

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081721\
 Data File : VN068178.D
 Acq On : 18 Aug 2021 6:47
 Operator : JC/MD
 Sample : M3432-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 50 Sample Multiplier: 1

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

Quant Time: Aug 18 08:42:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 13:09:49 2021
 Response via : Initial Calibration

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

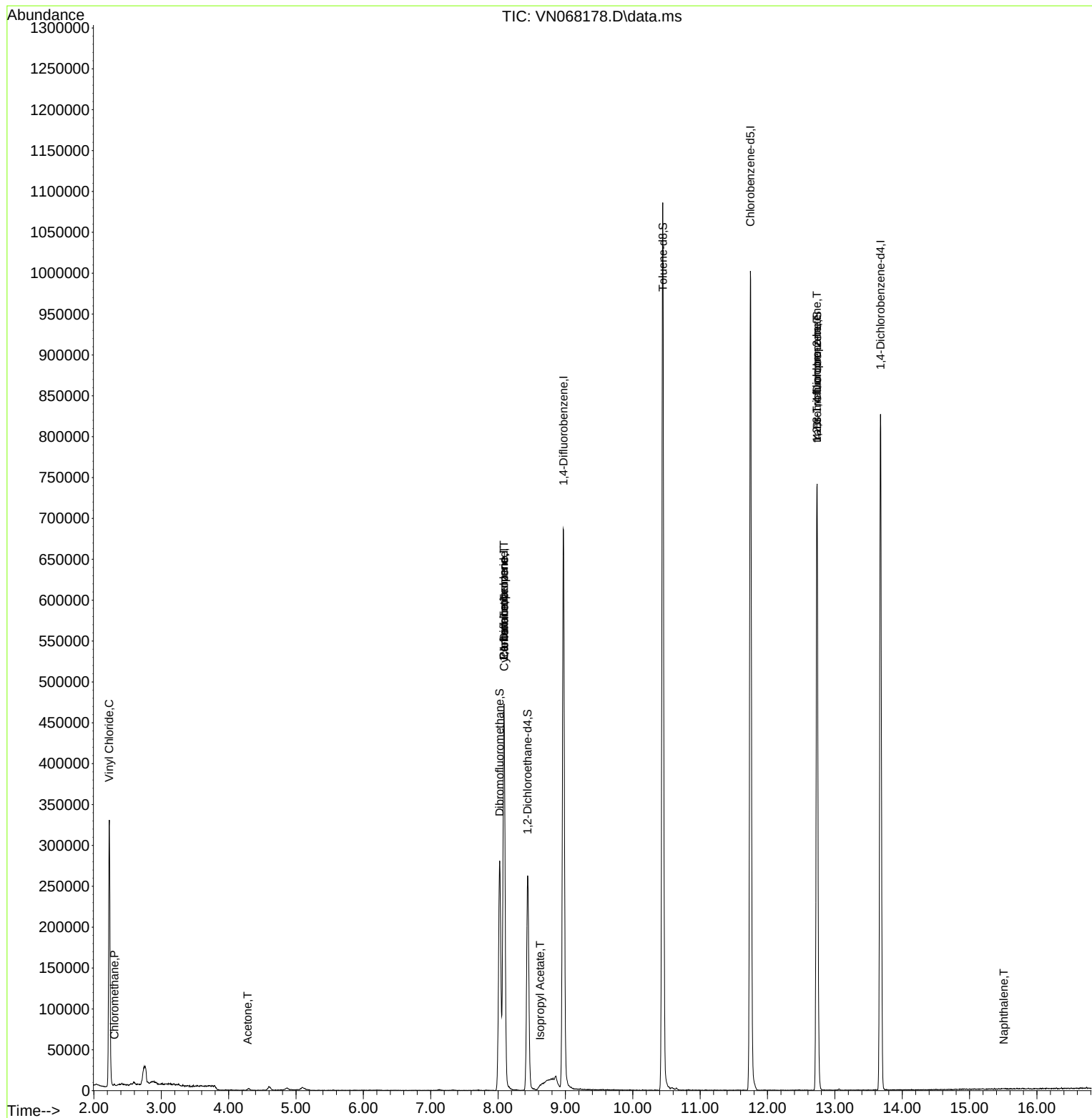
Internal Standards						
1) Pentafluorobenzene	8.088	168	394560	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	661069	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	651569	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	248380	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	225291	53.477	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.960%			
35) Dibromofluoromethane	8.024	113	203574	49.050	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 98.100%			
50) Toluene-d8	10.446	98	790778	50.004	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.000%			
62) 4-Bromofluorobenzene	12.736	95	257186	48.853	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 97.700%			
Target Compounds			Qvalue			
3) Chloromethane	2.303	50	1384	0.392	ug/l	99
4) Vinyl Chloride	2.226	62	3830	0.692	ug/l #	28
5) Bromomethane	2.861	94	1386	Below Cal		89
6) Chloroethane	3.033	64	54	Below Cal	#	44
13) Acrolein	4.036	56	281	Below Cal		90
16) Acetone	4.283	43	981	0.798	ug/l #	87
18) Methyl Acetate	4.867	43	4057	Below Cal	#	72
20) Methylene Chloride	5.087	84	1683	Below Cal	#	63
31) Cyclohexane	8.091	56	6614	1.192	ug/l #	1
36) 1,1-Dichloropropene	8.086	75	26522	4.908	ug/l #	52
38) Carbon Tetrachloride	8.088	117	37555	6.025	ug/l #	16
43) Isopropyl Acetate	8.625	43	3866	0.524	ug/l #	58
76) 1,2,3-Trichloropropane	12.733	75	131164	31.772	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.733	75	131164	104.089	ug/l #	6
95) Naphthalene	15.507	128	355	3.378	ug/l #	69

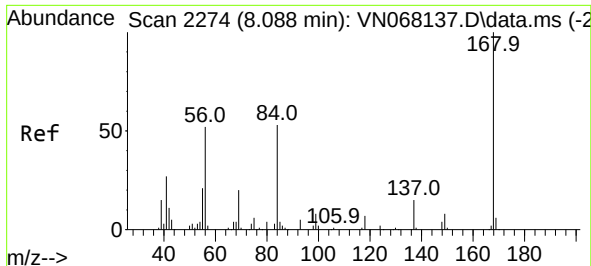
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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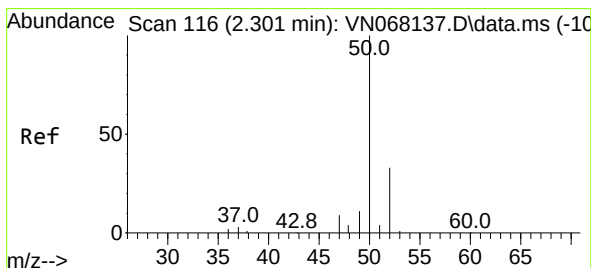
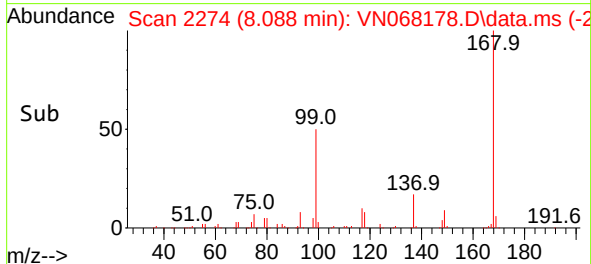
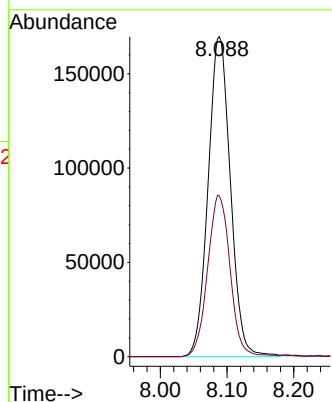
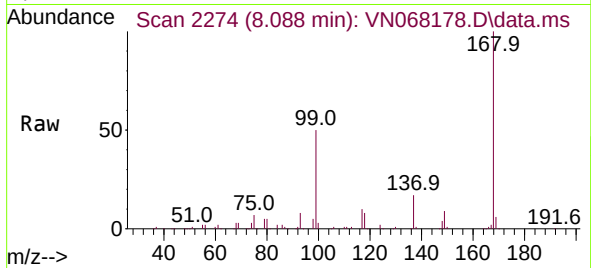




