

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083121\
 Data File : VX024050.D
 Acq On : 31 Aug 2021 17:35
 Operator : JC/MD
 Sample : M3581-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Sep 01 05:05:05 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)

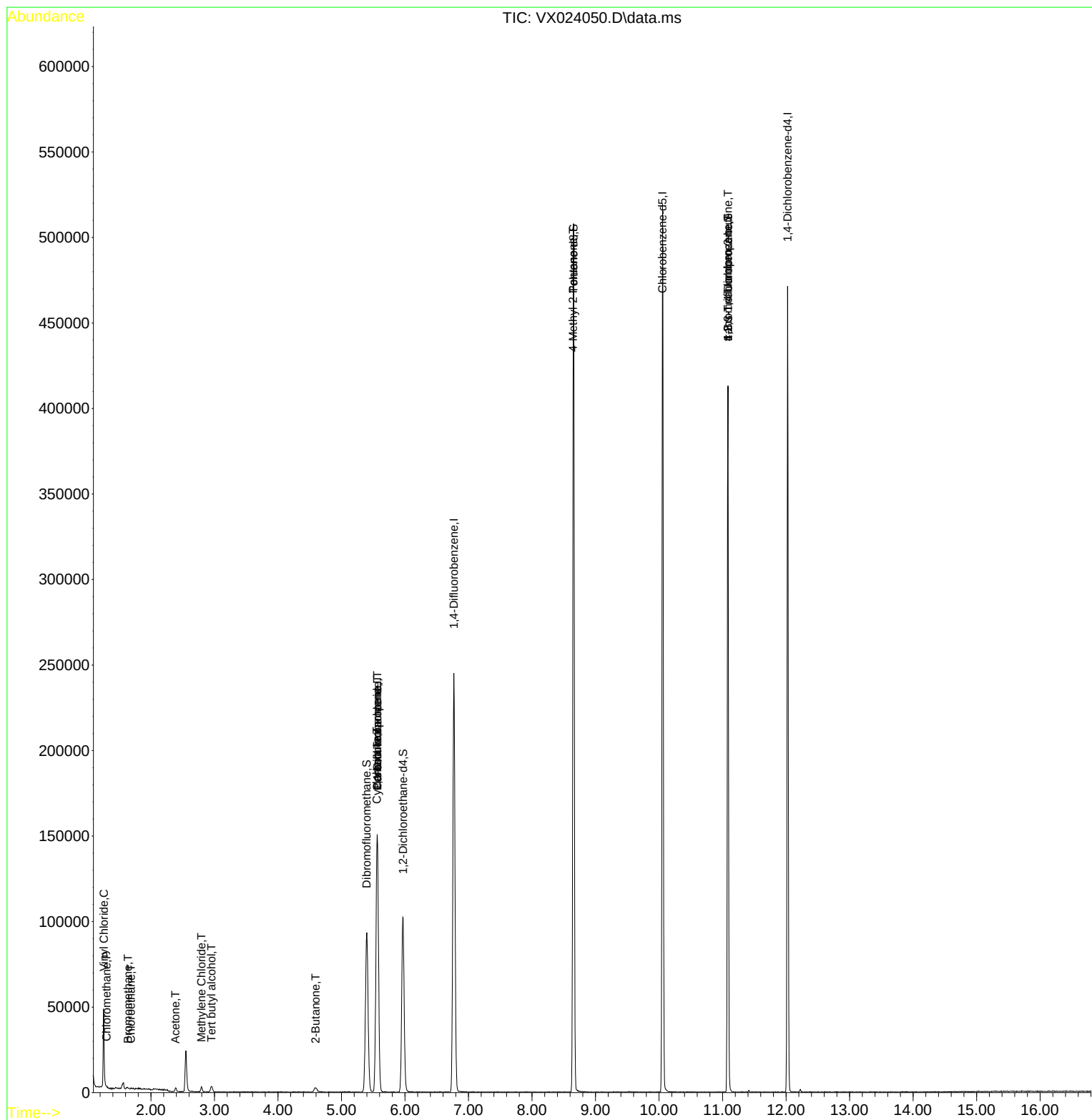
Internal Standards						
1) Pentafluorobenzene	5.562	168	139414	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	236006	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	222047	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90559	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	103445	53.164	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.320%	
35) Dibromofluoromethane	5.397	113	79563	50.935	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.860%	
50) Toluene-d8	8.653	98	289560	48.704	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.400%	
62) 4-Bromofluorobenzene	11.085	95	103623	47.346	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.700%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	364	0.225	ug/l #	73
4) Vinyl Chloride	1.258	62	324	0.206	ug/l #	1
5) Bromomethane	1.636	94	484	0.489	ug/l #	49
6) Chloroethane	1.685	64	215	2.374	ug/l #	43
11) Tert butyl alcohol	2.953	59	2173	5.522	ug/l #	73
16) Acetone	2.386	43	2511	2.886	ug/l	88
20) Methylene Chloride	2.794	84	1156	0.696	ug/l #	90
25) 2-Butanone	4.593	43	292	0.222	ug/l #	45
31) Cyclohexane	5.556	56	1841	0.736	ug/l #	27
36) 1,1-Dichloropropene	5.562	75	11213	5.130	ug/l #	49
38) Carbon Tetrachloride	5.562	117	14789	6.489	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1558	0.574	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	57301	27.125	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	57301	79.788	ug/l #	12

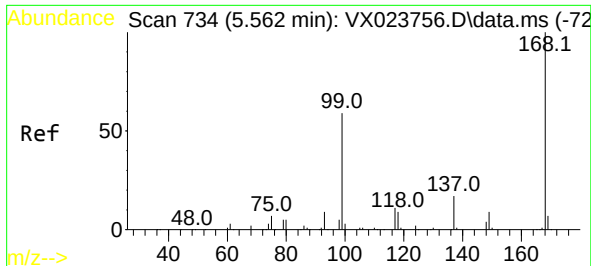
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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STORAGE-BLANK-WATER-REF-5

Quant Time: Sep 01 05:05:05 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

