

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060821\
 Data File : VX022583.D
 Acq On : 08 Jun 2021 23:34
 Operator : JC/MD
 Sample : VX0608WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

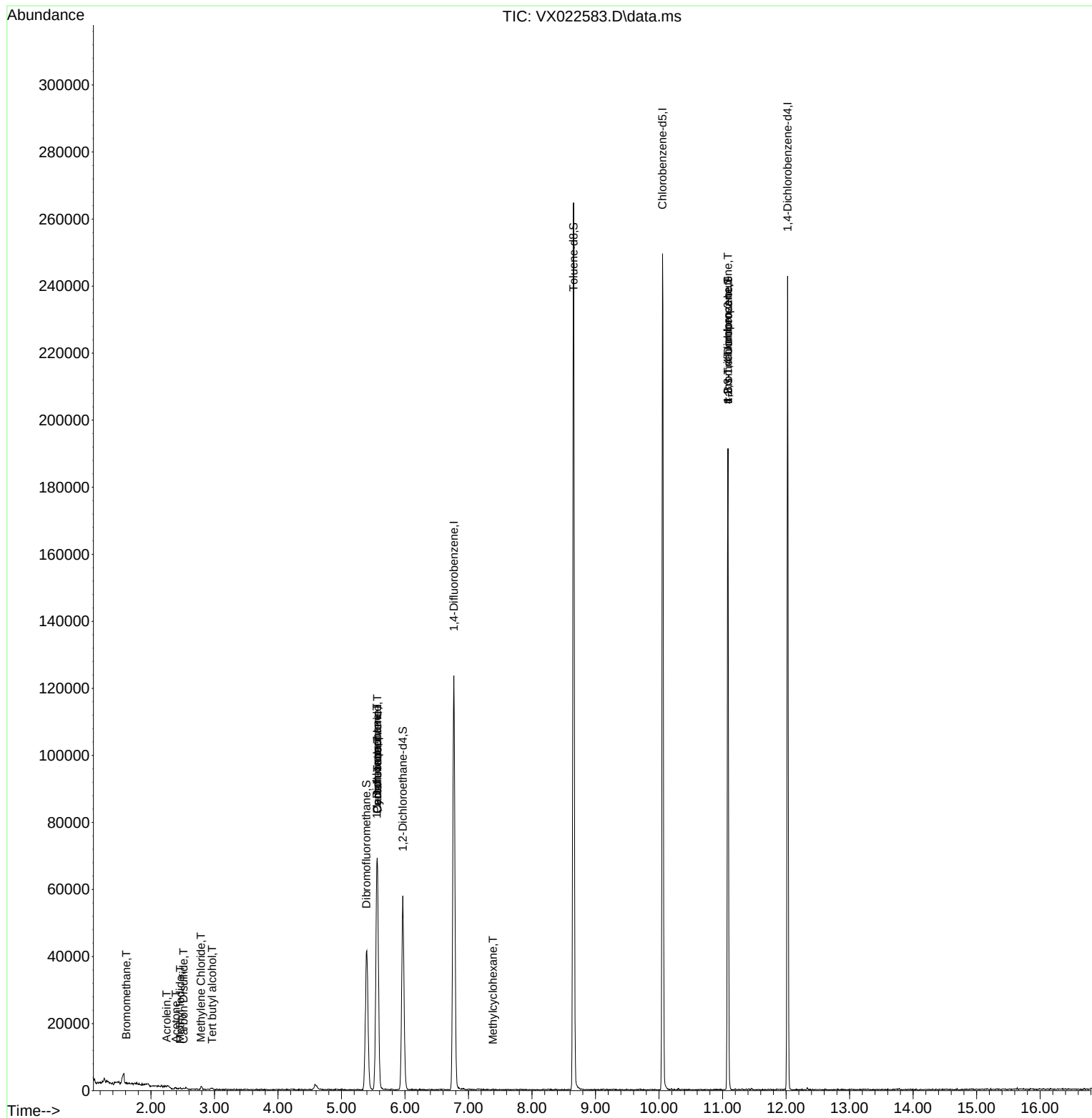
Quant Time: Jun 09 04:03:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 07 14:27:50 2021
 Response via : Initial Calibration

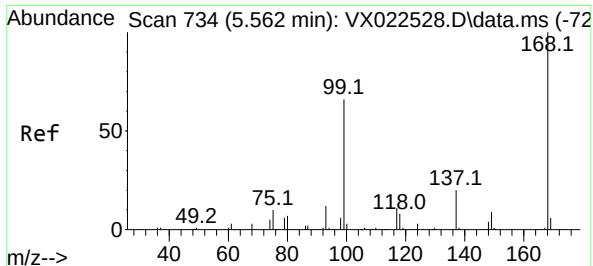
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	59136	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	119683	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	107553	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	42552	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	50378	47.920	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.840%		
35) Dibromofluoromethane	5.391	113	35797	47.805	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.600%		
50) Toluene-d8	8.653	98	149249	49.953	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.900%		
62) 4-Bromofluorobenzene	11.085	95	51239	46.138	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.280%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	108	0.253	ug/l #	2
10) Methyl Iodide	2.459	142	288	0.337	ug/l #	86
11) Tert butyl alcohol	2.965	59	220	0.933	ug/l #	73
13) Acrolein	2.245	56	48	3.541	ug/l #	14
16) Acetone	2.392	43	534	1.130	ug/l	97
17) Carbon Disulfide	2.514	76	360	3.563	ug/l #	75
20) Methylene Chloride	2.788	84	406	0.412	ug/l #	84
31) Cyclohexane	5.562	56	1667	1.340	ug/l #	29
36) 1,1-Dichloropropene	5.556	75	5951	5.140	ug/l #	47
38) Carbon Tetrachloride	5.562	117	7148	8.447	ug/l #	15
39) Methylcyclohexane	7.385	83	108	1.923	ug/l #	19
76) 1,2,3-Trichloropropane	11.085	75	27500	24.947	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	27500	61.746	ug/l #	12

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

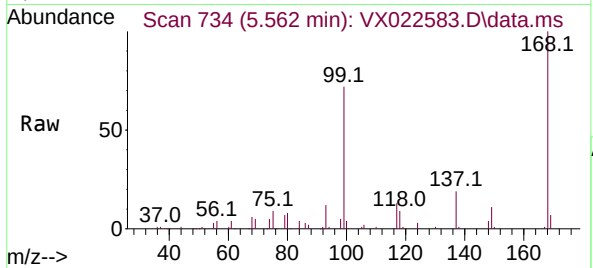
Quant Time: Jun 09 04:03:10 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 07 14:27:50 2021
Response via : Initial Calibration



