4.240	43	2078	0.827	ug/l #	84
20) Methylene Chloride	5.016	84	3185	Below Cal	#	84
31) Cyclohexane	8.016	56	7289	1.047	ug/l #	1
36) 1,1-Dichloropropene	8.022	75	28142	5.199	ug/l #	48
38) Carbon Tetrachloride	8.022	117	35479	6.454	ug/l #	18
51) 4-Methyl-2-Pentanone	10.380	43	2715	0.393	ug/l #	1
71) Bromoform	12.668	173	1614	0.452	ug/l #	28
76) 1,2,3-Trichloropropane	12.674	75	127187	24.335	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	127187	61.701	ug/l #	10
95) Naphthalene	15.439	128	4183	0.276	ug/l #	85

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

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Response via : Initial Calibration

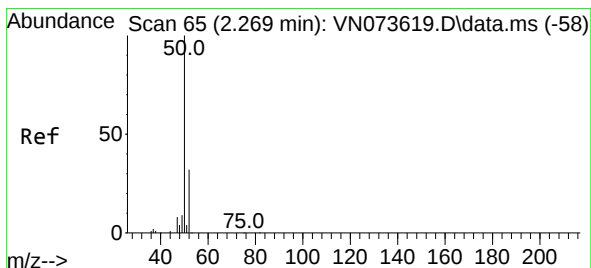
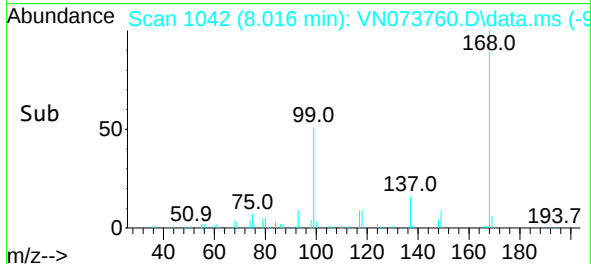
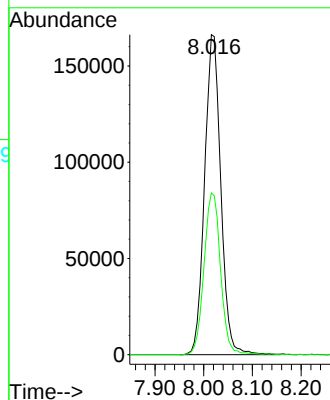
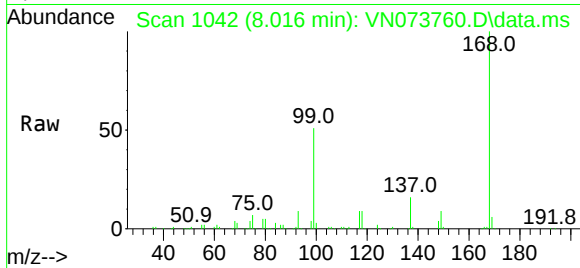




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073760.D
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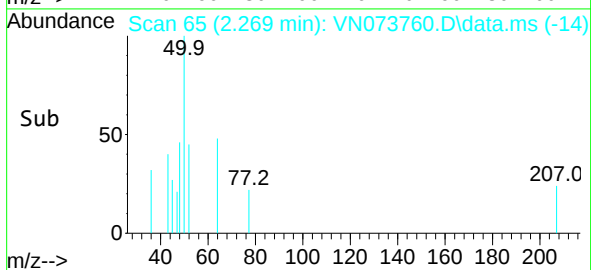
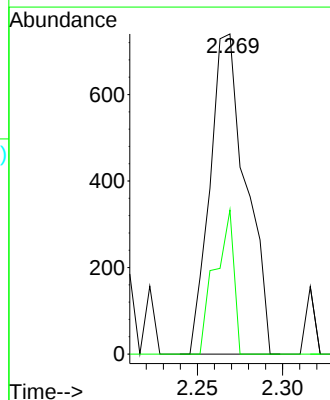
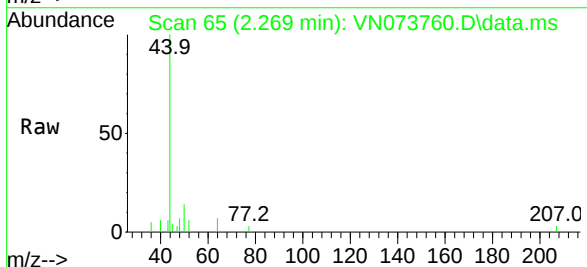
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

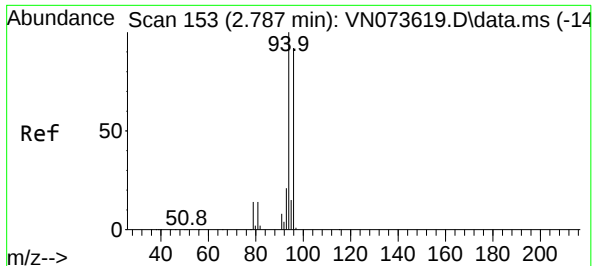
Tgt Ion:168 Resp: 383680
Ion Ratio Lower Upper
168 100
99 50.6 42.3 63.5



#3
Chloromethane
Concen: Below Cal
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073760.D
Acq: 05 Aug 2022 14:16

