

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060121\
 Data File : VX022311.D
 Acq On : 02 Jun 2021 00:03
 Operator : JC/MD
 Sample : VX0601WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0601WBL02

Quant Time: Jun 02 03:27:54 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)

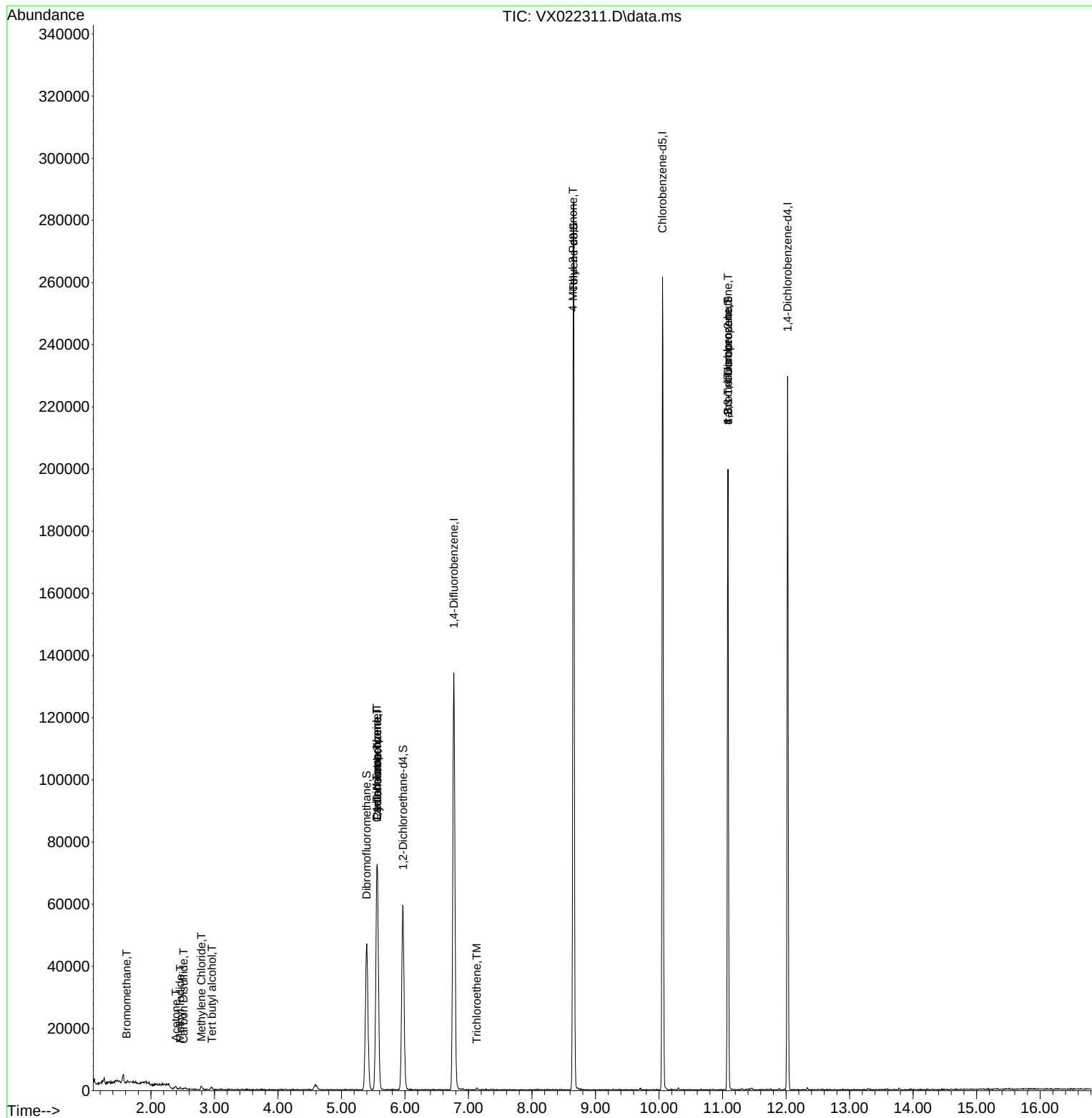
Internal Standards						
1) Pentafluorobenzene	5.562	168	63224	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	134595	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	113123	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	42011	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	53719	55.08	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 110.16%	
35) Dibromofluoromethane	5.397	113	39868	46.71	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 93.42%	
50) Toluene-d8	8.653	98	162325	49.37	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.74%	
62) 4-Bromofluorobenzene	11.085	95	53640	44.14	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 88.28%	
Target Compounds						
						Qvalue
5) Bromomethane	1.617	94	132	0.26	ug/l	# 53
10) Methyl Iodide	2.459	142	363	0.45	ug/l	# 85
11) Tert butyl alcohol	2.959	59	519	2.33	ug/l	# 73
16) Acetone	2.392	43	1013	2.39	ug/l	91
17) Carbon Disulfide	2.514	76	400	0.21	ug/l	# 75
20) Methylene Chloride	2.794	84	636	0.67	ug/l	# 83
31) Cyclohexane	5.562	56	1782	1.45	ug/l	# 20
36) 1,1-Dichloropropene	5.556	75	6358	5.11	ug/l	# 48
38) Carbon Tetrachloride	5.556	117	6931	5.69	ug/l	# 17
44) Trichloroethene	7.129	130	219	0.23	ug/l	50
51) 4-Methyl-2-Pentanone	8.647	43	806	0.54	ug/l	# 1
76) 1,2,3-Trichloropropane	11.085	75	28078	27.09	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	28078	64.19	ug/l	# 12