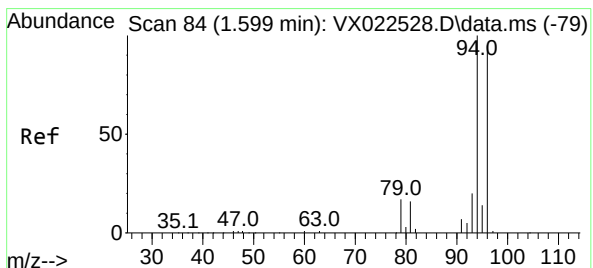
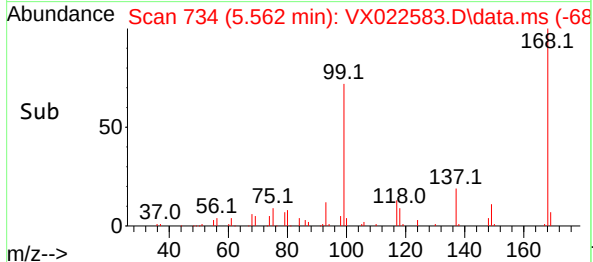
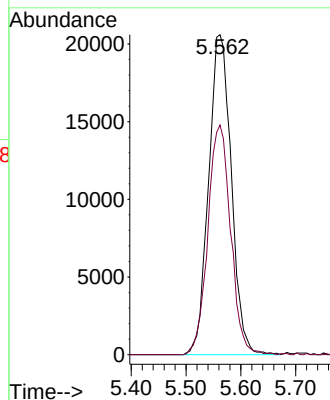


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022583.D
Acq: 08 Jun 2021 23:34

Instrument :
MSVOA_X
ClientSampled :

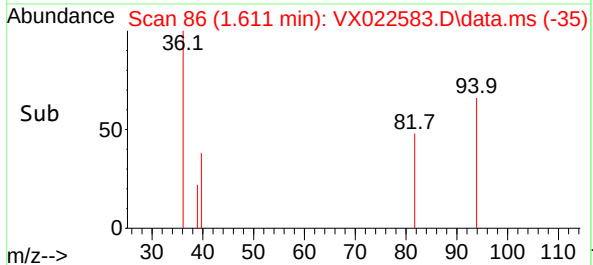
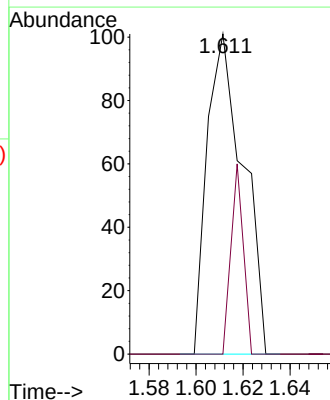
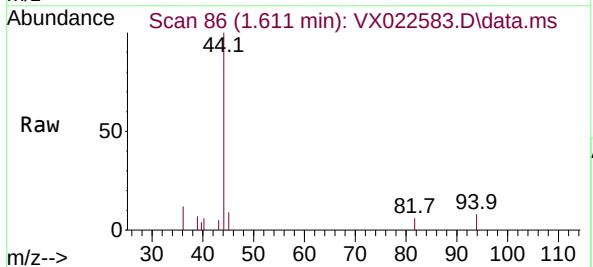


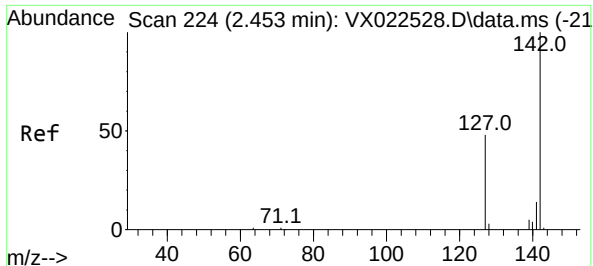
Tgt Ion:168 Resp: 59136
Ion Ratio Lower Upper
168 100
99 71.8 45.8 68.6#



#5
Bromomethane
Concen: 0.253 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX022583.D
Acq: 08 Jun 2021 23:34

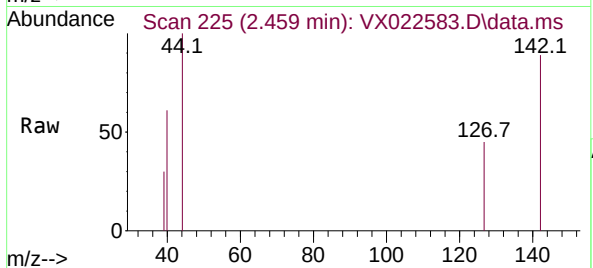
Tgt Ion: 94 Resp: 108
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#



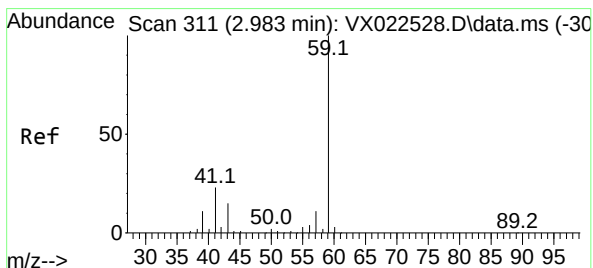
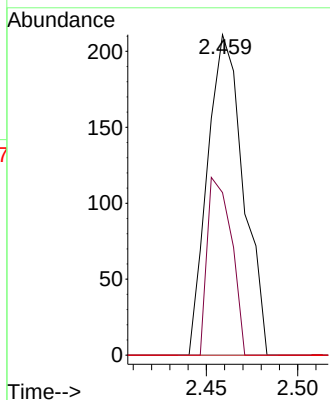
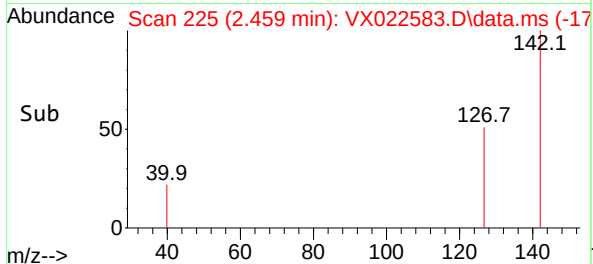


#10
Methyl Iodide
Concen: 0.337 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX022583.D
Acq: 08 Jun 2021 23:34

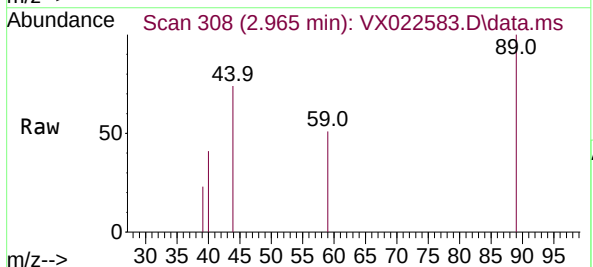
Instrument :
MSVOA_X
ClientSampled :