Tgt Ion: 50 Resp: 1090
Ion Ratio Lower Upper
50 100
52 45.0 25.7 38.5#

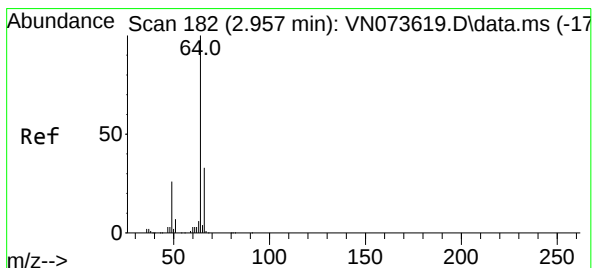
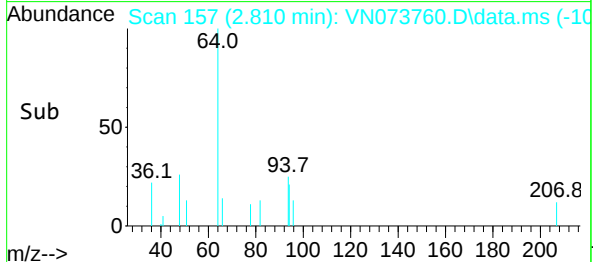
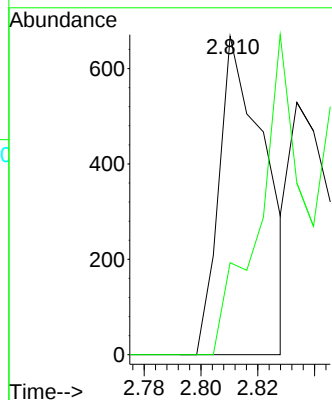
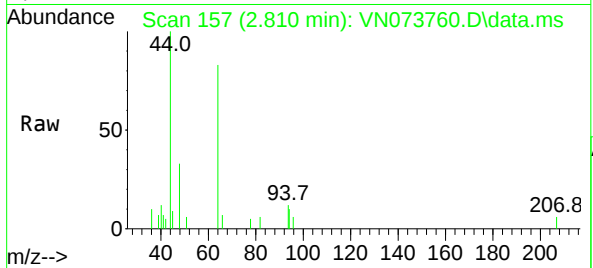




#5
Bromomethane
Concen: 0.200 ug/l
RT: 2.810 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN073760.D
Acq: 05 Aug 2022 14:16

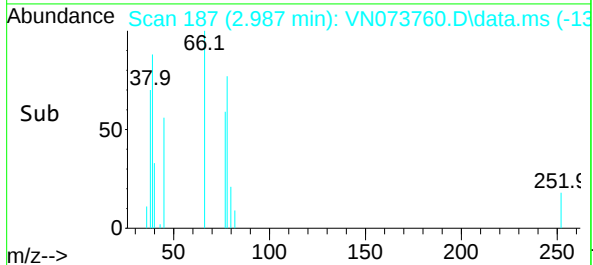
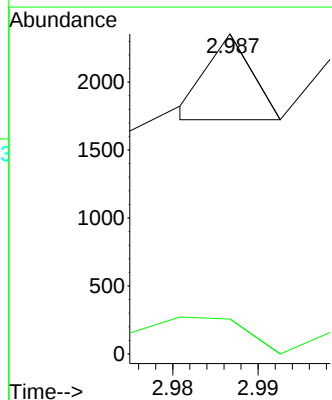
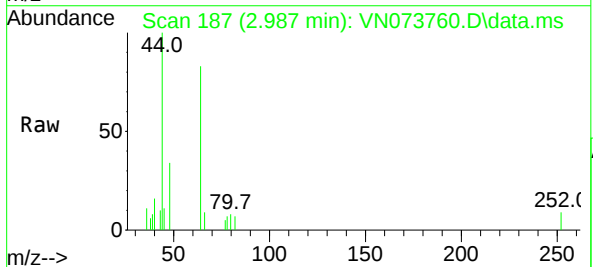
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

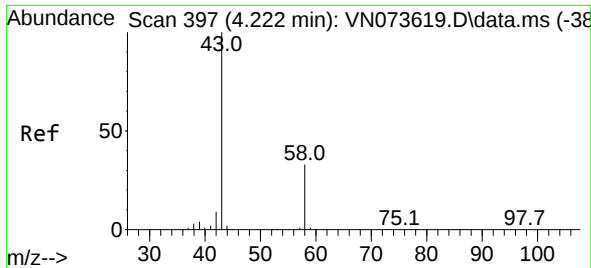
Tgt Ion: 94 Resp: 755
Ion Ratio Lower Upper
94 100
96 28.9 76.0 114.0#



#6
Chloroethane
Concen: Below Cal
RT: 2.987 min Scan# 187
Delta R.T. 0.030 min
Lab File: VN073760.D
Acq: 05 Aug 2022 14:16

Tgt Ion: 64 Resp: 222
Ion Ratio Lower Upper
64 100
66 40.6 26.2 39.4#

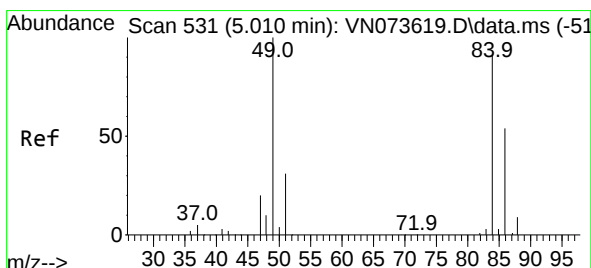
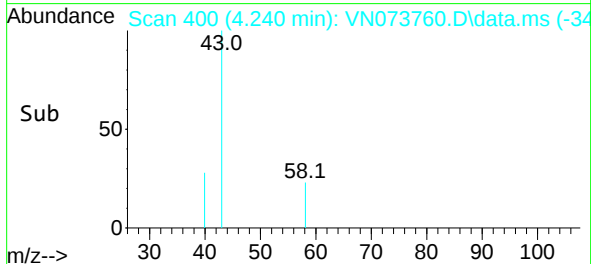
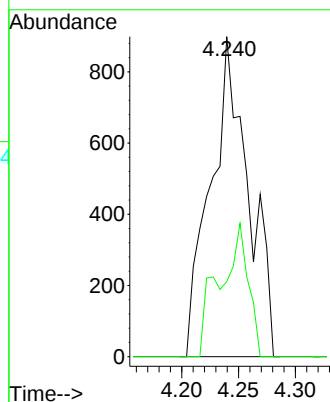
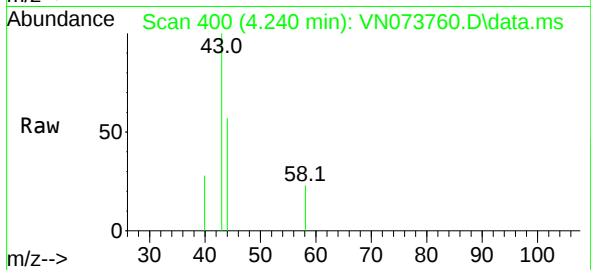




