

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083121\
 Data File : VX024051.D
 Acq On : 31 Aug 2021 17:58
 Operator : JC/MD
 Sample : M3581-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Sep 01 05:05:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

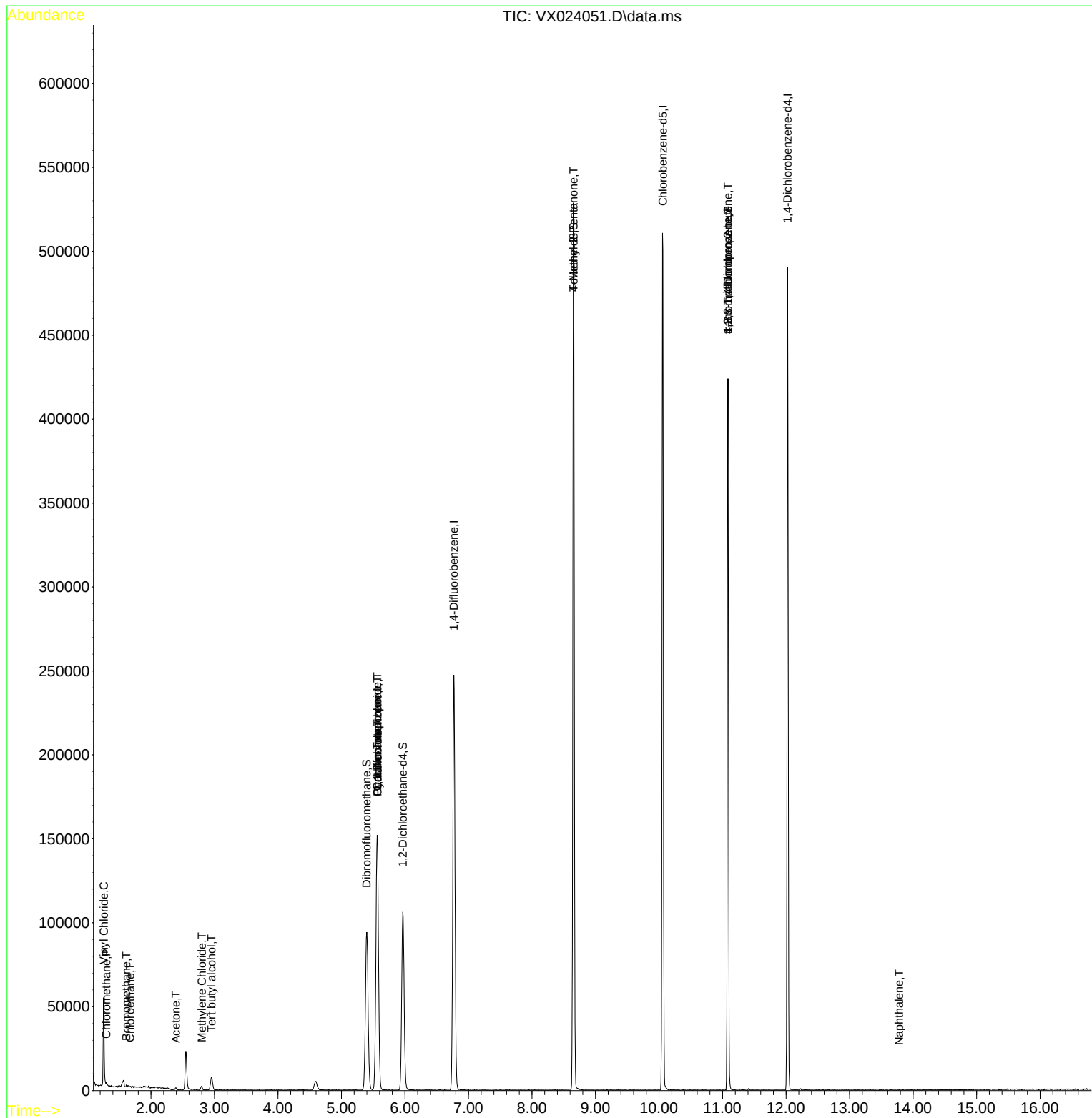
Internal Standards						
1) Pentafluorobenzene	5.568	168	139616	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	241530	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	226744	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95909	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	107755	55.299	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.600%			
35) Dibromofluoromethane	5.397	113	82157	51.392	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.780%			
50) Toluene-d8	8.653	98	293955	48.312	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.620%			
62) 4-Bromofluorobenzene	11.085	95	107114	47.822	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.640%			
Target Compounds						Qvalue
3) Chloromethane	1.295	50	452	0.280	ug/l	89
4) Vinyl Chloride	1.258	62	393	0.249	ug/l #	1
5) Bromomethane	1.612	94	324	0.327	ug/l #	53
6) Chloroethane	1.672	64	254	2.402	ug/l #	3
11) Tert butyl alcohol	2.953	59	4574	11.607	ug/l #	73
16) Acetone	2.392	43	1166	1.338	ug/l	94
20) Methylene Chloride	2.800	84	1052	0.632	ug/l #	87
31) Cyclohexane	5.568	56	3330	1.330	ug/l #	33
36) 1,1-Dichloropropene	5.562	75	11711	5.236	ug/l #	49
38) Carbon Tetrachloride	5.562	117	14775	6.335	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	1363	0.490	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	58456	26.128	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	58456	76.856	ug/l #	12
95) Naphthalene	13.780	128	53	1.290	ug/l #	69

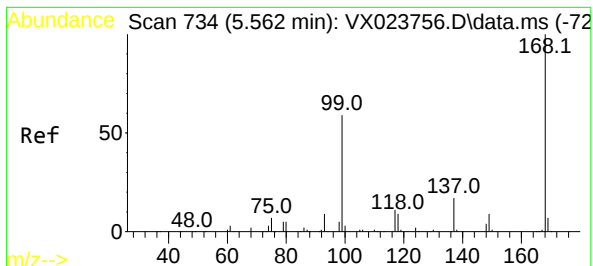
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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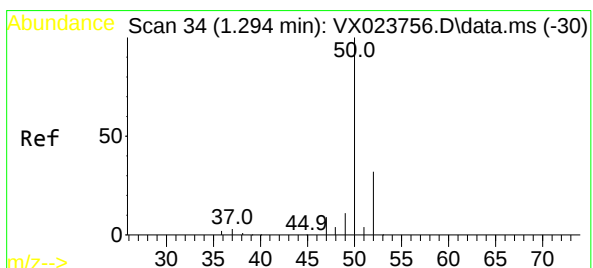
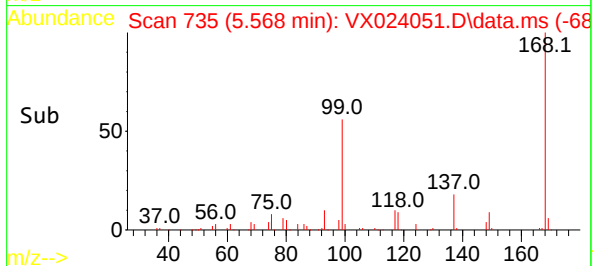
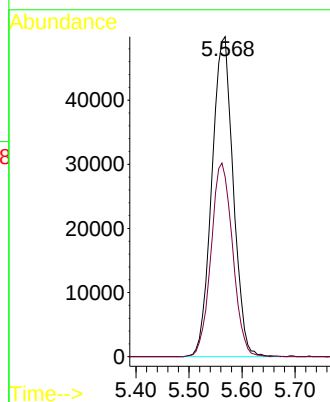
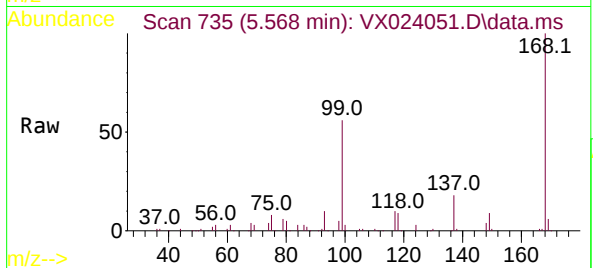