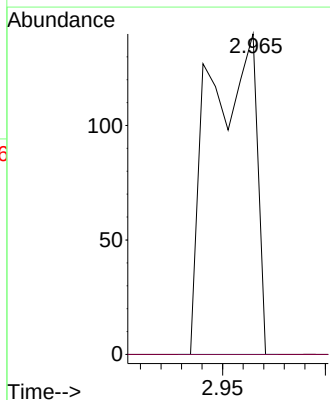
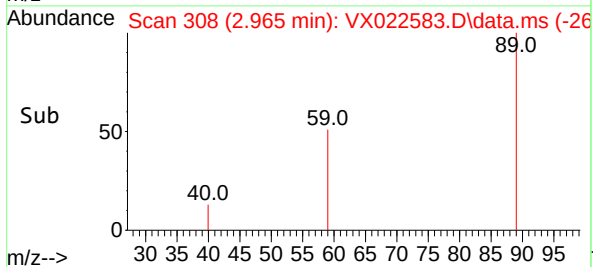
Tgt Ion:142 Resp: 288
Ion Ratio Lower Upper
142 100
127 37.5 33.3 49.9
141 0.0 11.4 17.0#

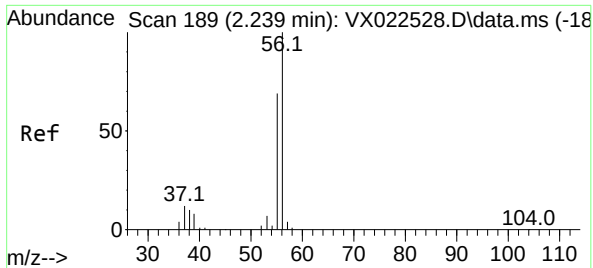


#11
Tert butyl alcohol
Concen: 0.933 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX022583.D
Acq: 08 Jun 2021 23:34



Tgt Ion: 59 Resp: 220
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

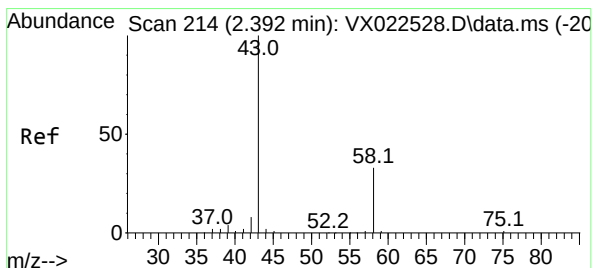
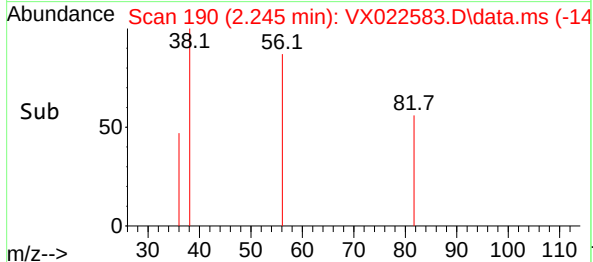
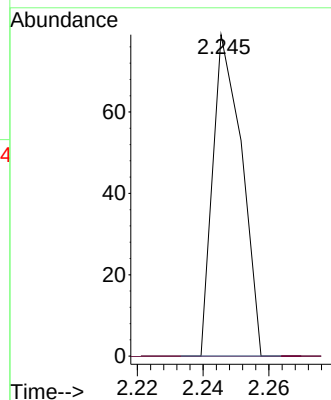
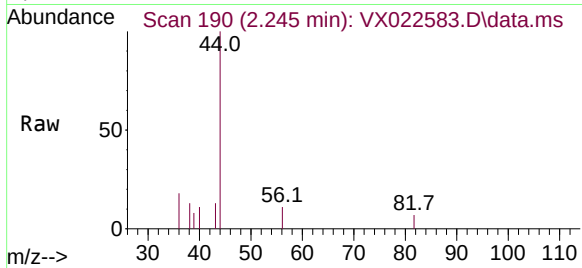




#13
Acrolein
Concen: 3.541 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX022583.D
Acq: 08 Jun 2021 23:34

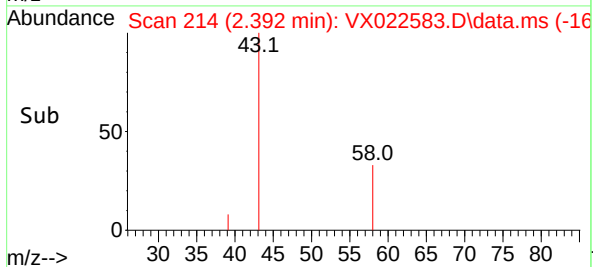
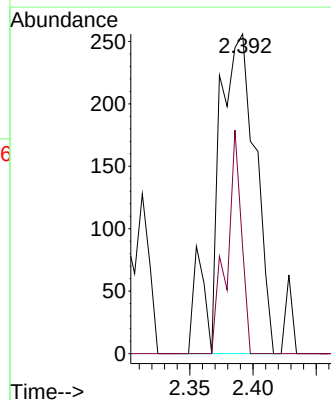
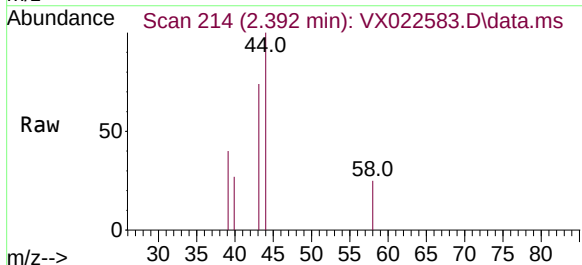
Instrument :
MSVOA_X
ClientSampled :

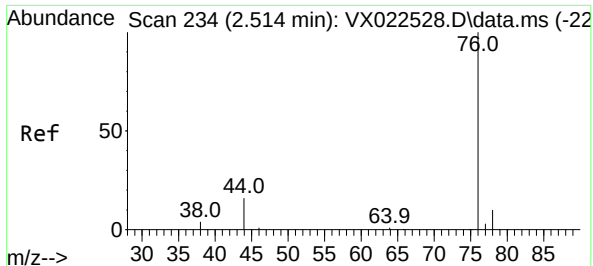
Tgt Ion: 56 Resp: 48
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 1.130 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022583.D
Acq: 08 Jun 2021 23:34

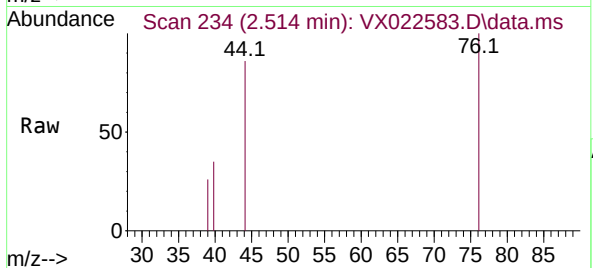
Tgt Ion: 43 Resp: 534
Ion Ratio Lower Upper
43 100
58 33.2 27.8 41.8