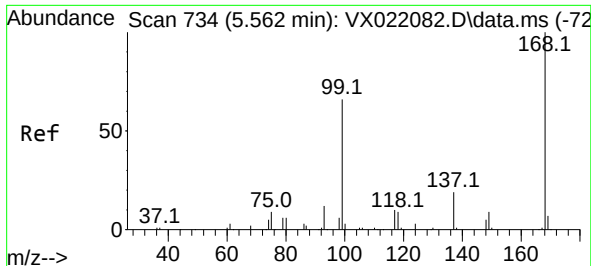
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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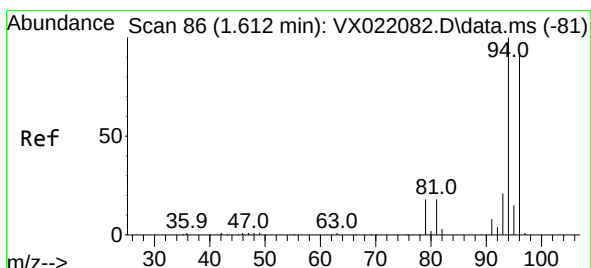
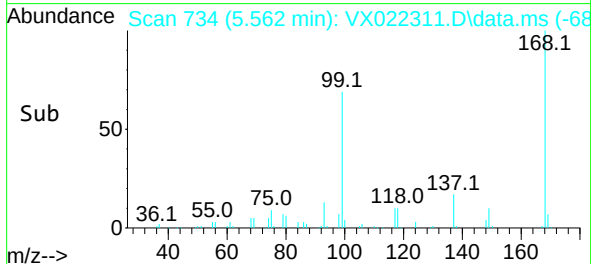
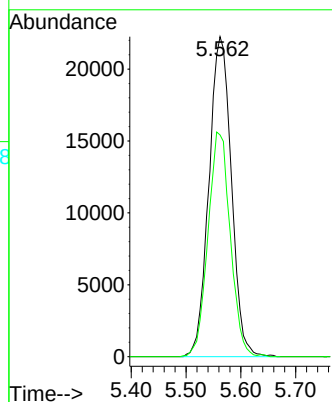
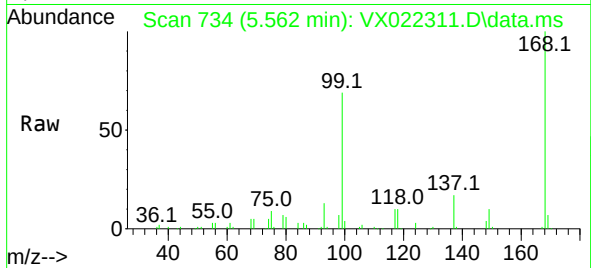




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022311.D
Acq: 02 Jun 2021 00:03

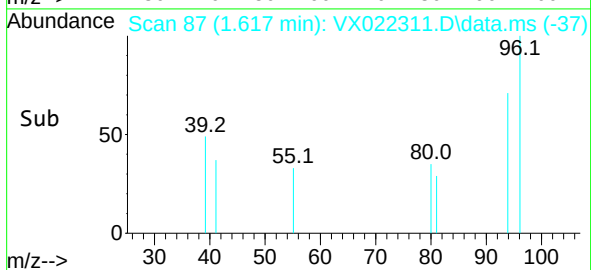
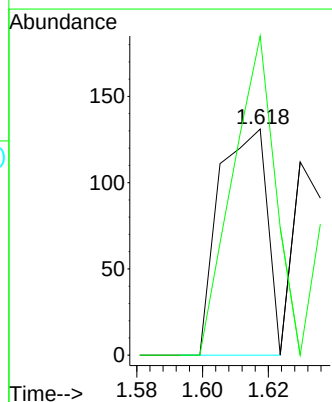
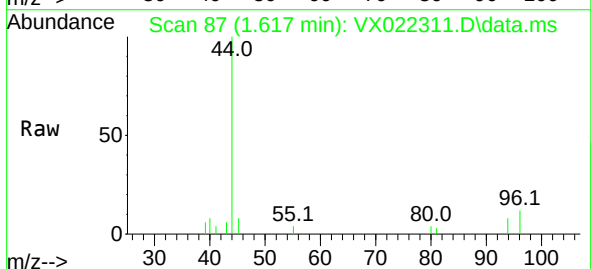
Instrument :
MSVOA_X
ClientSampleId :
VX0601WBL02

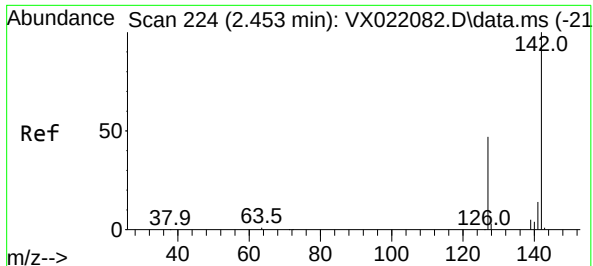
Tgt Ion:168 Resp: 63224
Ion Ratio Lower Upper
168 100
99 69.3 45.8 68.6#



#5
Bromomethane
Concen: 0.26 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.005 min
Lab File: VX022311.D
Acq: 02 Jun 2021 00:03

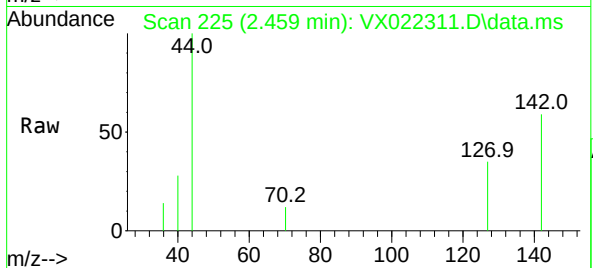
Tgt Ion: 94 Resp: 132
Ion Ratio Lower Upper
94 100
96 141.2 76.4 114.6#



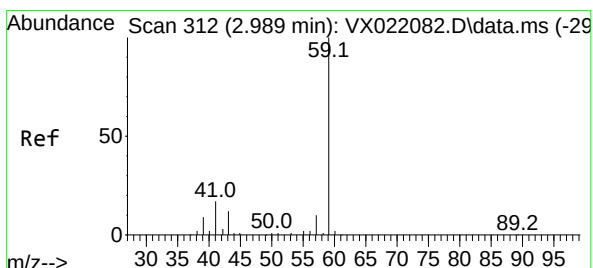
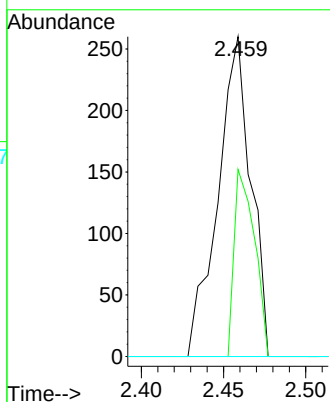
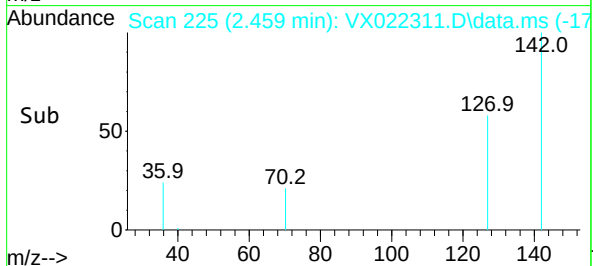


#10
Methyl Iodide
Concen: 0.45 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX022311.D
Acq: 02 Jun 2021 00:03

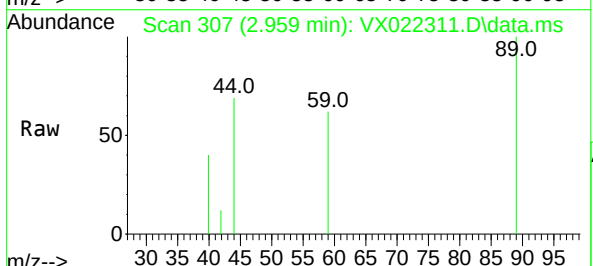
Instrument :
MSVOA_X
ClientSampleId :
VX0601WBL02