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068178.D
Acq: 18 Aug 2021 6:47

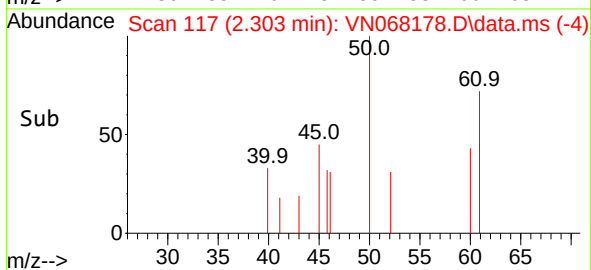
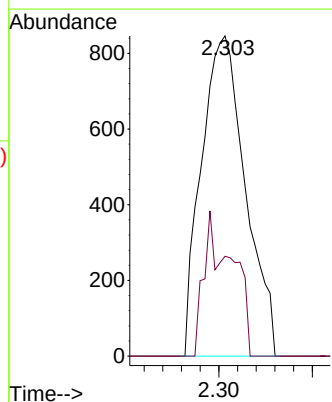
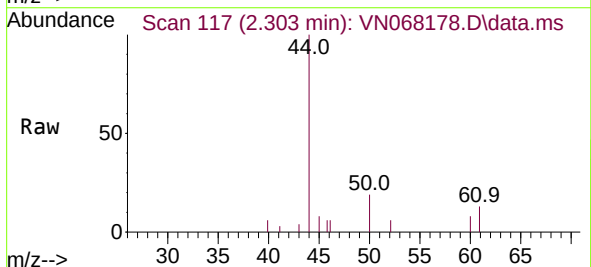
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

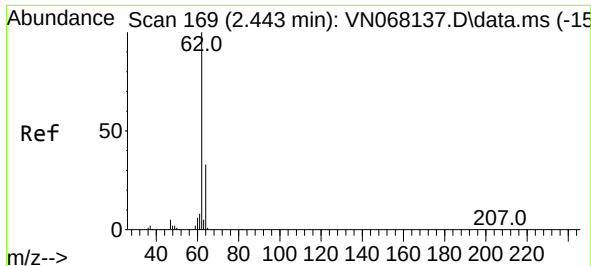
Tgt Ion:168 Resp: 394560
Ion Ratio Lower Upper
168 100
99 50.3 62.9 94.3#



#3
Chloromethane
Concen: 0.392 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.002 min
Lab File: VN068178.D
Acq: 18 Aug 2021 6:47

Tgt Ion: 50 Resp: 1384
Ion Ratio Lower Upper
50 100
52 31.2 25.6 38.4

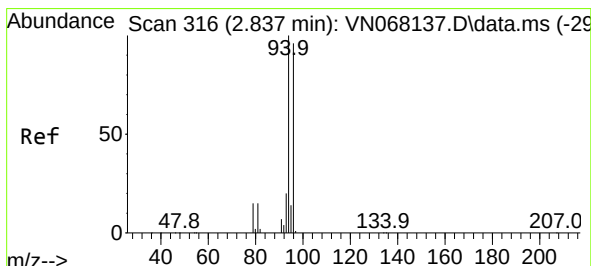
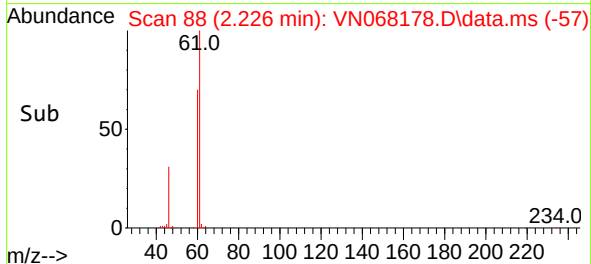
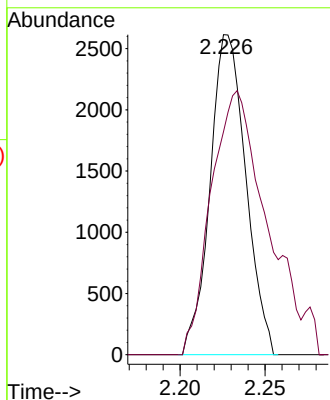
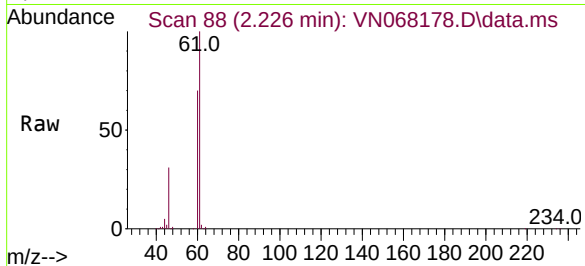




#4
 Vinyl Chloride
 Concen: 0.692 ug/l
 RT: 2.226 min Scan# 88
 Delta R.T. -0.217 min
 Lab File: VN068178.D
 Acq: 18 Aug 2021 6:47

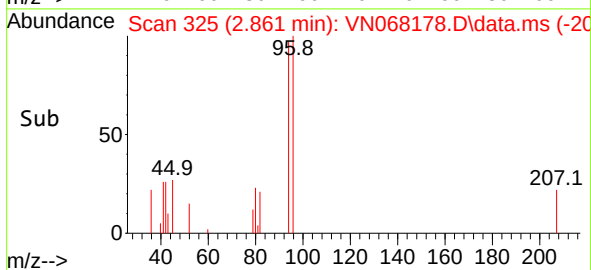
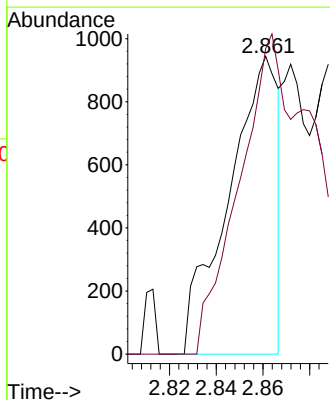
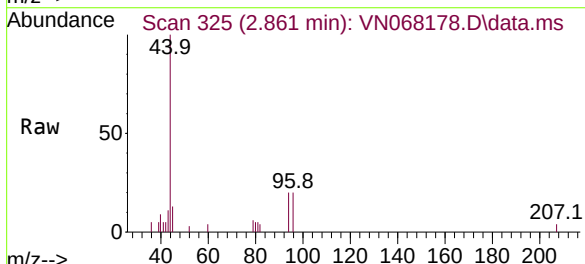
Instrument :
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 ClientSampleId :
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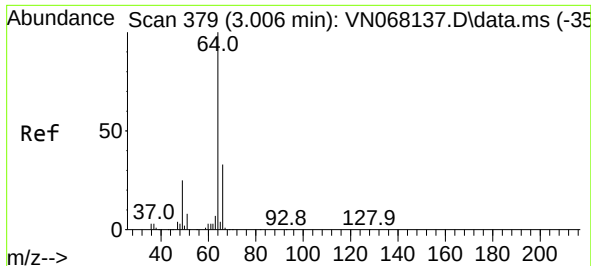
Tgt Ion: 62 Resp: 3830
 Ion Ratio Lower Upper
 62 100
 64 69.7 24.4 36.6#