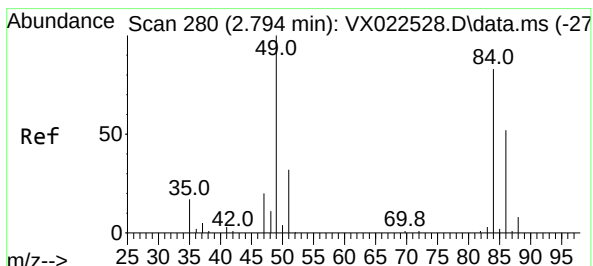
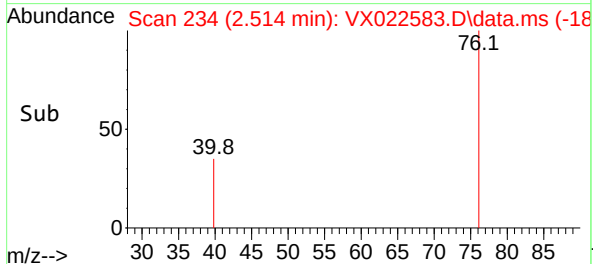
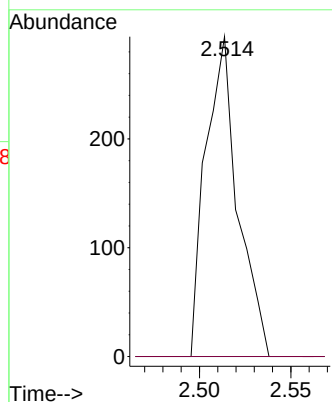


#17
Carbon Disulfide
Concen: 3.563 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022583.D
Acq: 08 Jun 2021 23:34

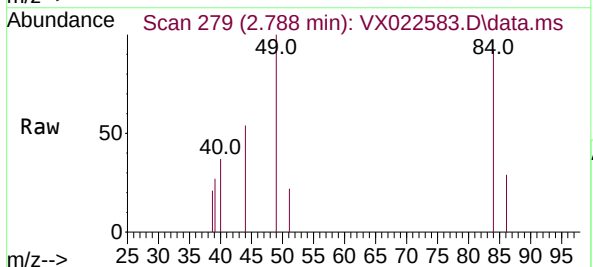
Instrument :
MSVOA_X
ClientSampled :



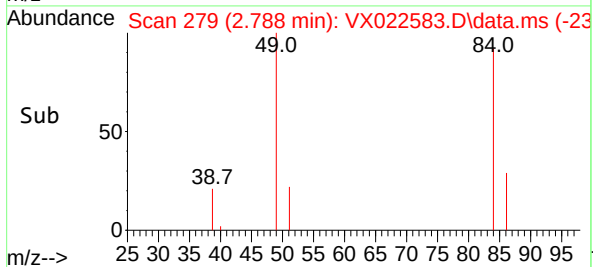
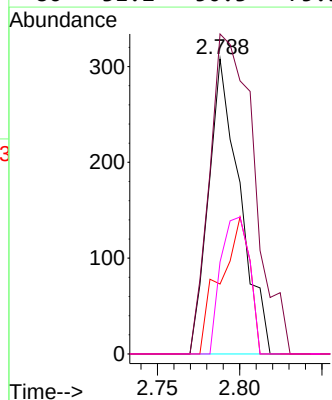
Tgt Ion: 76 Resp: 360
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

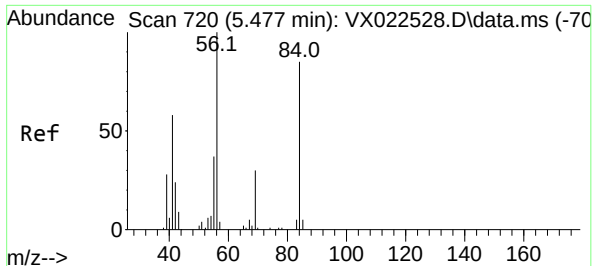


#20
Methylene Chloride
Concen: 0.412 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX022583.D
Acq: 08 Jun 2021 23:34



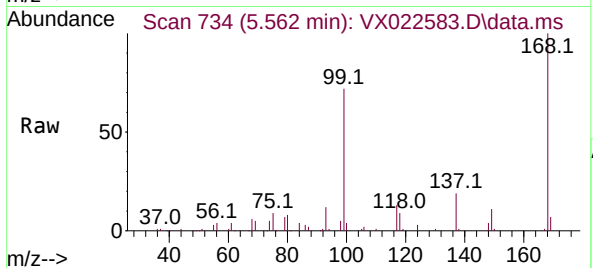
Tgt Ion: 84 Resp: 406
Ion Ratio Lower Upper
84 100
49 108.4 88.6 132.8
51 23.7 27.0 40.6#
86 31.2 50.3 75.5#



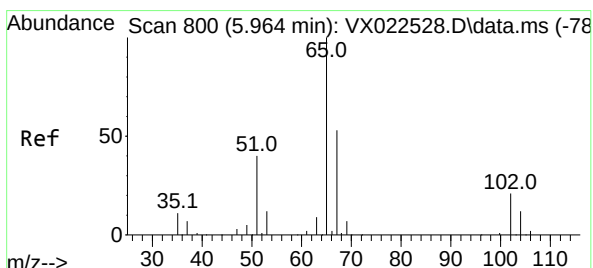
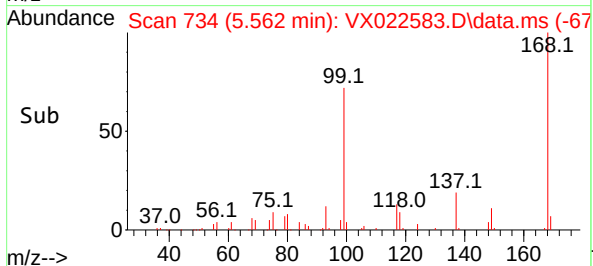
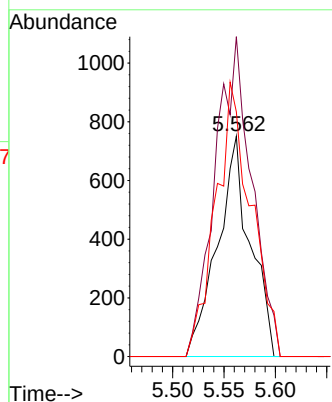


#31
Cyclohexane
Concen: 1.340 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX022583.D
Acq: 08 Jun 2021 23:34

Instrument :
MSVOA_X
ClientSampled :