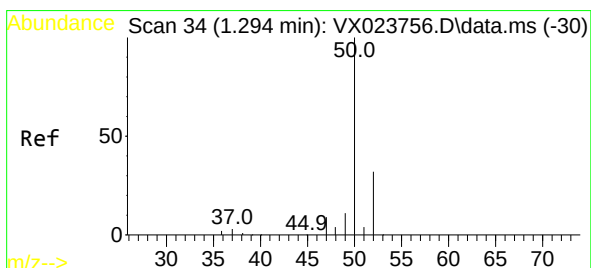
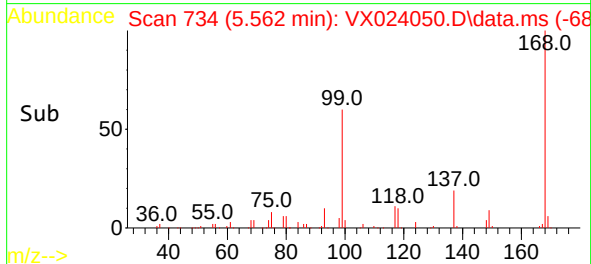
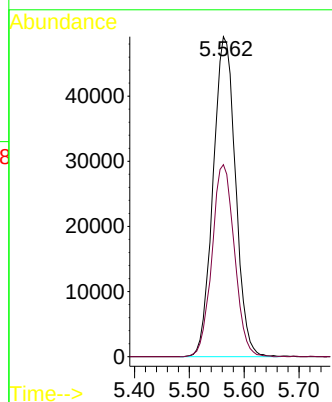
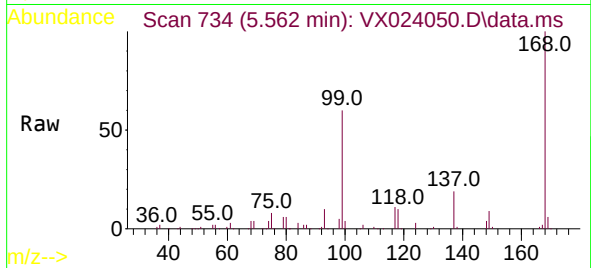




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024050.D
Acq: 31 Aug 2021 17:35

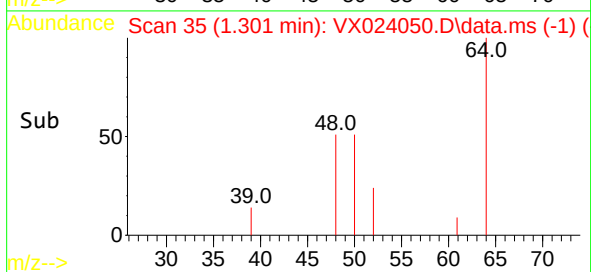
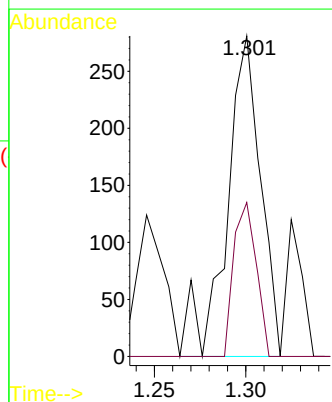
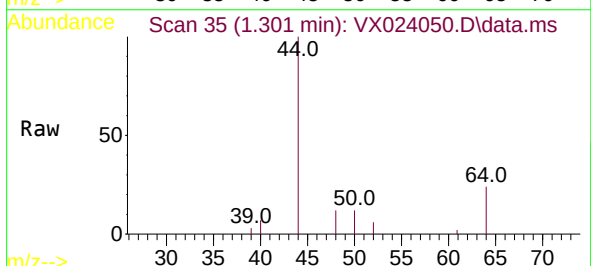
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

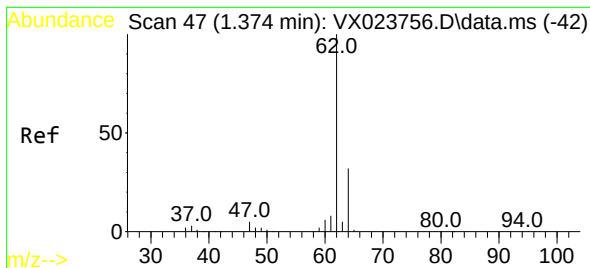
Tgt Ion:168 Resp: 139414
Ion Ratio Lower Upper
168 100
99 60.0 45.8 68.6



#3
Chloromethane
Concen: 0.225 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.007 min
Lab File: VX024050.D
Acq: 31 Aug 2021 17:35

Tgt Ion: 50 Resp: 364
Ion Ratio Lower Upper
50 100
52 48.0 26.4 39.6#

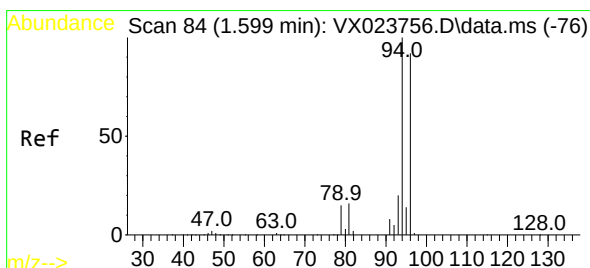
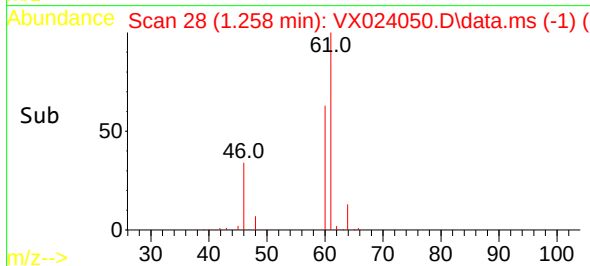
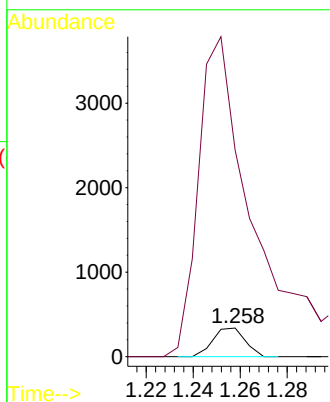
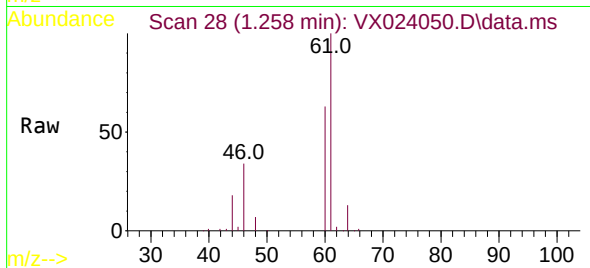




#4
 Vinyl Chloride
 Concen: 0.206 ug/l
 RT: 1.258 min Scan# 28
 Delta R.T. -0.116 min
 Lab File: VX024050.D
 Acq: 31 Aug 2021 17:35

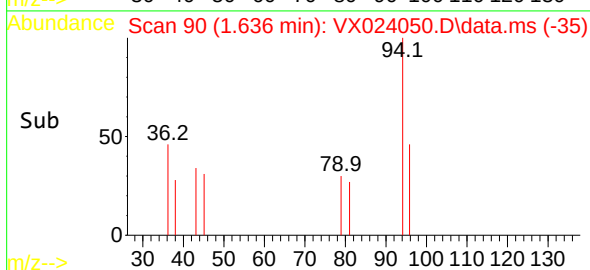
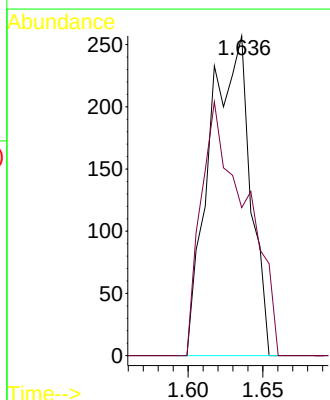
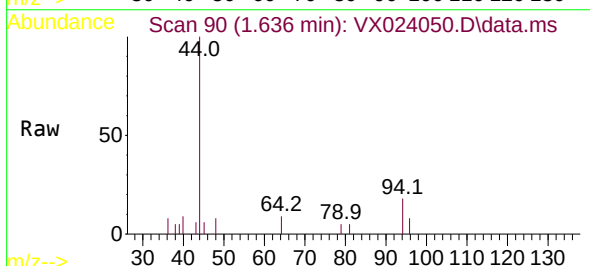
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

