

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061021\
 Data File : VX022646.D
 Acq On : 10 Jun 2021 16:07
 Operator : JC/MD
 Sample : M2620-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

Quant Time: Jun 11 06:45:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 12:20:00 2021
 Response via : Initial Calibration

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

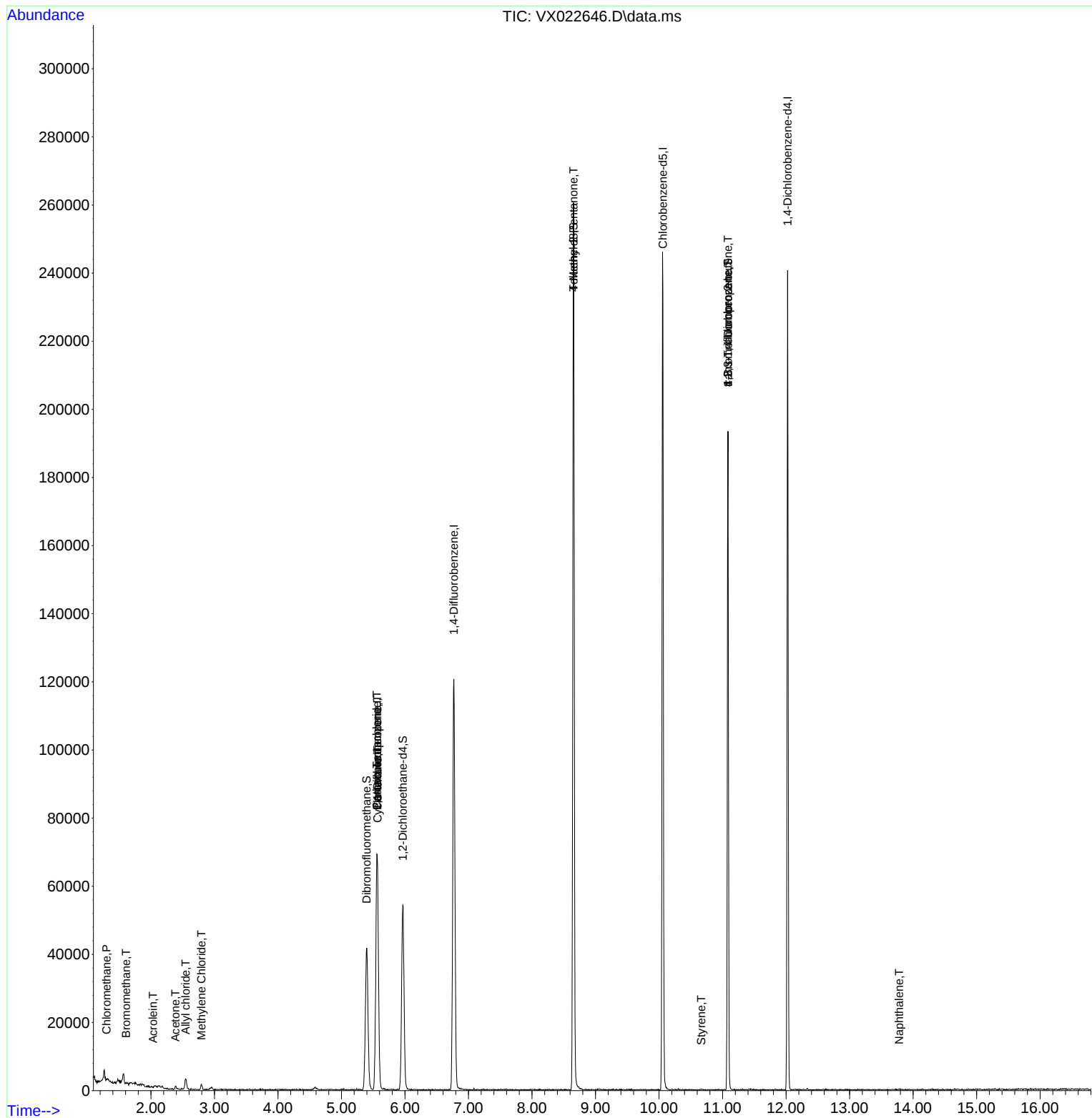
Internal Standards						
1) Pentafluorobenzene	5.562	168	59393	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	118479	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	106710	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	42278	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	50310	47.099	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.200%		
35) Dibromofluoromethane	5.397	113	35517	46.985	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.960%		
50) Toluene-d8	8.653	98	147361	49.452	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.900%		
62) 4-Bromofluorobenzene	11.085	95	52132	46.257	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.520%		
Target Compounds						Qvalue
3) Chloromethane	1.301	50	170	0.202	ug/l #	42
5) Bromomethane	1.605	94	194	0.431	ug/l #	2
13) Acrolein	2.032	56	21	0.203	ug/l #	1
14) Allyl chloride	2.544	41	388	0.278	ug/l #	24
16) Acetone	2.386	43	962	2.011	ug/l	94
20) Methylene Chloride	2.794	84	651	0.430	ug/l #	87
31) Cyclohexane	5.568	56	1983	1.539	ug/l #	29
36) 1,1-Dichloropropene	5.562	75	5971	5.058	ug/l #	47
38) Carbon Tetrachloride	5.556	117	7280	7.209	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	759	0.505	ug/l #	1
70) Styrene	10.665	104	61	1.477	ug/l #	26
76) 1,2,3-Trichloropropane	11.085	75	28305	25.251	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	28305	63.518	ug/l #	12
95) Naphthalene	13.780	128	109	1.504	ug/l #	69

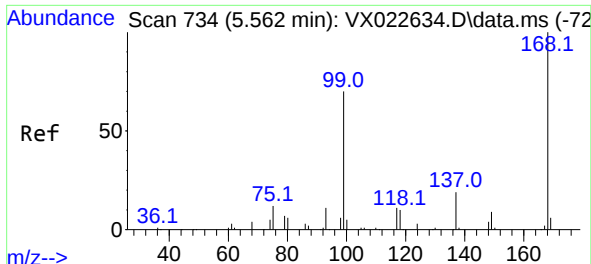
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 11 06:45:17 2021
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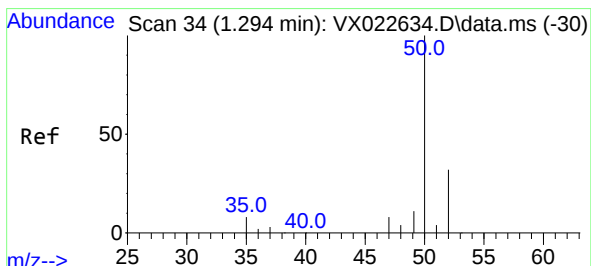
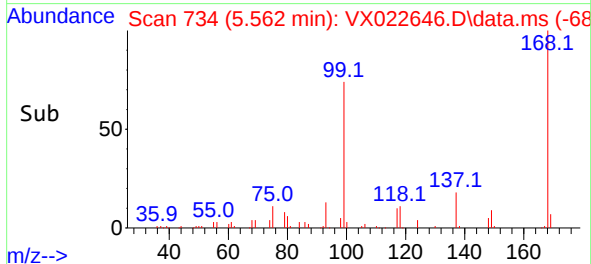
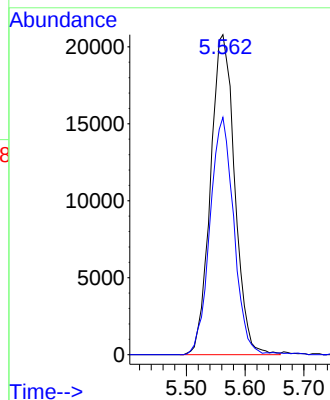
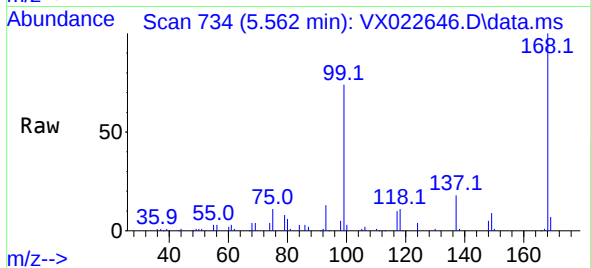