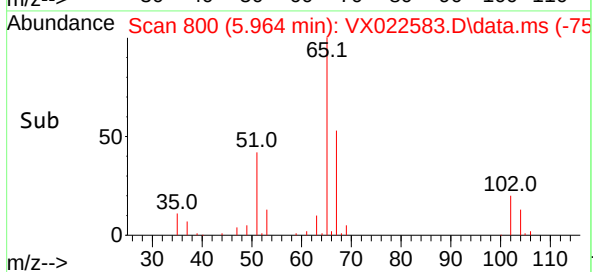
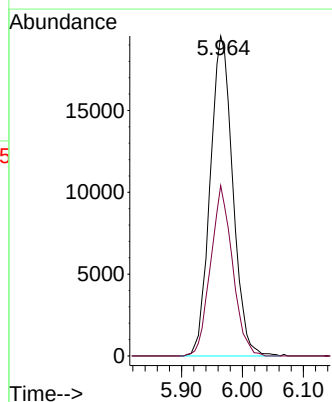
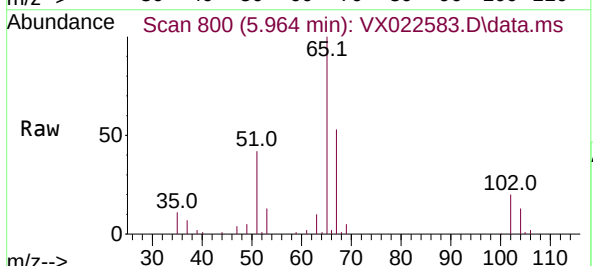


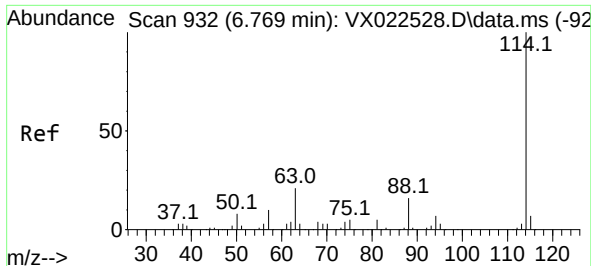
Tgt Ion: 56 Resp: 1667
Ion Ratio Lower Upper
56 100
69 145.1 25.3 37.9#
84 111.1 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 47.920 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022583.D
Acq: 08 Jun 2021 23:34

Tgt Ion: 65 Resp: 50378
Ion Ratio Lower Upper
65 100
67 51.6 0.0 105.4

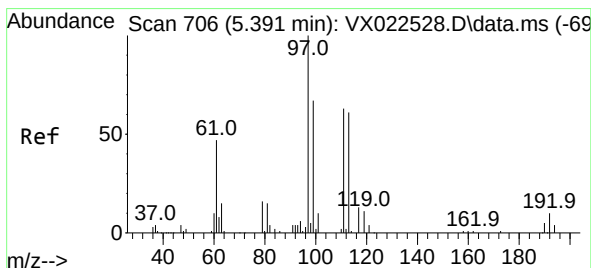
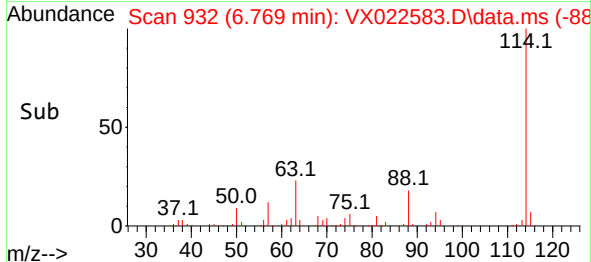
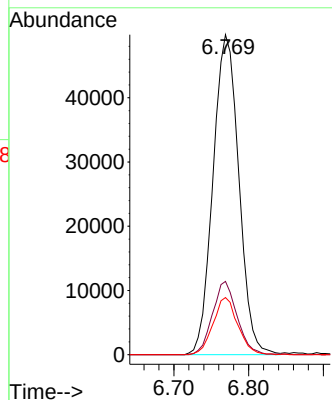
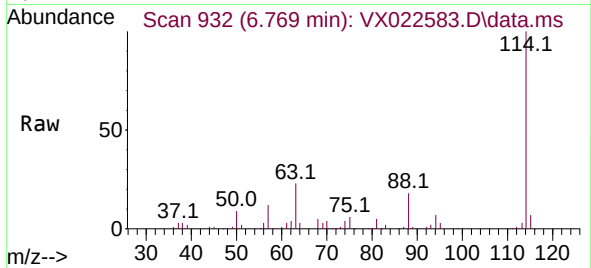




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022583.D
Acq: 08 Jun 2021 23:34

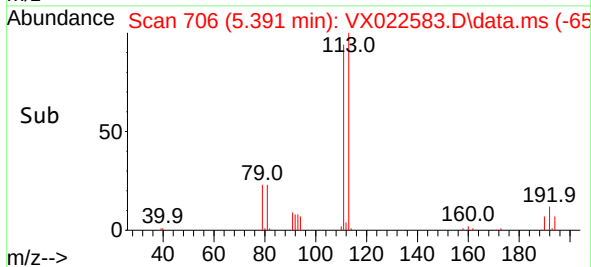
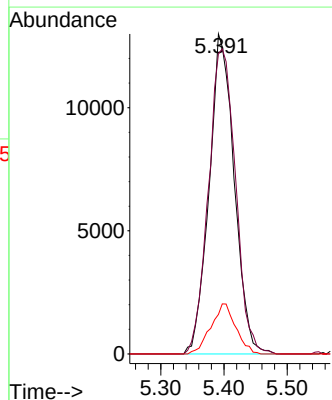
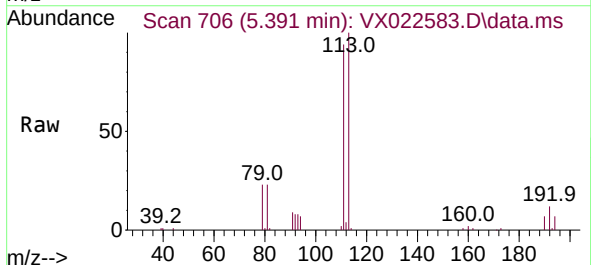
Instrument :
MSVOA_X
ClientSampled :

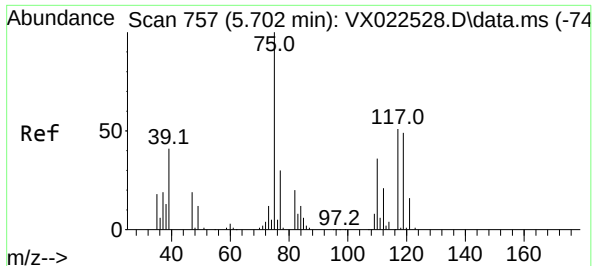
Tgt Ion:114 Resp: 119683
Ion Ratio Lower Upper
114 100
63 22.9 0.0 40.8
88 17.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 47.805 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX022583.D
Acq: 08 Jun 2021 23:34