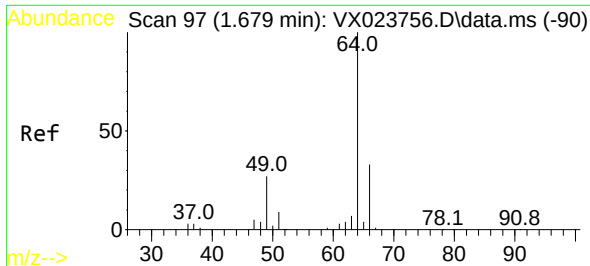
Tgt Ion: 62 Resp: 324
 Ion Ratio Lower Upper
 62 100
 64 690.2 25.7 38.5#



#5
 Bromomethane
 Concen: 0.489 ug/l
 RT: 1.636 min Scan# 90
 Delta R.T. 0.037 min
 Lab File: VX024050.D
 Acq: 31 Aug 2021 17:35

Tgt Ion: 94 Resp: 484
 Ion Ratio Lower Upper
 94 100
 96 46.3 76.4 114.6#

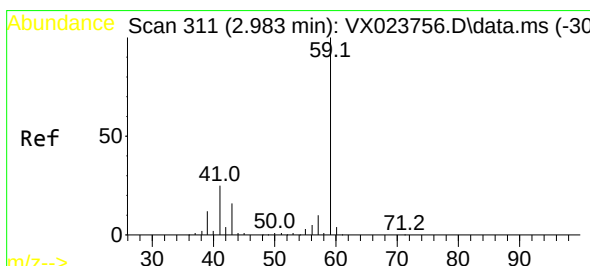
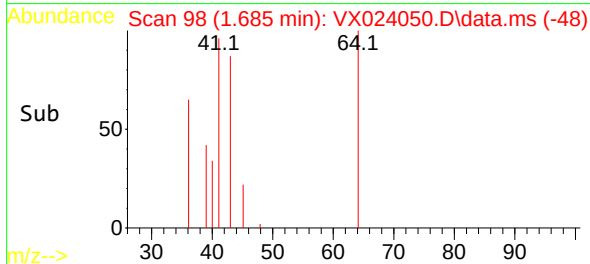
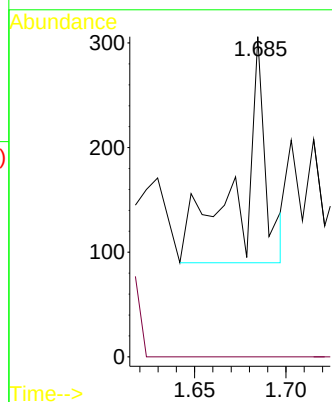
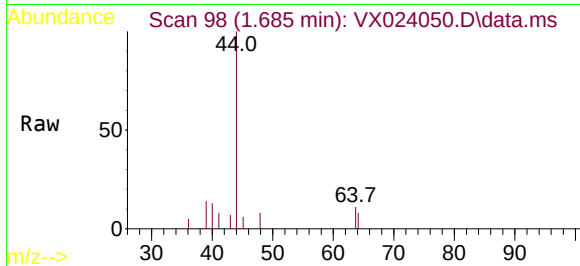




#6
Chloroethane
Concen: 2.374 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX024050.D
Acq: 31 Aug 2021 17:35

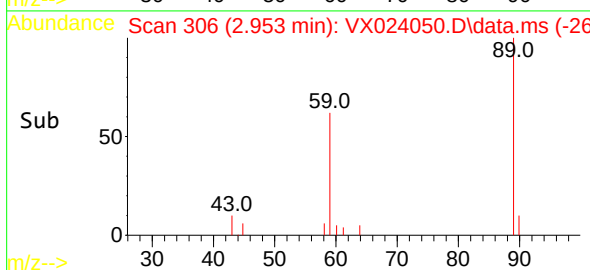
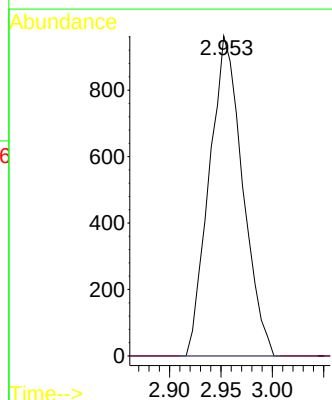
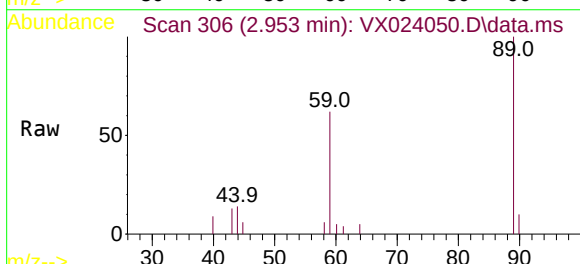
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

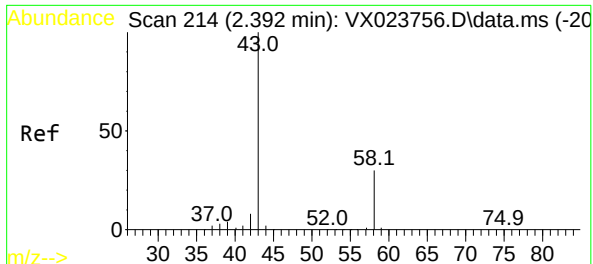
Tgt Ion: 64 Resp: 215
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: 5.522 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX024050.D
Acq: 31 Aug 2021 17:35