#5
 Bromomethane
 Concen: Below Cal
 RT: 2.861 min Scan# 325
 Delta R.T. 0.024 min
 Lab File: VN068178.D
 Acq: 18 Aug 2021 6:47

Tgt Ion: 94 Resp: 1386
 Ion Ratio Lower Upper
 94 100
 96 102.6 73.7 110.5

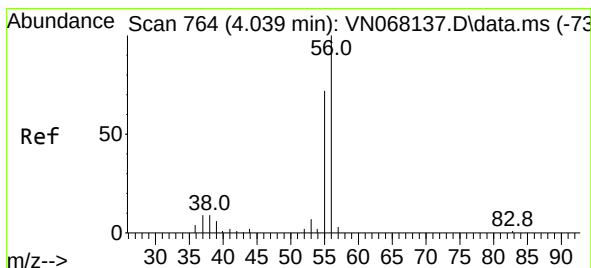
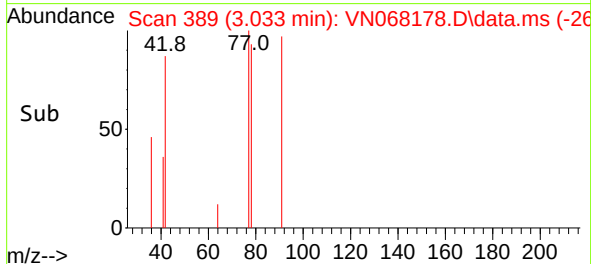
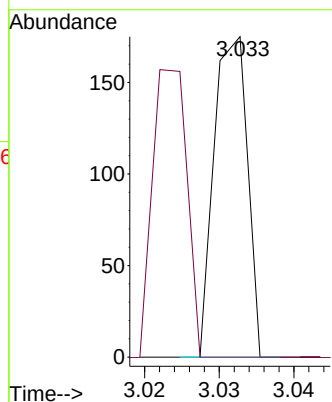
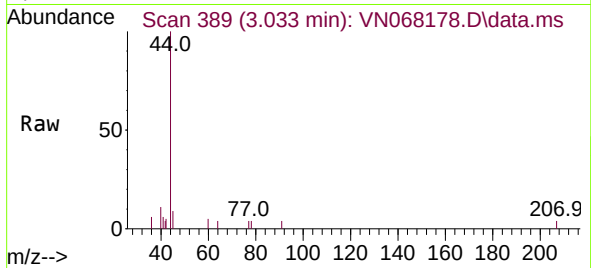




#6
Chloroethane
Concen: Below Cal
RT: 3.033 min Scan# 389
Delta R.T. 0.027 min
Lab File: VN068178.D
Acq: 18 Aug 2021 6:47

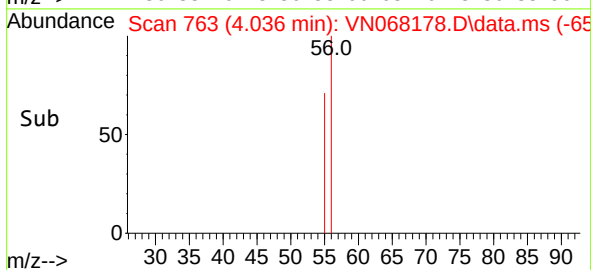
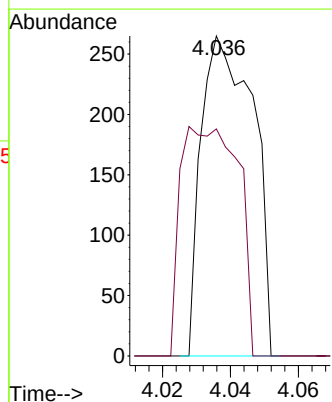
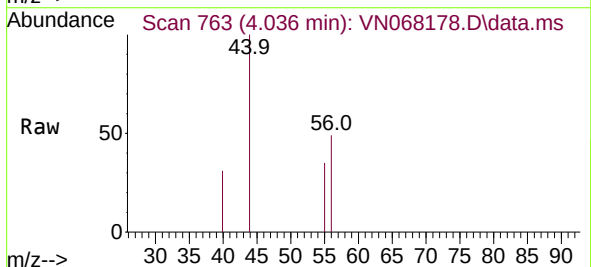
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

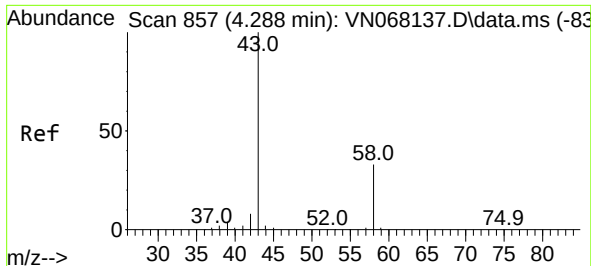
Tgt Ion: 64 Resp: 54
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#13
Acrolein
Concen: Below Cal
RT: 4.036 min Scan# 763
Delta R.T. -0.003 min
Lab File: VN068178.D
Acq: 18 Aug 2021 6:47

Tgt Ion: 56 Resp: 281
Ion Ratio Lower Upper
56 100
55 79.7 57.4 86.0

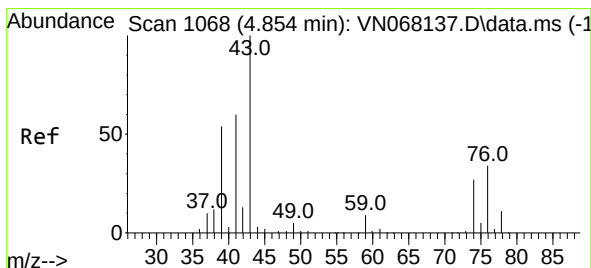
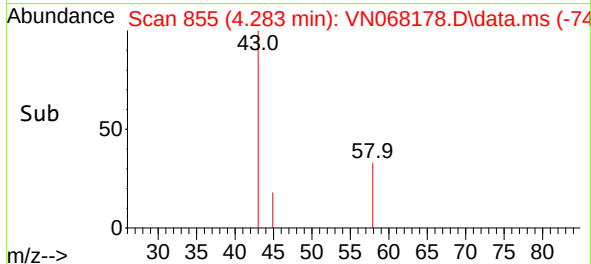
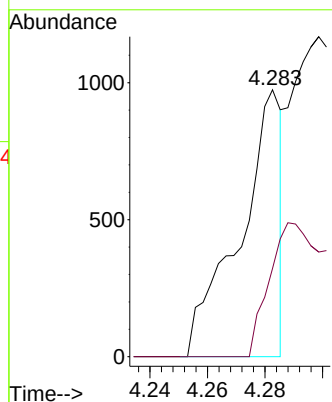
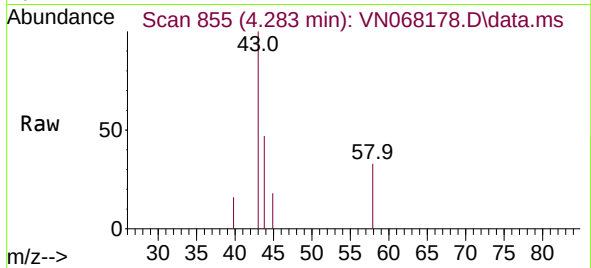




