

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052921\
 Data File : VX022270.D
 Acq On : 28 May 2021 23:09
 Operator : JC/MD
 Sample : M2556-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIPBLANK-5-27-2021

Quant Time: May 29 04:57:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

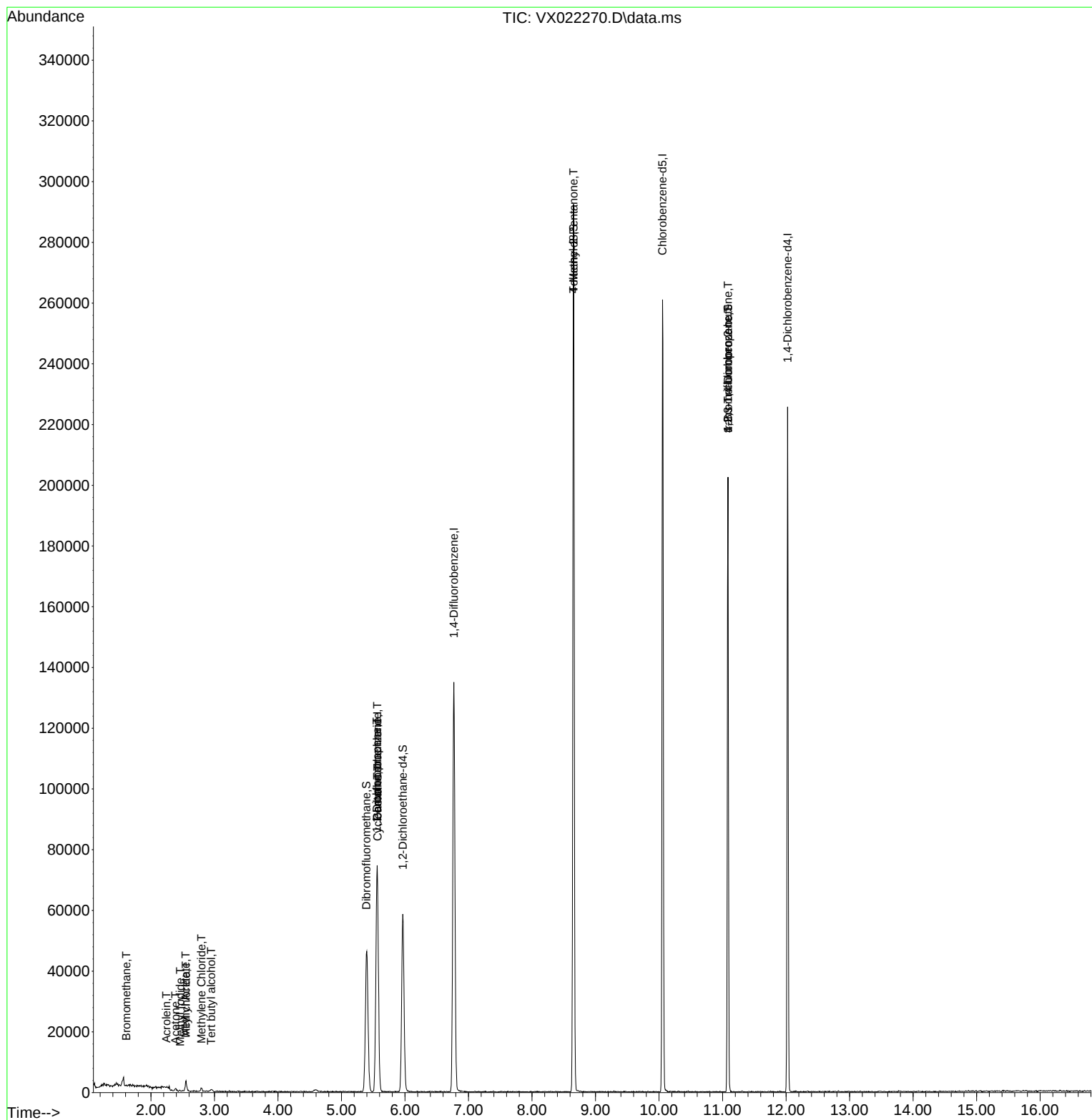
Internal Standards						
1) Pentafluorobenzene	5.562	168	63013	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	133863	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	114709	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	39735	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	53506	55.05	ug/l	0.00
Spiked Amount 50.000	Range	78 - 117	Recovery	=	110.10%	
35) Dibromofluoromethane	5.391	113	40307	47.48	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	=	94.96%	
50) Toluene-d8	8.653	98	163588	50.03	ug/l	0.00
Spiked Amount 50.000	Range	92 - 112	Recovery	=	100.06%	
62) 4-Bromofluorobenzene	11.085	95	52857	43.73	ug/l	0.00
Spiked Amount 50.000	Range	83 - 123	Recovery	=	87.46%	
Target Compounds						
						Qvalue
5) Bromomethane	1.612	94	162	0.32	ug/l	# 43
10) Methyl Iodide	2.459	142	191	0.24	ug/l	# 67
11) Tert butyl alcohol	2.947	59	312	1.40	ug/l	# 73
13) Acrolein	2.239	56	70	0.47	ug/l	# 14
14) Allyl chloride	2.550	41	292	0.22	ug/l	# 28
16) Acetone	2.386	43	919	2.17	ug/l	# 82
18) Methyl Acetate	2.544	43	1071	0.95	ug/l	# 47
20) Methylene Chloride	2.794	84	579	0.62	ug/l	# 84
31) Cyclohexane	5.568	56	1810	1.48	ug/l	# 33
36) 1,1-Dichloropropene	5.556	75	5917	4.78	ug/l	# 48
38) Carbon Tetrachloride	5.562	117	7174	5.92	ug/l	# 14
51) 4-Methyl-2-Pentanone	8.653	43	853	0.57	ug/l	# 1
76) 1,2,3-Trichloropropane	11.085	75	28363	28.93	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	28363	68.55	ug/l	# 12

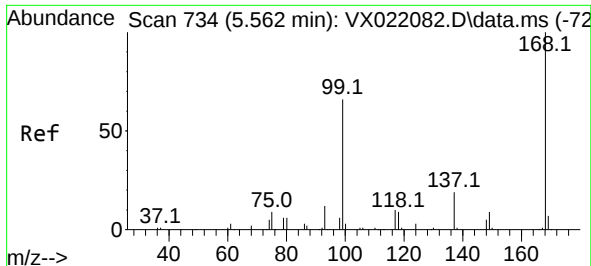
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
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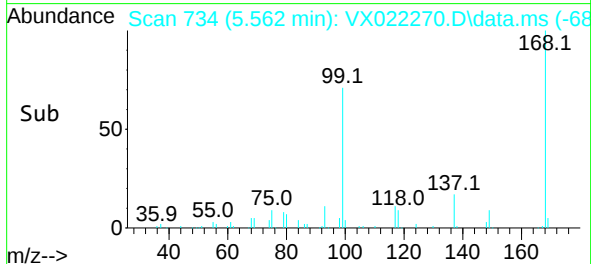
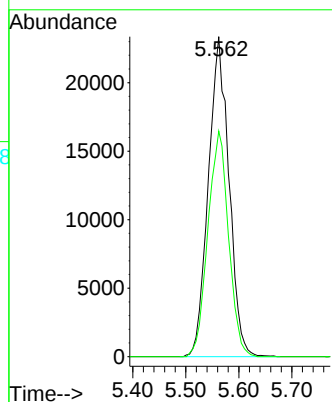
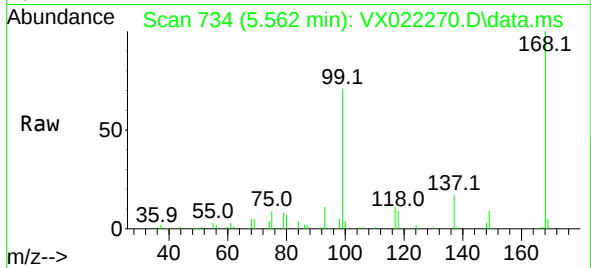