Tgt Ion: 59 Resp: 2173
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

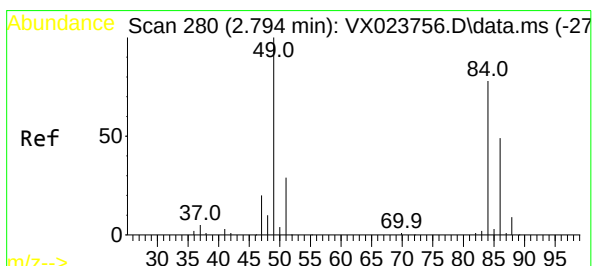
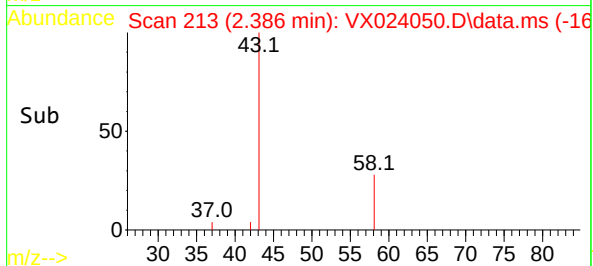
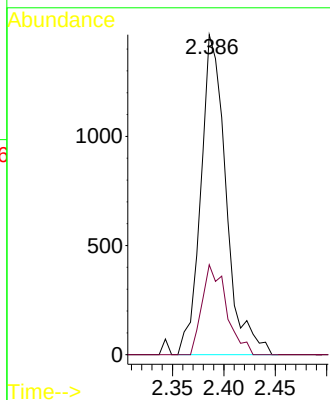
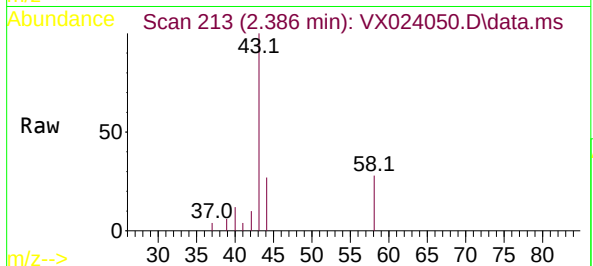




#16
Acetone
Concen: 2.886 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX024050.D
Acq: 31 Aug 2021 17:35

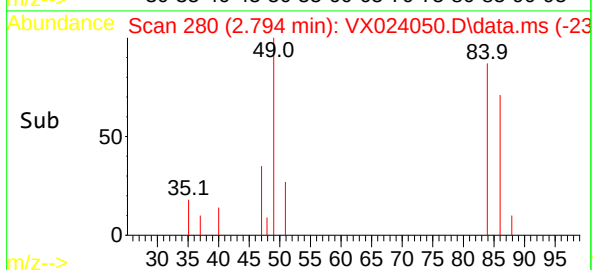
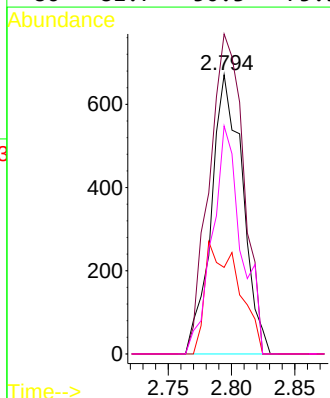
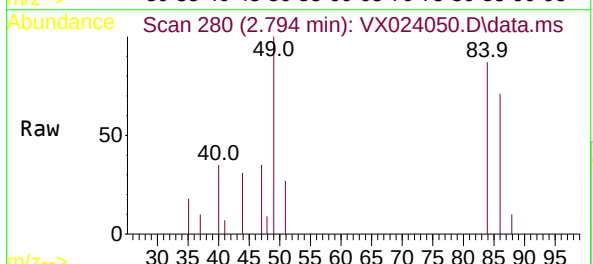
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

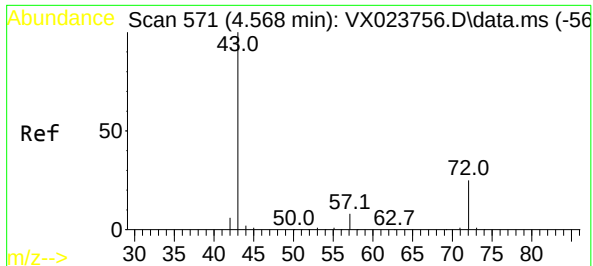
Tgt Ion: 43 Resp: 2511
Ion Ratio Lower Upper
43 100
58 28.1 27.8 41.8



#20
Methylene Chloride
Concen: 0.696 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX024050.D
Acq: 31 Aug 2021 17:35

Tgt Ion: 84 Resp: 1156
Ion Ratio Lower Upper
84 100
49 114.6 88.6 132.8
51 31.0 27.0 40.6
86 81.7 50.3 75.5#





#25

2-Butanone

Concen: 0.222 ug/l

RT: 4.593 min Scan# 575

Delta R.T. 0.025 min

Lab File: VX024050.D

Acq: 31 Aug 2021 17:35

Tgt Ion: 43 Resp: 292

Ion Ratio Lower Upper

43 100

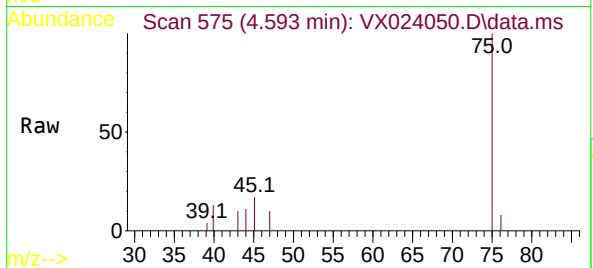
72 0.0 23.7 35.5#

Instrument :

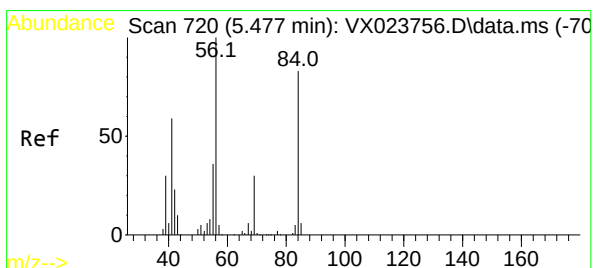
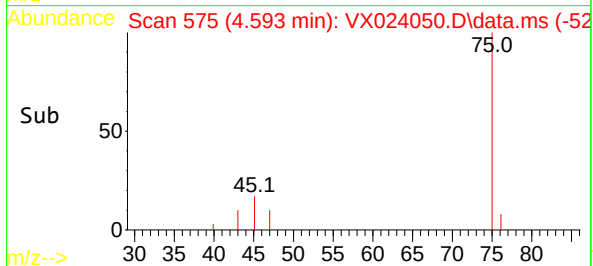
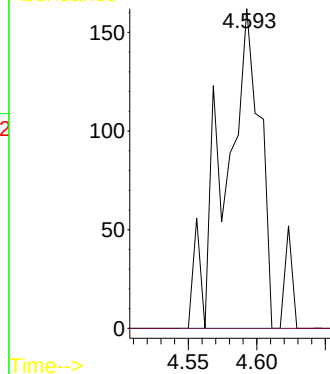
MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5