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX024051.D
Acq: 31 Aug 2021 17:58

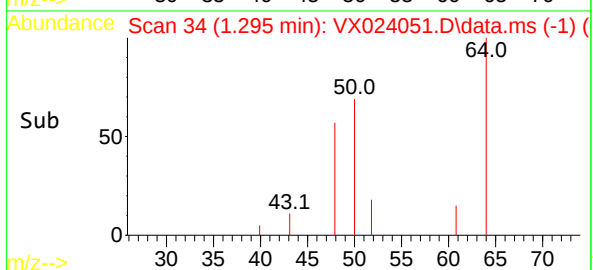
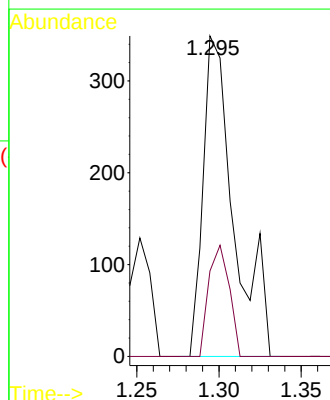
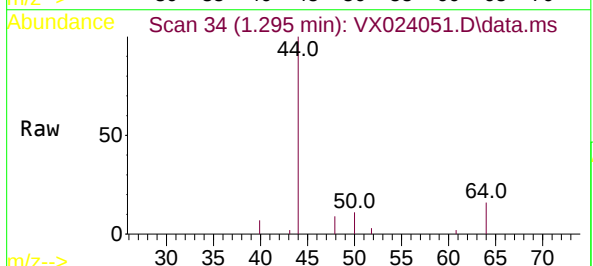
Instrument :
MSVOA_X
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STORAGE-BLANK-WATER-REF-4

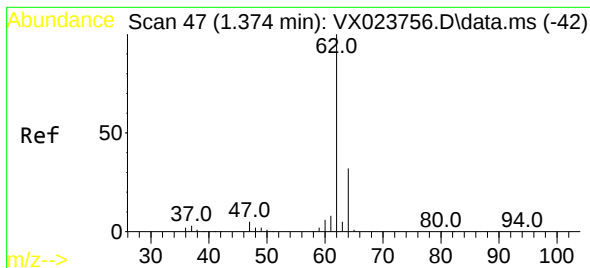
Tgt Ion:168 Resp: 139616
Ion Ratio Lower Upper
168 100
99 56.2 45.8 68.6



#3
Chloromethane
Concen: 0.280 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX024051.D
Acq: 31 Aug 2021 17:58

Tgt Ion: 50 Resp: 452
Ion Ratio Lower Upper
50 100
52 26.6 26.4 39.6

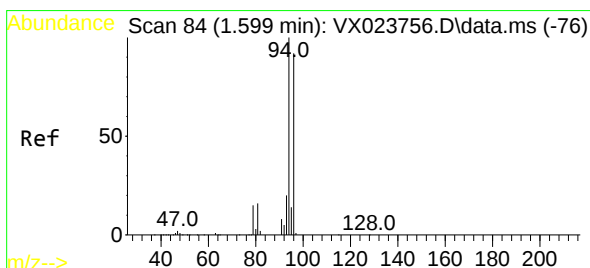
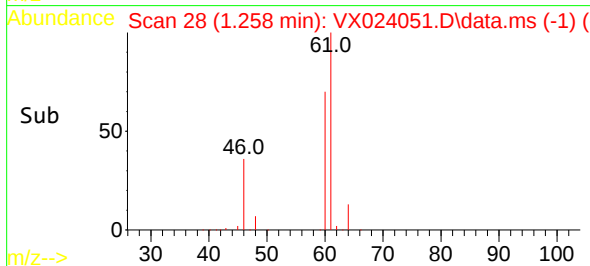
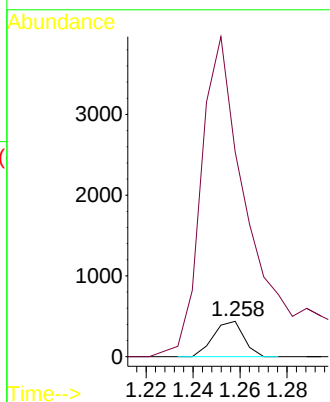
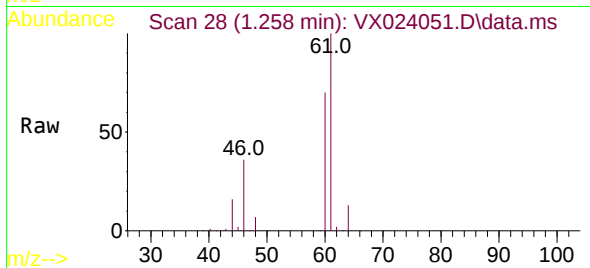




#4
 Vinyl Chloride
 Concen: 0.249 ug/l
 RT: 1.258 min Scan# 28
 Delta R.T. -0.116 min
 Lab File: VX024051.D
 Acq: 31 Aug 2021 17:58