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022270.D
Acq: 28 May 2021 23:09

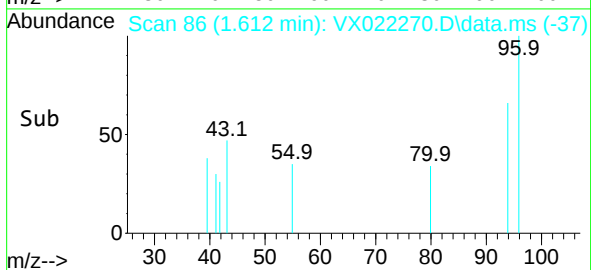
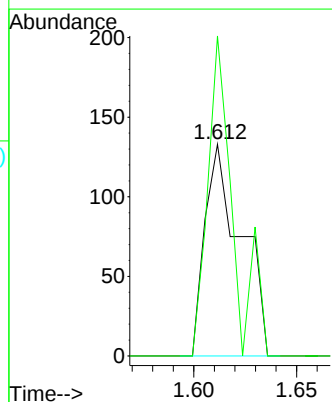
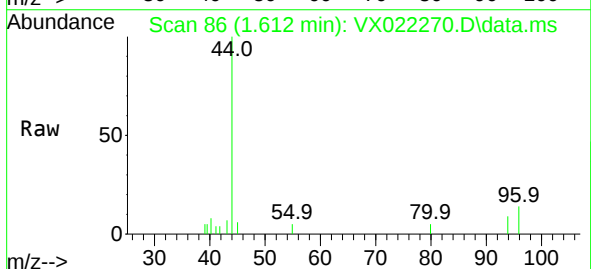
Instrument :
MSVOA_X
ClientSampleId :
TRIPBLANK-5-27-2021

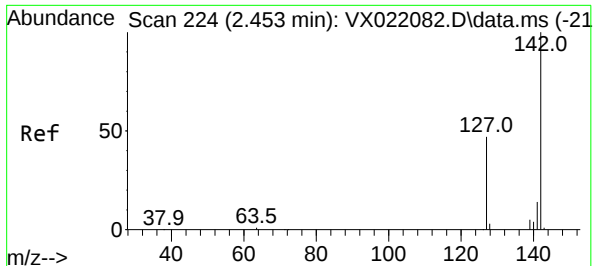
Tgt Ion:168 Resp: 63013
Ion Ratio Lower Upper
168 100
99 70.5 45.8 68.6#



#5
Bromomethane
Concen: 0.32 ug/l
RT: 1.612 min Scan# 86
Delta R.T. -0.000 min
Lab File: VX022270.D
Acq: 28 May 2021 23:09

Tgt Ion: 94 Resp: 162
Ion Ratio Lower Upper
94 100
96 151.1 76.4 114.6#

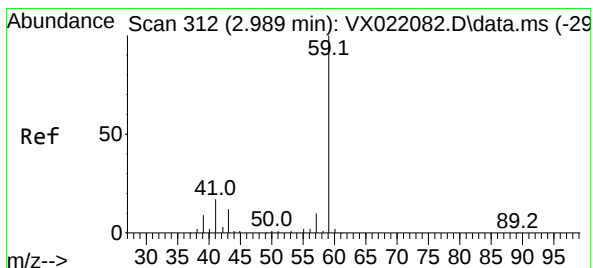
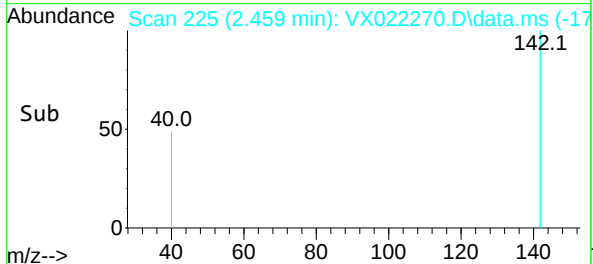
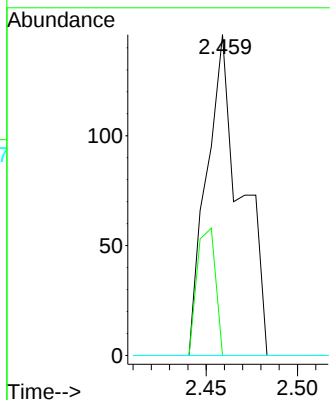
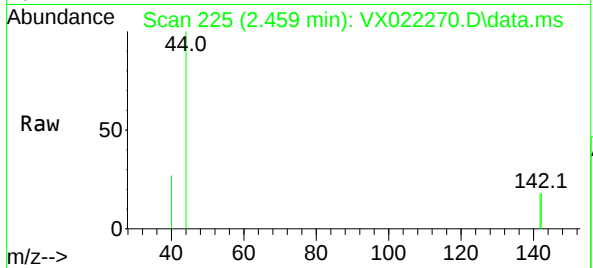




#10
Methyl Iodide
Concen: 0.24 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX022270.D
Acq: 28 May 2021 23:09

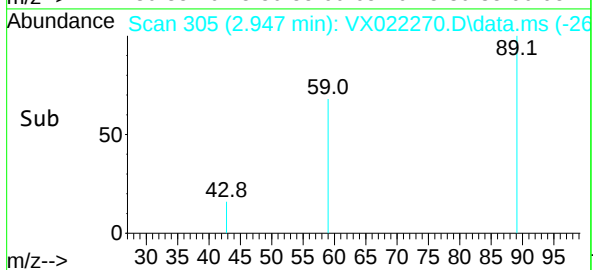
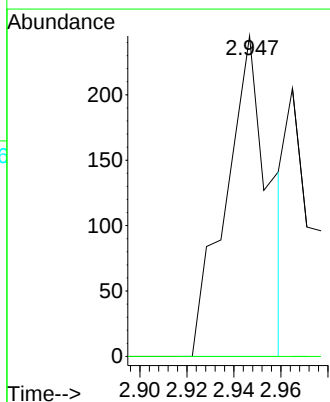
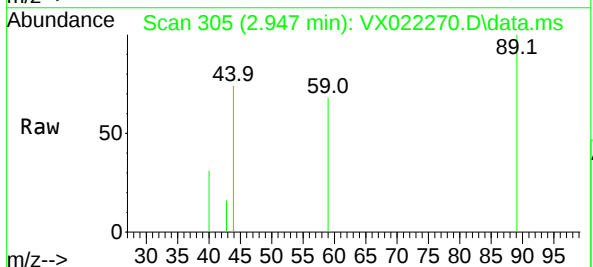
Instrument :
MSVOA_X
ClientSampleId :
TRIPBLANK-5-27-2021