Abundance



#31

Cyclohexane

Concen: 0.736 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX024050.D

Acq: 31 Aug 2021 17:35

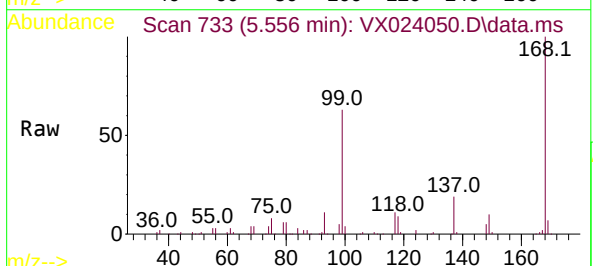
Tgt Ion: 56 Resp: 1841

Ion Ratio Lower Upper

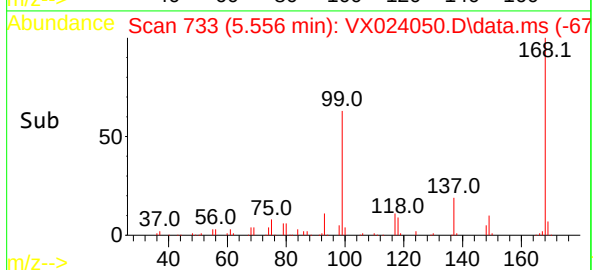
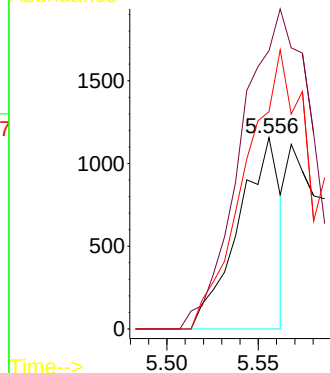
56 100

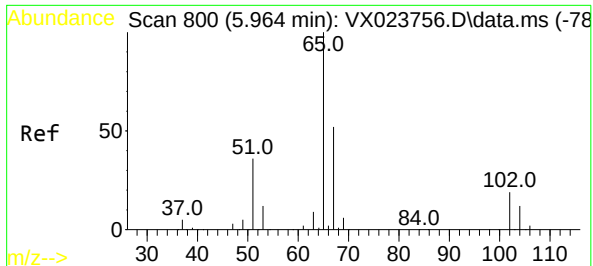
69 145.4 25.3 37.9#

84 113.5 71.4 107.0#



Abundance



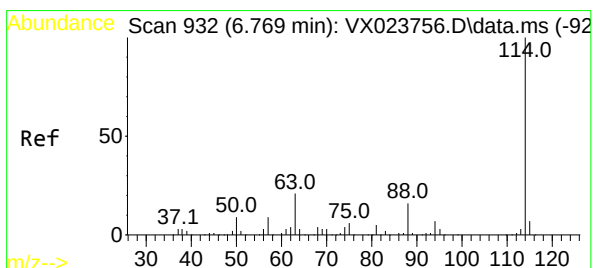
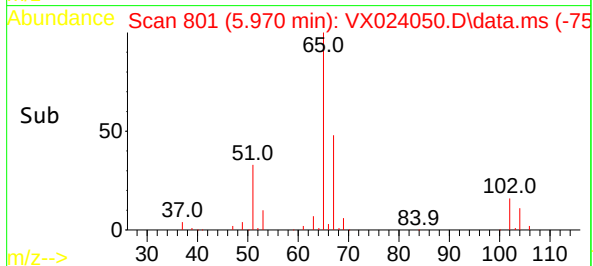
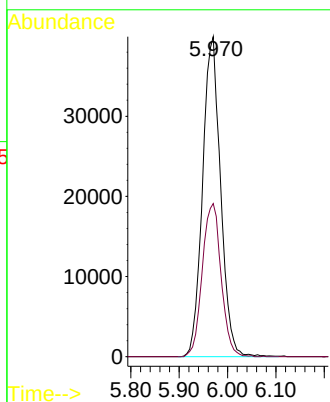
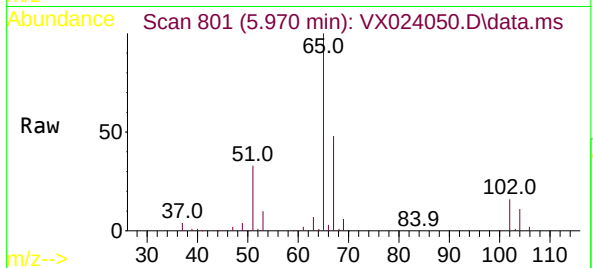


#33

1,2-Dichloroethane-d4
Concen: 53.164 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX024050.D
Acq: 31 Aug 2021 17:35

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

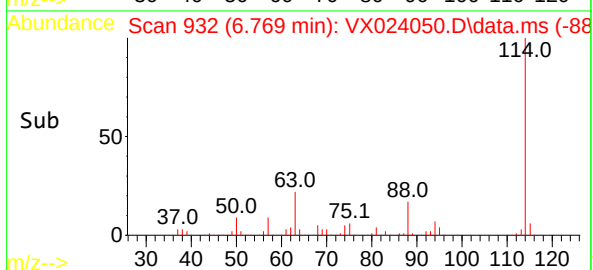
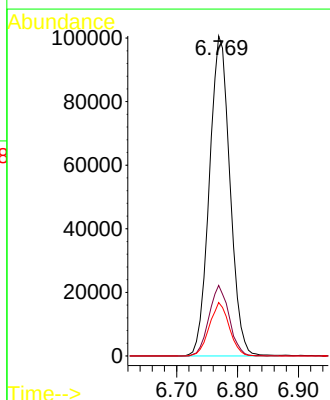
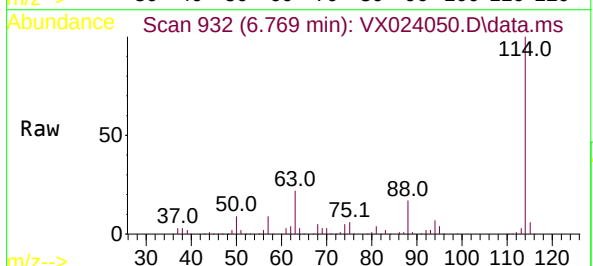
Tgt Ion: 65 Resp: 103445
Ion Ratio Lower Upper
65 100
67 49.8 0.0 105.4

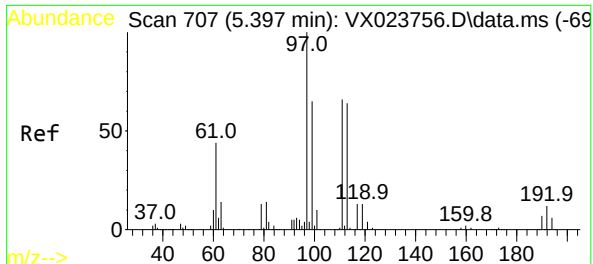


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024050.D
Acq: 31 Aug 2021 17:35

Tgt Ion: 114 Resp: 236006
Ion Ratio Lower Upper
114 100
63 22.0 0.0 40.8
88 16.7 0.0 32.8