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022646.D
Acq: 10 Jun 2021 16:07

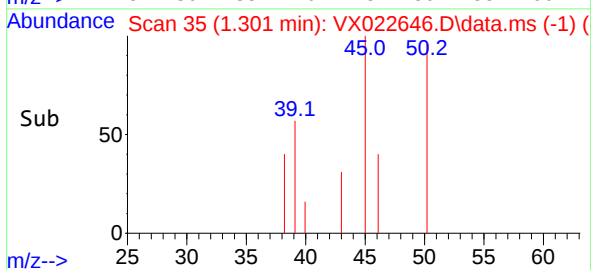
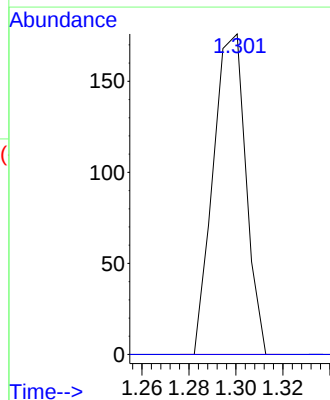
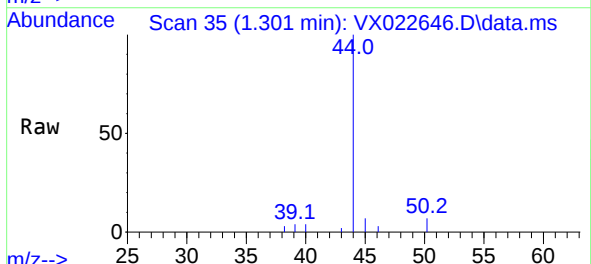
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

Tgt Ion:168 Resp: 59393
Ion Ratio Lower Upper
168 100
99 74.2 45.8 68.6#

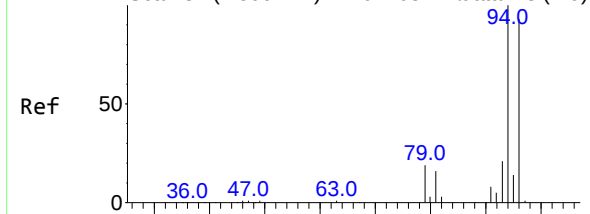


#3
Chloromethane
Concen: 0.202 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.007 min
Lab File: VX022646.D
Acq: 10 Jun 2021 16:07

Tgt Ion: 50 Resp: 170
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#



Abundance Scan 84 (1.599 min): VX022634.D\data.ms (-79)

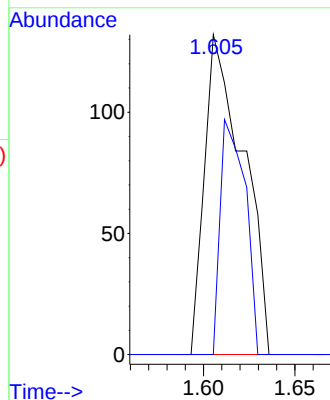
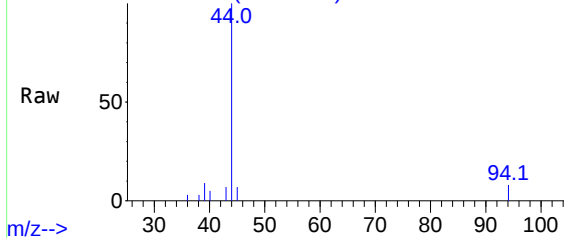


#5
Bromomethane
Concen: 0.431 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX022646.D
Acq: 10 Jun 2021 16:07

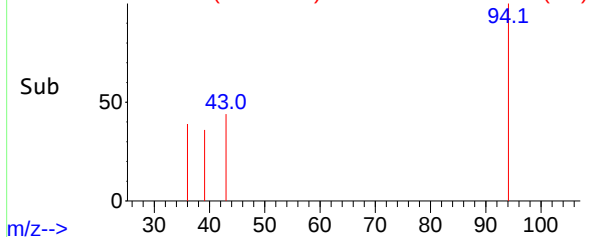
Tgt Ion: 94 Resp: 194
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

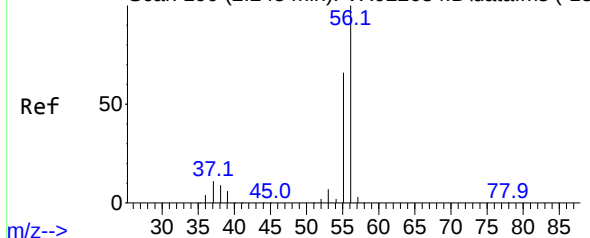
Abundance Scan 85 (1.605 min): VX022646.D\data.ms



Abundance Scan 85 (1.605 min): VX022646.D\data.ms (-35)



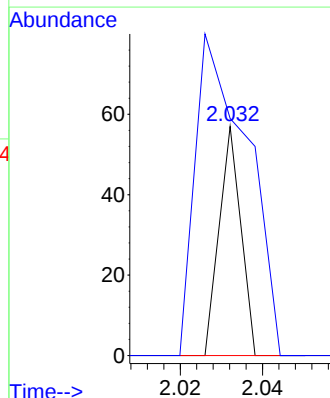
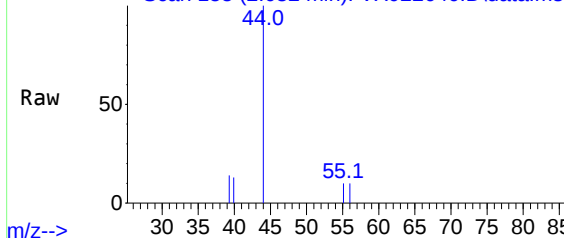
Abundance Scan 190 (2.245 min): VX022634.D\data.ms (-18)