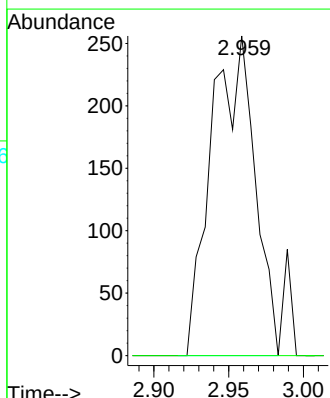
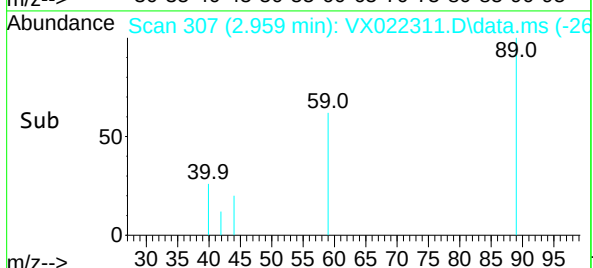
Tgt Ion:142 Resp: 363
Ion Ratio Lower Upper
142 100
127 36.1 33.3 49.9
141 0.0 11.4 17.0#

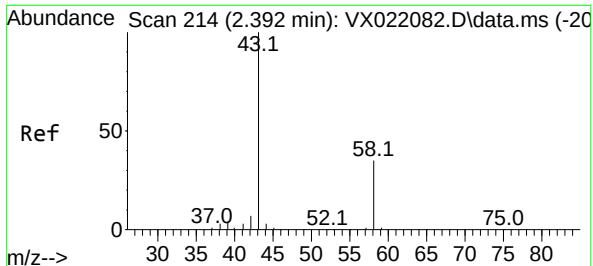


#11
Tert butyl alcohol
Concen: 2.33 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.030 min
Lab File: VX022311.D
Acq: 02 Jun 2021 00:03



Tgt Ion: 59 Resp: 519
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

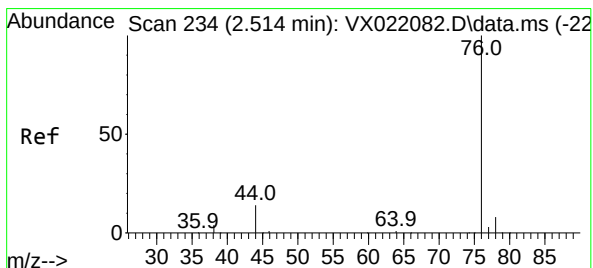
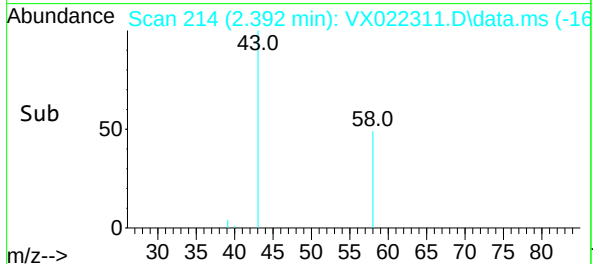
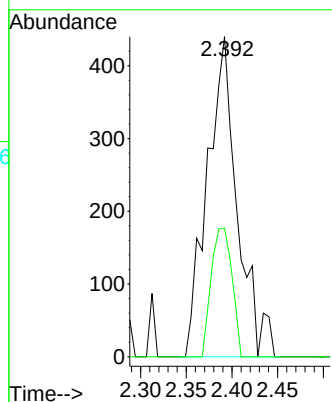
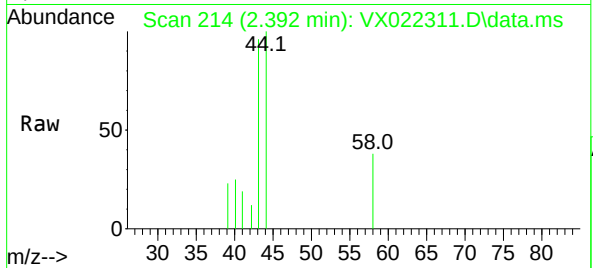




#16
Acetone
Concen: 2.39 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022311.D
Acq: 02 Jun 2021 00:03

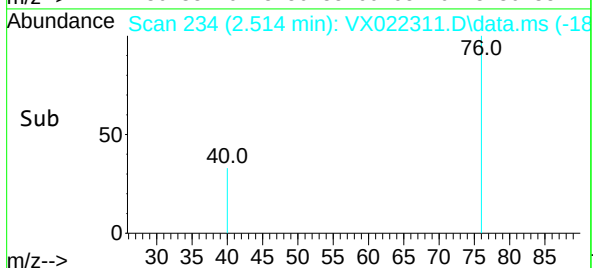
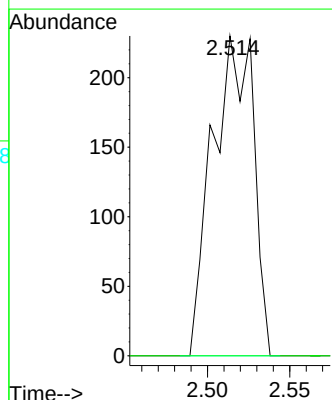
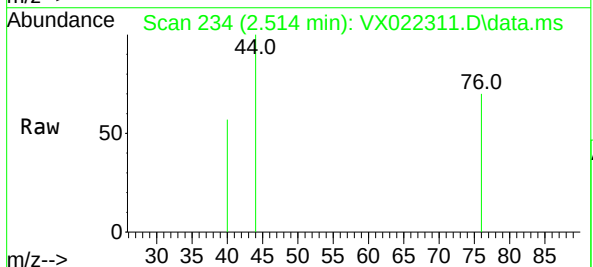
Instrument :
MSVOA_X
ClientSampleId :
VX0601WBL02

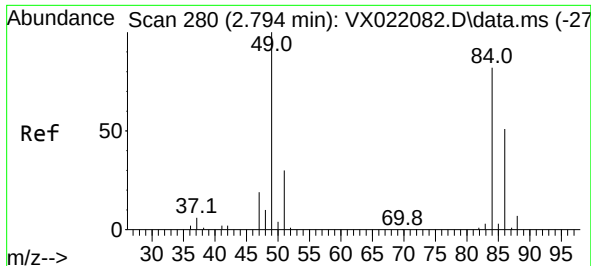
Tgt Ion: 43 Resp: 1013
Ion Ratio Lower Upper
43 100
58 40.2 27.8 41.8