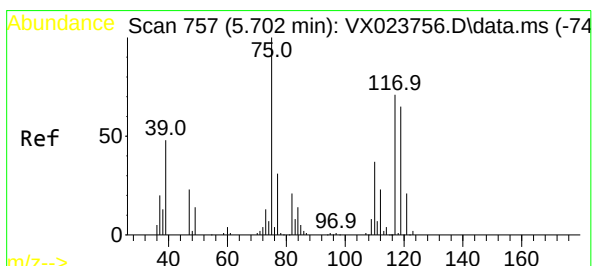
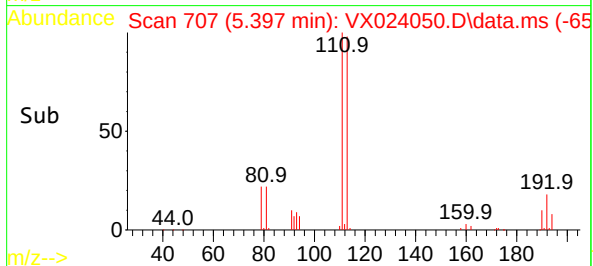
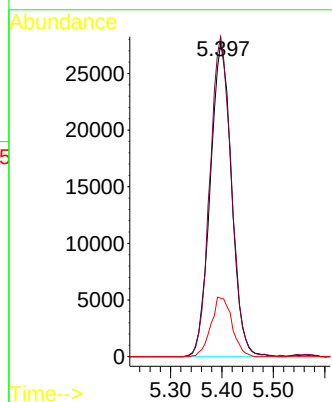
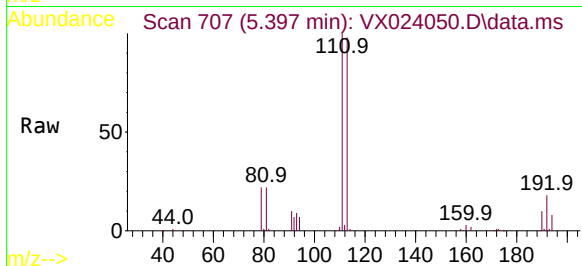




#35
Dibromofluoromethane
Concen: 50.935 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024050.D
Acq: 31 Aug 2021 17:35

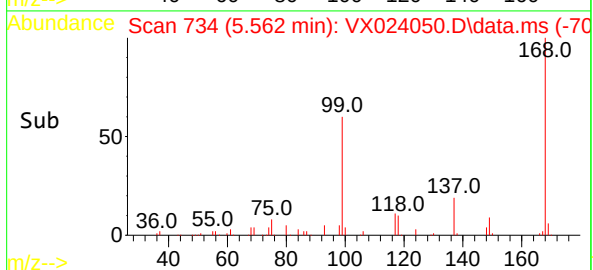
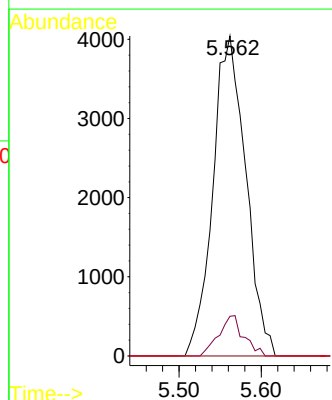
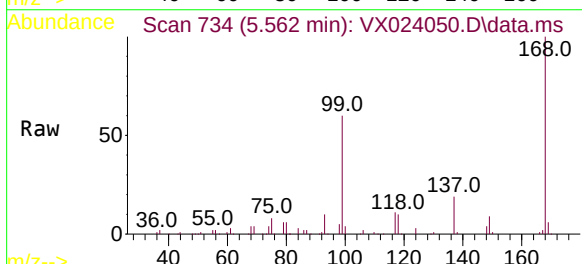
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

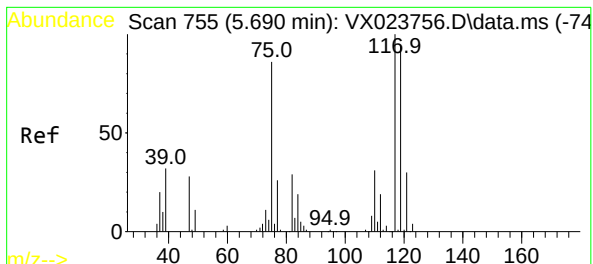
Tgt Ion:113 Resp: 79563
Ion Ratio Lower Upper
113 100
111 103.0 81.9 122.9
192 18.8 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.130 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX024050.D
Acq: 31 Aug 2021 17:35

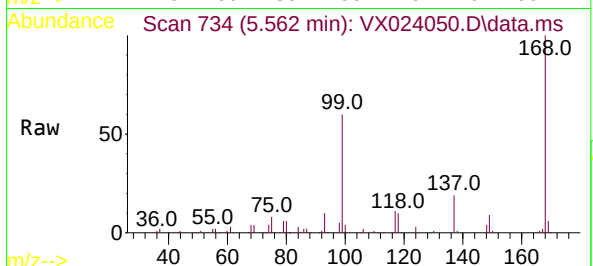
Tgt Ion: 75 Resp: 11213
Ion Ratio Lower Upper
75 100
110 9.6 18.1 54.4#
77 0.0 25.3 37.9#



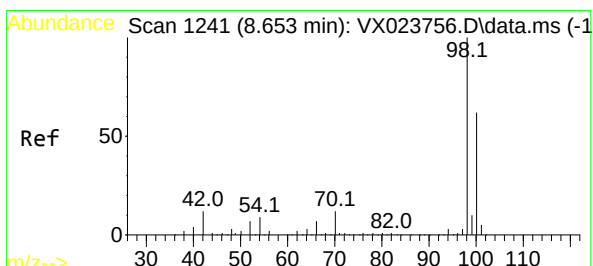
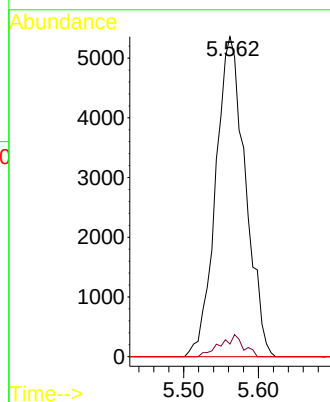
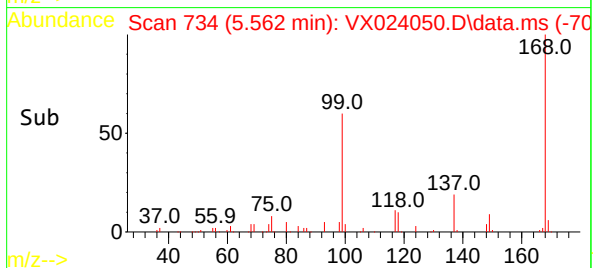


#38
Carbon Tetrachloride
Concen: 6.489 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX024050.D
Acq: 31 Aug 2021 17:35

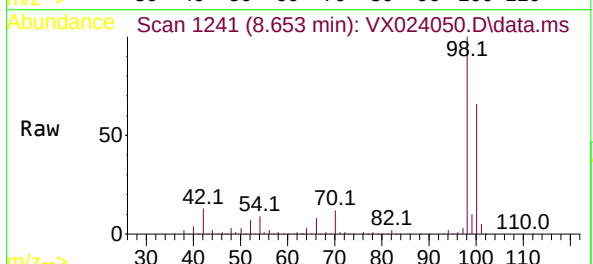
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5