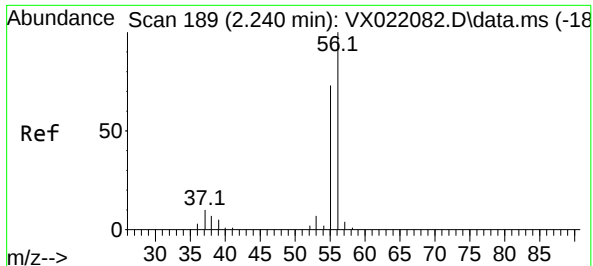
Tgt Ion:142 Resp: 191
Ion Ratio Lower Upper
142 100
127 21.5 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 1.40 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.042 min
Lab File: VX022270.D
Acq: 28 May 2021 23:09

Tgt Ion: 59 Resp: 312
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

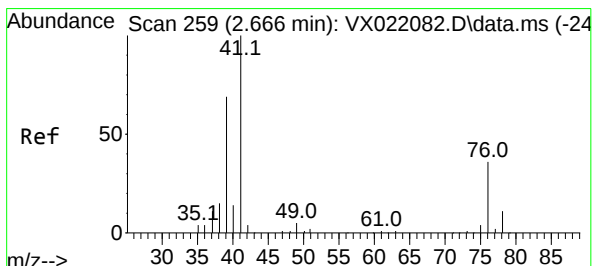
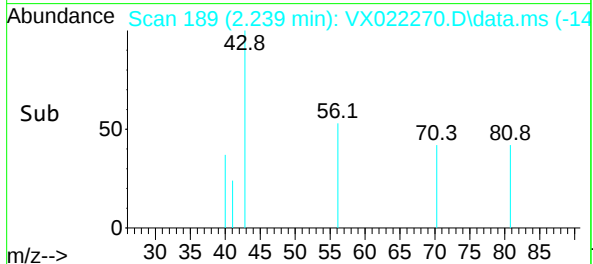
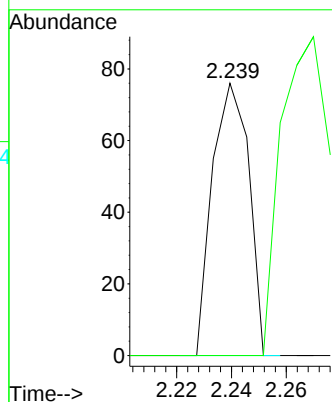
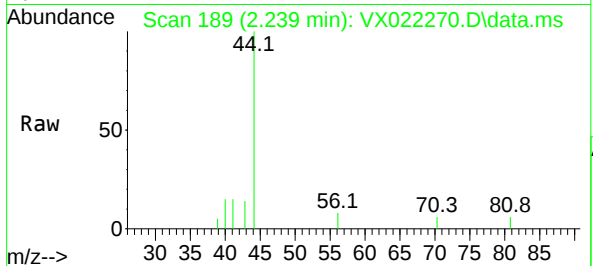




#13
Acrolein
Concen: 0.47 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.001 min
Lab File: VX022270.D
Acq: 28 May 2021 23:09

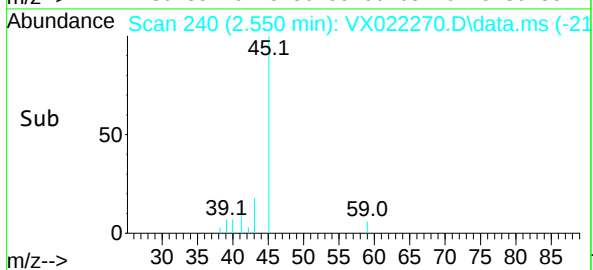
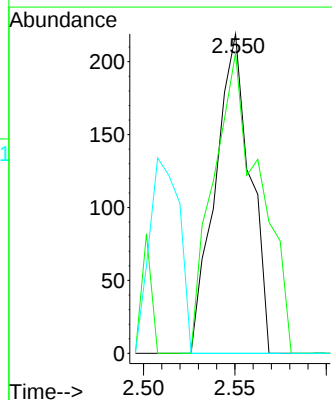
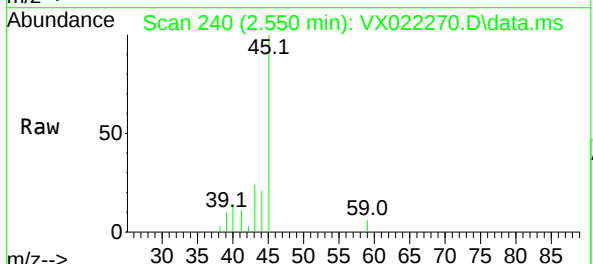
Instrument :
MSVOA_X
ClientSampleId :
TRIPBLANK-5-27-2021

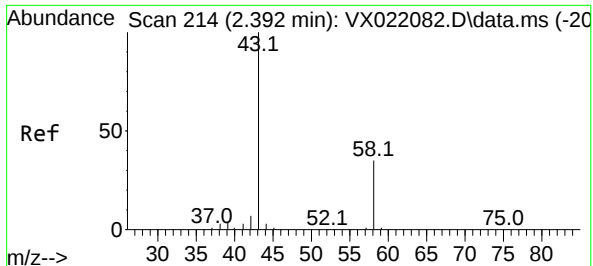
Tgt Ion: 56 Resp: 70
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#14
Allyl chloride
Concen: 0.22 ug/l
RT: 2.550 min Scan# 240
Delta R.T. -0.116 min
Lab File: VX022270.D
Acq: 28 May 2021 23:09

Tgt Ion: 41 Resp: 292
Ion Ratio Lower Upper
41 100
39 124.7 51.6 77.4#
76 0.0 30.5 45.7#