#17
Carbon Disulfide
Concen: 0.21 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022311.D
Acq: 02 Jun 2021 00:03

Tgt Ion: 76 Resp: 400
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



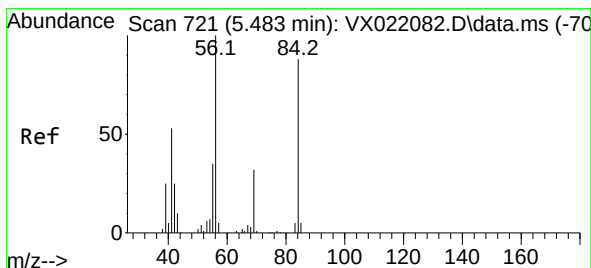
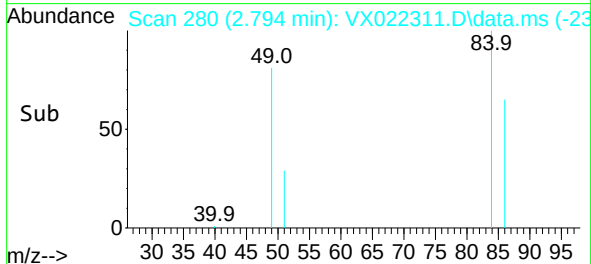
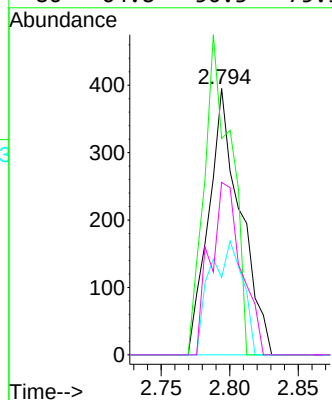
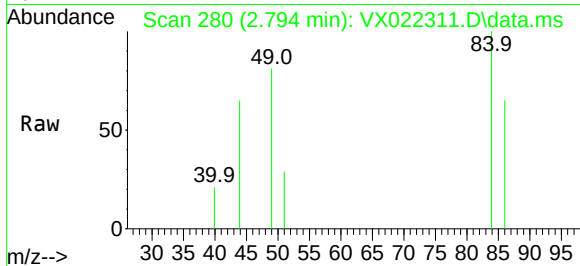


#20
Methylene Chloride
Concen: 0.67 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022311.D
Acq: 02 Jun 2021 00:03

Instrument :
MSVOA_X
ClientSampleId :
VX0601WBL02

Tgt Ion: 84 Resp: 636

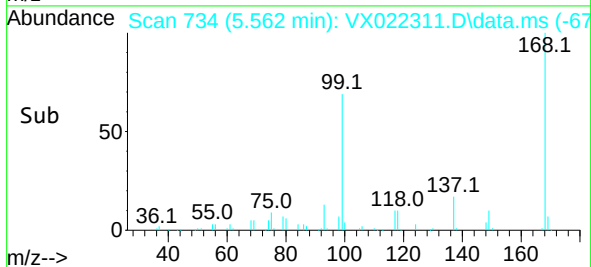
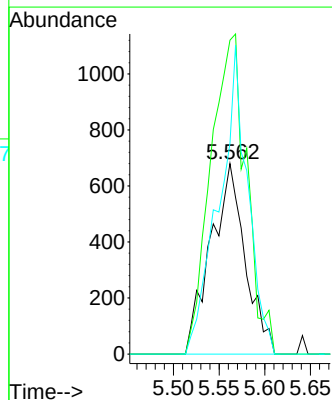
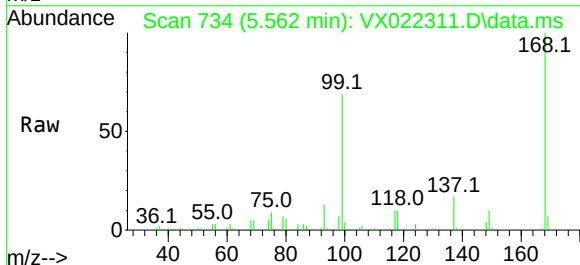
Ion	Ratio	Lower	Upper
84	100		
49	81.3	88.6	132.8#
51	29.1	27.0	40.6
86	64.8	50.3	75.5

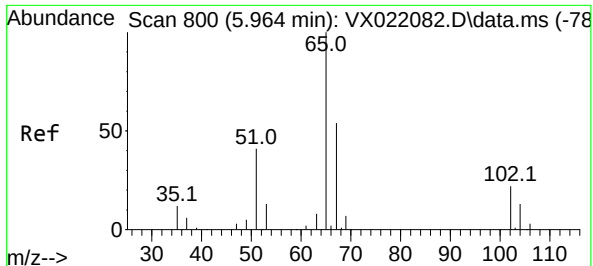


#31
Cyclohexane
Concen: 1.45 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.079 min
Lab File: VX022311.D
Acq: 02 Jun 2021 00:03

Tgt Ion: 56 Resp: 1782

Ion	Ratio	Lower	Upper
56	100		
69	164.9	25.3	37.9#
84	110.6	71.4	107.0#



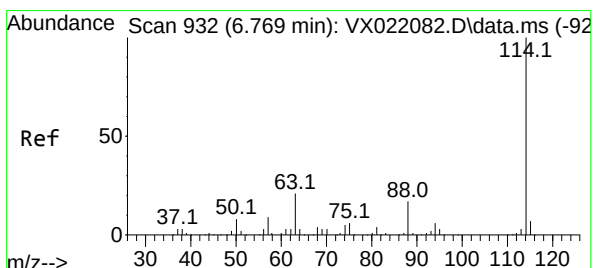
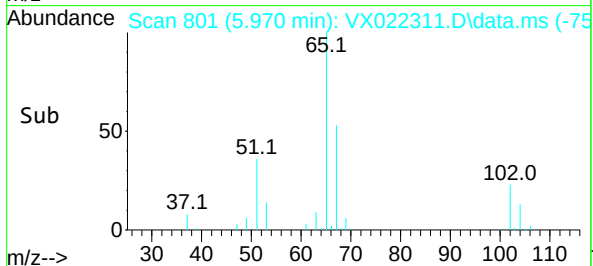
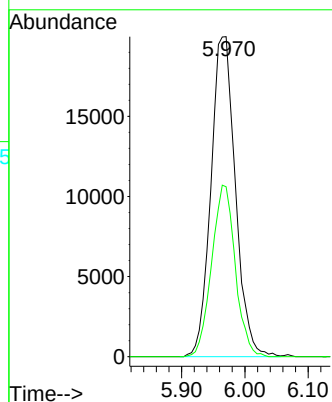
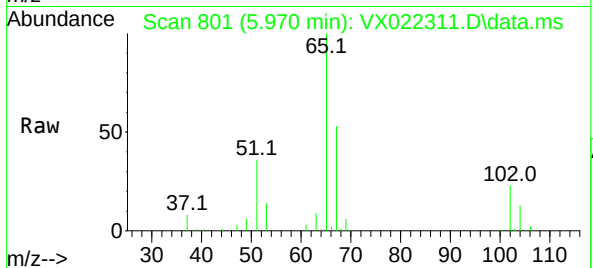