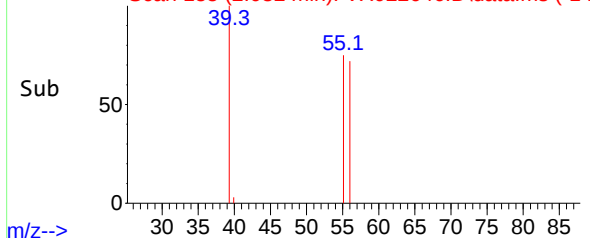
#13
Acrolein
Concen: 0.203 ug/l
RT: 2.032 min Scan# 155
Delta R.T. -0.207 min
Lab File: VX022646.D
Acq: 10 Jun 2021 16:07

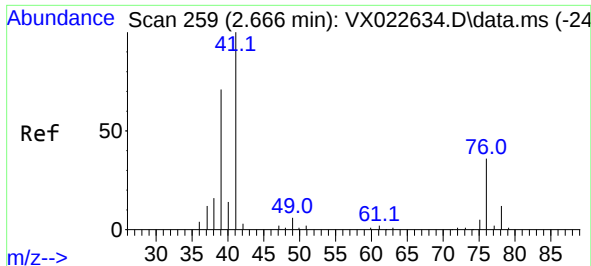
Tgt Ion: 56 Resp: 21
Ion Ratio Lower Upper
56 100
55 333.3 56.4 84.6#

Abundance Scan 155 (2.032 min): VX022646.D\data.ms



Abundance Scan 155 (2.032 min): VX022646.D\data.ms (-14)

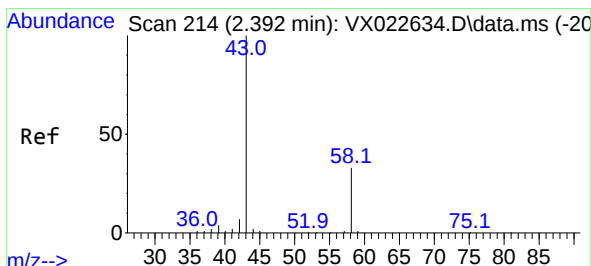
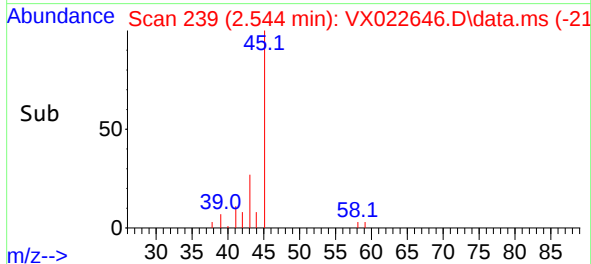
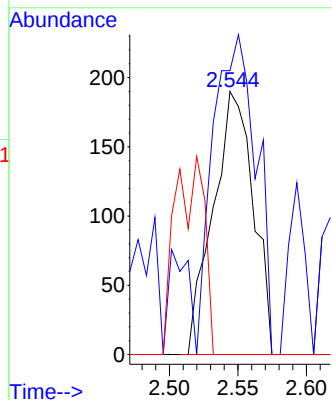
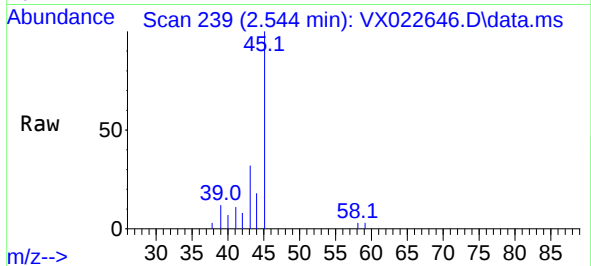




#14
Allyl chloride
Concen: 0.278 ug/l
RT: 2.544 min Scan# 239
Delta R.T. -0.122 min
Lab File: VX022646.D
Acq: 10 Jun 2021 16:07

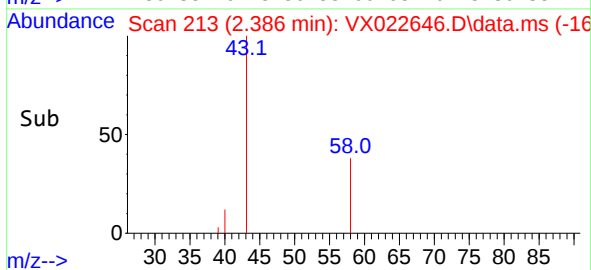
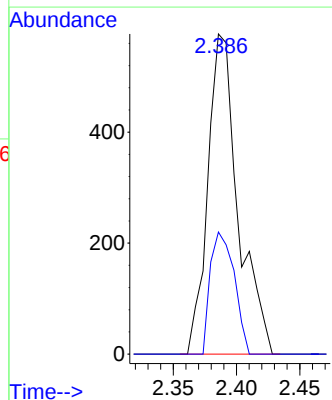
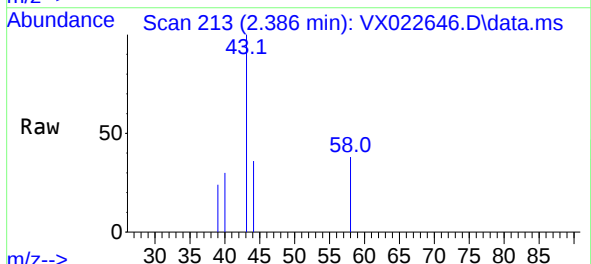
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

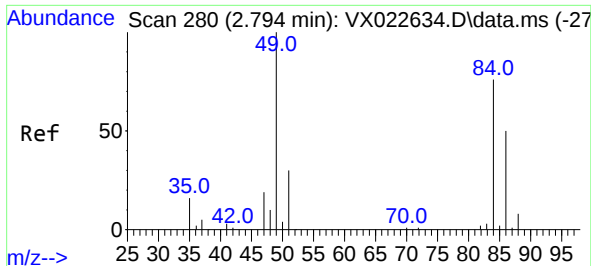
Tgt Ion: 41 Resp: 388
Ion Ratio Lower Upper
41 100
39 130.2 51.6 77.4#
76 0.0 30.5 45.7#



#16
Acetone
Concen: 2.011 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022646.D
Acq: 10 Jun 2021 16:07