#16
Acetone
Concen: 0.827 ug/l
RT: 4.240 min Scan# 40
Delta R.T. 0.018 min
Lab File: VN073760.D
Acq: 05 Aug 2022 14:16

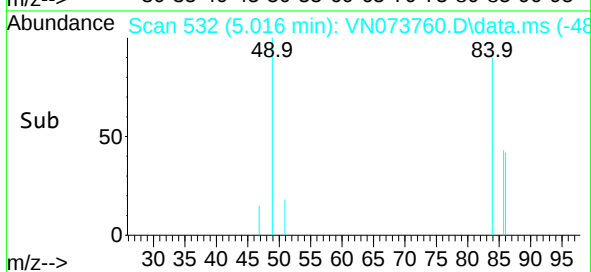
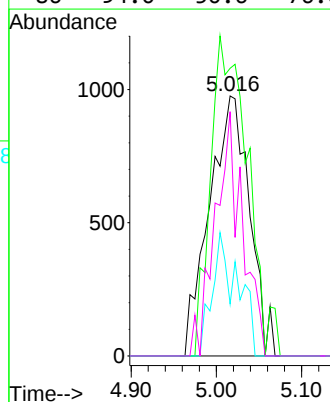
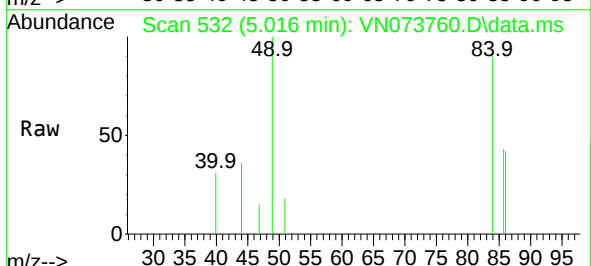
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

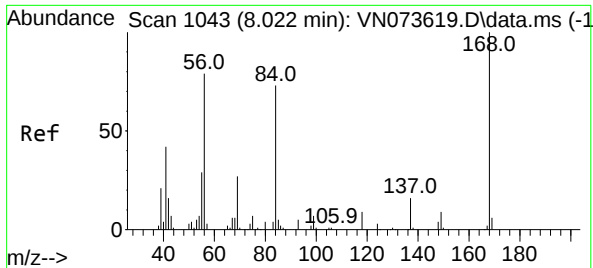
Tgt Ion: 43 Resp: 2078
Ion Ratio Lower Upper
43 100
58 23.5 26.0 39.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.016 min Scan# 532
Delta R.T. 0.006 min
Lab File: VN073760.D
Acq: 05 Aug 2022 14:16

Tgt Ion: 84 Resp: 3185
Ion Ratio Lower Upper
84 100
49 110.7 88.3 132.5
51 20.0 28.2 42.2#
86 94.0 50.6 76.0#

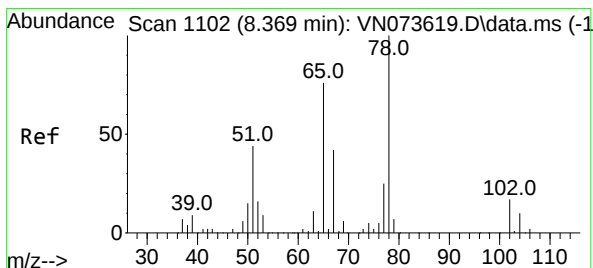
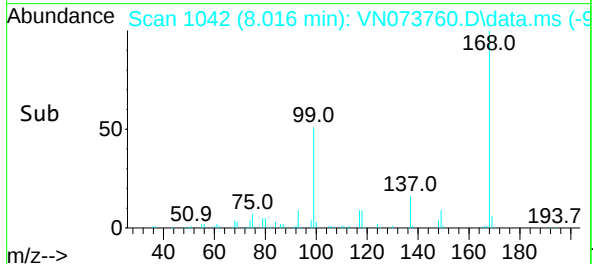
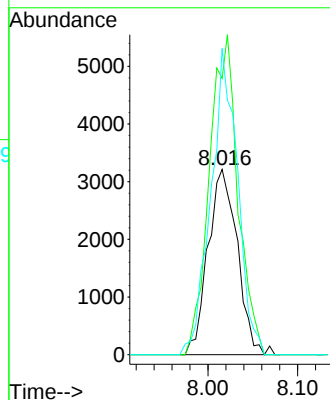
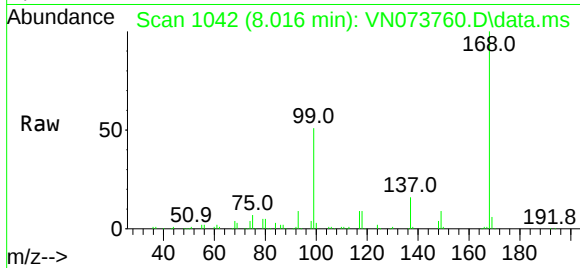




#31
Cyclohexane
Concen: 1.047 ug/l
RT: 8.016 min Scan# 1103
Delta R.T. -0.006 min
Lab File: VN073760.D
Acq: 05 Aug 2022 14:16

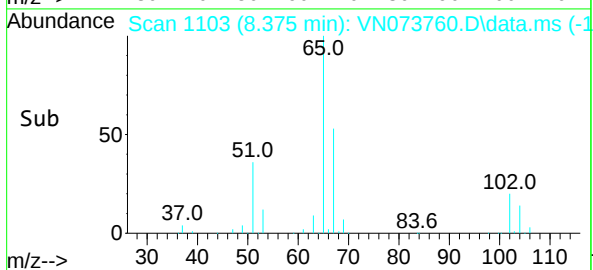
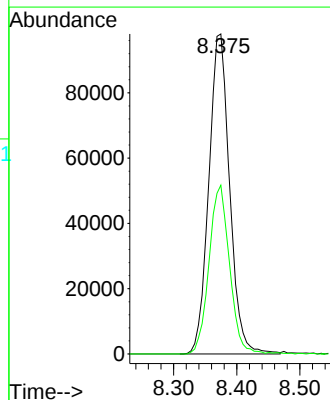
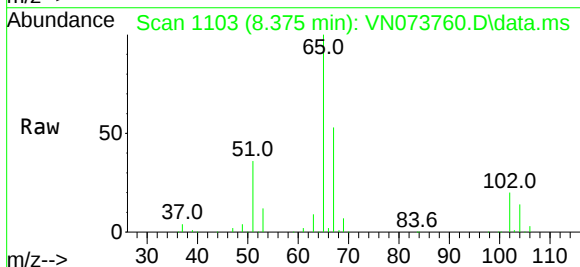
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