#33

1,2-Dichloroethane-d4
Concen: 55.08 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX022311.D
Acq: 02 Jun 2021 00:03

Instrument :
MSVOA_X
ClientSampleId :
VX0601WBL02

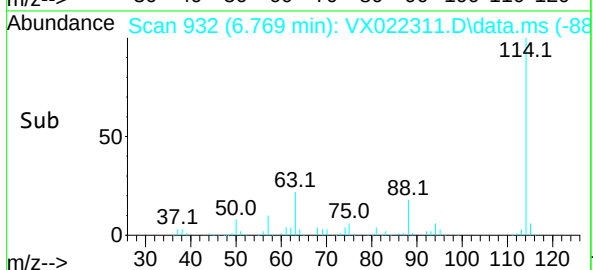
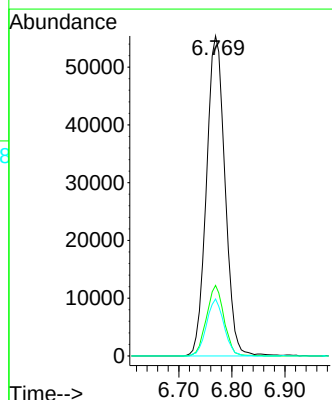
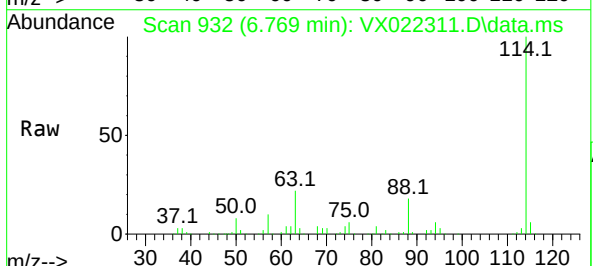
Tgt Ion: 65 Resp: 53719
Ion Ratio Lower Upper
65 100
67 51.6 0.0 105.4

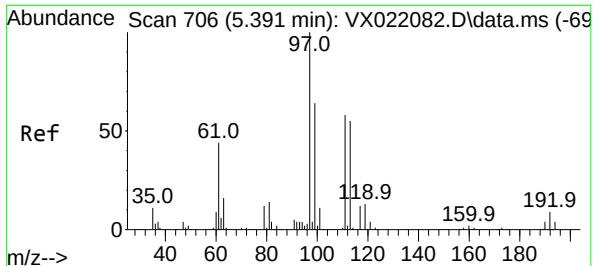


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022311.D
Acq: 02 Jun 2021 00:03

Tgt Ion: 114 Resp: 134595
Ion Ratio Lower Upper
114 100
63 22.1 0.0 40.8
88 17.8 0.0 32.8





#35

Dibromofluoromethane

Concen: 46.71 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX022311.D

Acq: 02 Jun 2021 00:03

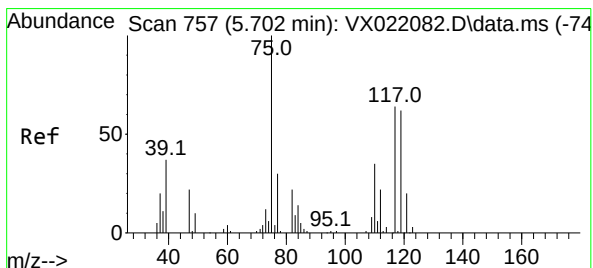
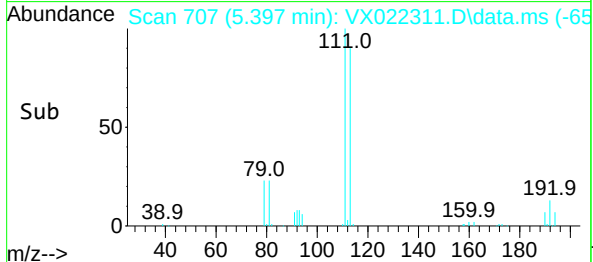
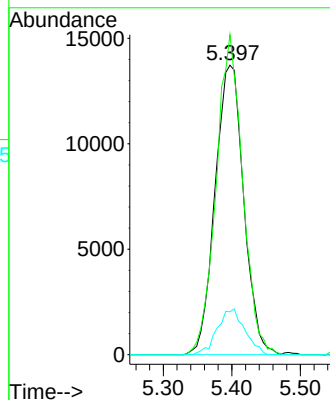
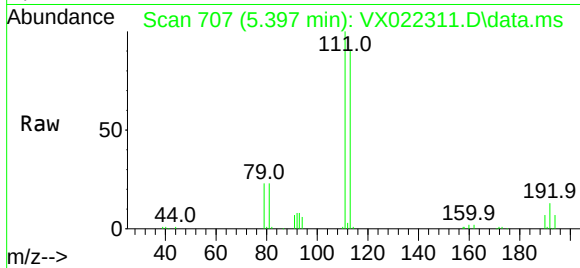
Tgt Ion:113 Resp: 39868

Ion Ratio Lower Upper

113 100

111 102.3 81.9 122.9

192 15.2 16.7 25.1#



#36

1,1-Dichloropropene

Concen: 5.11 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX022311.D

Acq: 02 Jun 2021 00:03

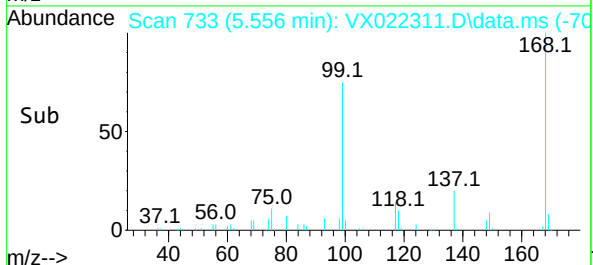
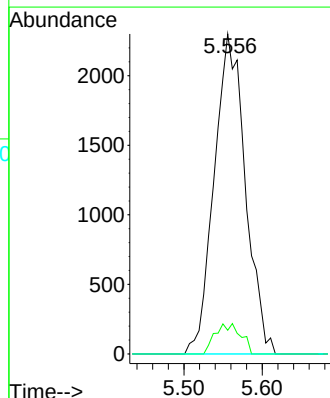
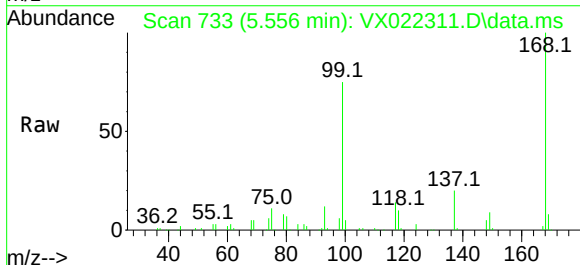
Tgt Ion: 75 Resp: 6358