Tgt Ion: 43 Resp: 962
Ion Ratio Lower Upper
43 100
58 38.1 27.8 41.8



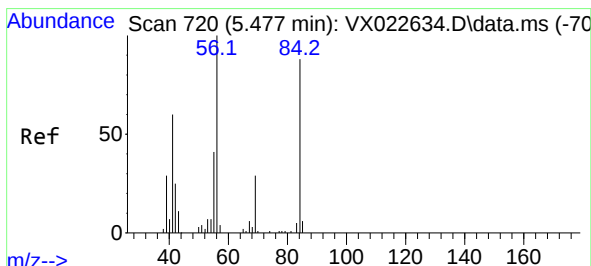
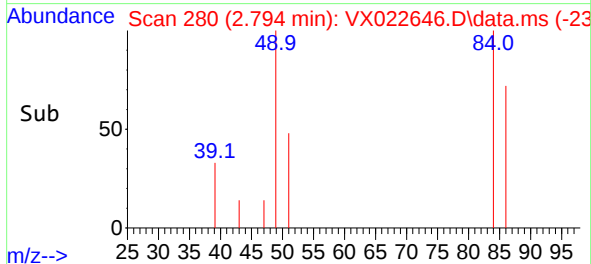
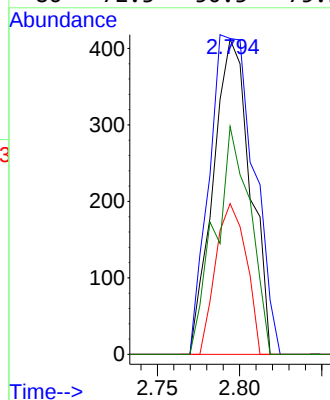
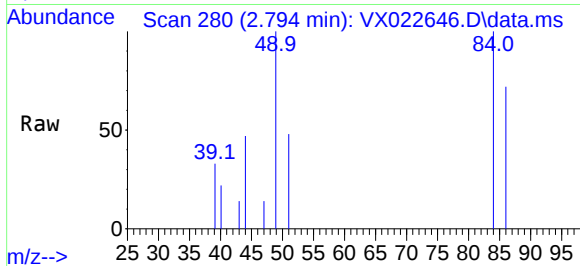


#20
Methylene Chloride
Concen: 0.430 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022646.D
Acq: 10 Jun 2021 16:07

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

Tgt Ion: 84 Resp: 651

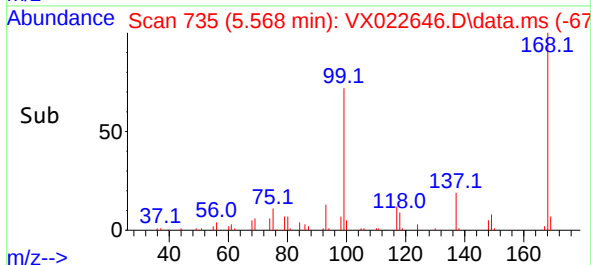
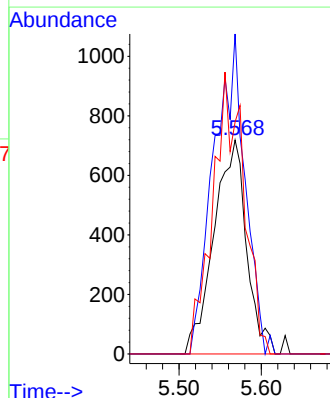
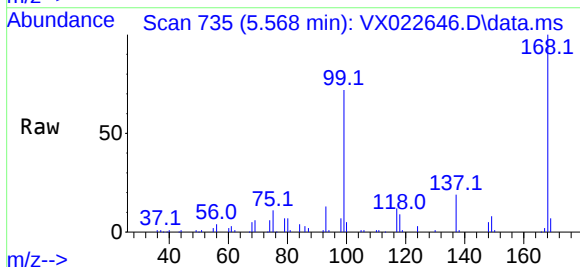
Ion	Ratio	Lower	Upper
84	100		
49	100.2	88.6	132.8
51	47.8	27.0	40.6#
86	72.3	50.3	75.5

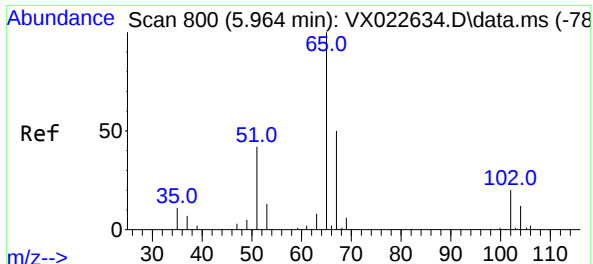


#31
Cyclohexane
Concen: 1.539 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.091 min
Lab File: VX022646.D
Acq: 10 Jun 2021 16:07

Tgt Ion: 56 Resp: 1983

Ion	Ratio	Lower	Upper
56	100		
69	149.5	25.3	37.9#
84	108.3	71.4	107.0#



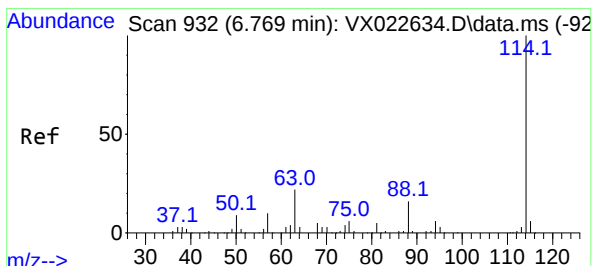
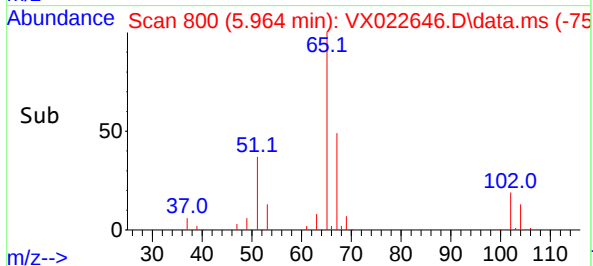
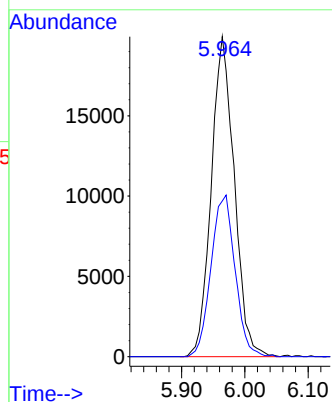
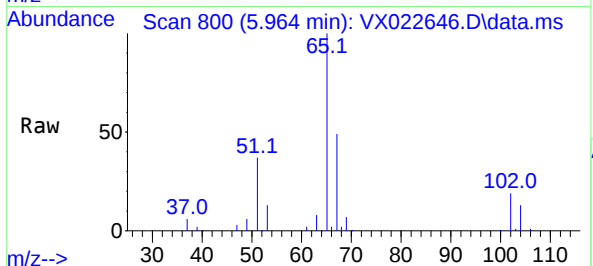


#33

1,2-Dichloroethane-d4
Concen: 47.099 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022646.D
Acq: 10 Jun 2021 16:07

Instrument :
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ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