Tgt Ion:113 Resp: 35797
Ion Ratio Lower Upper
113 100
111 103.0 81.9 122.9
192 15.5 16.7 25.1#





#36

1,1-Dichloropropene

Concen: 5.140 ug/l

RT: 5.556 min Scan# 733

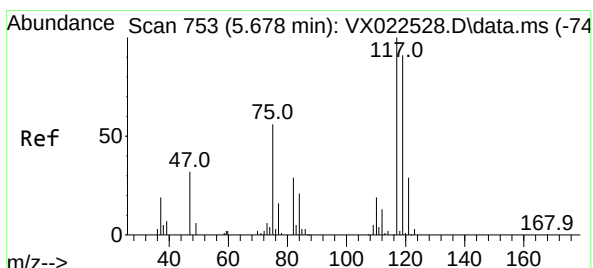
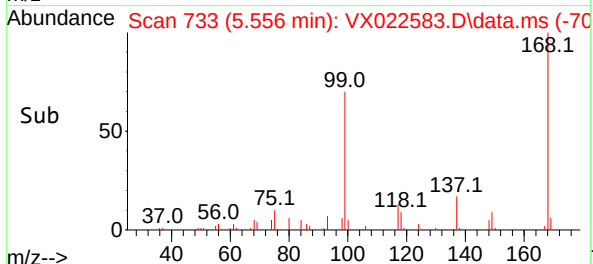
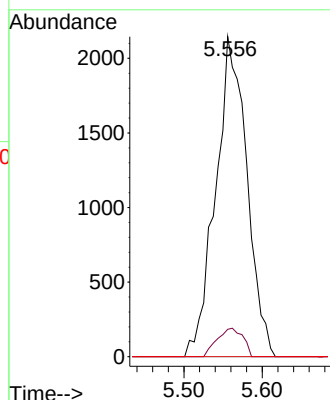
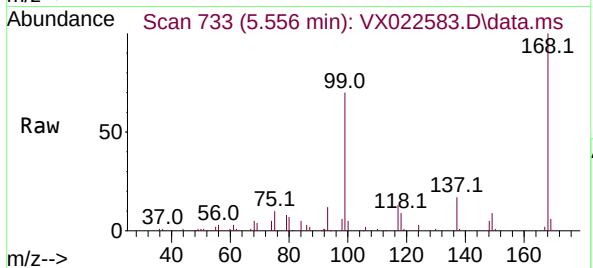
Delta R.T. -0.146 min

Lab File: VX022583.D

Acq: 08 Jun 2021 23:34

Tgt Ion: 75	Resp: 5951
Ion Ratio	Lower Upper
75 100	
110 7.3	18.1 54.4#
77 0.0	25.3 37.9#

Instrument :
MSVOA_X
ClientSampled :



#38

Carbon Tetrachloride

Concen: 8.447 ug/l

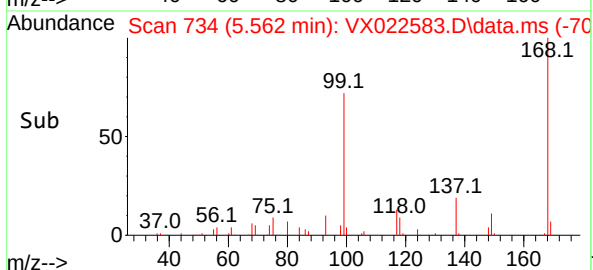
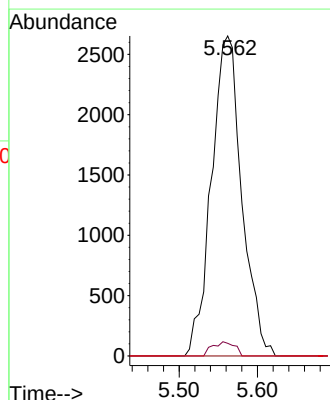
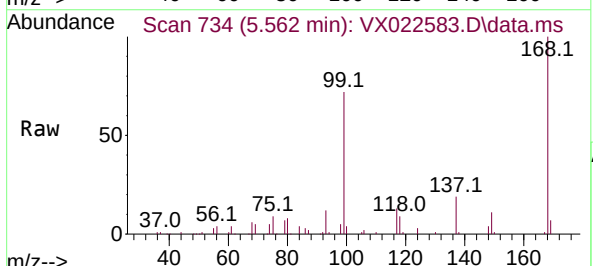
RT: 5.562 min Scan# 734

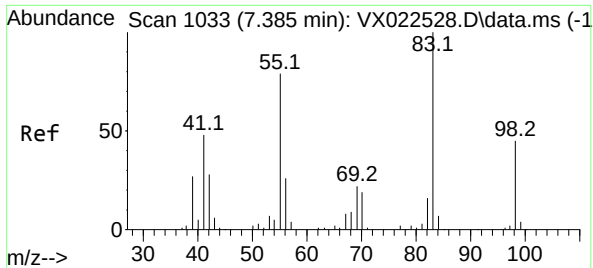
Delta R.T. -0.116 min

Lab File: VX022583.D

Acq: 08 Jun 2021 23:34

Tgt Ion: 117	Resp: 7148
Ion Ratio	Lower Upper
117 100	
119 4.0	76.2 114.2#
121 0.0	24.8 37.2#





#39

Methylcyclohexane

Concen: 1.923 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX022583.D

Acq: 08 Jun 2021 23:34

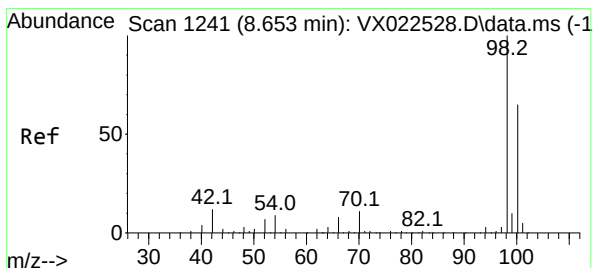
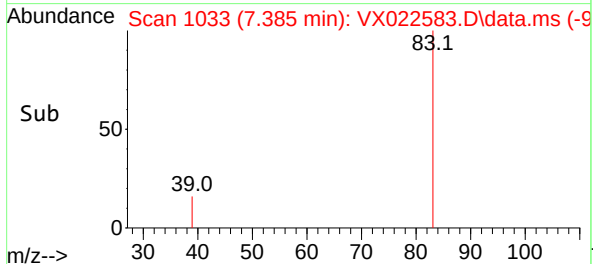
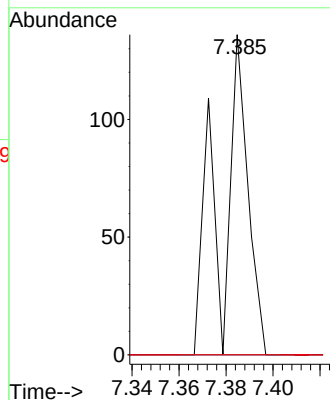
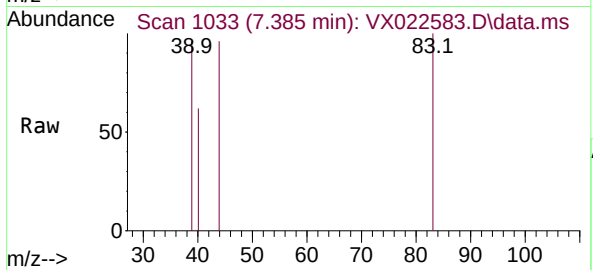
Tgt Ion: 83 Resp: 108