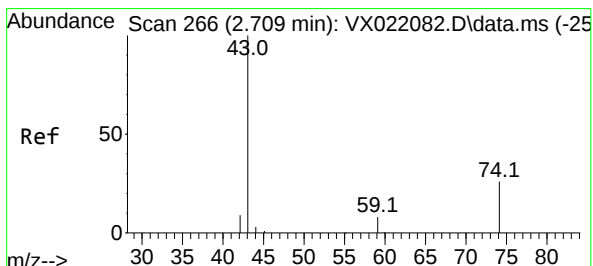
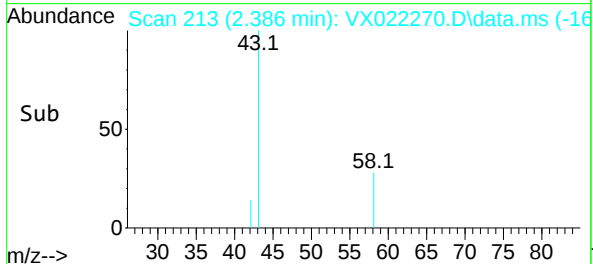
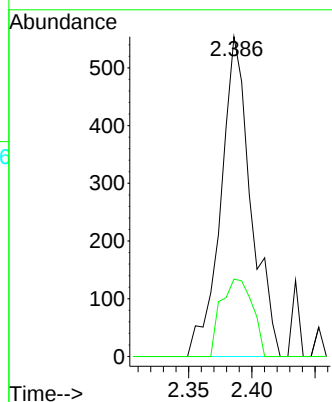
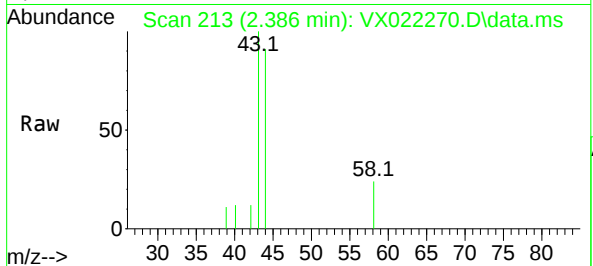




#16
Acetone
Concen: 2.17 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022270.D
Acq: 28 May 2021 23:09

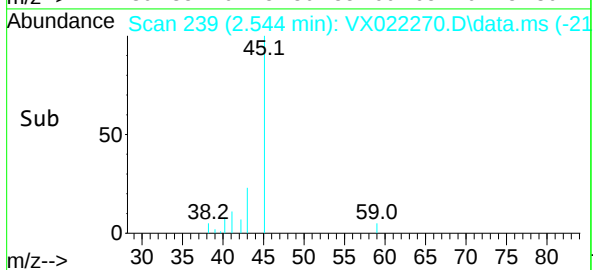
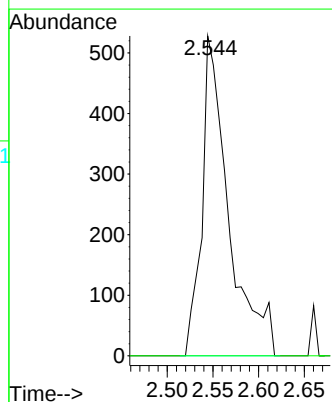
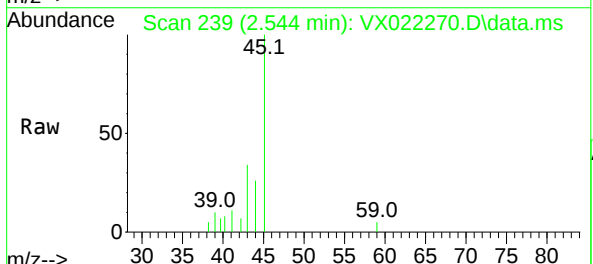
Instrument :
MSVOA_X
ClientSampleId :
TRIPBLANK-5-27-2021

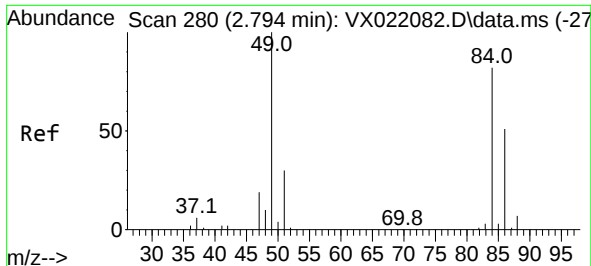
Tgt Ion: 43 Resp: 919
Ion Ratio Lower Upper
43 100
58 24.2 27.8 41.8#



#18
Methyl Acetate
Concen: 0.95 ug/l
RT: 2.544 min Scan# 239
Delta R.T. -0.165 min
Lab File: VX022270.D
Acq: 28 May 2021 23:09

Tgt Ion: 43 Resp: 1071
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



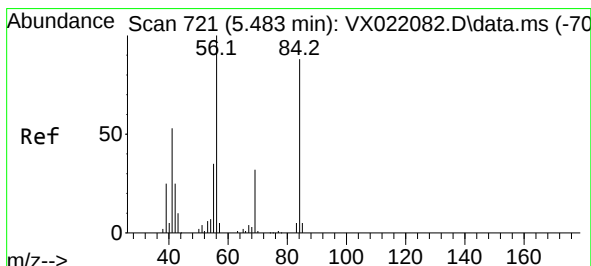
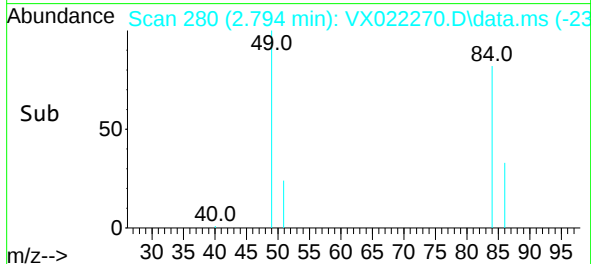
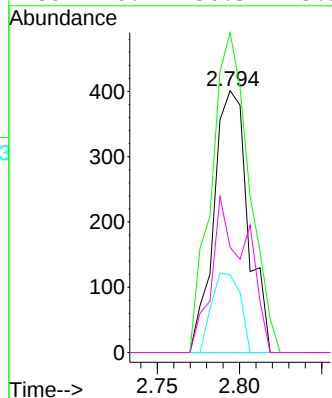
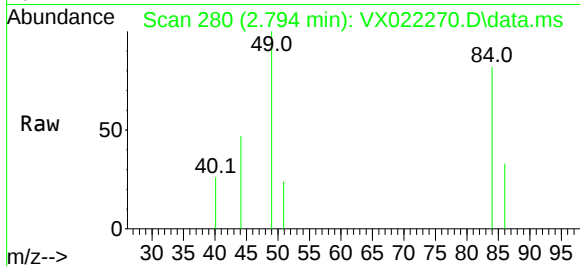


#20
Methylene Chloride
Concen: 0.62 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022270.D
Acq: 28 May 2021 23:09