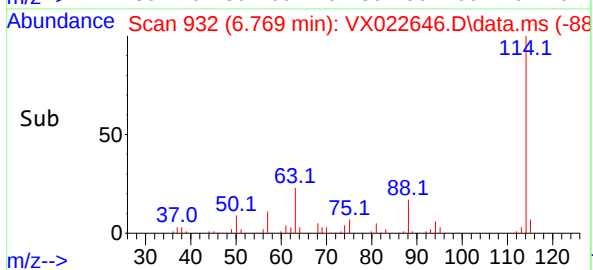
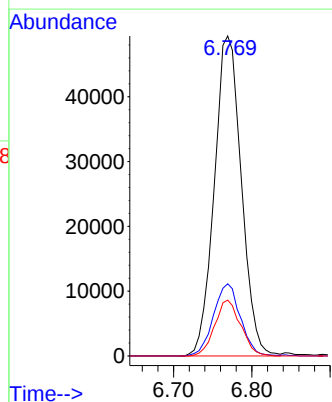
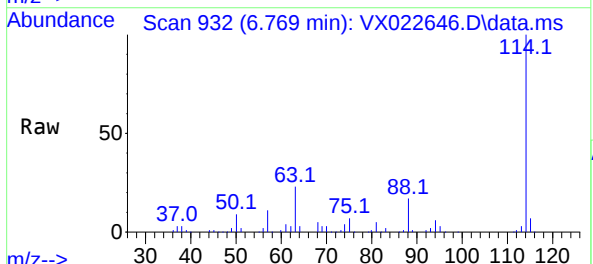
Tgt Ion: 65 Resp: 50310
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.4

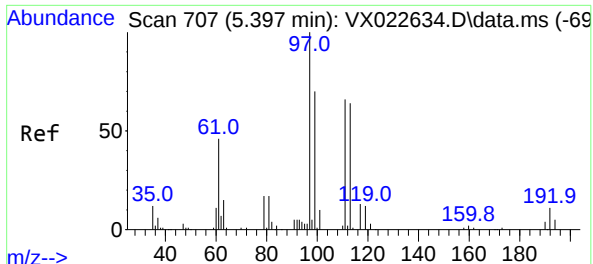


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022646.D
Acq: 10 Jun 2021 16:07

Tgt Ion: 114 Resp: 118479
Ion Ratio Lower Upper
114 100
63 22.5 0.0 40.8
88 17.5 0.0 32.8





#35

Dibromofluoromethane

Concen: 46.985 ug/l

RT: 5.397 min Scan# 707

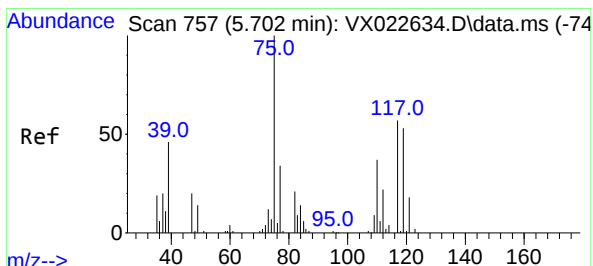
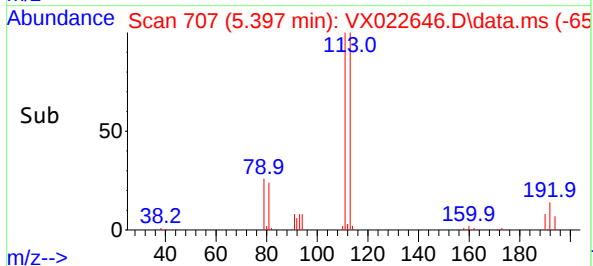
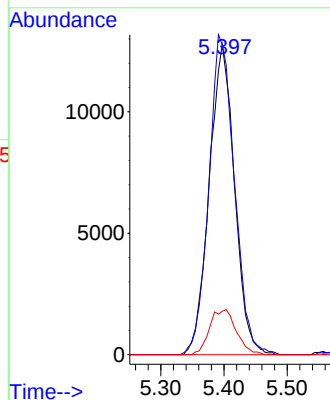
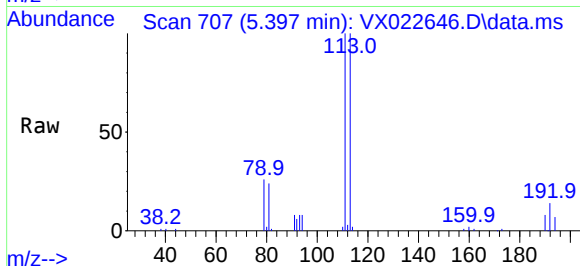
Delta R.T. 0.006 min

Lab File: VX022646.D

Acq: 10 Jun 2021 16:07

Tgt Ion:	113	Resp:	35517
Ion	Ratio	Lower	Upper
113	100		
111	103.9	81.9	122.9
192	15.3	16.7	25.1#

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#36

1,1-Dichloropropene

Concen: 5.058 ug/l

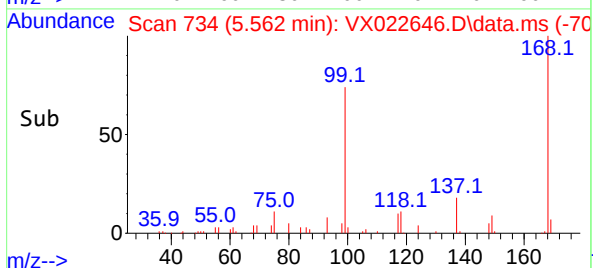
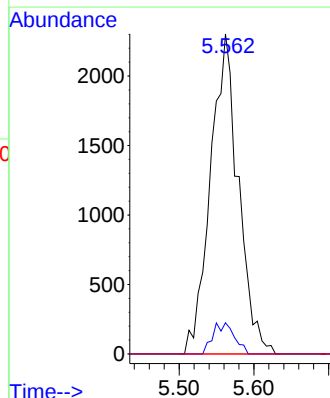
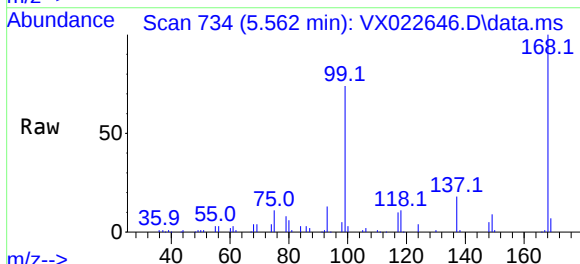
RT: 5.562 min Scan# 734

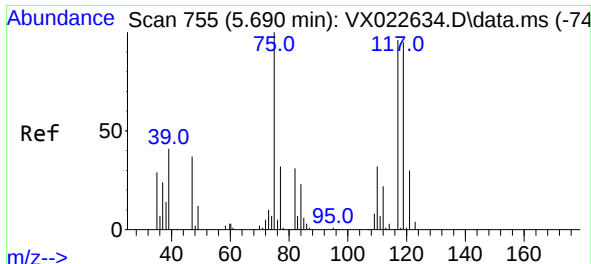
Delta R.T. -0.140 min

Lab File: VX022646.D

Acq: 10 Jun 2021 16:07

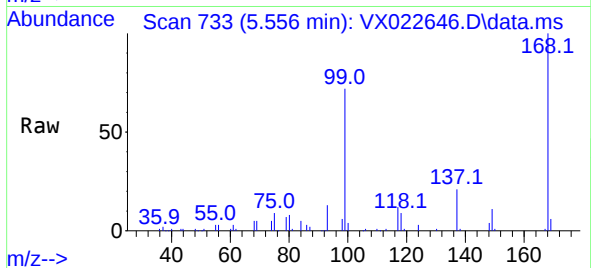
Tgt Ion:	75	Resp:	5971
Ion	Ratio	Lower	Upper
75	100		
110	7.5	18.1	54.4#
77	0.0	25.3	37.9#