#16
Acetone
Concen: 0.798 ug/l
RT: 4.283 min Scan# 855
Delta R.T. -0.005 min
Lab File: VN068178.D
Acq: 18 Aug 2021 6:47

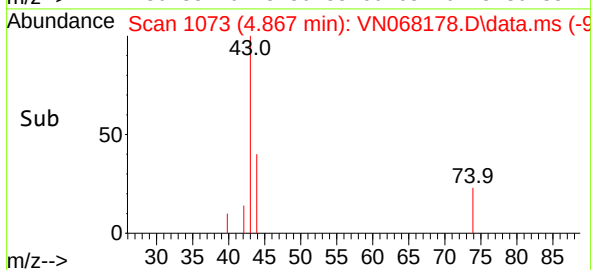
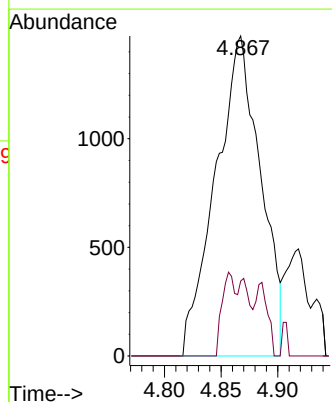
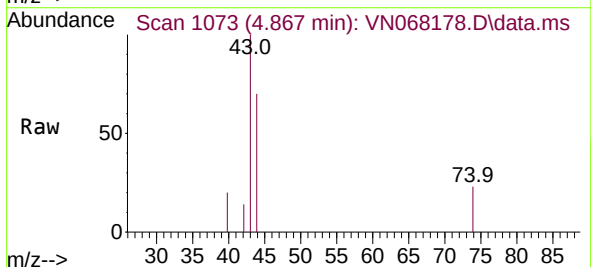
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

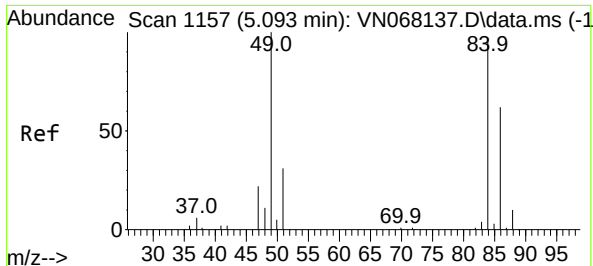
Tgt Ion: 43 Resp: 981
Ion Ratio Lower Upper
43 100
58 33.1 21.2 31.8#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.867 min Scan# 1073
Delta R.T. 0.013 min
Lab File: VN068178.D
Acq: 18 Aug 2021 6:47

Tgt Ion: 43 Resp: 4057
Ion Ratio Lower Upper
43 100
74 8.3 17.4 26.0#





#20

Methylene Chloride

Concen: Below Cal

RT: 5.087 min Scan# 1155

Delta R.T. -0.006 min

Lab File: VN068178.D

Acq: 18 Aug 2021 6:47

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

Tgt Ion: 84 Resp: 1683

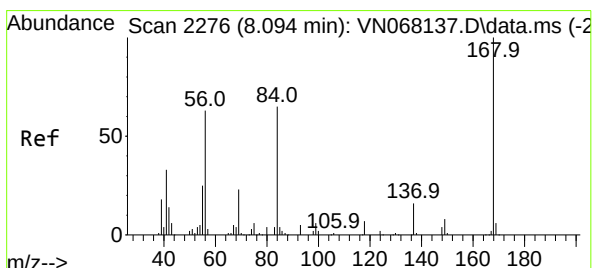
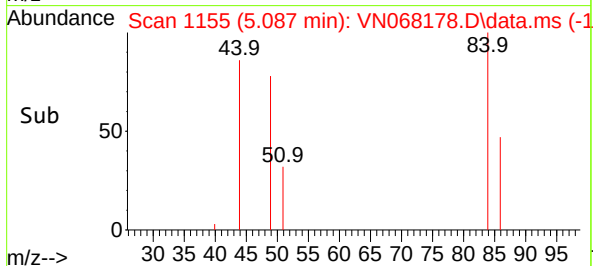
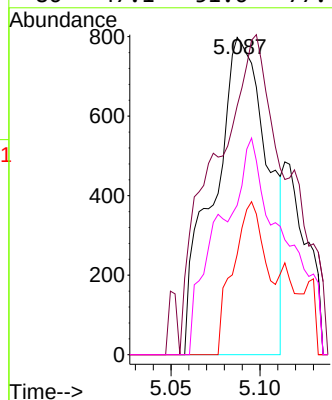
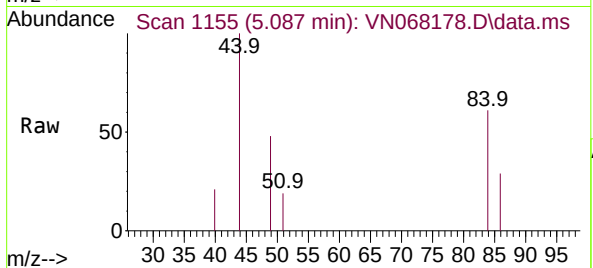
Ion Ratio Lower Upper

84 100

49 78.4 110.9 166.3#

51 31.6 32.6 49.0#

86 47.1 51.6 77.4#



#31

Cyclohexane

Concen: 1.192 ug/l

RT: 8.091 min Scan# 2275

Delta R.T. -0.003 min

Lab File: VN068178.D

Acq: 18 Aug 2021 6:47

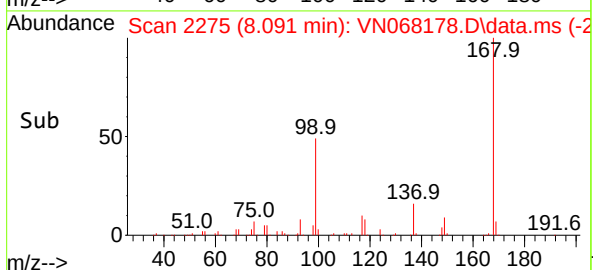
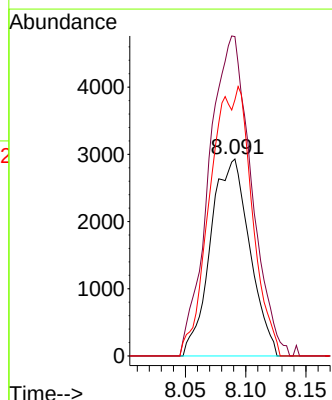
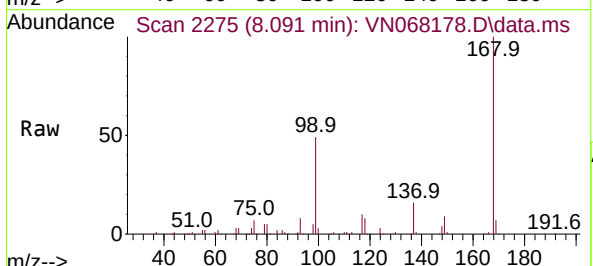
Tgt Ion: 56 Resp: 6614