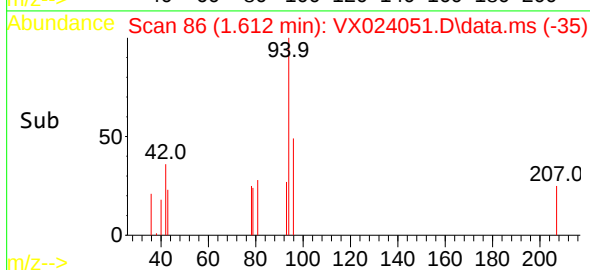
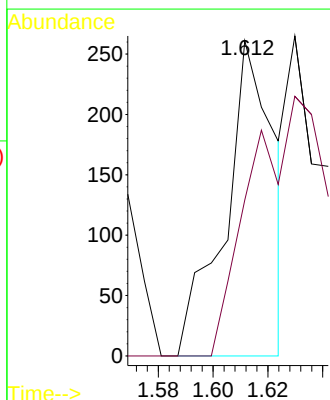
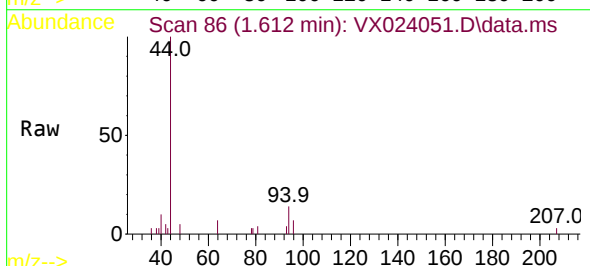
Instrument :
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 ClientSampleId :
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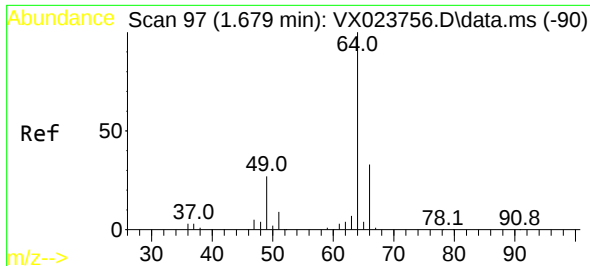
Tgt Ion: 62 Resp: 393
 Ion Ratio Lower Upper
 62 100
 64 549.8 25.7 38.5#



#5
 Bromomethane
 Concen: 0.327 ug/l
 RT: 1.612 min Scan# 86
 Delta R.T. 0.013 min
 Lab File: VX024051.D
 Acq: 31 Aug 2021 17:58

Tgt Ion: 94 Resp: 324
 Ion Ratio Lower Upper
 94 100
 96 49.4 76.4 114.6#

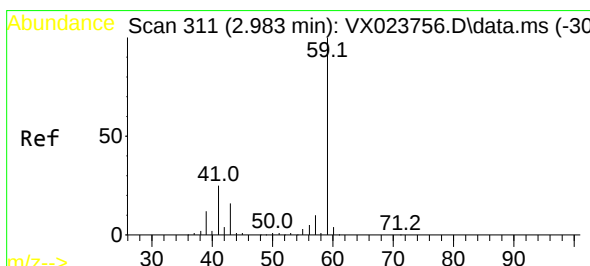
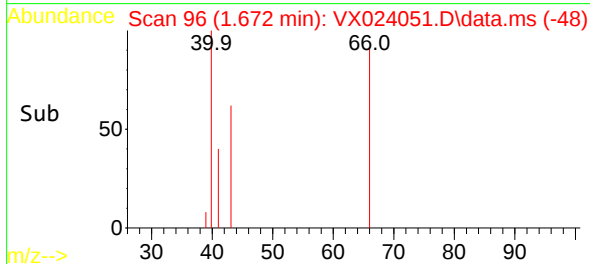
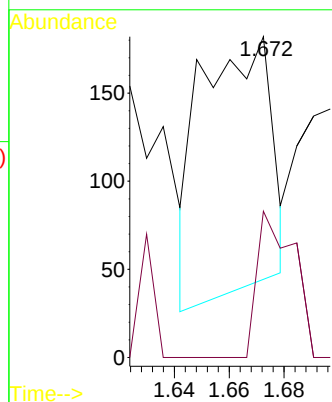
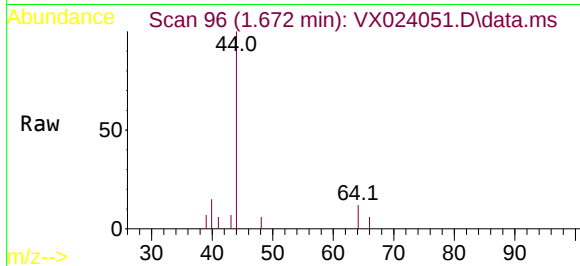




#6
Chloroethane
Concen: 2.402 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.007 min
Lab File: VX024051.D
Acq: 31 Aug 2021 17:58

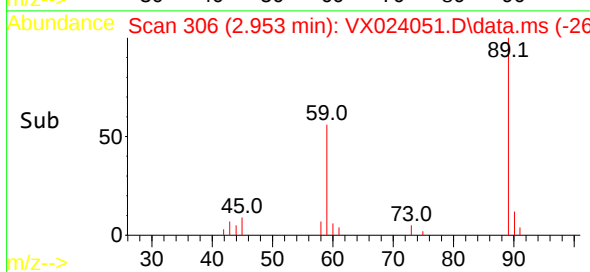
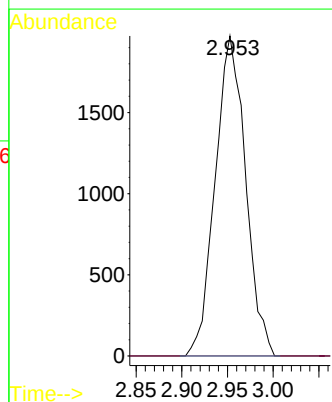
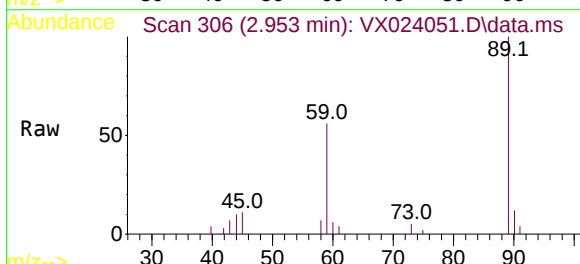
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

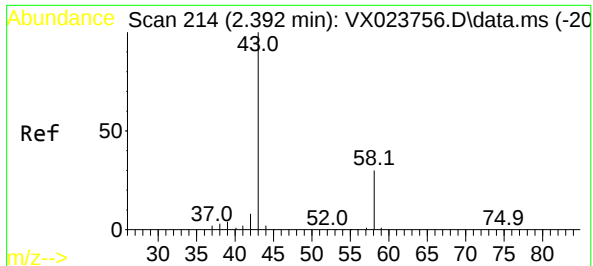
Tgt Ion: 64 Resp: 254
Ion Ratio Lower Upper
64 100
66 85.6 25.4 38.0#



#11
Tert butyl alcohol
Concen: 11.607 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX024051.D
Acq: 31 Aug 2021 17:58