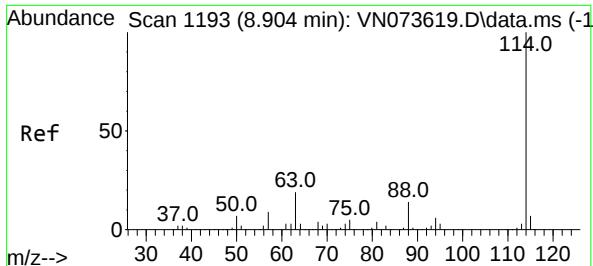
Tgt Ion: 56 Resp: 7289
Ion Ratio Lower Upper
56 100
69 149.2 27.8 41.8#
84 165.3 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 48.016 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN073760.D
Acq: 05 Aug 2022 14:16

Tgt Ion: 65 Resp: 224512
Ion Ratio Lower Upper
65 100
67 51.8 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: VN073760.D

Acq: 05 Aug 2022 14:16

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

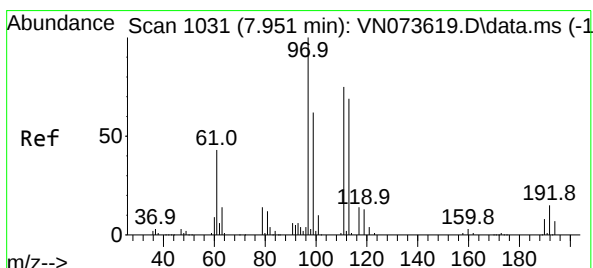
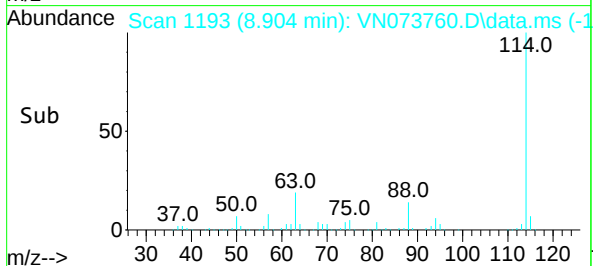
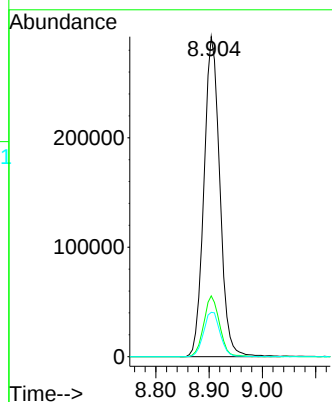
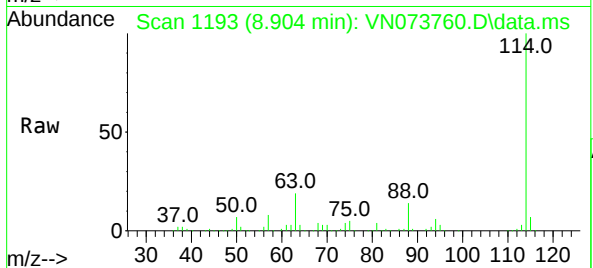
Tgt Ion:114 Resp: 604789

Ion Ratio Lower Upper

114 100

63 19.0 0.0 40.0

88 13.8 0.0 32.6



#35

Dibromofluoromethane

Concen: 54.988 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VN073760.D

Acq: 05 Aug 2022 14:16

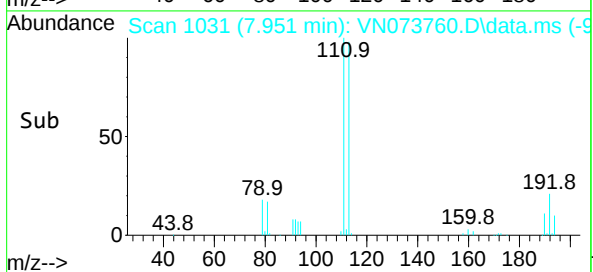
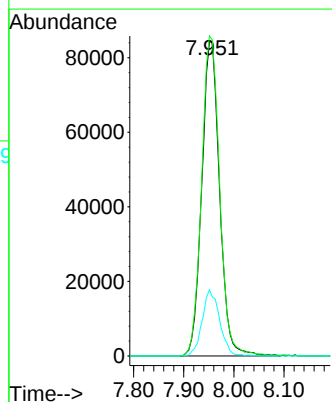
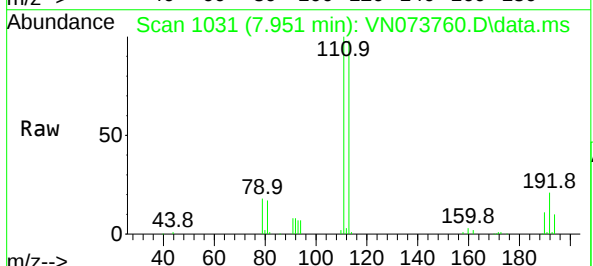
Tgt Ion:113 Resp: 208829