Instrument :
MSVOA_X
ClientSampleId :
TRIPBLANK-5-27-2021

Tgt Ion: 84 Resp: 579

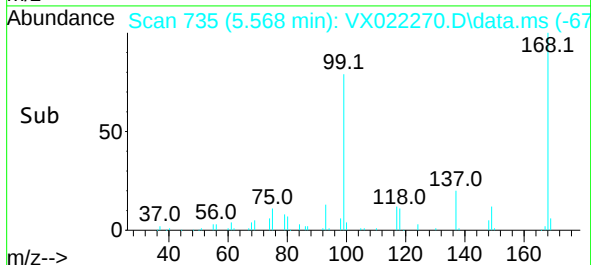
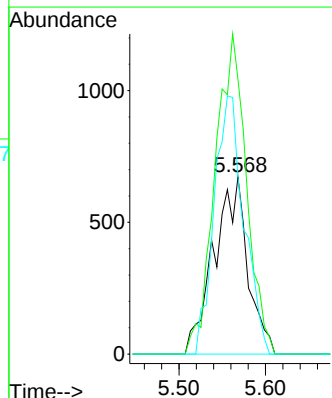
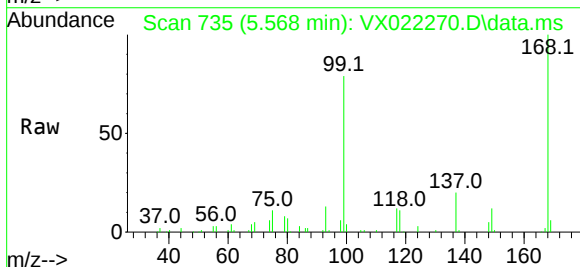
Ion	Ratio	Lower	Upper
84	100		
49	122.2	88.6	132.8
51	29.7	27.0	40.6
86	40.1	50.3	75.5#

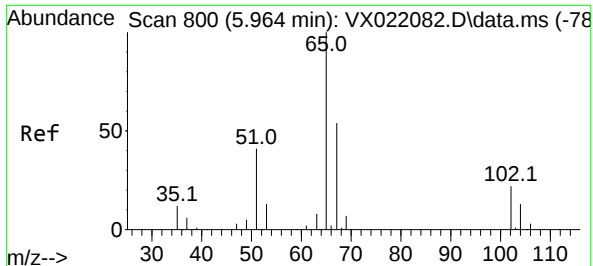


#31
Cyclohexane
Concen: 1.48 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.085 min
Lab File: VX022270.D
Acq: 28 May 2021 23:09

Tgt Ion: 56 Resp: 1810

Ion	Ratio	Lower	Upper
56	100		
69	155.2	25.3	37.9#
84	100.1	71.4	107.0





#33

1,2-Dichloroethane-d4

Concen: 55.05 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX022270.D

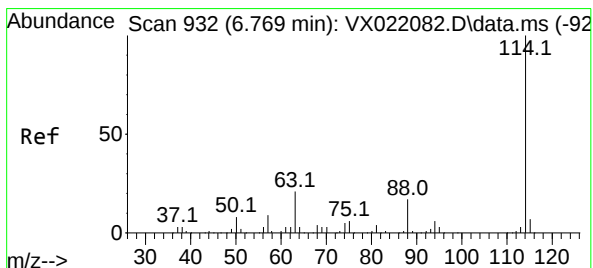
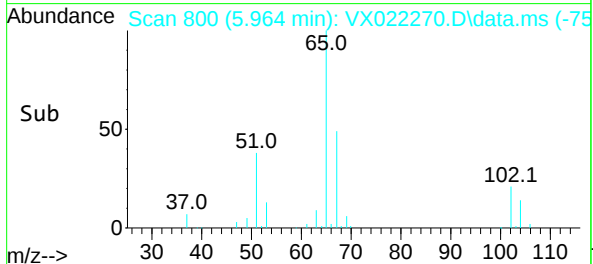
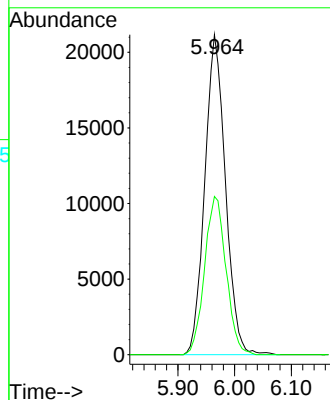
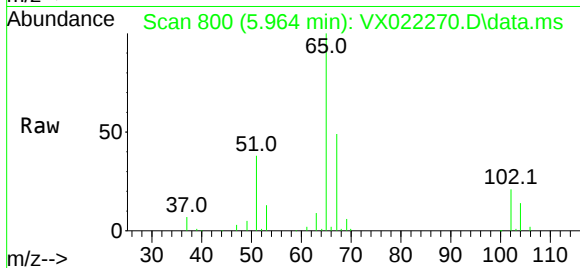
Acq: 28 May 2021 23:09

Tgt Ion: 65 Resp: 53506

Ion Ratio Lower Upper

65 100

67 51.4 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX022270.D

Acq: 28 May 2021 23:09

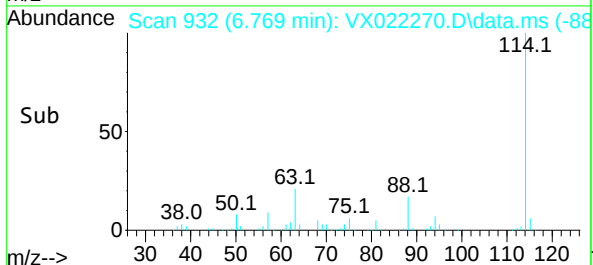
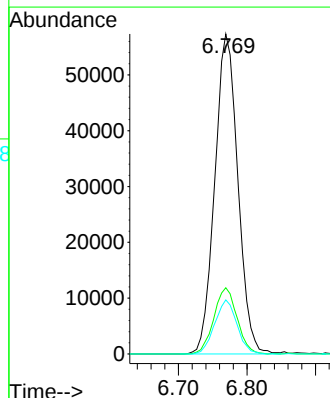
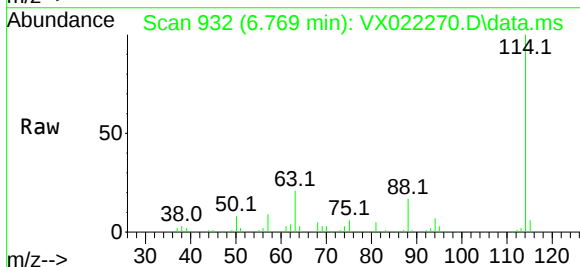
Tgt Ion: 114 Resp: 133863

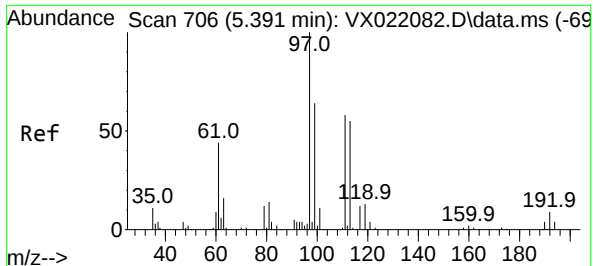
Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.8