Tgt Ion: 59 Resp: 4574
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

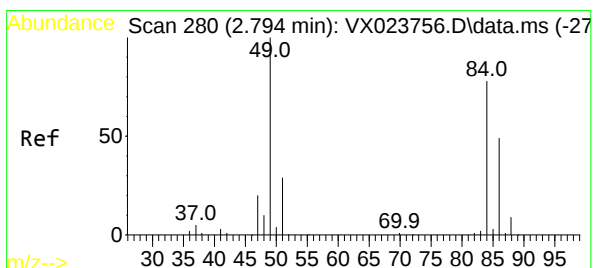
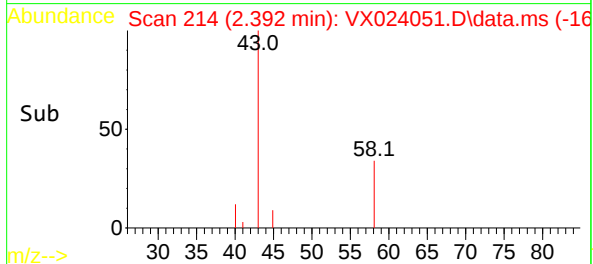
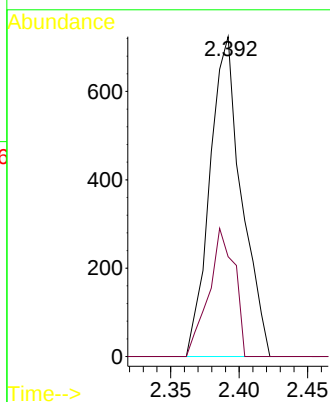
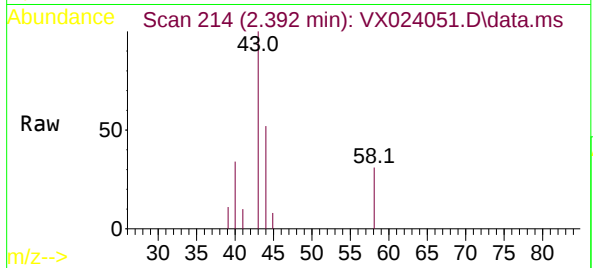




#16
Acetone
Concen: 1.338 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX024051.D
Acq: 31 Aug 2021 17:58

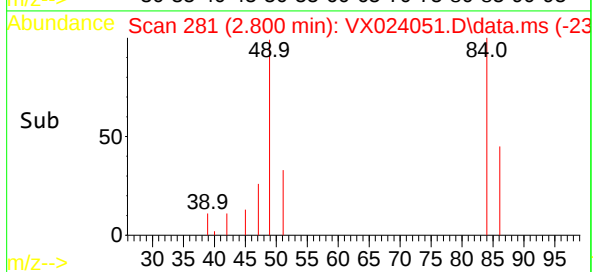
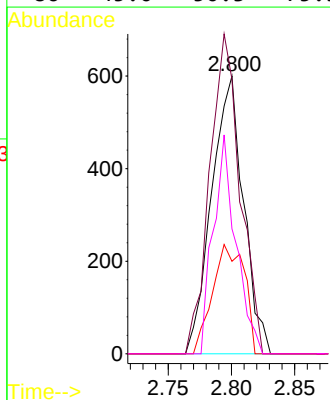
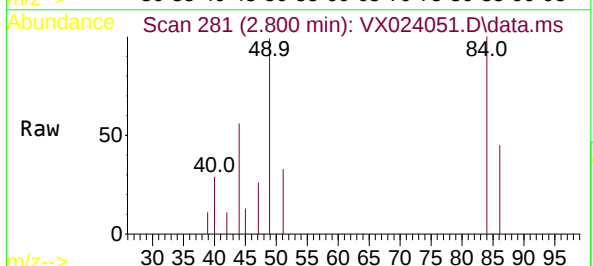
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

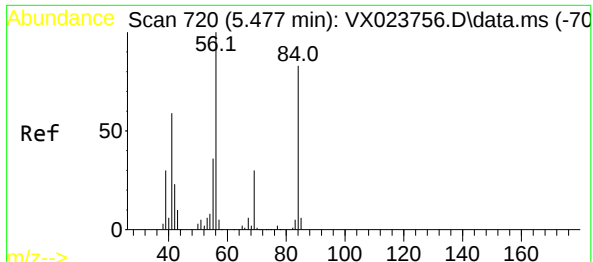
Tgt Ion: 43 Resp: 1166
Ion Ratio Lower Upper
43 100
58 31.2 27.8 41.8



#20
Methylene Chloride
Concen: 0.632 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX024051.D
Acq: 31 Aug 2021 17:58

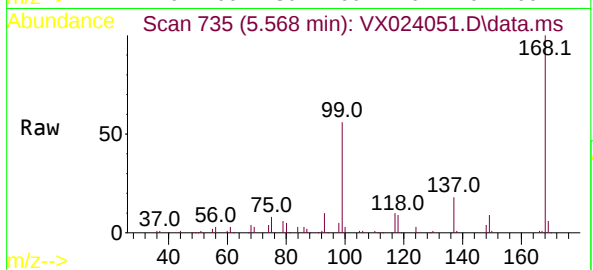
Tgt Ion: 84 Resp: 1052
Ion Ratio Lower Upper
84 100
49 98.8 88.6 132.8
51 33.3 27.0 40.6
86 45.0 50.3 75.5#



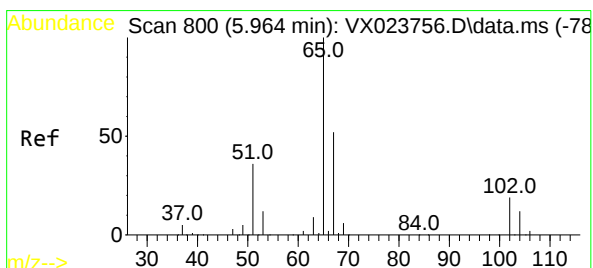
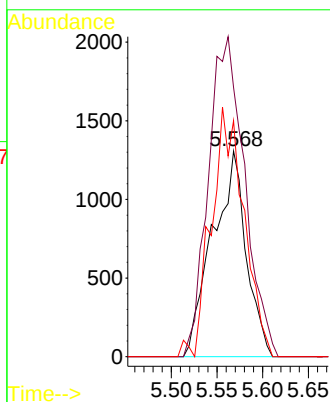
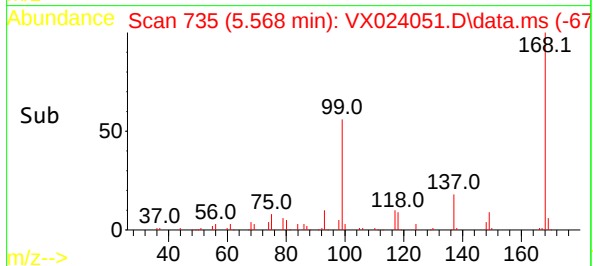


#31
Cyclohexane
Concen: 1.330 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.091 min
Lab File: VX024051.D
Acq: 31 Aug 2021 17:58

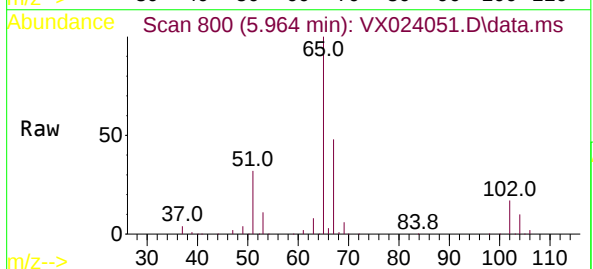
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4