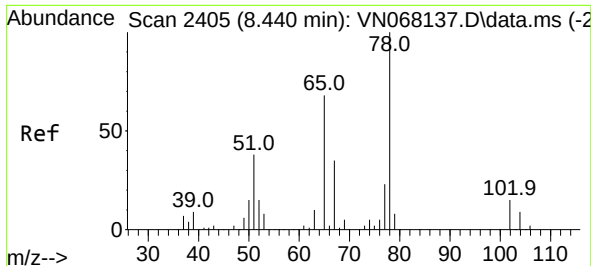
Ion Ratio Lower Upper

56 100

69 162.1 27.3 40.9#

84 130.0 64.9 97.3#

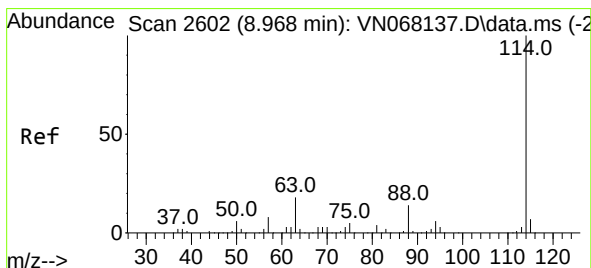
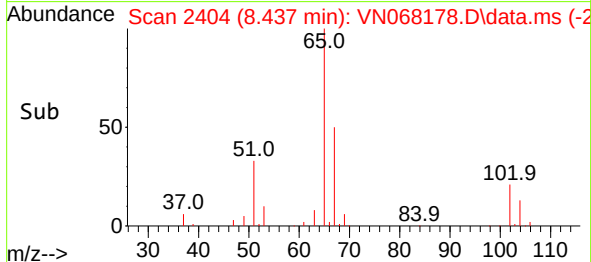
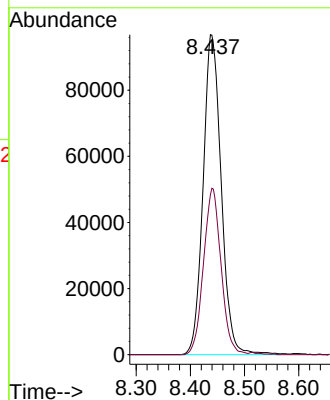
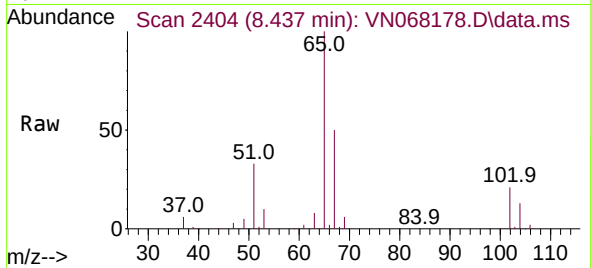




#33
 1,2-Dichloroethane-d4
 Concen: 53.477 ug/l
 RT: 8.437 min Scan# 2404
 Delta R.T. -0.003 min
 Lab File: VN068178.D
 Acq: 18 Aug 2021 6:47

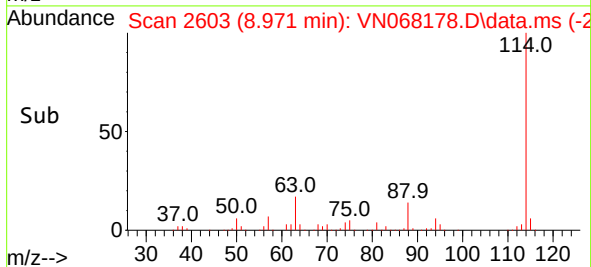
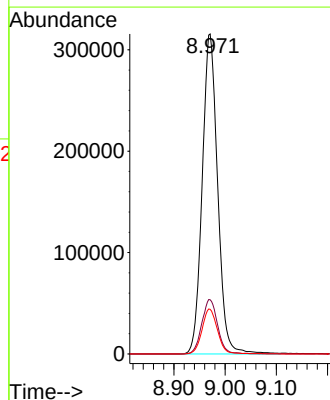
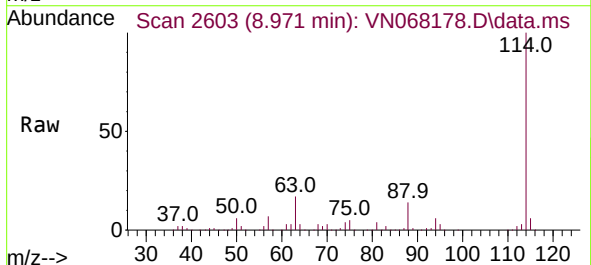
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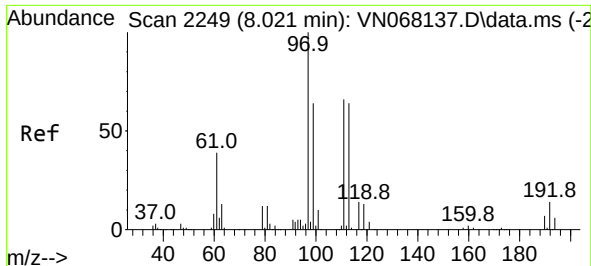
Tgt Ion: 65 Resp: 225291
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 98.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.971 min Scan# 2603
 Delta R.T. 0.003 min
 Lab File: VN068178.D
 Acq: 18 Aug 2021 6:47

Tgt Ion: 114 Resp: 661069
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 49.0
 88 14.0 0.0 36.6

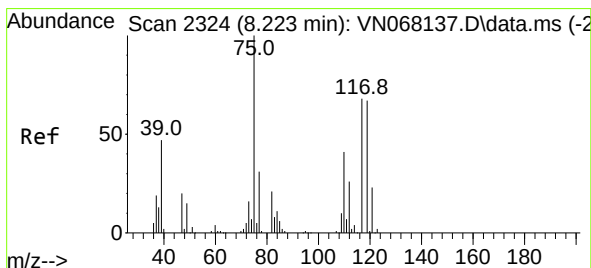
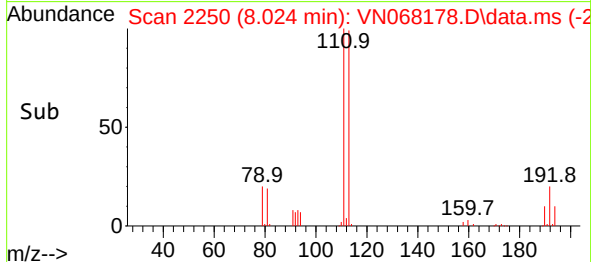
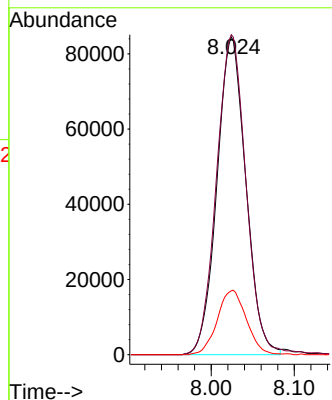
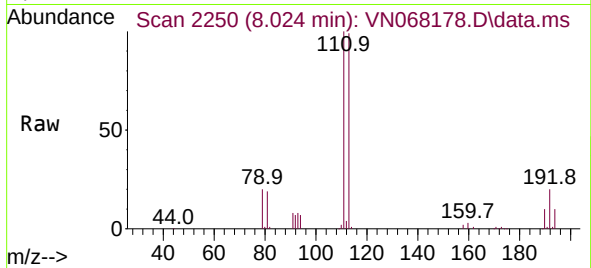