88 16.9 0.0 32.8

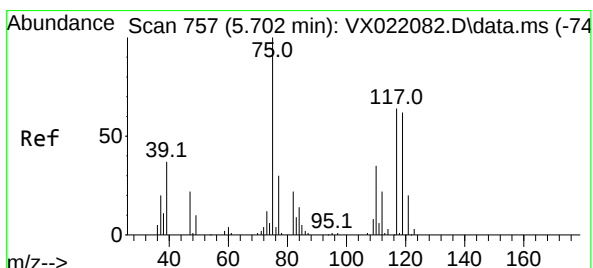
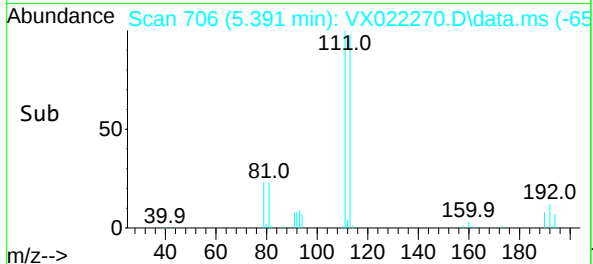
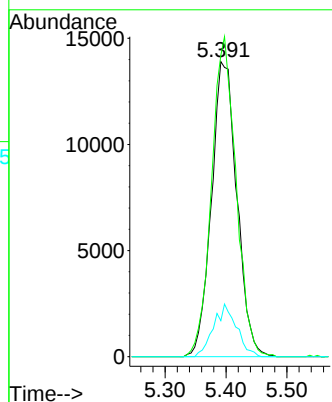
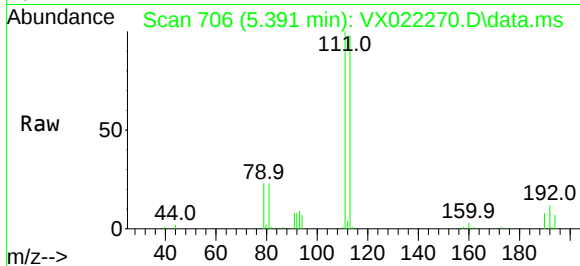




#35
Dibromofluoromethane
Concen: 47.48 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX022270.D
Acq: 28 May 2021 23:09

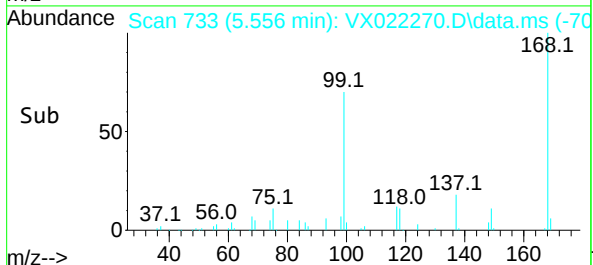
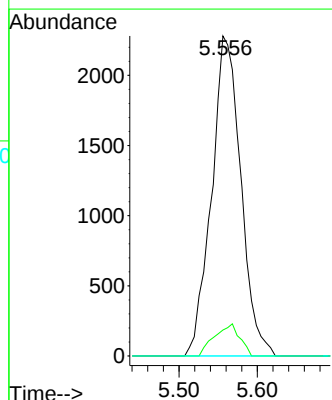
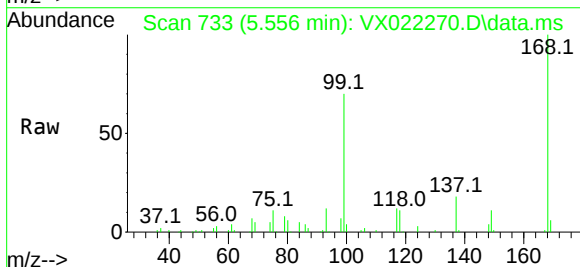
Instrument :
MSVOA_X
ClientSampleId :
TRIPBLANK-5-27-2021

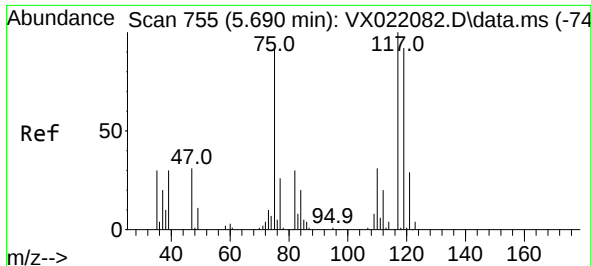
Tgt Ion:113 Resp: 40307
Ion Ratio Lower Upper
113 100
111 104.4 81.9 122.9
192 16.2 16.7 25.1#



#36
1,1-Dichloropropene
Concen: 4.78 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX022270.D
Acq: 28 May 2021 23:09

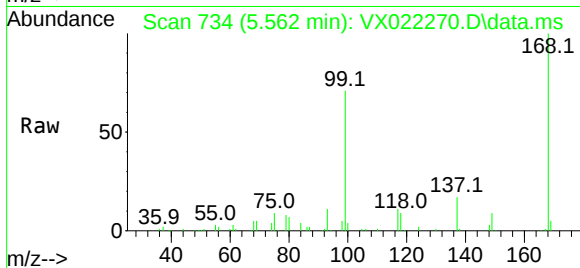
Tgt Ion: 75 Resp: 5917
Ion Ratio Lower Upper
75 100
110 8.7 18.1 54.4#
77 0.0 25.3 37.9#



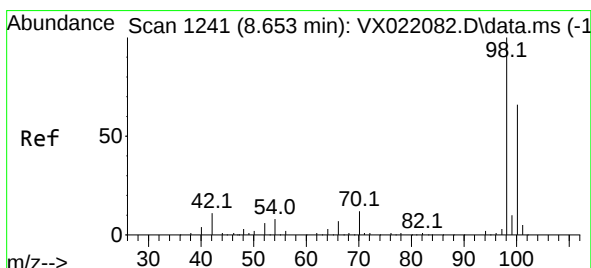
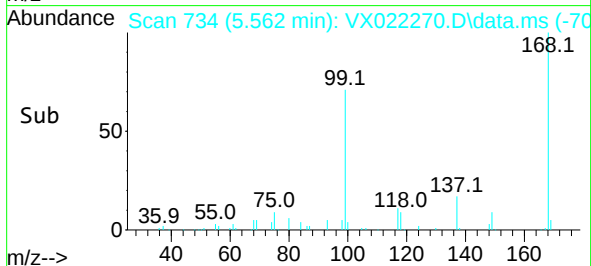
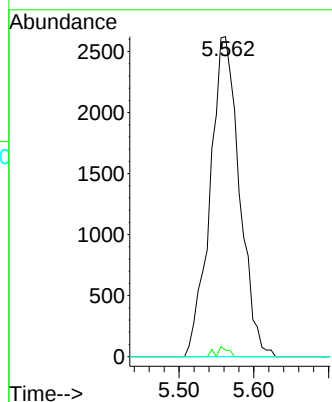


#38
Carbon Tetrachloride
Concen: 5.92 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022270.D
Acq: 28 May 2021 23:09