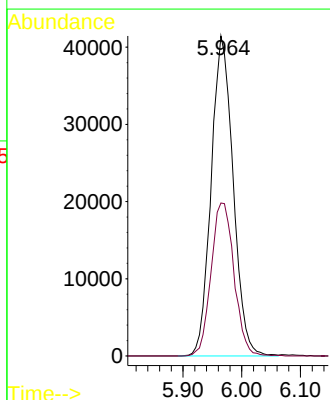
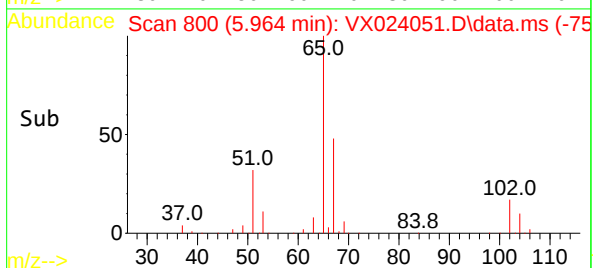
Tgt Ion: 56 Resp: 3330
Ion Ratio Lower Upper
56 100
69 131.0 25.3 37.9#
84 114.8 71.4 107.0#

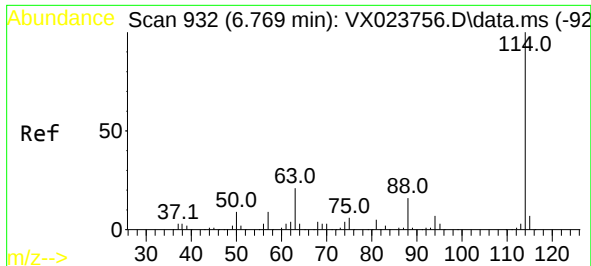


#33
1,2-Dichloroethane-d4
Concen: 55.299 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024051.D
Acq: 31 Aug 2021 17:58



Tgt Ion: 65 Resp: 107755
Ion Ratio Lower Upper
65 100
67 49.9 0.0 105.4

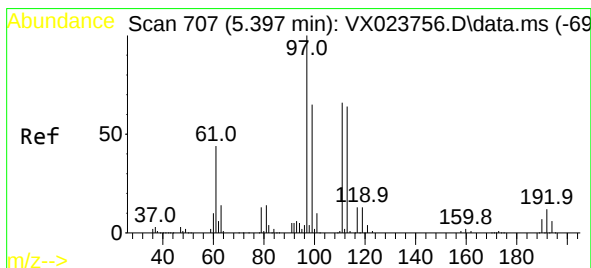
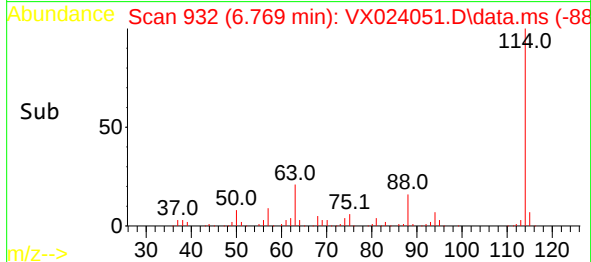
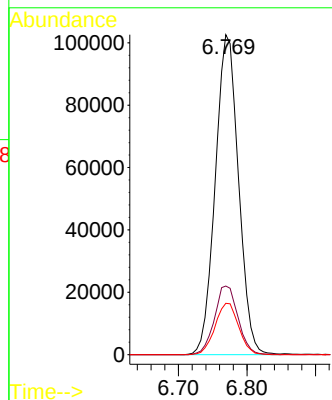
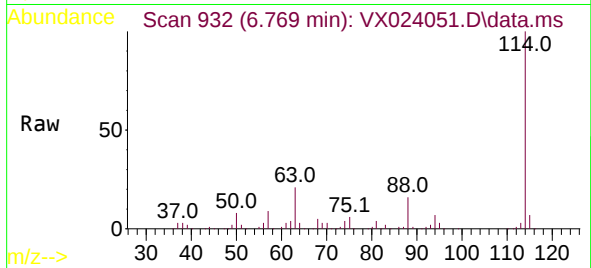




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024051.D
Acq: 31 Aug 2021 17:58

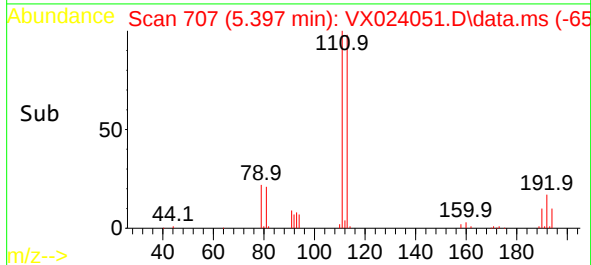
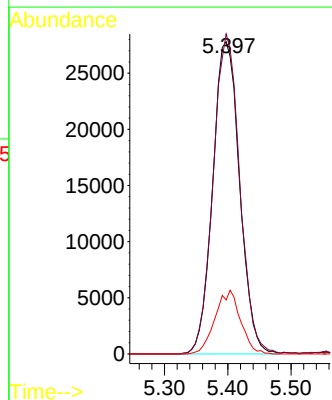
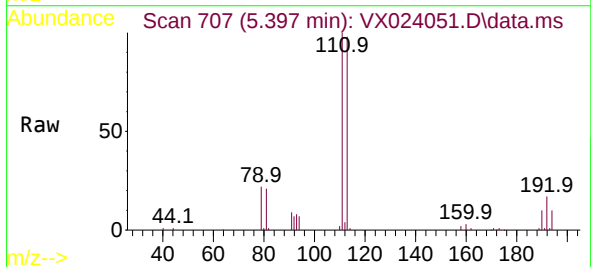
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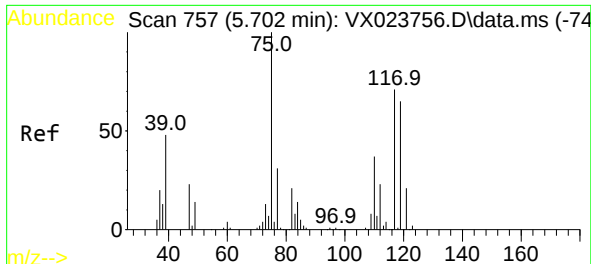
Tgt Ion:114 Resp: 241530
Ion Ratio Lower Upper
114 100
63 21.5 0.0 40.8
88 16.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.392 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024051.D
Acq: 31 Aug 2021 17:58

Tgt Ion:113 Resp: 82157
Ion Ratio Lower Upper
113 100
111 101.4 81.9 122.9
192 19.2 16.7 25.1