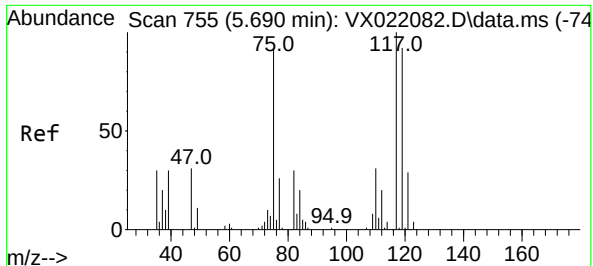
Ion Ratio Lower Upper

75 100

110 7.8 18.1 54.4#

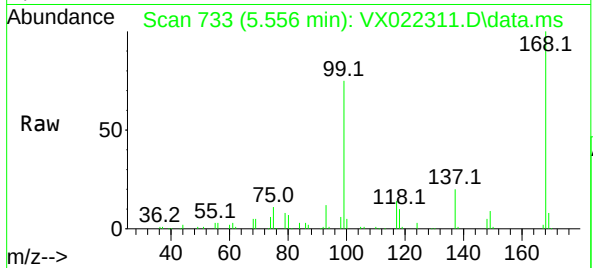
77 0.0 25.3 37.9#



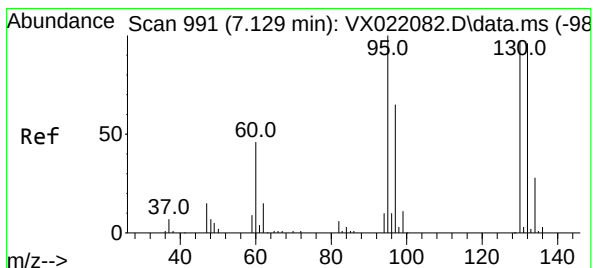
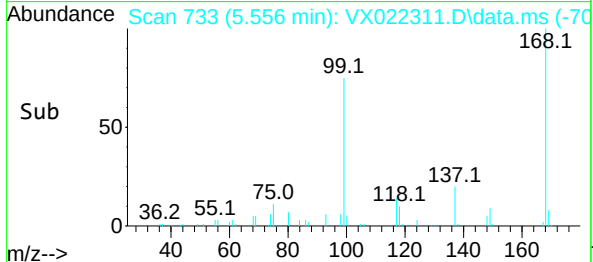
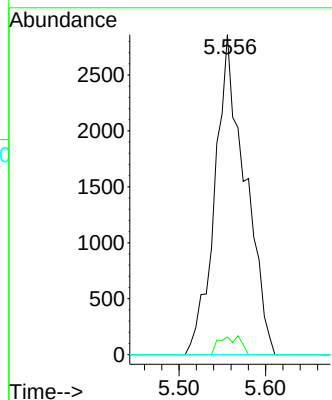


#38
Carbon Tetrachloride
Concen: 5.69 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX022311.D
Acq: 02 Jun 2021 00:03

Instrument :
MSVOA_X
ClientSampleId :
VX0601WBL02

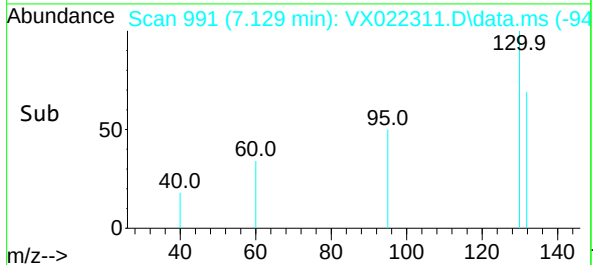
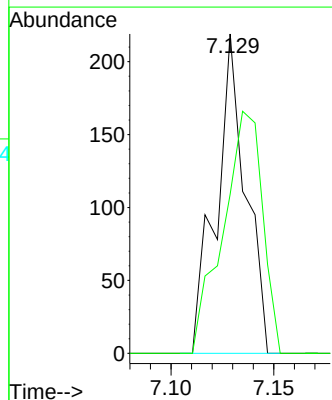
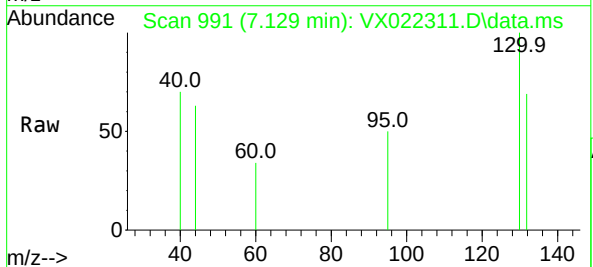


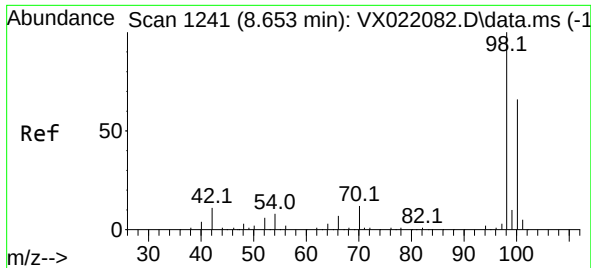
Tgt Ion:117 Resp: 6931
Ion Ratio Lower Upper
117 100
119 5.5 76.2 114.2#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 0.23 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX022311.D
Acq: 02 Jun 2021 00:03