#35
Dibromofluoromethane
Concen: 49.050 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068178.D
Acq: 18 Aug 2021 6:47

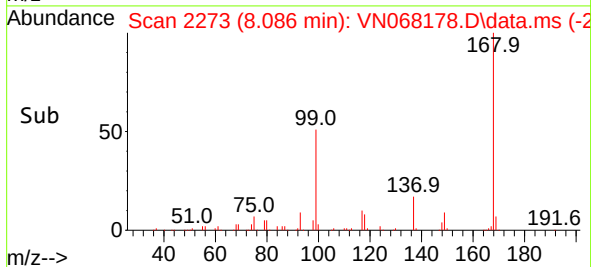
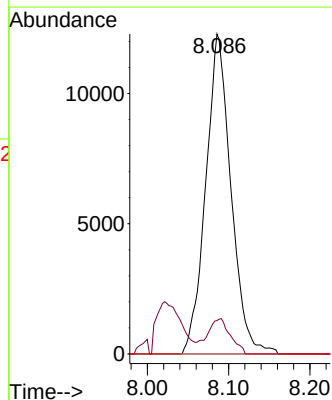
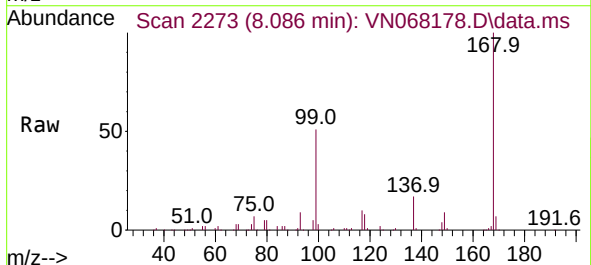
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

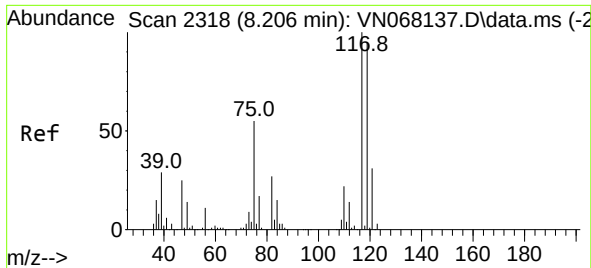
Tgt Ion:113 Resp: 203574
Ion Ratio Lower Upper
113 100
111 103.4 83.8 125.8
192 20.5 13.4 20.0#



#36
1,1-Dichloropropene
Concen: 4.908 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.137 min
Lab File: VN068178.D
Acq: 18 Aug 2021 6:47

Tgt Ion: 75 Resp: 26522
Ion Ratio Lower Upper
75 100
110 9.0 15.7 47.0#
77 0.0 24.6 37.0#

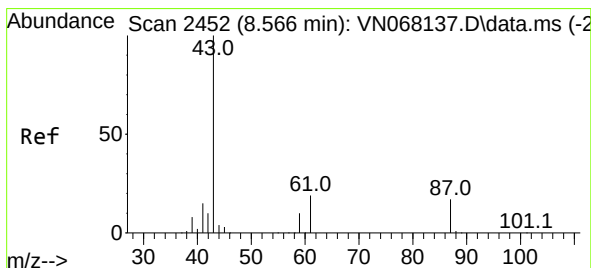
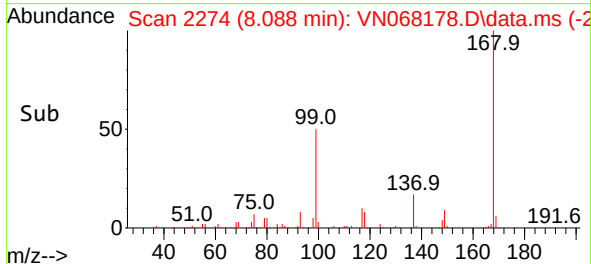
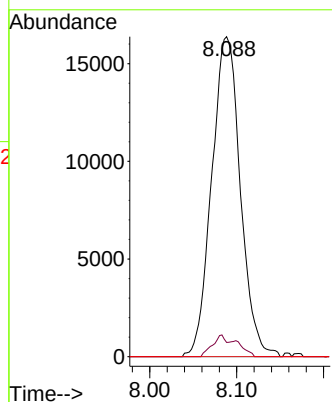
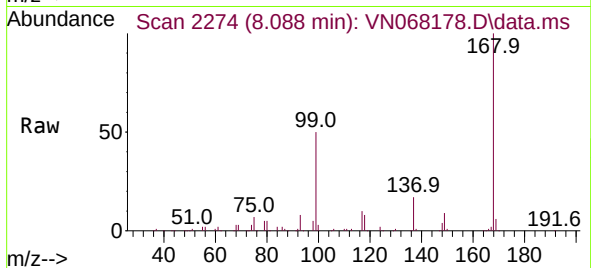




#38
Carbon Tetrachloride
Concen: 6.025 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.118 min
Lab File: VN068178.D
Acq: 18 Aug 2021 6:47

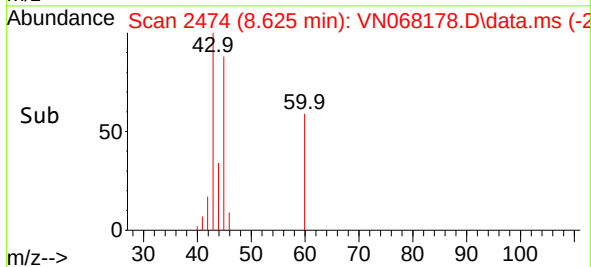
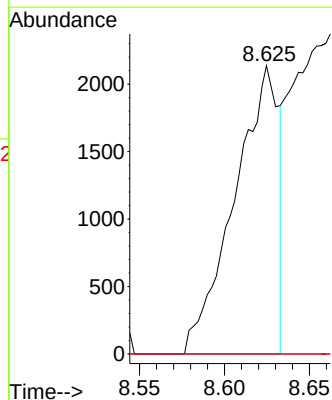
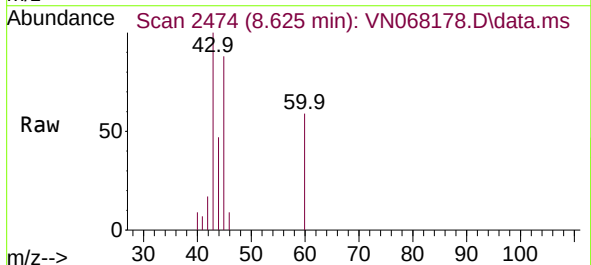
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

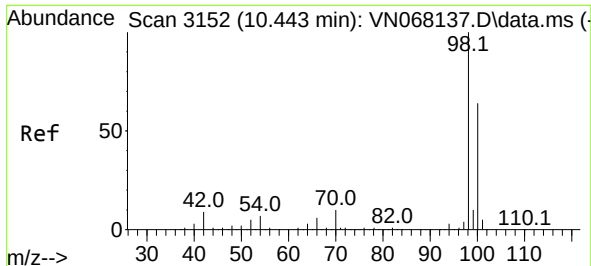
Tgt Ion:117 Resp: 37555
Ion Ratio Lower Upper
117 100
119 4.5 75.4 113.2#
121 0.0 23.5 35.3#