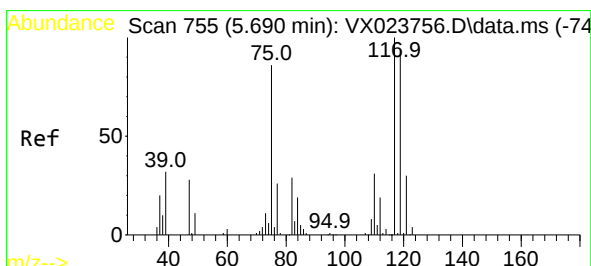
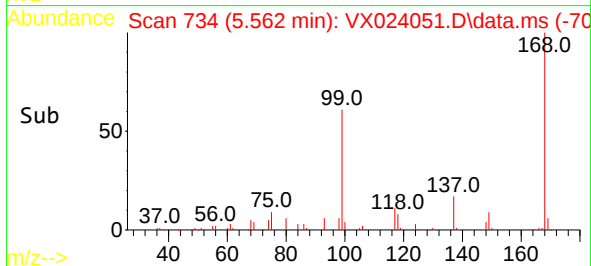
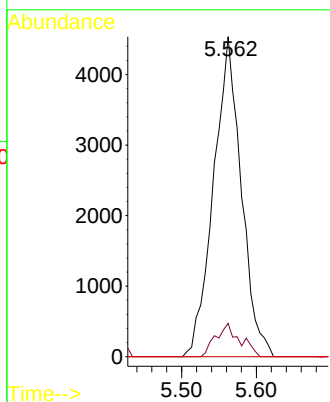
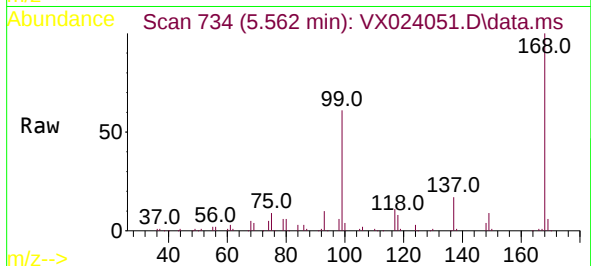




#36
1,1-Dichloropropene
Concen: 5.236 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX024051.D
Acq: 31 Aug 2021 17:58

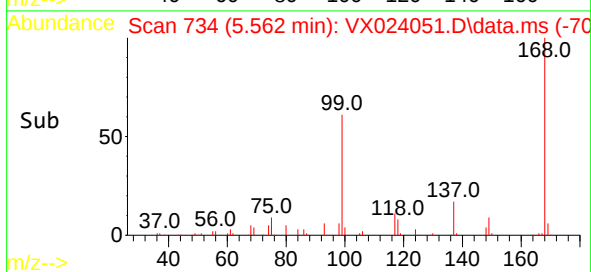
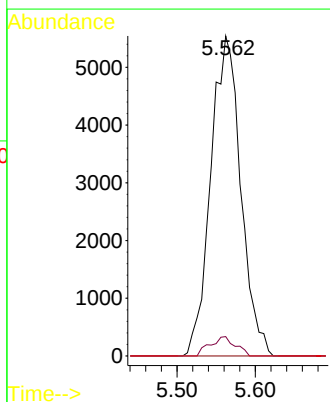
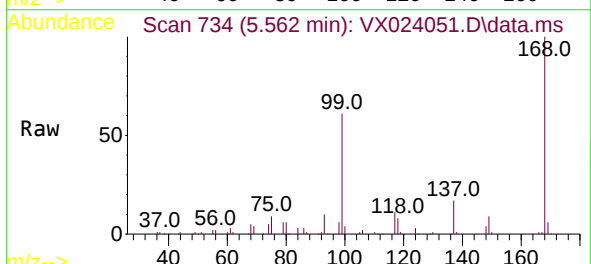
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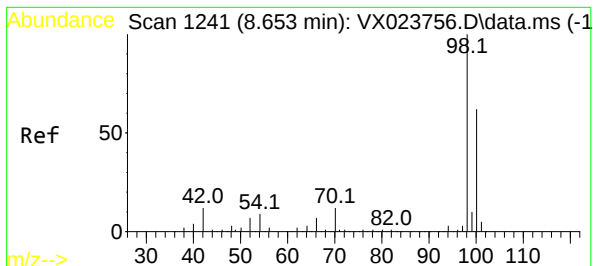
Tgt Ion: 75 Resp: 11711
Ion Ratio Lower Upper
75 100
110 9.0 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.335 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX024051.D
Acq: 31 Aug 2021 17:58

Tgt Ion: 117 Resp: 14775
Ion Ratio Lower Upper
117 100
119 6.0 76.2 114.2#
121 0.0 24.8 37.2#

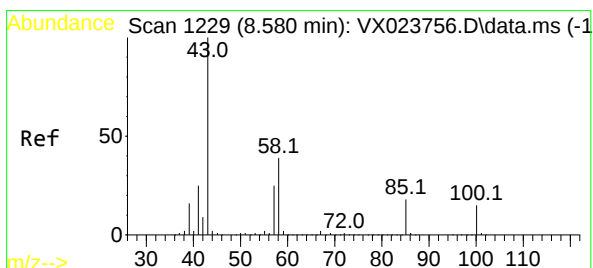
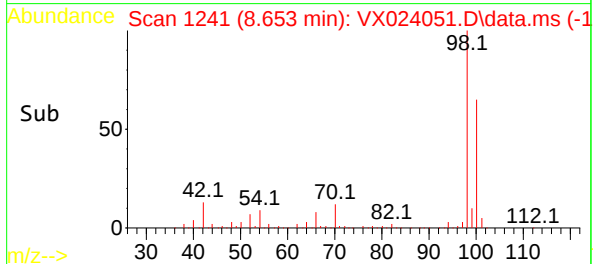
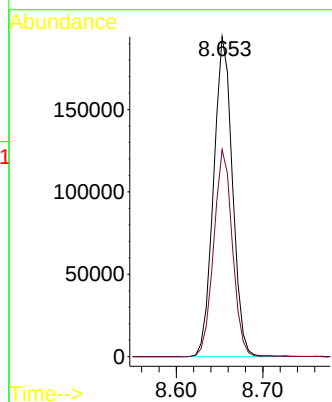
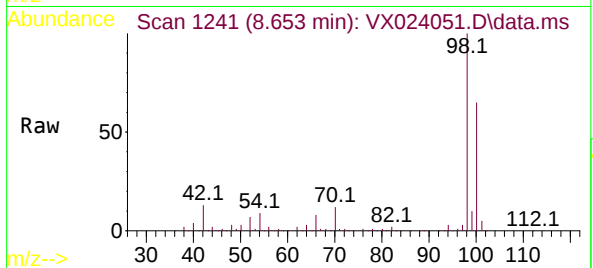




#50
Toluene-d8
Concen: 48.312 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024051.D
Acq: 31 Aug 2021 17:58