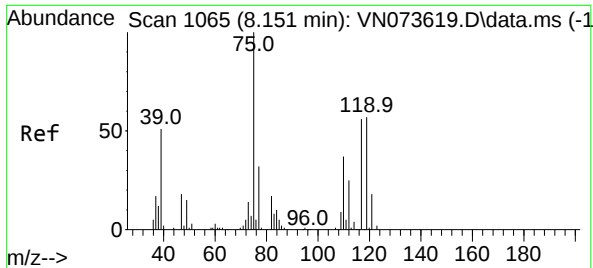
Ion Ratio Lower Upper

113 100

111 103.1 81.4 122.0

192 20.6 17.0 25.6

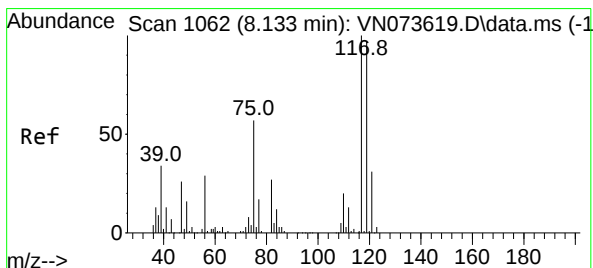
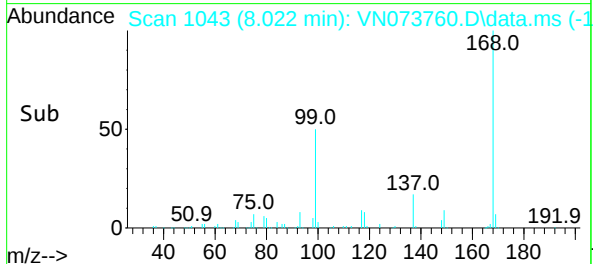
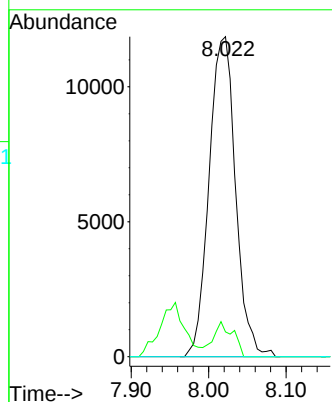
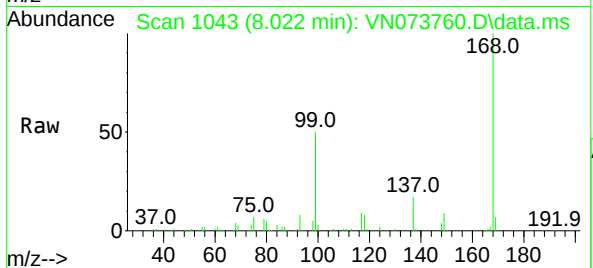




#36
1,1-Dichloropropene
Concen: 5.199 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.129 min
Lab File: VN073760.D
Acq: 05 Aug 2022 14:16

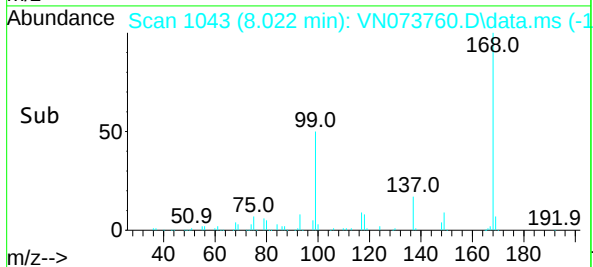
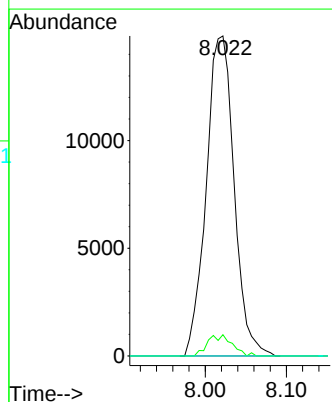
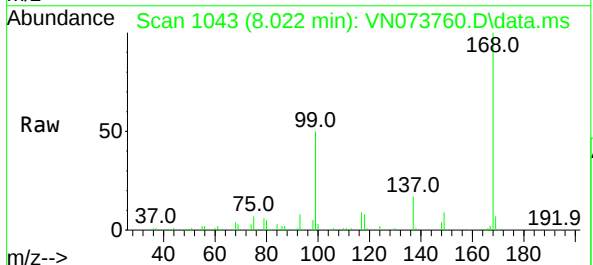
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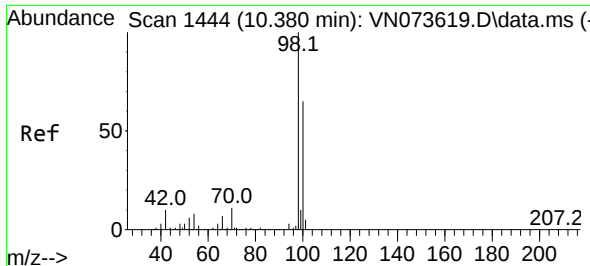
Tgt Ion: 75 Resp: 28142
Ion Ratio Lower Upper
75 100
110 8.1 18.3 54.8#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 6.454 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.112 min
Lab File: VN073760.D
Acq: 05 Aug 2022 14:16

Tgt Ion: 117 Resp: 35479
Ion Ratio Lower Upper
117 100
119 6.7 75.8 113.8#
121 0.0 24.6 37.0#

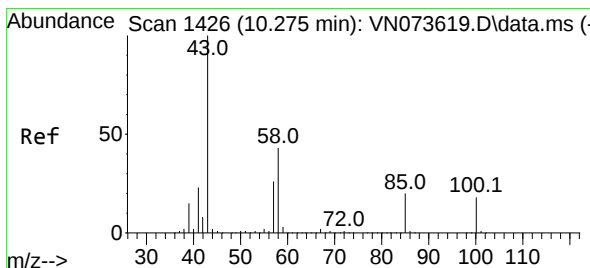
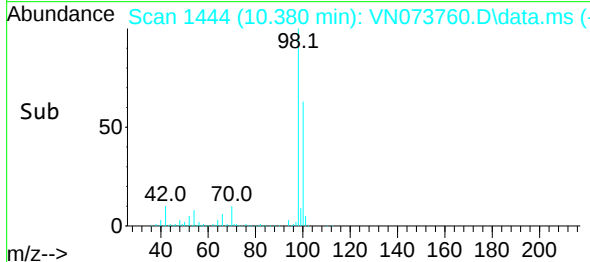
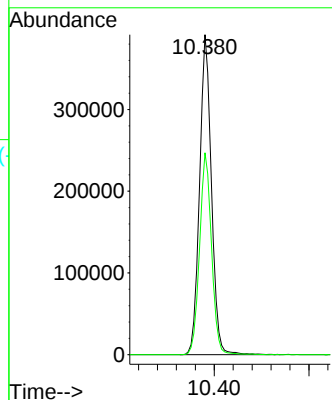
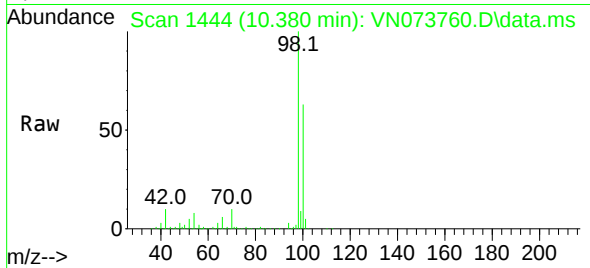