#43
Isopropyl Acetate
Concen: 0.524 ug/l
RT: 8.625 min Scan# 2474
Delta R.T. 0.059 min
Lab File: VN068178.D
Acq: 18 Aug 2021 6:47

Tgt Ion: 43 Resp: 3866
Ion Ratio Lower Upper
43 100
61 0.0 19.0 28.4#
87 0.0 9.5 14.3#

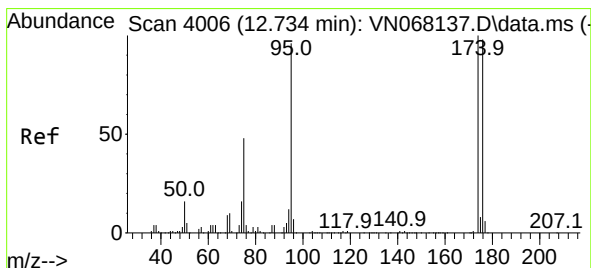
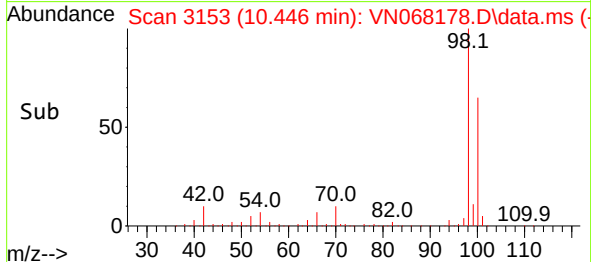
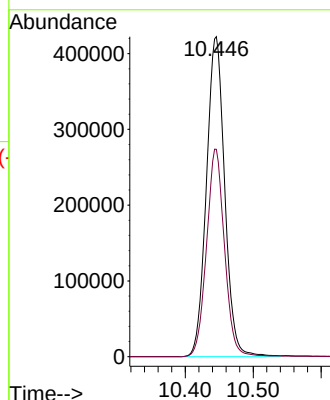
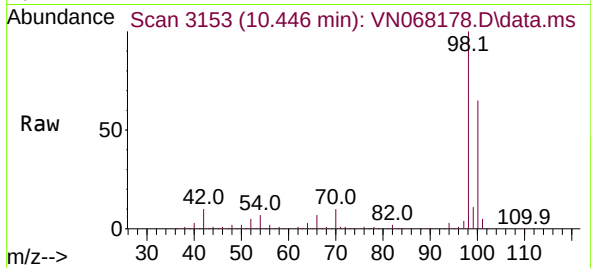




#50
Toluene-d8
Concen: 50.004 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN068178.D
Acq: 18 Aug 2021 6:47

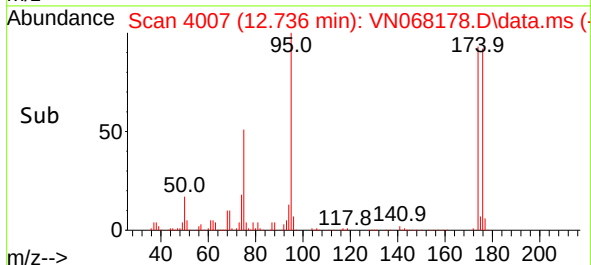
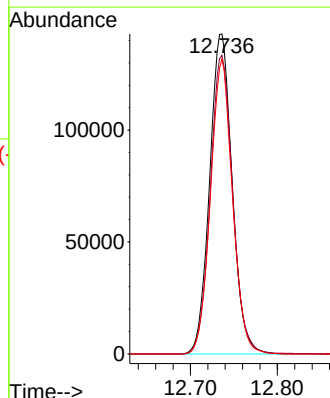
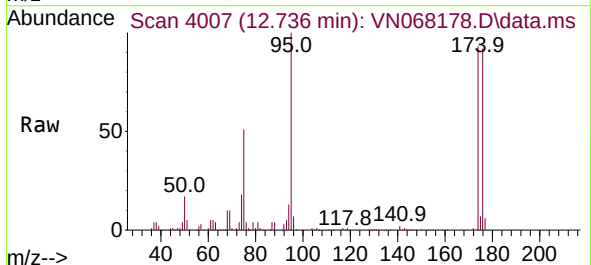
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

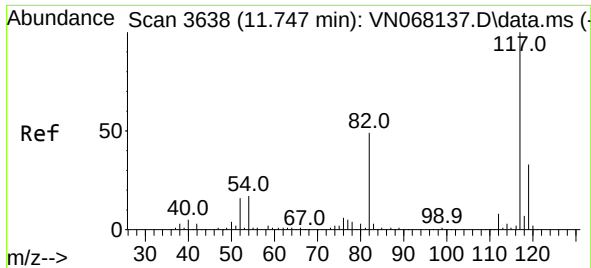
Tgt Ion: 98 Resp: 790778
Ion Ratio Lower Upper
98 100
100 63.5 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 48.853 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.002 min
Lab File: VN068178.D
Acq: 18 Aug 2021 6:47

Tgt Ion: 95 Resp: 257186
Ion Ratio Lower Upper
95 100
174 93.2 0.0 122.0
176 89.7 0.0 117.6

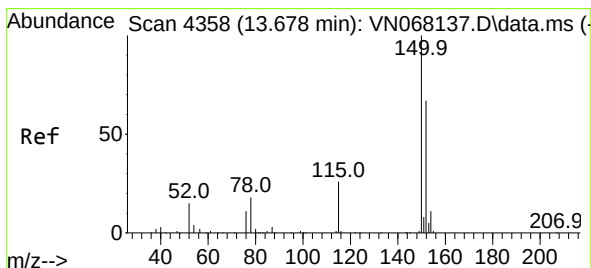
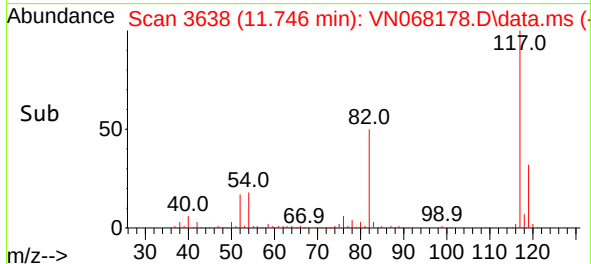
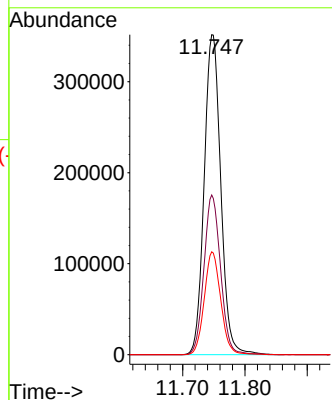
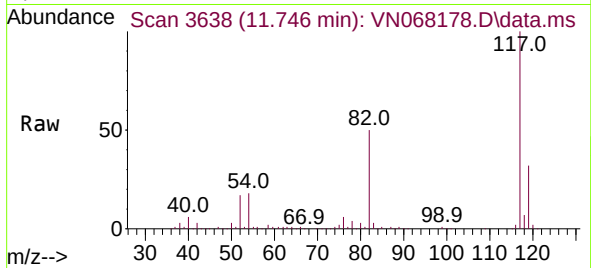