Tgt Ion:130 Resp: 219
Ion Ratio Lower Upper
130 100
95 49.8 0.0 198.0

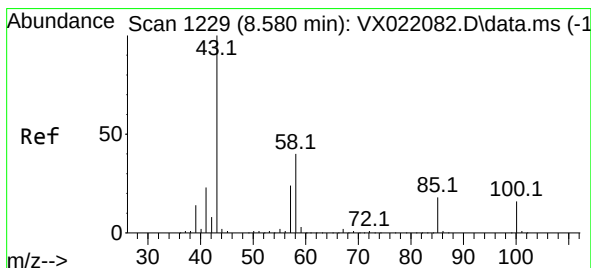
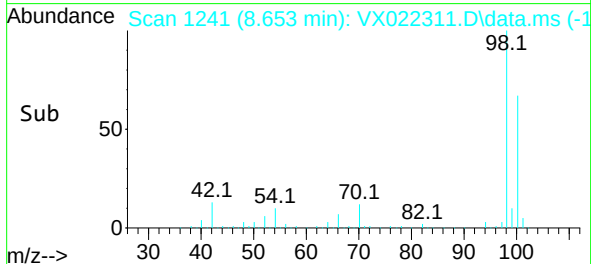
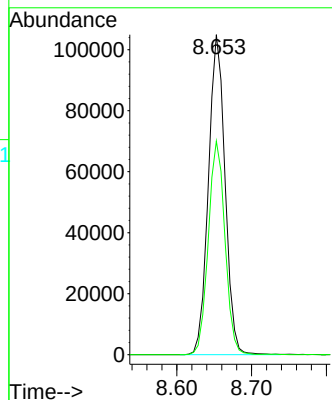
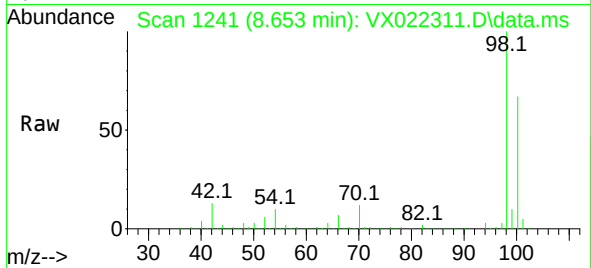




#50
Toluene-d8
Concen: 49.37 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022311.D
Acq: 02 Jun 2021 00:03

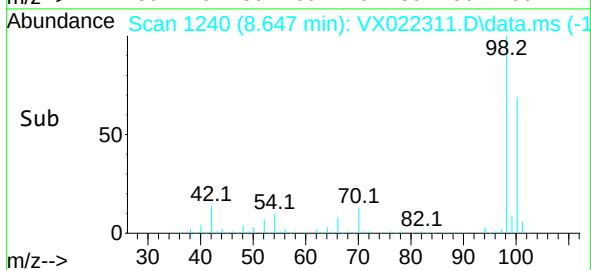
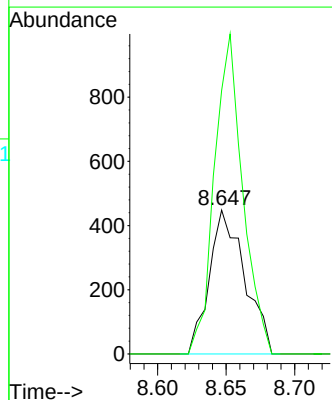
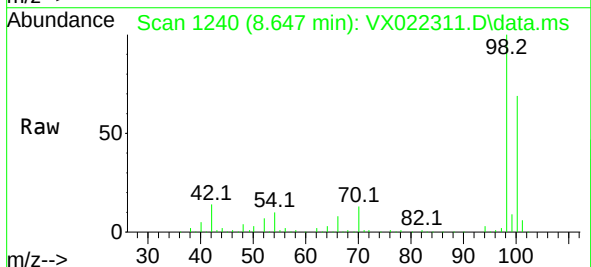
Instrument :
MSVOA_X
ClientSampleId :
VX0601WBL02

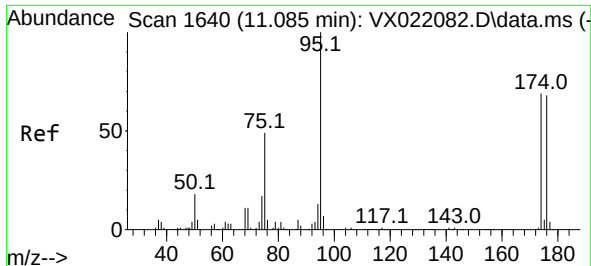
Tgt Ion: 98 Resp: 162325
Ion Ratio Lower Upper
98 100
100 66.6 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.54 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX022311.D
Acq: 02 Jun 2021 00:03

Tgt Ion: 43 Resp: 806
Ion Ratio Lower Upper
43 100
58 177.8 35.4 53.0#

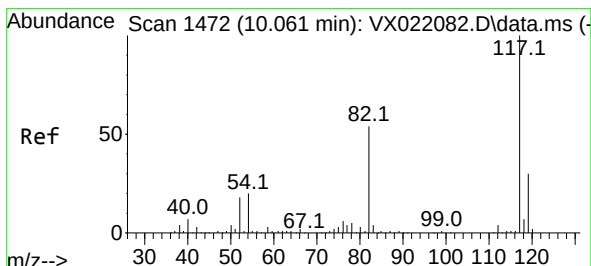
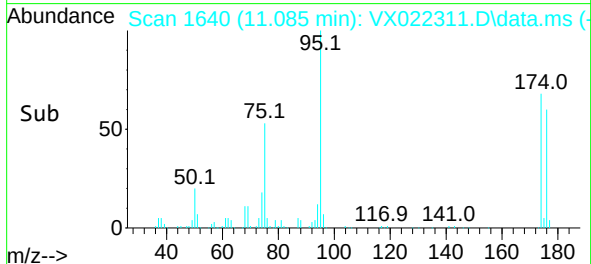
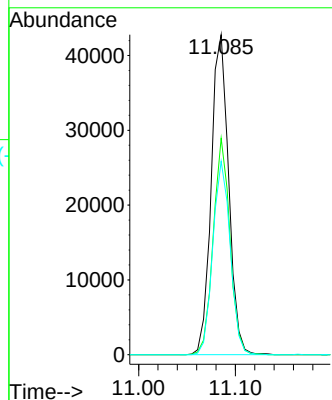
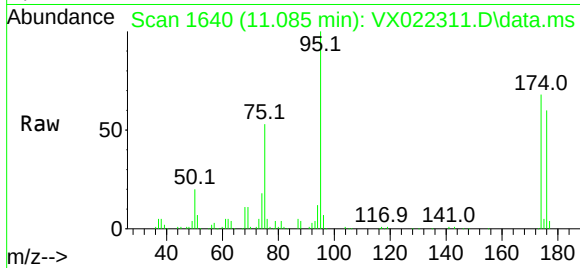




#62
4-Bromofluorobenzene
Concen: 44.14 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022311.D
Acq: 02 Jun 2021 00:03