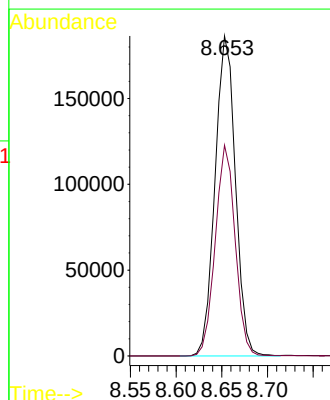
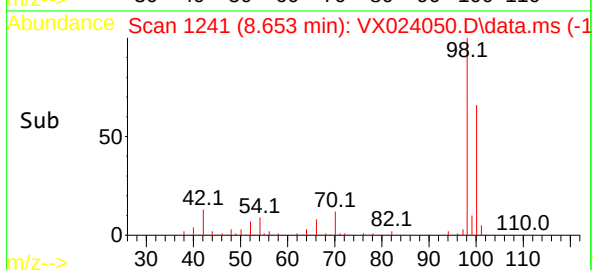
Tgt Ion:117 Resp: 14789
Ion Ratio Lower Upper
117 100
119 3.9 76.2 114.2#
121 0.0 24.8 37.2#

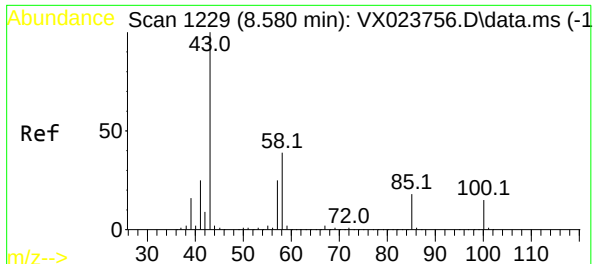


#50
Toluene-d8
Concen: 48.704 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024050.D
Acq: 31 Aug 2021 17:35



Tgt Ion: 98 Resp: 289560
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9

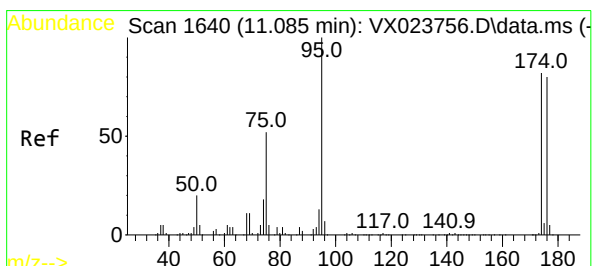
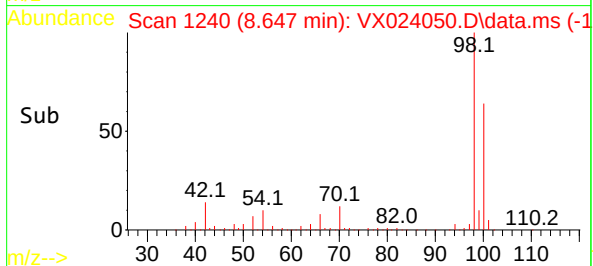
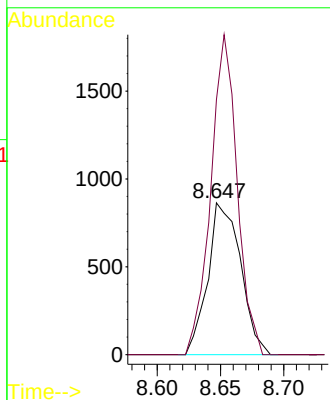
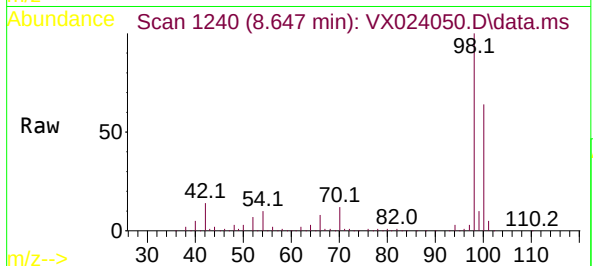




#51
4-Methyl-2-Pentanone
Concen: 0.574 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX024050.D
Acq: 31 Aug 2021 17:35

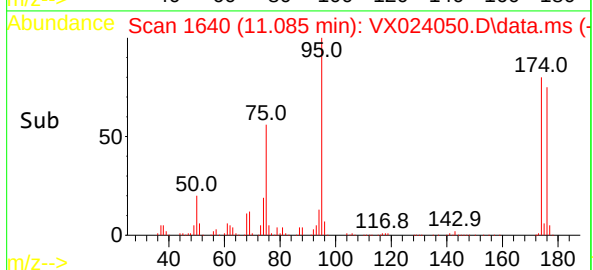
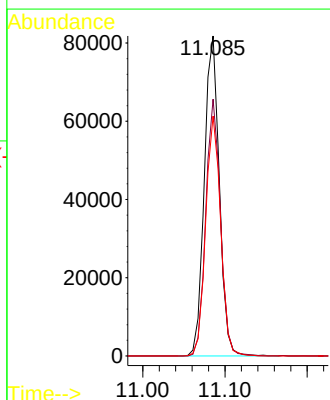
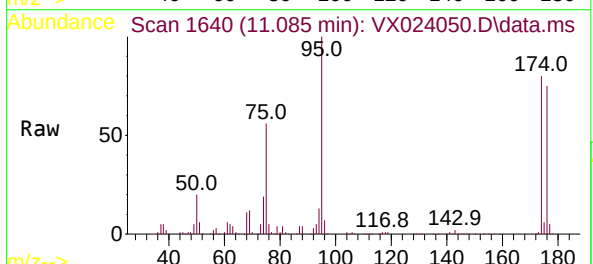
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

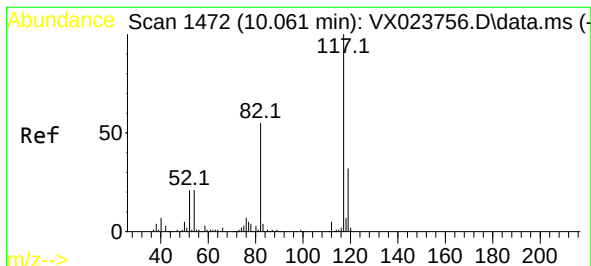
Tgt Ion: 43 Resp: 1558
Ion Ratio Lower Upper
43 100
58 169.8 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 47.346 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024050.D
Acq: 31 Aug 2021 17:35

Tgt Ion: 95 Resp: 103623
Ion Ratio Lower Upper
95 100
174 78.5 0.0 154.6
176 74.6 0.0 155.8