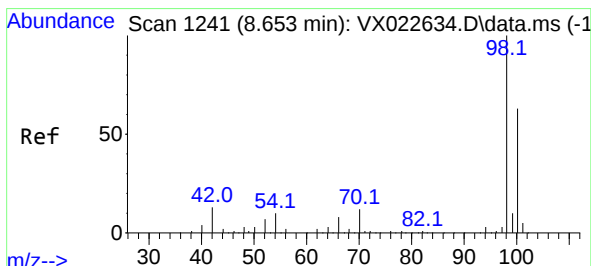
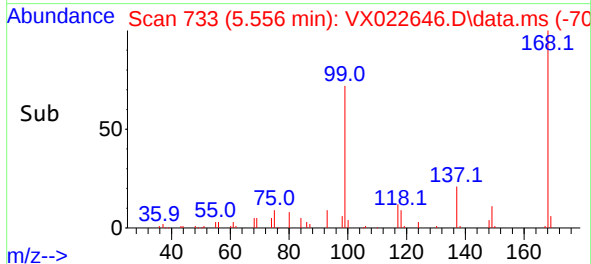
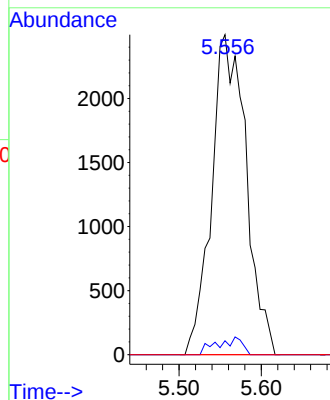


#38
Carbon Tetrachloride
Concen: 7.209 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX022646.D
Acq: 10 Jun 2021 16:07

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

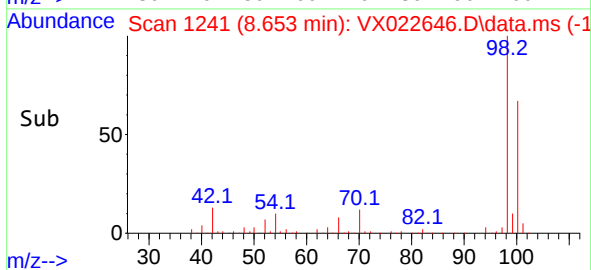
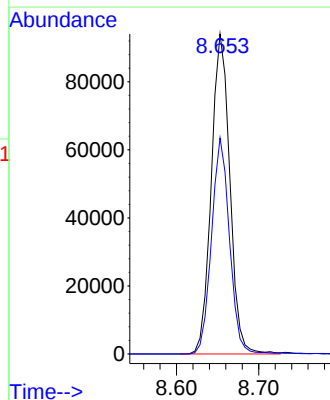
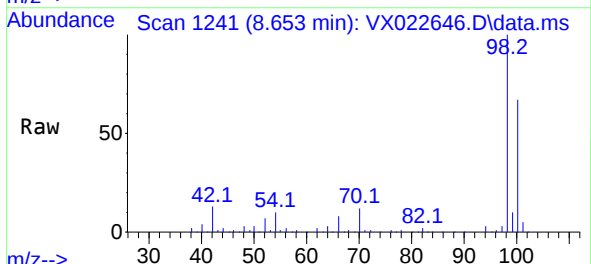


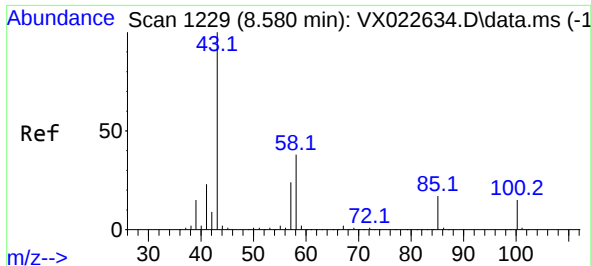
Tgt Ion:117 Resp: 7280
Ion Ratio Lower Upper
117 100
119 4.4 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.452 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022646.D
Acq: 10 Jun 2021 16:07

Tgt Ion: 98 Resp: 147361
Ion Ratio Lower Upper
98 100
100 65.6 51.9 77.9

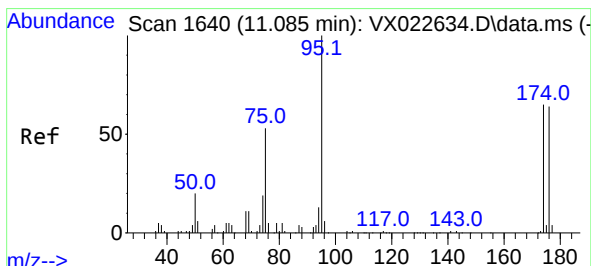
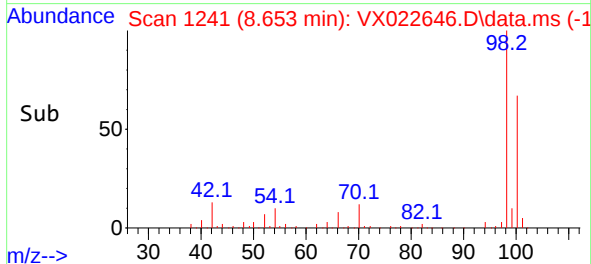
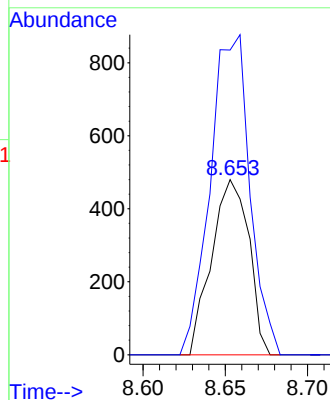
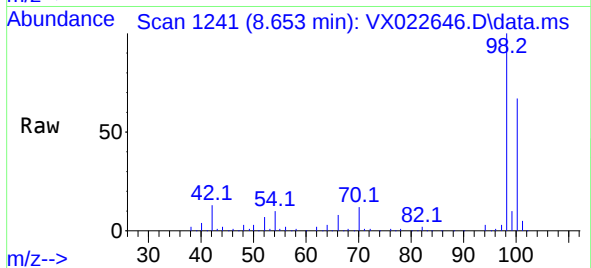




#51
4-Methyl-2-Pentanone
Concen: 0.505 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022646.D
Acq: 10 Jun 2021 16:07