Ion Ratio Lower Upper

83 100

55 0.0 58.9 88.3#

98 0.0 38.1 57.1#



#50

Toluene-d8

Concen: 49.953 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX022583.D

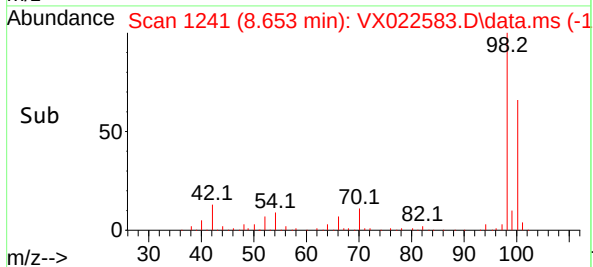
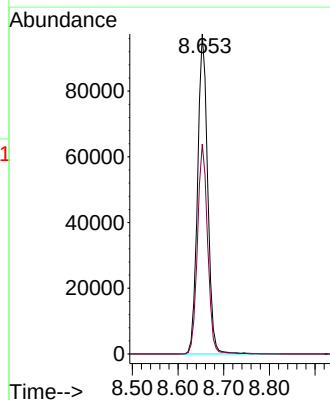
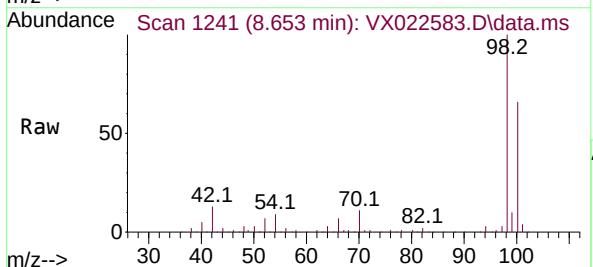
Acq: 08 Jun 2021 23:34

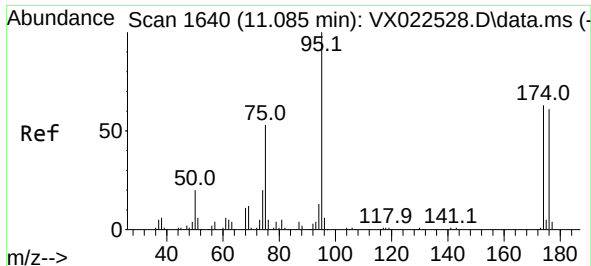
Tgt Ion: 98 Resp: 149249

Ion Ratio Lower Upper

98 100

100 65.9 51.9 77.9

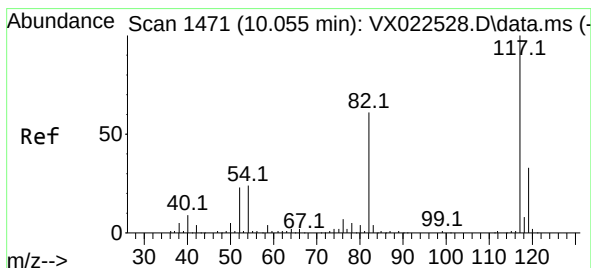
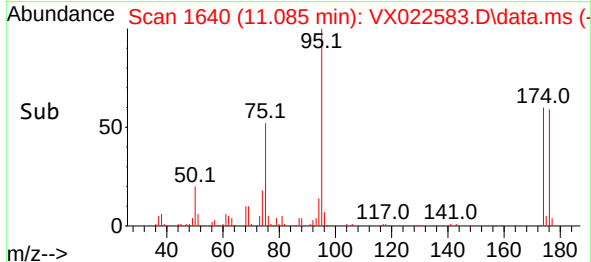
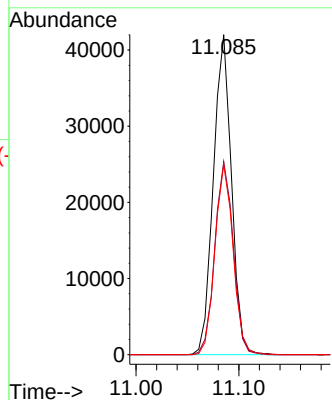
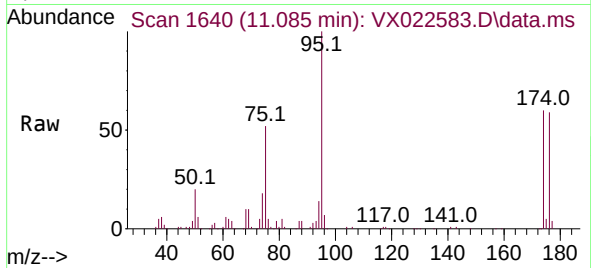




#62
4-Bromofluorobenzene
Concen: 46.138 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022583.D
Acq: 08 Jun 2021 23:34

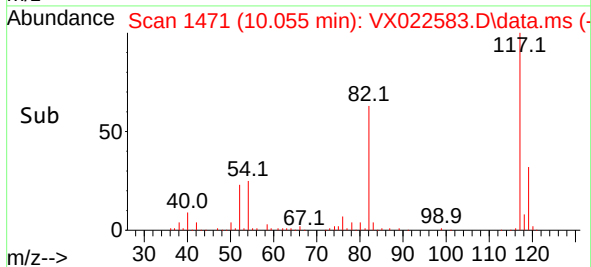
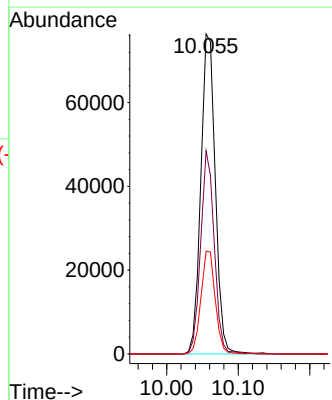
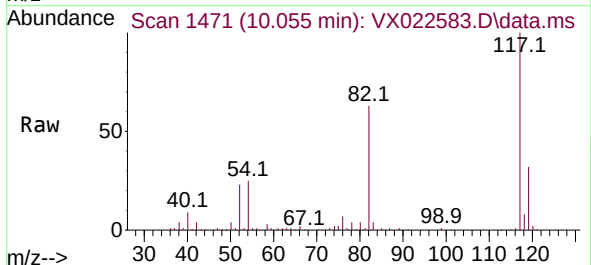
Instrument :
MSVOA_X
ClientSampled :