#50
Toluene-d8
Concen: 45.552 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN073760.D
Acq: 05 Aug 2022 14:16

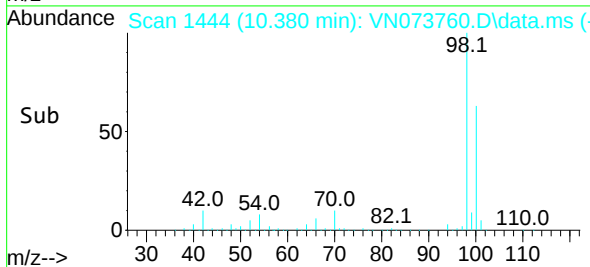
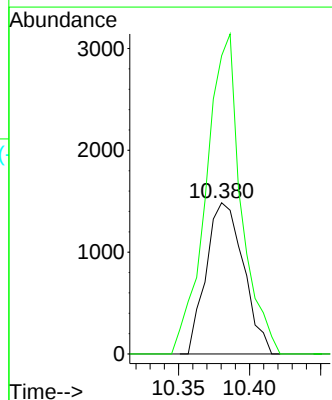
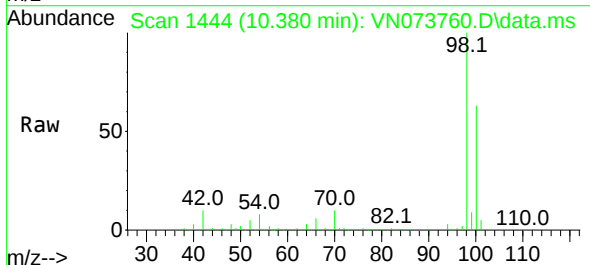
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

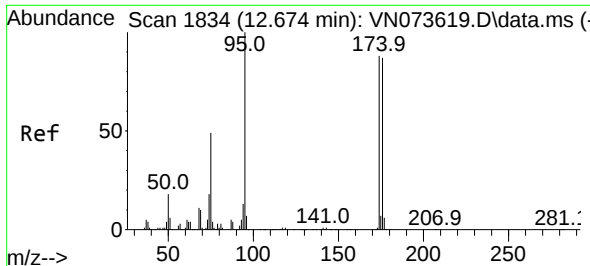
Tgt Ion: 98 Resp: 680740
Ion Ratio Lower Upper
98 100
100 63.6 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.393 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.105 min
Lab File: VN073760.D
Acq: 05 Aug 2022 14:16

Tgt Ion: 43 Resp: 2715
Ion Ratio Lower Upper
43 100
58 199.2 34.1 51.1#

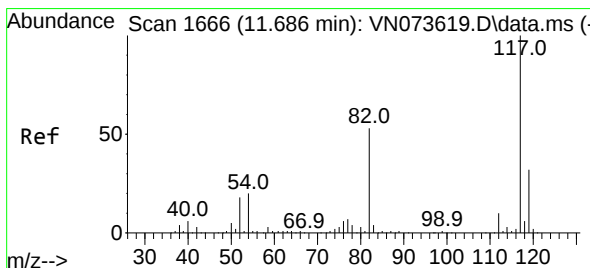
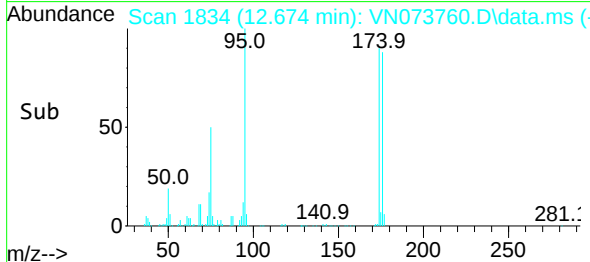
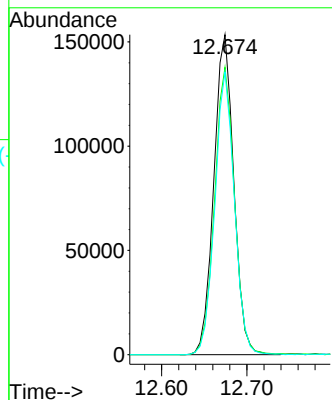
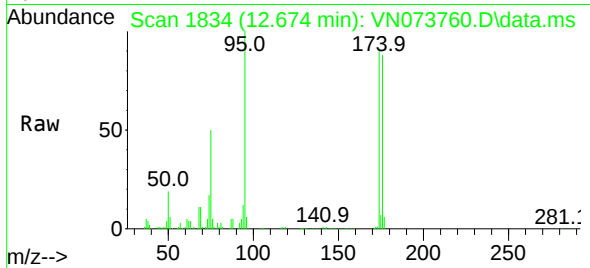




#62
4-Bromofluorobenzene
Concen: 50.052 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073760.D
Acq: 05 Aug 2022 14:16