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VN068178.D
Acq: 18 Aug 2021 6:47

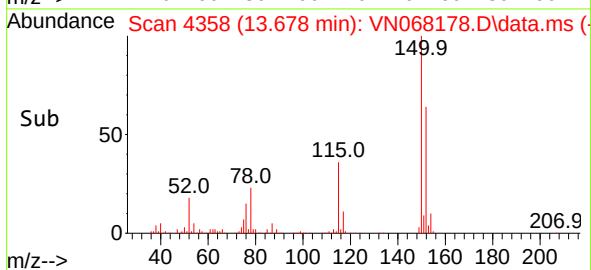
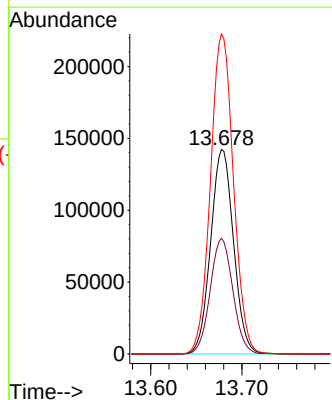
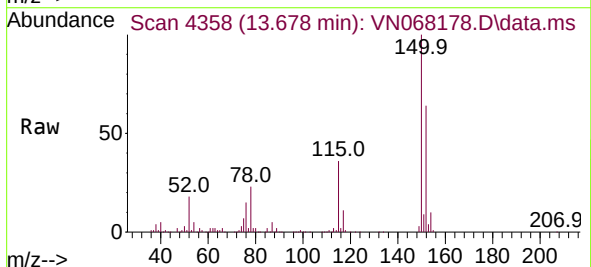
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

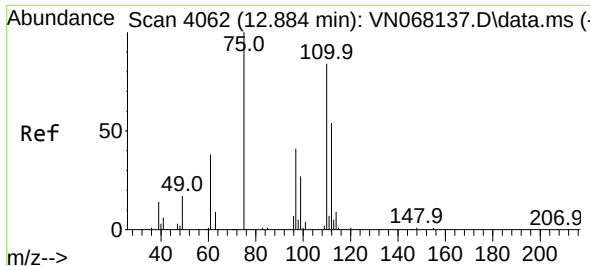
Tgt Ion:117 Resp: 651569
Ion Ratio Lower Upper
117 100
82 49.9 53.1 79.7#
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. -0.000 min
Lab File: VN068178.D
Acq: 18 Aug 2021 6:47

Tgt Ion:152 Resp: 248380
Ion Ratio Lower Upper
152 100
115 55.9 36.1 108.5
150 157.0 0.0 351.8

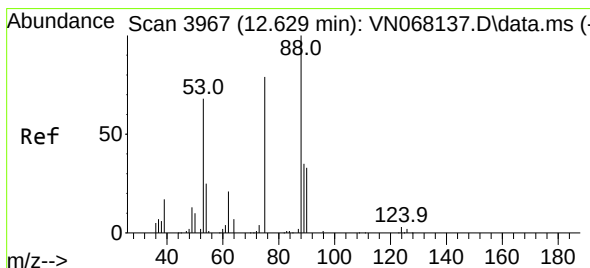
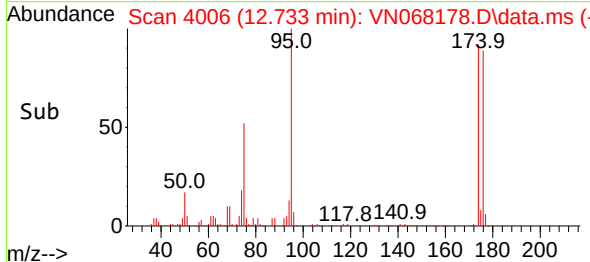
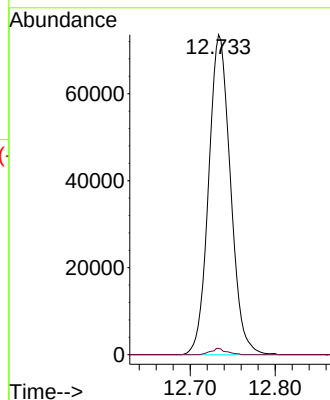
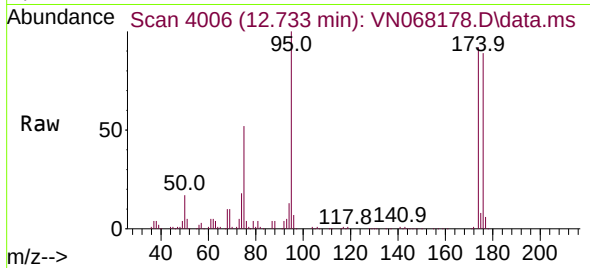




#76
1,2,3-Trichloropropane
Concen: 31.772 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.151 min
Lab File: VN068178.D
Acq: 18 Aug 2021 6:47

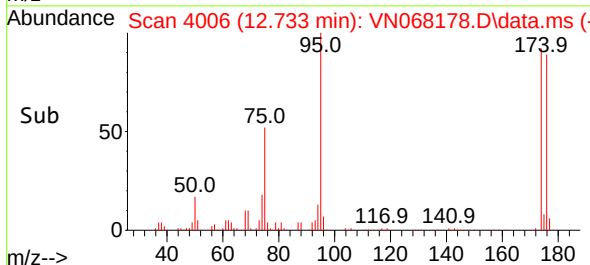
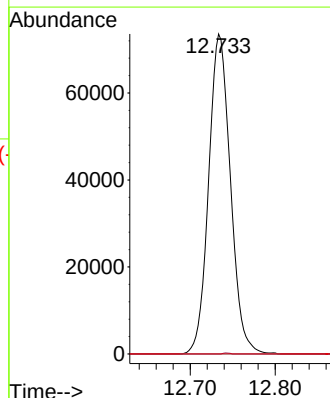
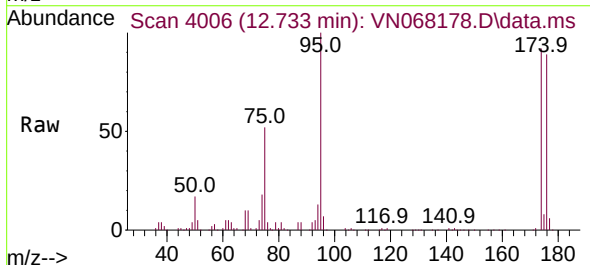
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

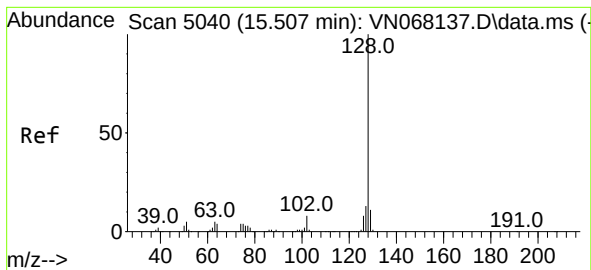
Tgt Ion: 75 Resp: 131164
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 104.089 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.104 min
Lab File: VN068178.D
Acq: 18 Aug 2021 6:47

Tgt Ion: 75 Resp: 131164
Ion Ratio Lower Upper
75 100
53 0.1 87.6 131.4#
89 0.0 37.8 56.8#





#95
Naphthalene
Concen: 3.378 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN068178.D
Acq: 18 Aug 2021 6:47

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

Tgt Ion:128 Resp: 355
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 12.8#