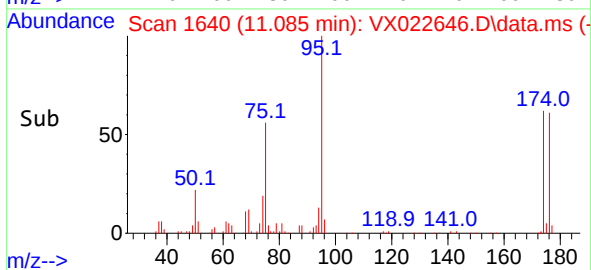
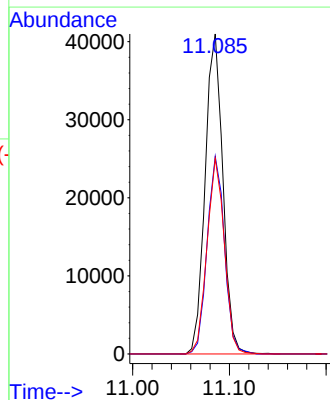
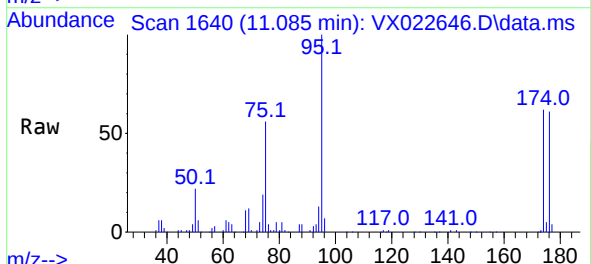
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

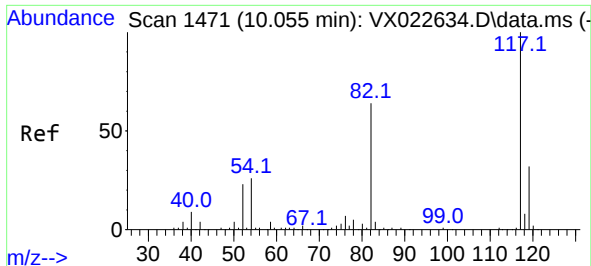
Tgt Ion: 43 Resp: 759
Ion Ratio Lower Upper
43 100
58 193.7 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 46.257 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022646.D
Acq: 10 Jun 2021 16:07

Tgt Ion: 95 Resp: 52132
Ion Ratio Lower Upper
95 100
174 60.3 0.0 154.6
176 59.9 0.0 155.8

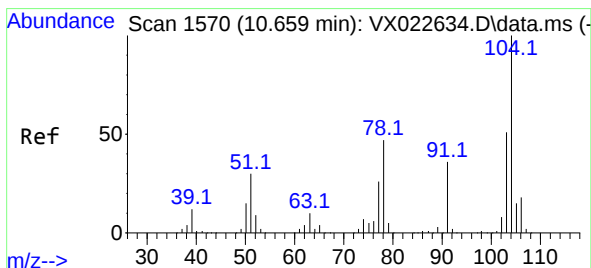
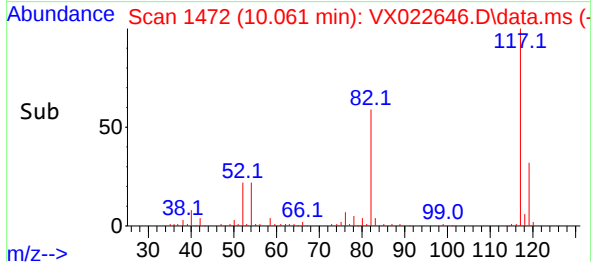
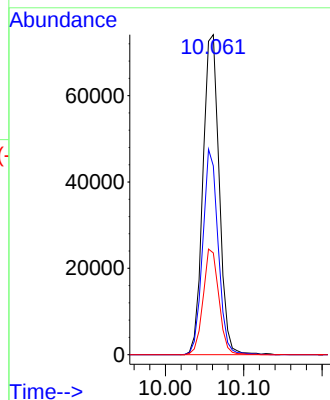
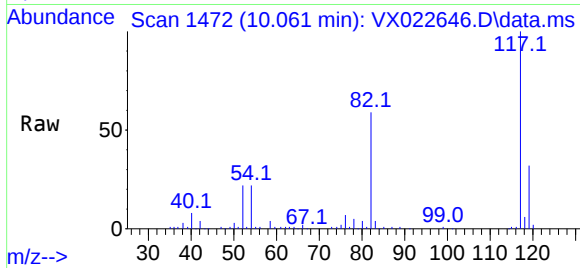




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX022646.D
Acq: 10 Jun 2021 16:07

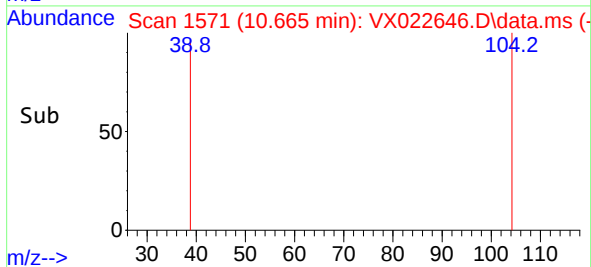
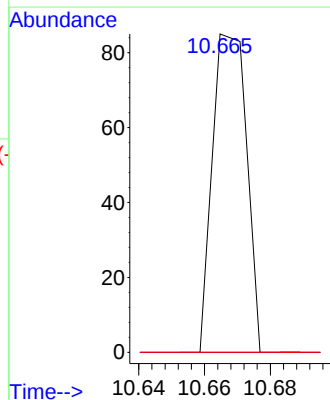
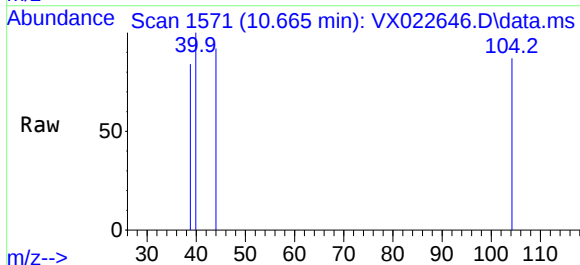
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

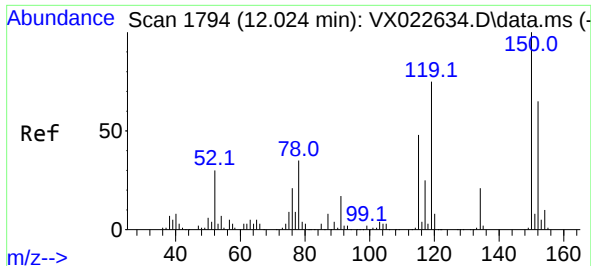
Tgt Ion:117 Resp: 106710
Ion Ratio Lower Upper
117 100
82 59.0 47.4 71.2
119 31.8 26.6 39.8



#70
Styrene
Concen: 1.477 ug/l
RT: 10.665 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VX022646.D
Acq: 10 Jun 2021 16:07

Tgt Ion:104 Resp: 61
Ion Ratio Lower Upper
104 100
78 0.0 40.0 60.0#
103 0.0 43.4 65.0#