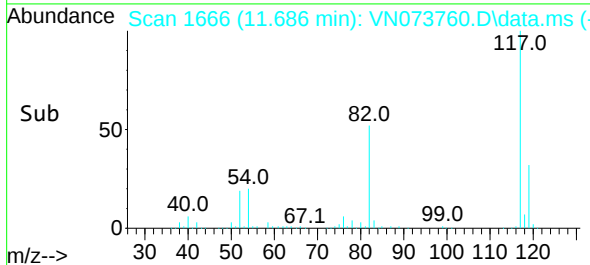
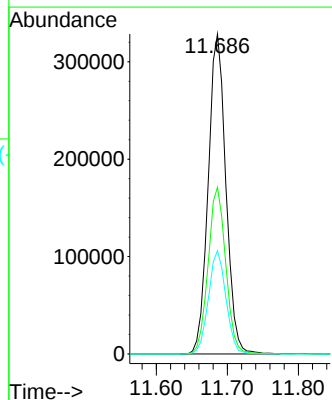
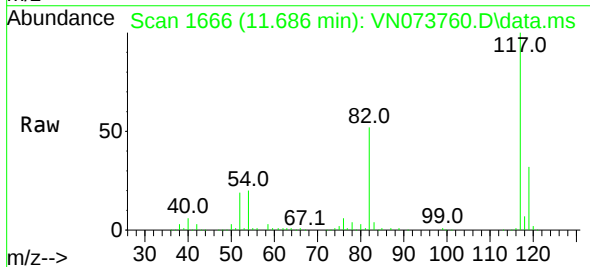
Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-WATER-REF-5

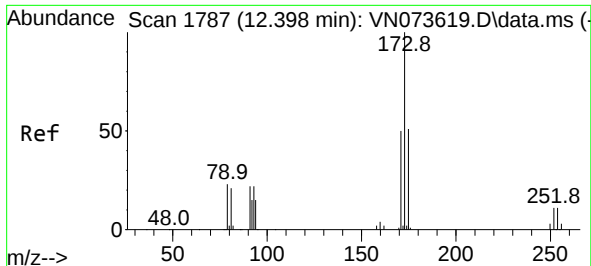
Tgt Ion: 95 Resp: 249952
Ion Ratio Lower Upper
95 100
174 89.7 0.0 167.6
176 86.4 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VN073760.D
Acq: 05 Aug 2022 14:16

Tgt Ion: 117 Resp: 567536
Ion Ratio Lower Upper
117 100
82 52.1 44.2 66.2
119 32.3 25.4 38.0

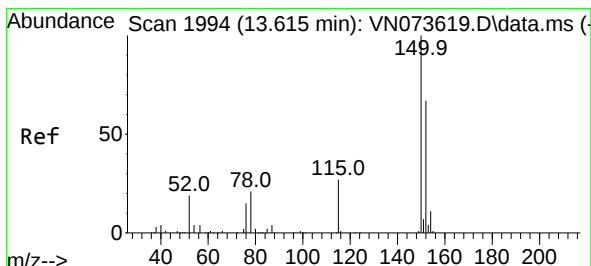
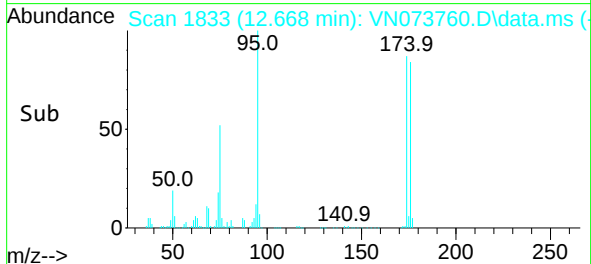
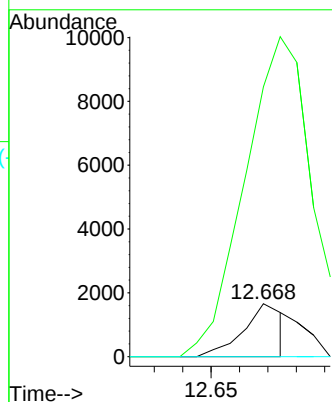
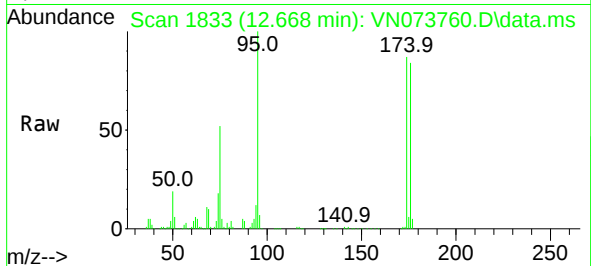




#71
Bromoform
Concen: 0.452 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.271 min
Lab File: VN073760.D
Acq: 05 Aug 2022 14:16

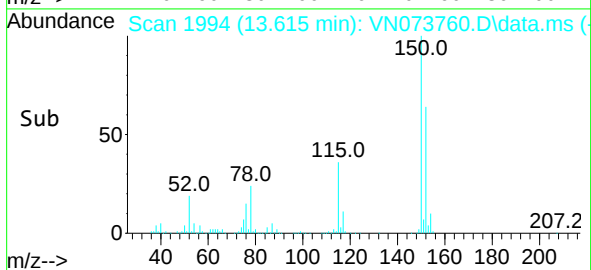
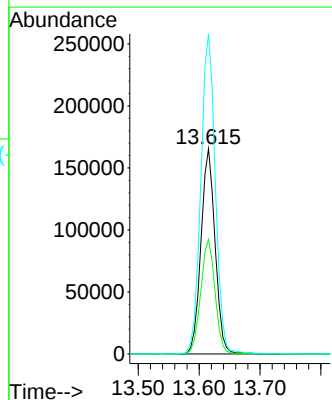
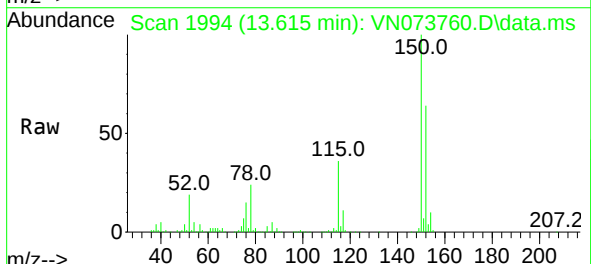
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