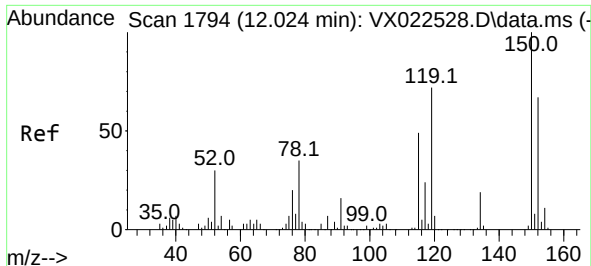
Tgt Ion: 95 Resp: 51239
Ion Ratio Lower Upper
95 100
174 61.6 0.0 154.6
176 59.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022583.D
Acq: 08 Jun 2021 23:34

Tgt Ion: 117 Resp: 107553
Ion Ratio Lower Upper
117 100
82 63.4 47.4 71.2
119 32.2 26.6 39.8

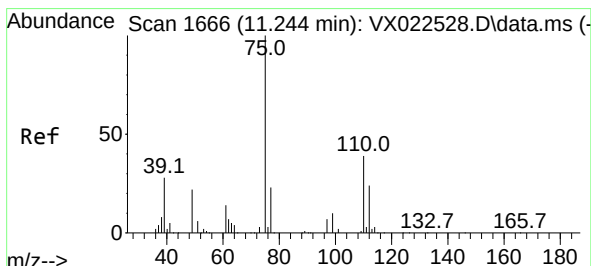
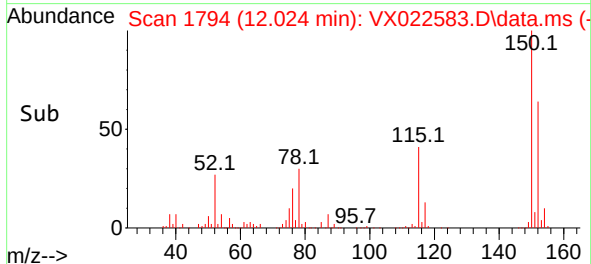
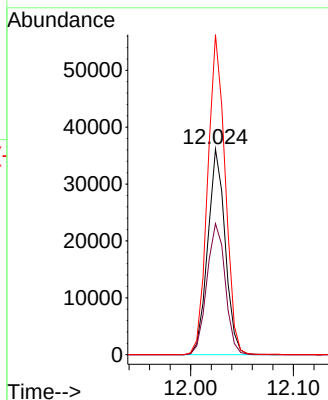
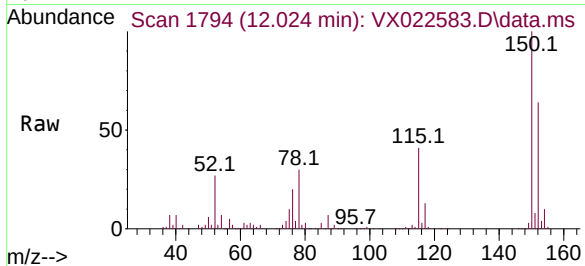




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. -0.000 min
 Lab File: VX022583.D
 Acq: 08 Jun 2021 23:34

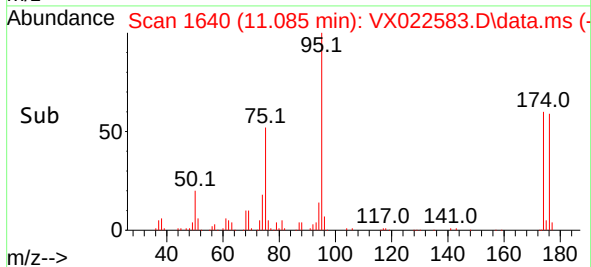
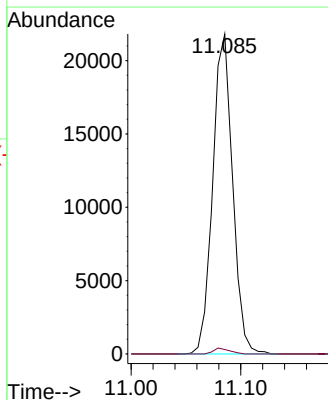
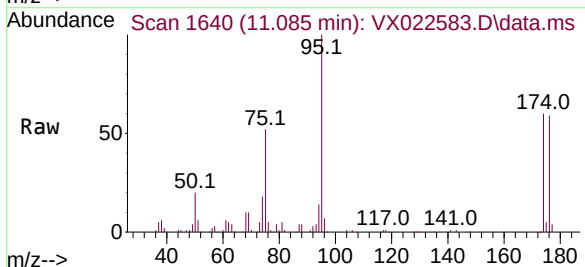
Instrument :
 MSVOA_X
 ClientSampled :

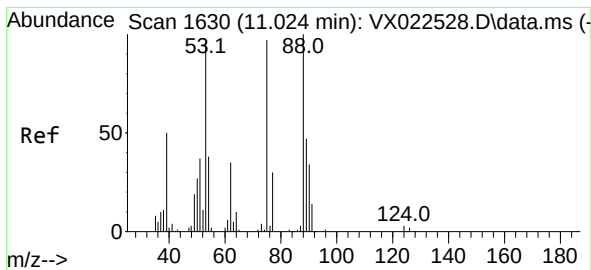
Tgt Ion:152 Resp: 42552
 Ion Ratio Lower Upper
 152 100
 115 67.2 41.1 123.3
 150 156.1 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 24.947 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022583.D
 Acq: 08 Jun 2021 23:34

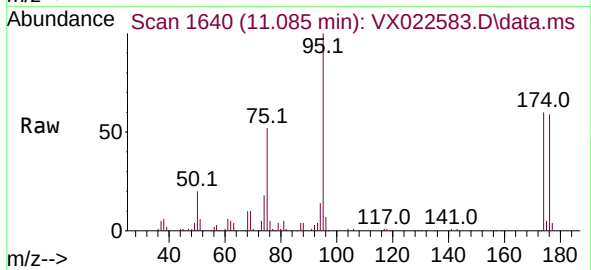
Tgt Ion: 75 Resp: 27500
 Ion Ratio Lower Upper
 75 100
 77 1.5 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.746 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX022583.D
 Acq: 08 Jun 2021 23:34

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 27500
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