Instrument :
MSVOA_X
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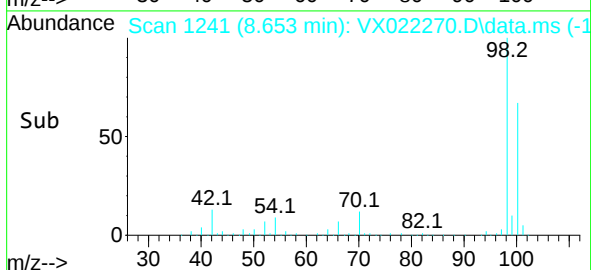
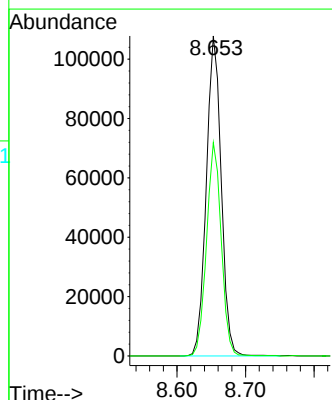
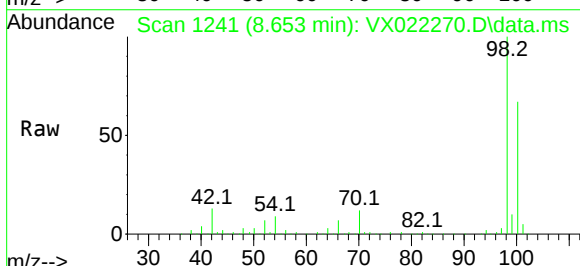


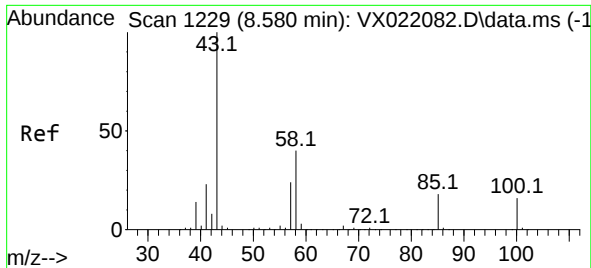
Tgt Ion:117 Resp: 7174
Ion Ratio Lower Upper
117 100
119 2.0 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.03 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022270.D
Acq: 28 May 2021 23:09

Tgt Ion: 98 Resp: 163588
Ion Ratio Lower Upper
98 100
100 65.5 51.9 77.9

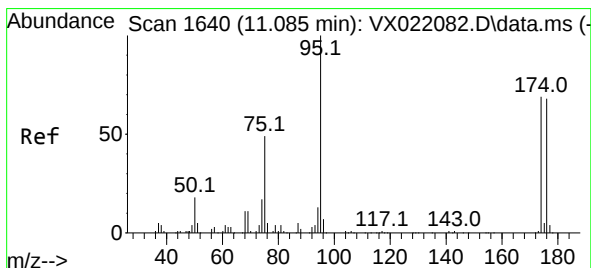
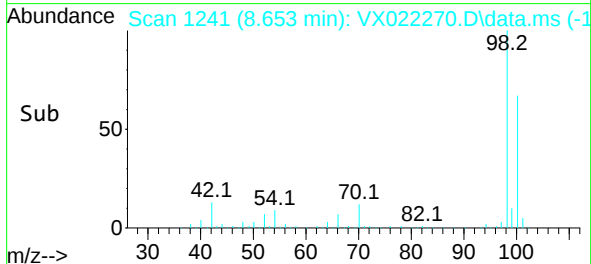
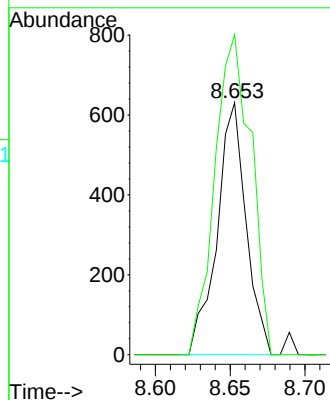
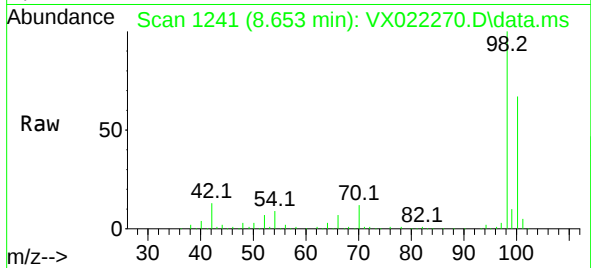




#51
4-Methyl-2-Pentanone
Concen: 0.57 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022270.D
Acq: 28 May 2021 23:09

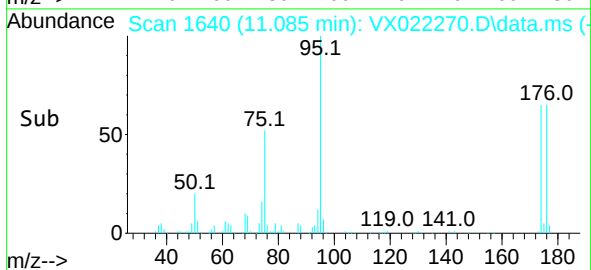
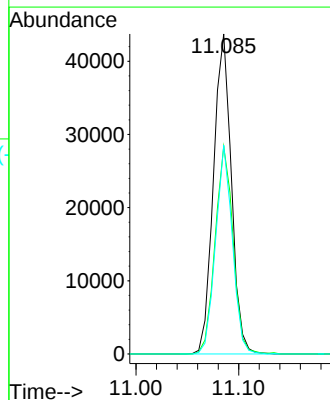
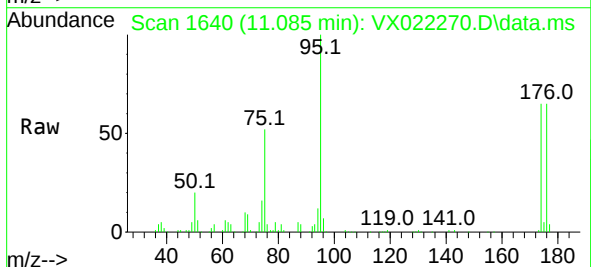
Instrument :
MSVOA_X
ClientSampleId :
TRIPBLANK-5-27-2021

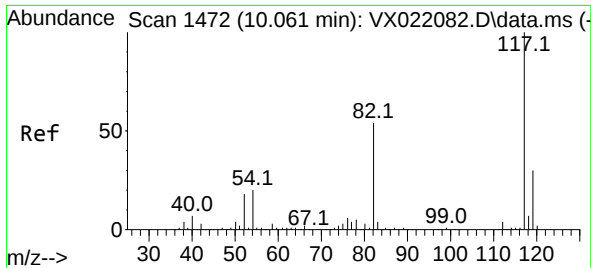
Tgt Ion: 43 Resp: 853
Ion Ratio Lower Upper
43 100
58 158.4 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 43.73 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022270.D
Acq: 28 May 2021 23:09

Tgt Ion: 95 Resp: 52857
Ion Ratio Lower Upper
95 100
174 65.0 0.0 154.6
176 61.2 0.0 155.8