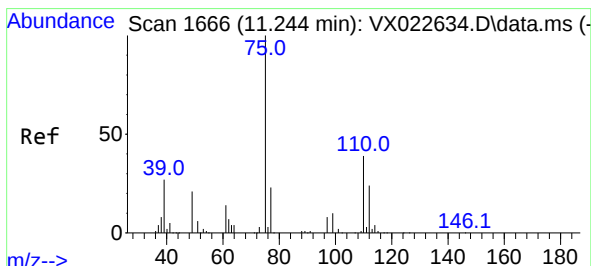
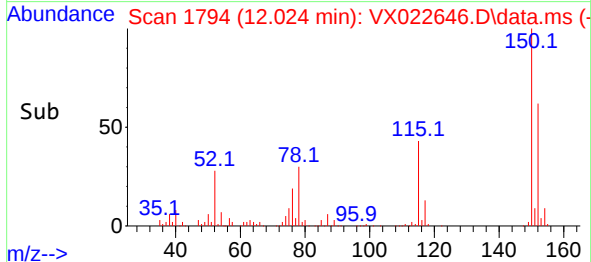
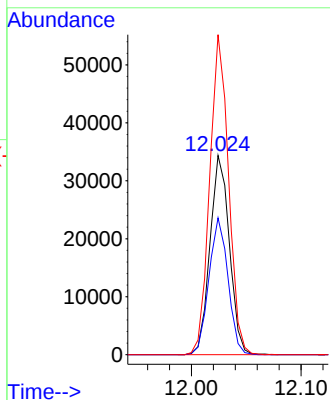
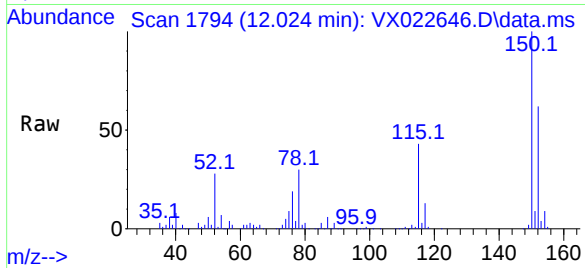




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022646.D
Acq: 10 Jun 2021 16:07

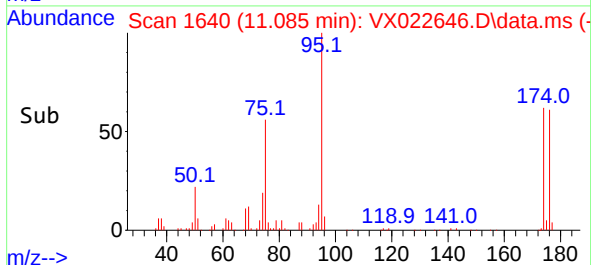
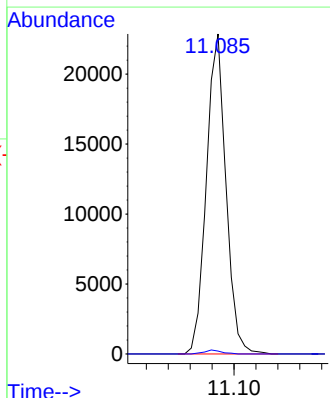
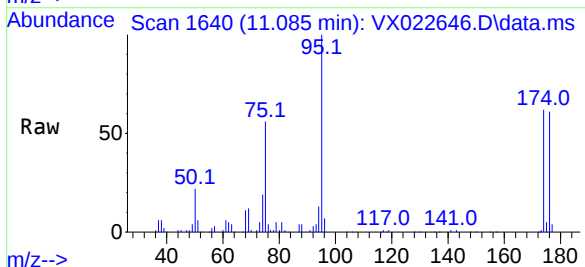
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

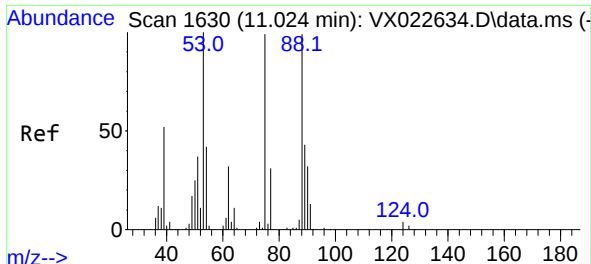
Tgt Ion:152 Resp: 42278
Ion Ratio Lower Upper
152 100
115 67.5 41.1 123.3
150 156.0 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 25.251 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022646.D
Acq: 10 Jun 2021 16:07

Tgt Ion: 75 Resp: 28305
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#

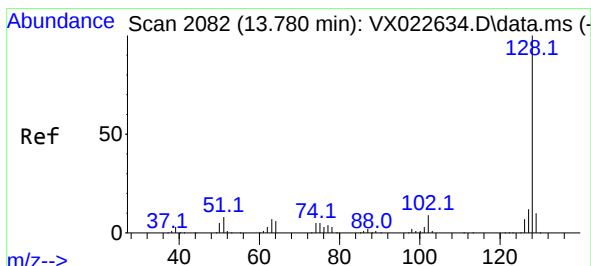
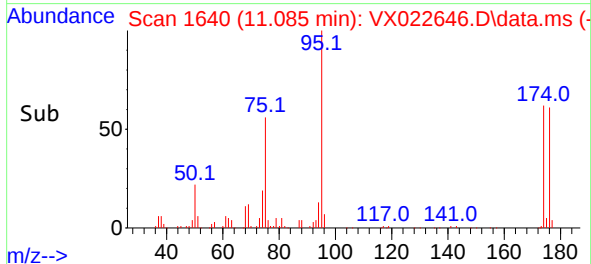
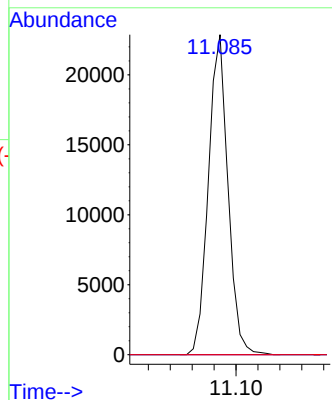
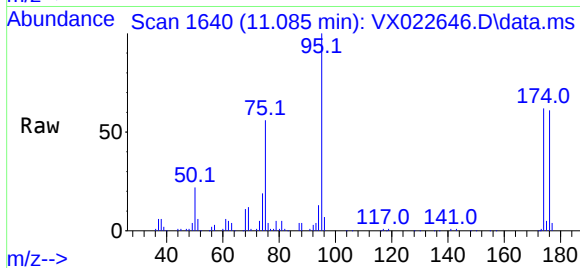




#81
trans-1,4-Dichloro-2-butene
Concen: 63.518 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022646.D
Acq: 10 Jun 2021 16:07

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

Tgt Ion: 75 Resp: 28305
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.504 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX022646.D
Acq: 10 Jun 2021 16:07

Tgt Ion:128 Resp: 109
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