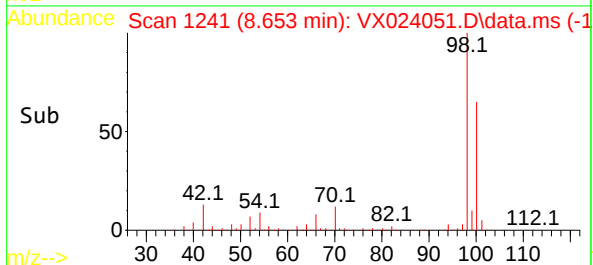
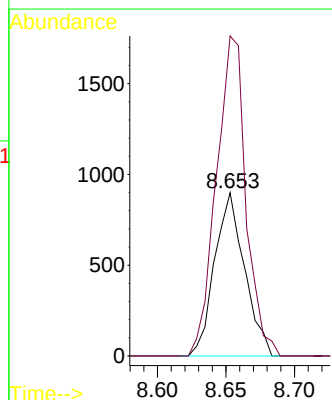
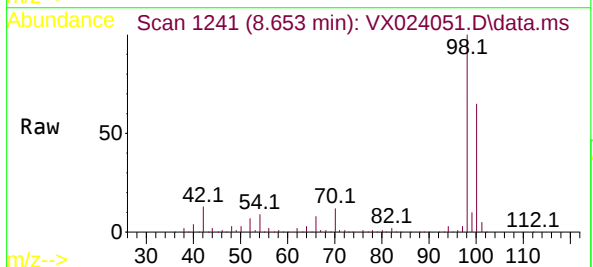
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

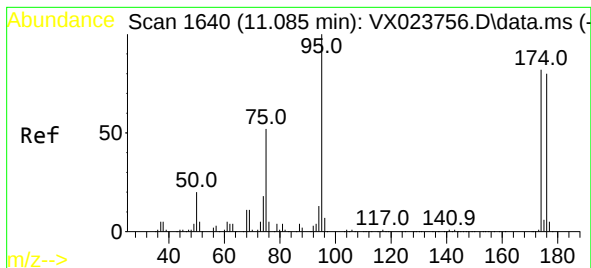
Tgt Ion: 98 Resp: 293955
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.490 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX024051.D
Acq: 31 Aug 2021 17:58

Tgt Ion: 43 Resp: 1363
Ion Ratio Lower Upper
43 100
58 194.7 35.4 53.0#

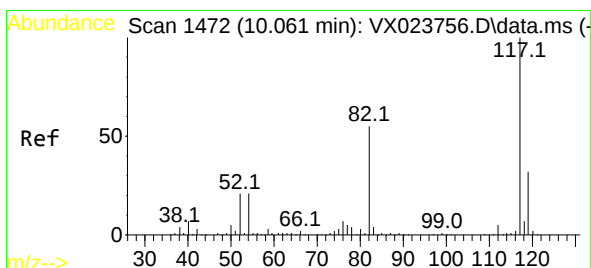
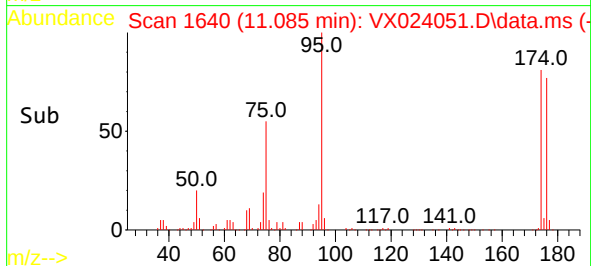
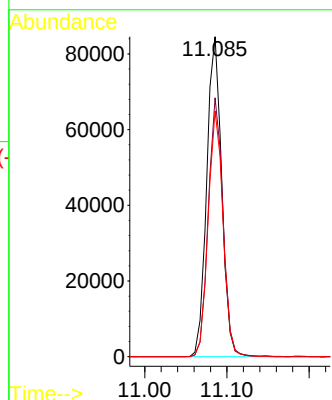
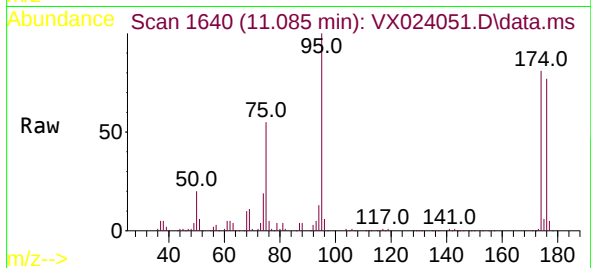




#62
4-Bromofluorobenzene
Concen: 47.822 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024051.D
Acq: 31 Aug 2021 17:58

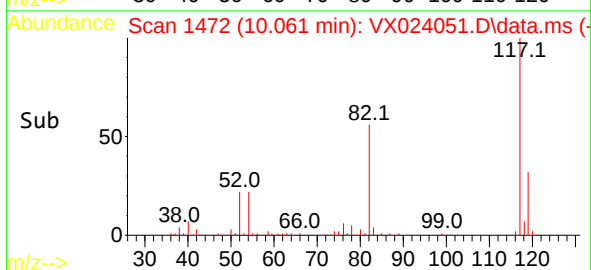
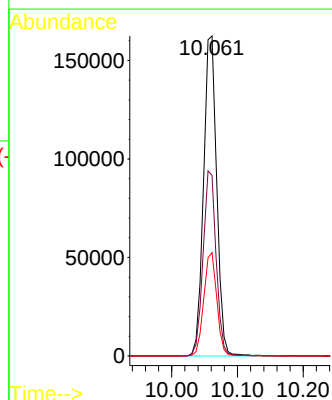
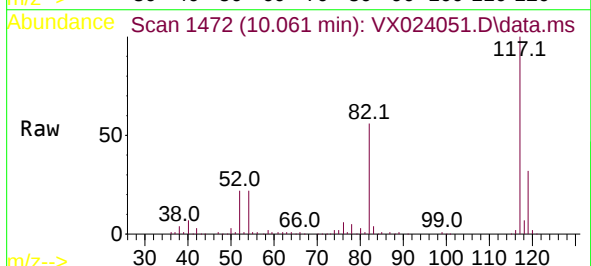
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

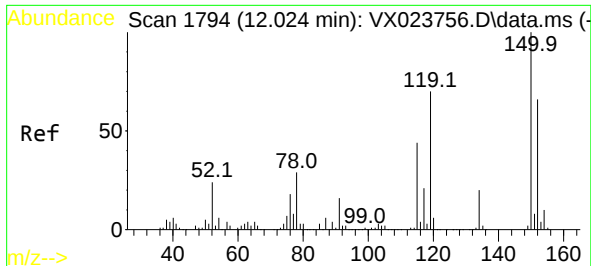
Tgt Ion: 95 Resp: 107114
Ion Ratio Lower Upper
95 100
174 79.5 0.0 154.6
176 76.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX024051.D
Acq: 31 Aug 2021 17:58

Tgt Ion: 117 Resp: 226744
Ion Ratio Lower Upper
117 100
82 56.4 47.4 71.2
119 32.3 26.6 39.8