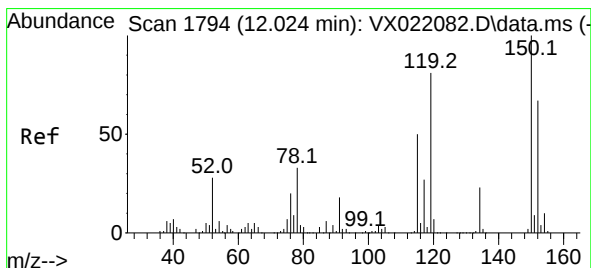
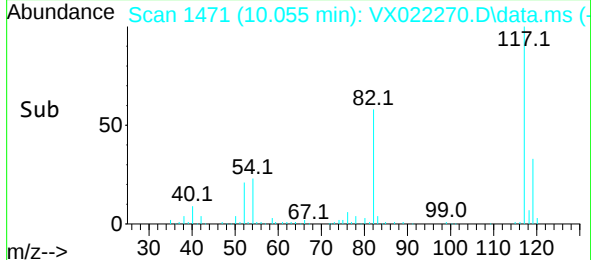
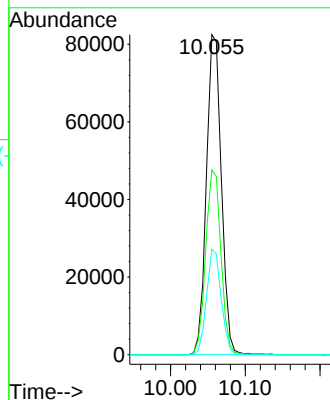
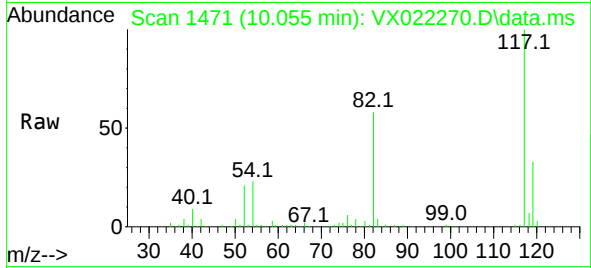




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022270.D
Acq: 28 May 2021 23:09

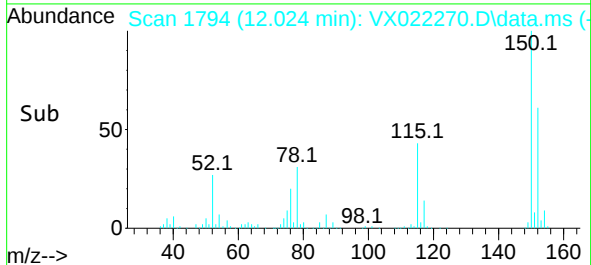
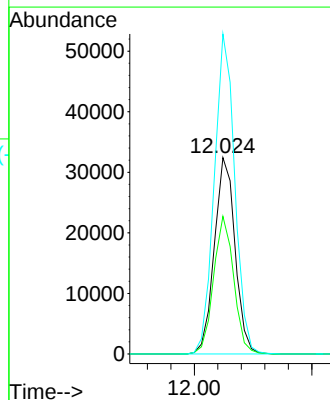
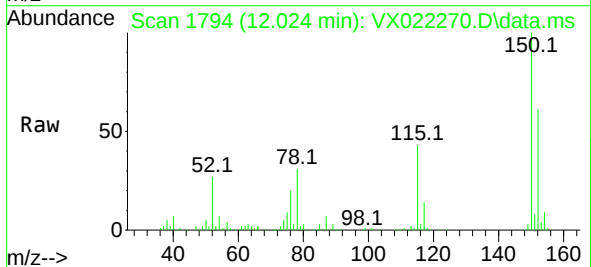
Instrument :
MSVOA_X
ClientSampleId :
TRIPBLANK-5-27-2021

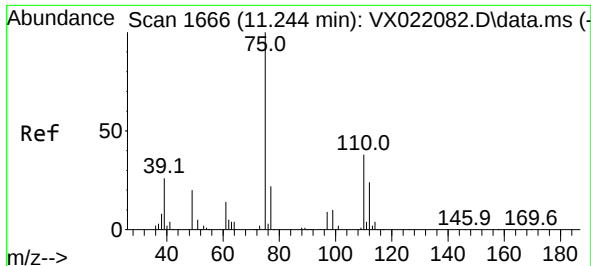
Tgt Ion:117 Resp: 114709
Ion Ratio Lower Upper
117 100
82 57.7 47.4 71.2
119 33.0 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022270.D
Acq: 28 May 2021 23:09

Tgt Ion:152 Resp: 39735
Ion Ratio Lower Upper
152 100
115 68.0 41.1 123.3
150 161.0 0.0 349.0

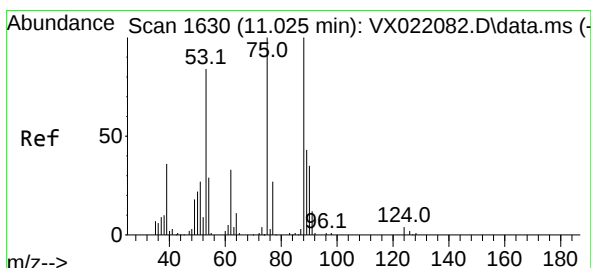
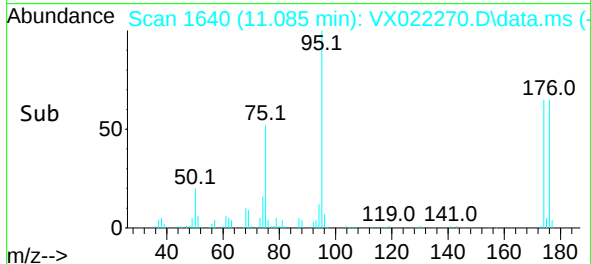
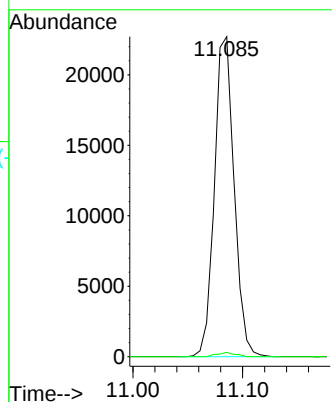
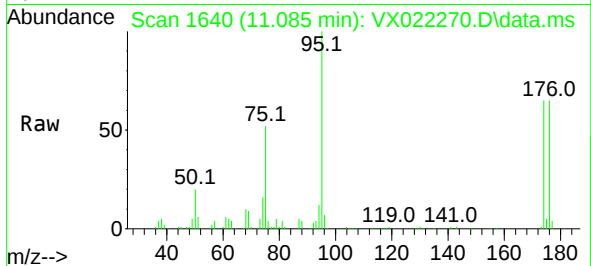




#76
1,2,3-Trichloropropane
Concen: 28.93 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022270.D
Acq: 28 May 2021 23:09

Instrument :
MSVOA_X
ClientSampleId :
TRIPBLANK-5-27-2021

Tgt Ion: 75 Resp: 28363
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.55 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022270.D
Acq: 28 May 2021 23:09

Tgt Ion: 75 Resp: 28363
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