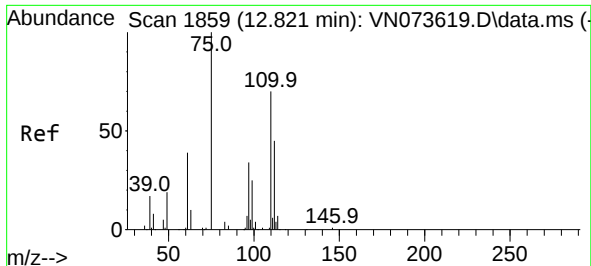
Tgt Ion:173 Resp: 1614
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VN073760.D
Acq: 05 Aug 2022 14:16

Tgt Ion:152 Resp: 267135
Ion Ratio Lower Upper
152 100
115 56.4 28.9 86.7
150 159.5 0.0 356.2

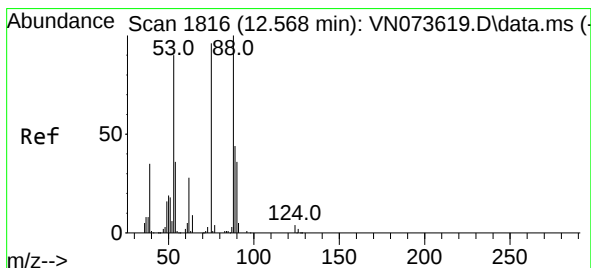
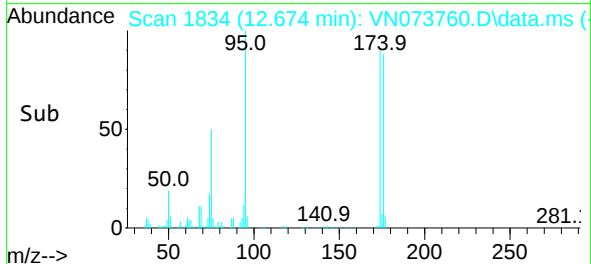
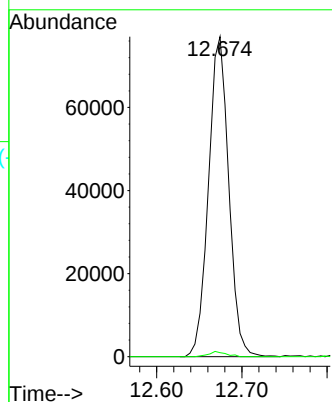
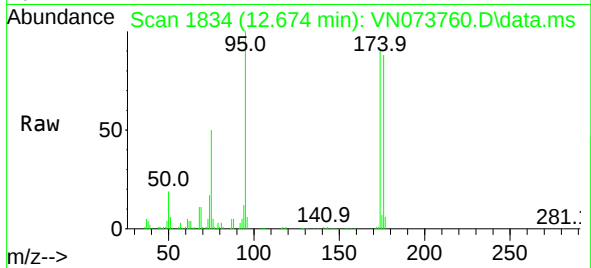




#76
1,2,3-Trichloropropane
Concen: 24.335 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.147 min
Lab File: VN073760.D
Acq: 05 Aug 2022 14:16

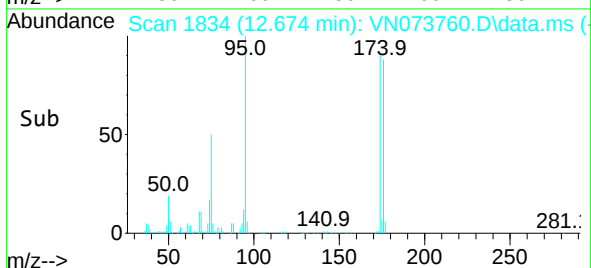
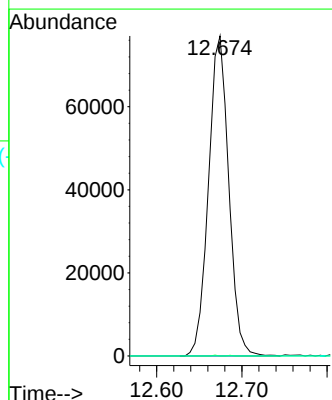
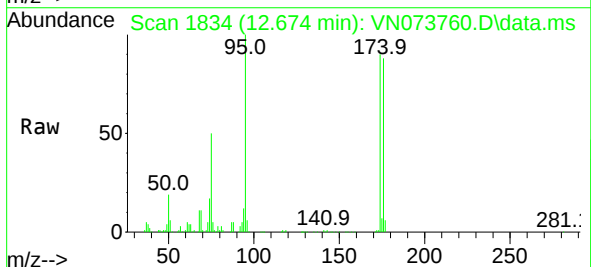
Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-WATER-REF-5

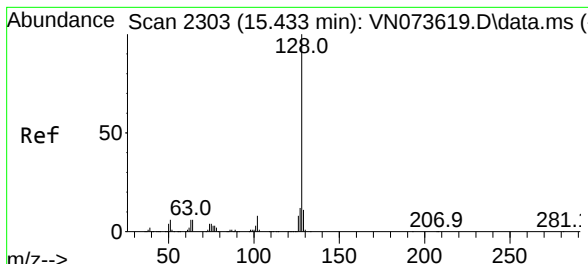
Tgt Ion: 75 Resp: 127187
Ion Ratio Lower Upper
75 100
77 1.4 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.701 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.106 min
Lab File: VN073760.D
Acq: 05 Aug 2022 14:16

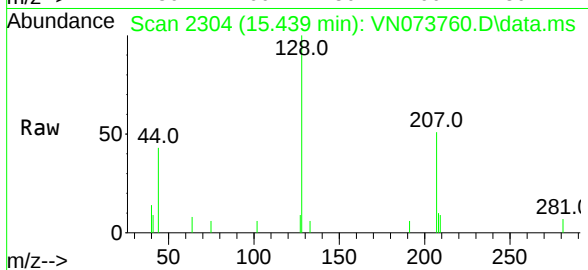
Tgt Ion: 75 Resp: 127187
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#





#95
Naphthalene
Concen: 0.276 ug/l
RT: 15.439 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN073760.D
Acq: 05 Aug 2022 14:16

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



Tgt Ion:	128	Resp:	4183
Ion	Ratio	Lower	Upper
128	100		
127	7.2	10.3	15.5#
129	5.1	8.6	13.0#