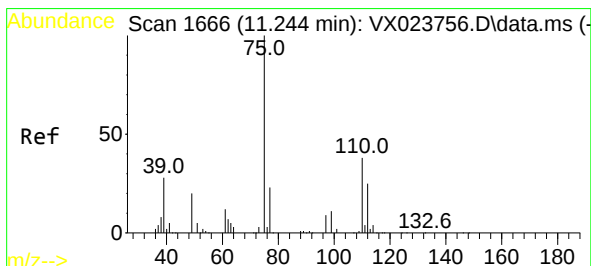
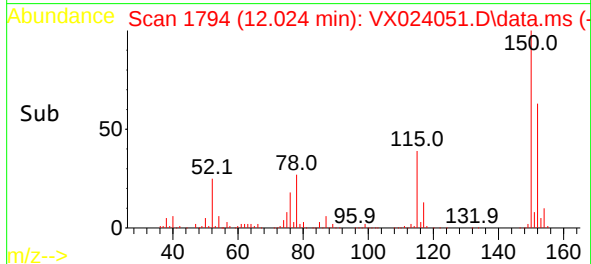
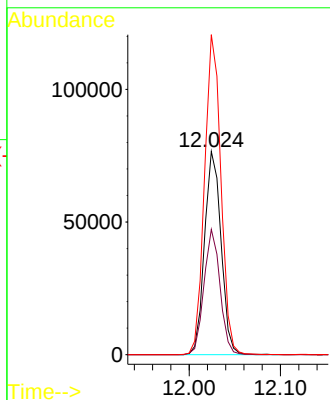
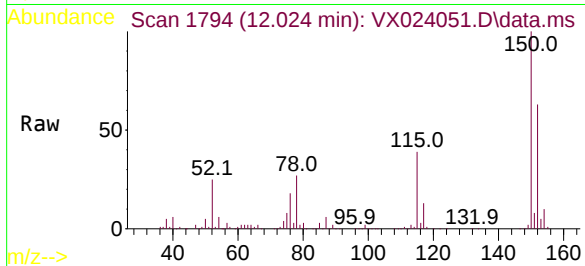




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024051.D
Acq: 31 Aug 2021 17:58

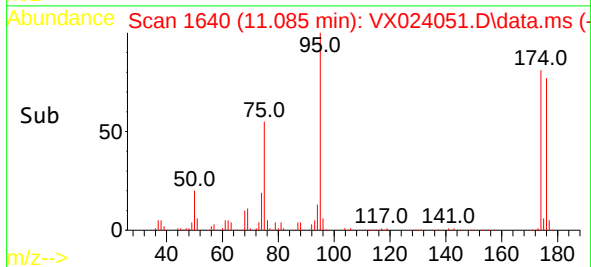
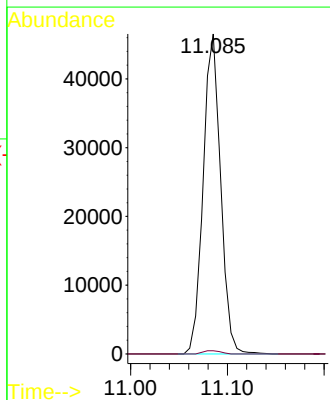
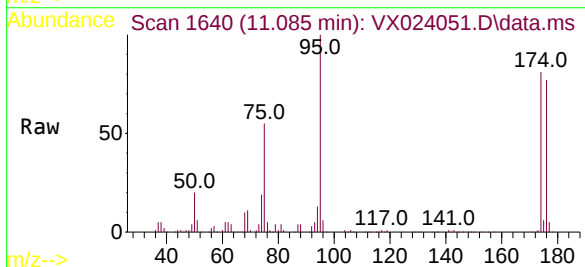
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

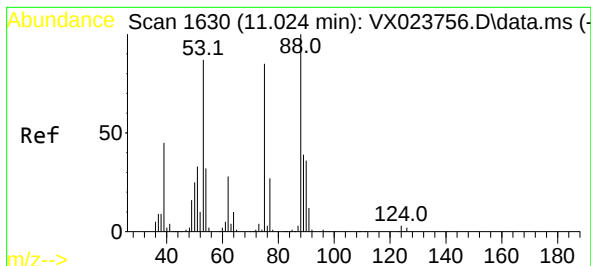
Tgt Ion:152 Resp: 95909
Ion Ratio Lower Upper
152 100
115 59.9 41.1 123.3
150 156.0 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 26.128 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024051.D
Acq: 31 Aug 2021 17:58

Tgt Ion: 75 Resp: 58456
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#

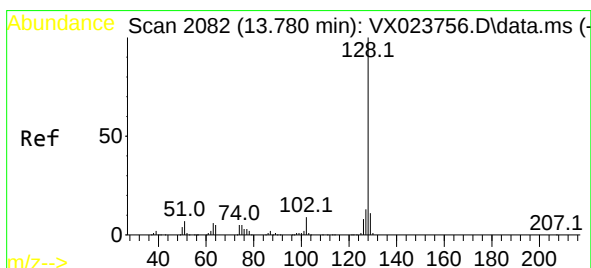
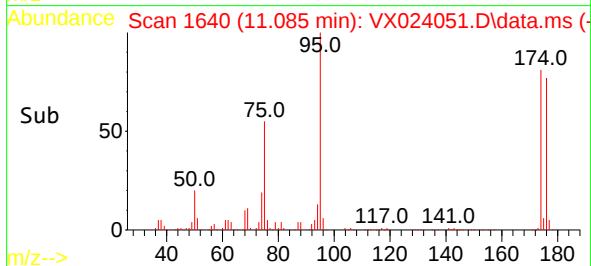
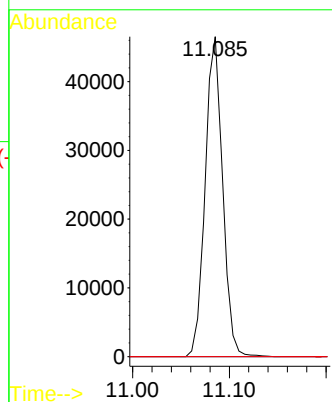
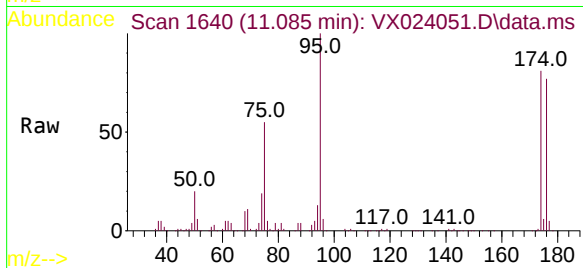




#81
trans-1,4-Dichloro-2-butene
Concen: 76.856 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024051.D
Acq: 31 Aug 2021 17:58

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

Tgt Ion: 75 Resp: 58456
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.290 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX024051.D
Acq: 31 Aug 2021 17:58

Tgt Ion:128 Resp: 53
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