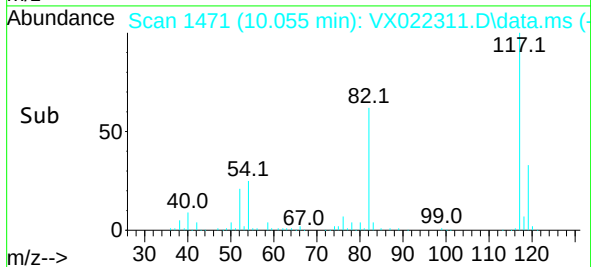
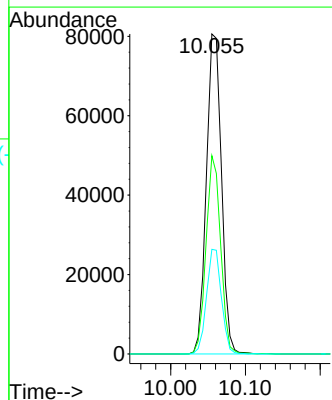
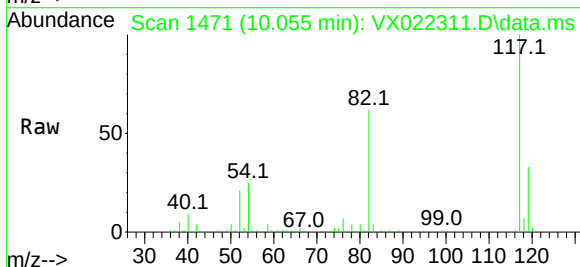
Instrument :
MSVOA_X
ClientSampleId :
VX0601WBL02

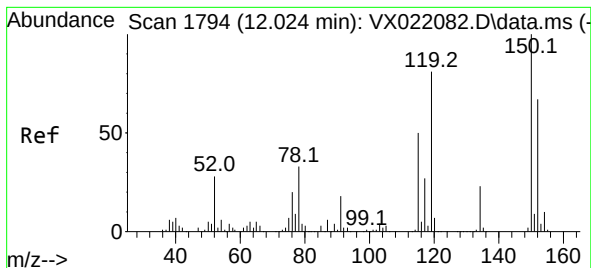
Tgt Ion: 95 Resp: 53640
Ion Ratio Lower Upper
95 100
174 64.6 0.0 154.6
176 60.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022311.D
Acq: 02 Jun 2021 00:03

Tgt Ion: 117 Resp: 113123
Ion Ratio Lower Upper
117 100
82 62.0 47.4 71.2
119 32.7 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: VX022311.D

Acq: 02 Jun 2021 00:03

Tgt Ion:152 Resp: 42011

Ion Ratio Lower Upper

152 100

115 65.8 41.1 123.3

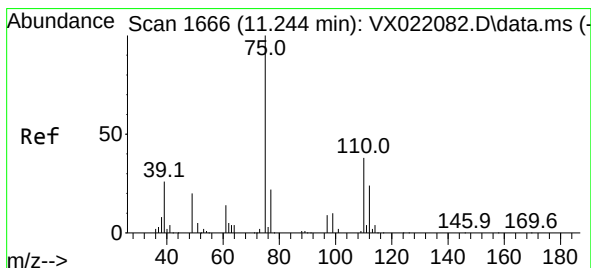
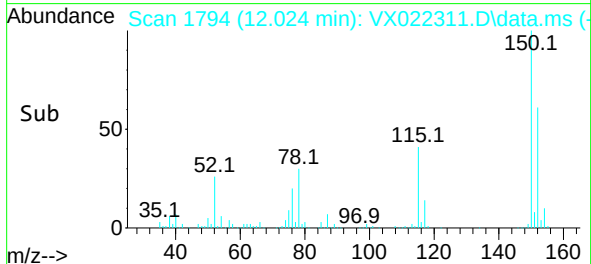
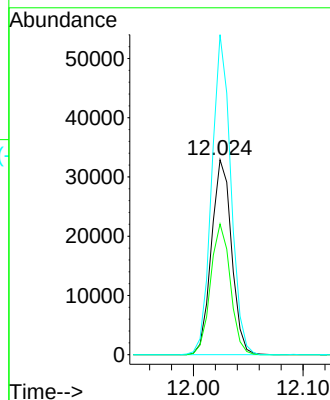
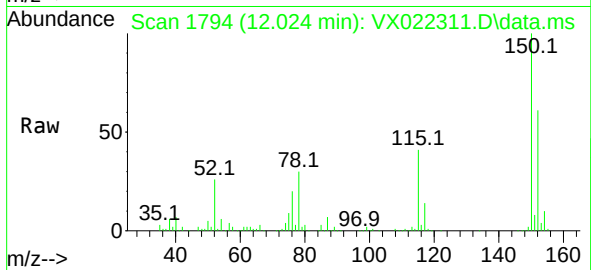
150 155.7 0.0 349.0

Instrument :

MSVOA_X

ClientSampleId :

VX0601WBL02



#76

1,2,3-Trichloropropane

Concen: 27.09 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. -0.159 min

Lab File: VX022311.D

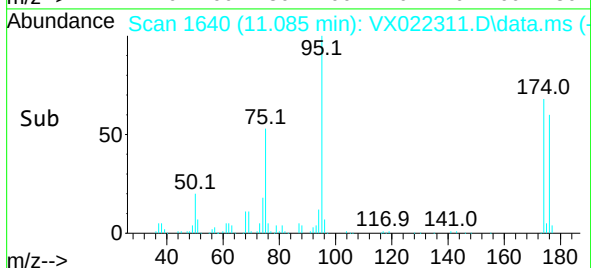
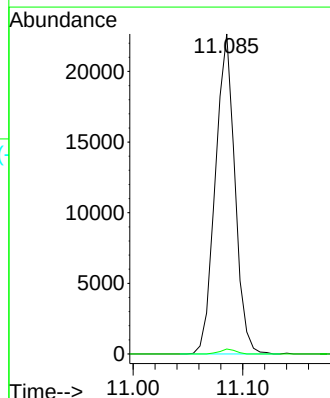
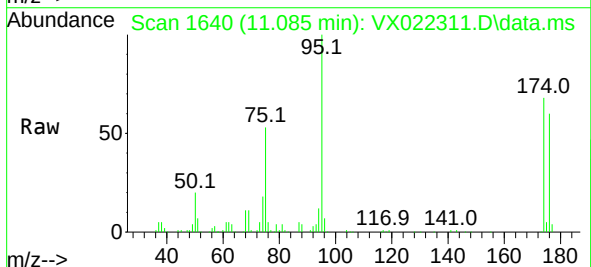
Acq: 02 Jun 2021 00:03

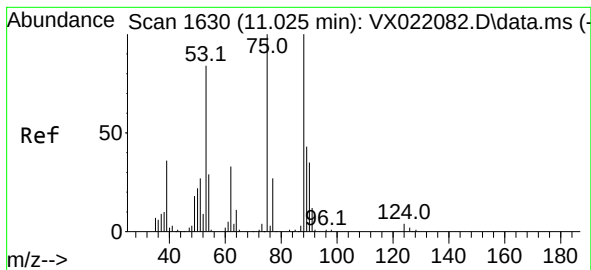
Tgt Ion: 75 Resp: 28078

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.19 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.060 min
 Lab File: VX022311.D
 Acq: 02 Jun 2021 00:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0601WBL02

Tgt Ion: 75 Resp: 28078
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