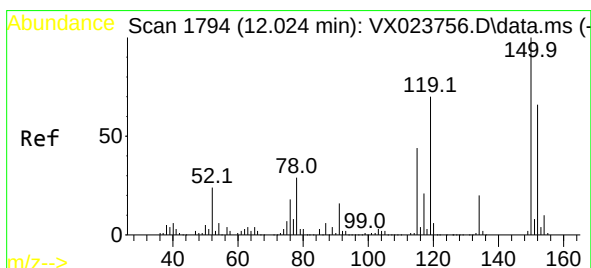
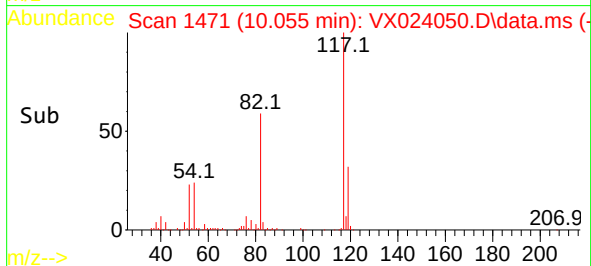
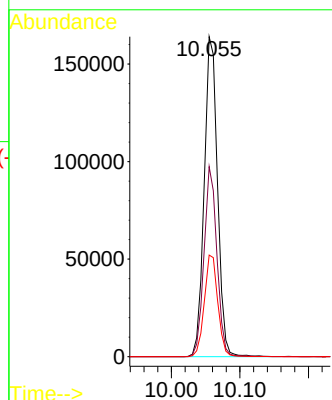
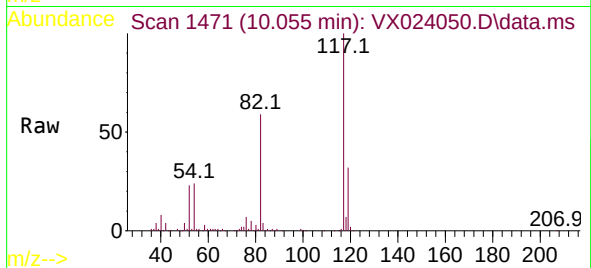




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024050.D
Acq: 31 Aug 2021 17:35

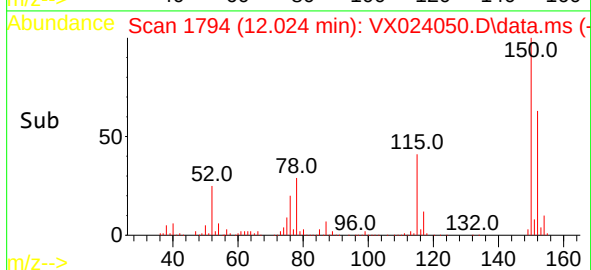
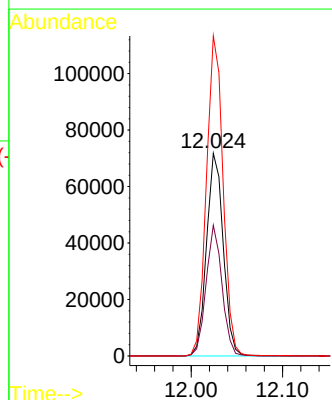
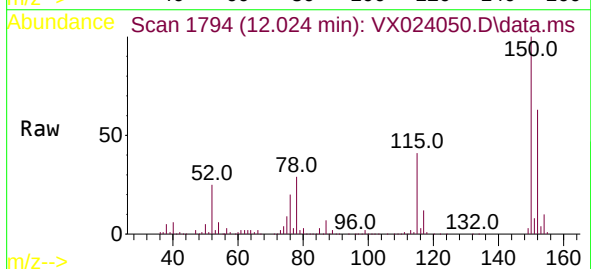
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

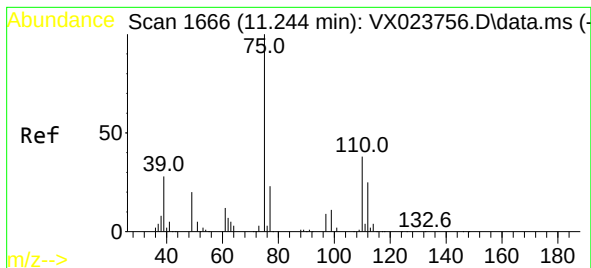
Tgt Ion:117 Resp: 222047
Ion Ratio Lower Upper
117 100
82 59.4 47.4 71.2
119 31.7 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024050.D
Acq: 31 Aug 2021 17:35

Tgt Ion:152 Resp: 90559
Ion Ratio Lower Upper
152 100
115 61.8 41.1 123.3
150 157.2 0.0 349.0

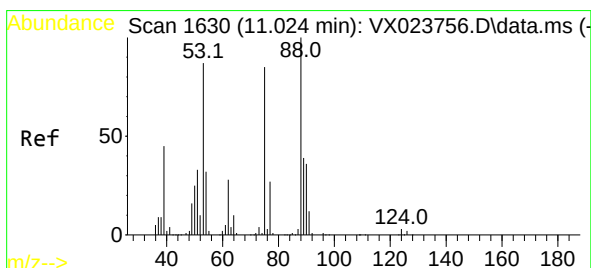
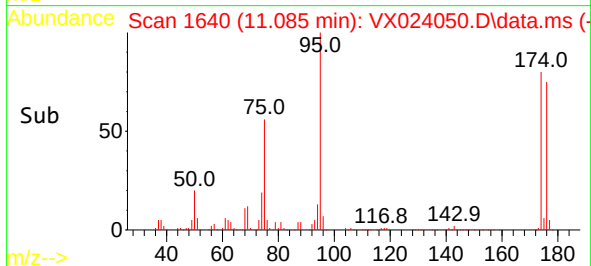
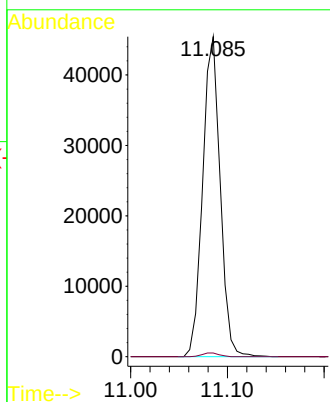
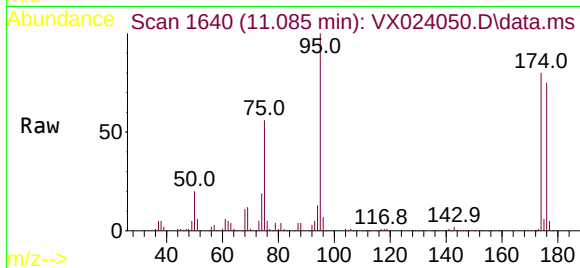




#76
1,2,3-Trichloropropane
Concen: 27.125 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024050.D
Acq: 31 Aug 2021 17:35

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

Tgt Ion: 75 Resp: 57301
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.788 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024050.D
Acq: 31 Aug 2021 17:35

Tgt Ion: 75 Resp: 57301
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

