

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062921\
 Data File : VX022995.D
 Acq On : 29 Jun 2021 11:51
 Operator : JC/MD
 Sample : VX0629WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 30 01:42:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

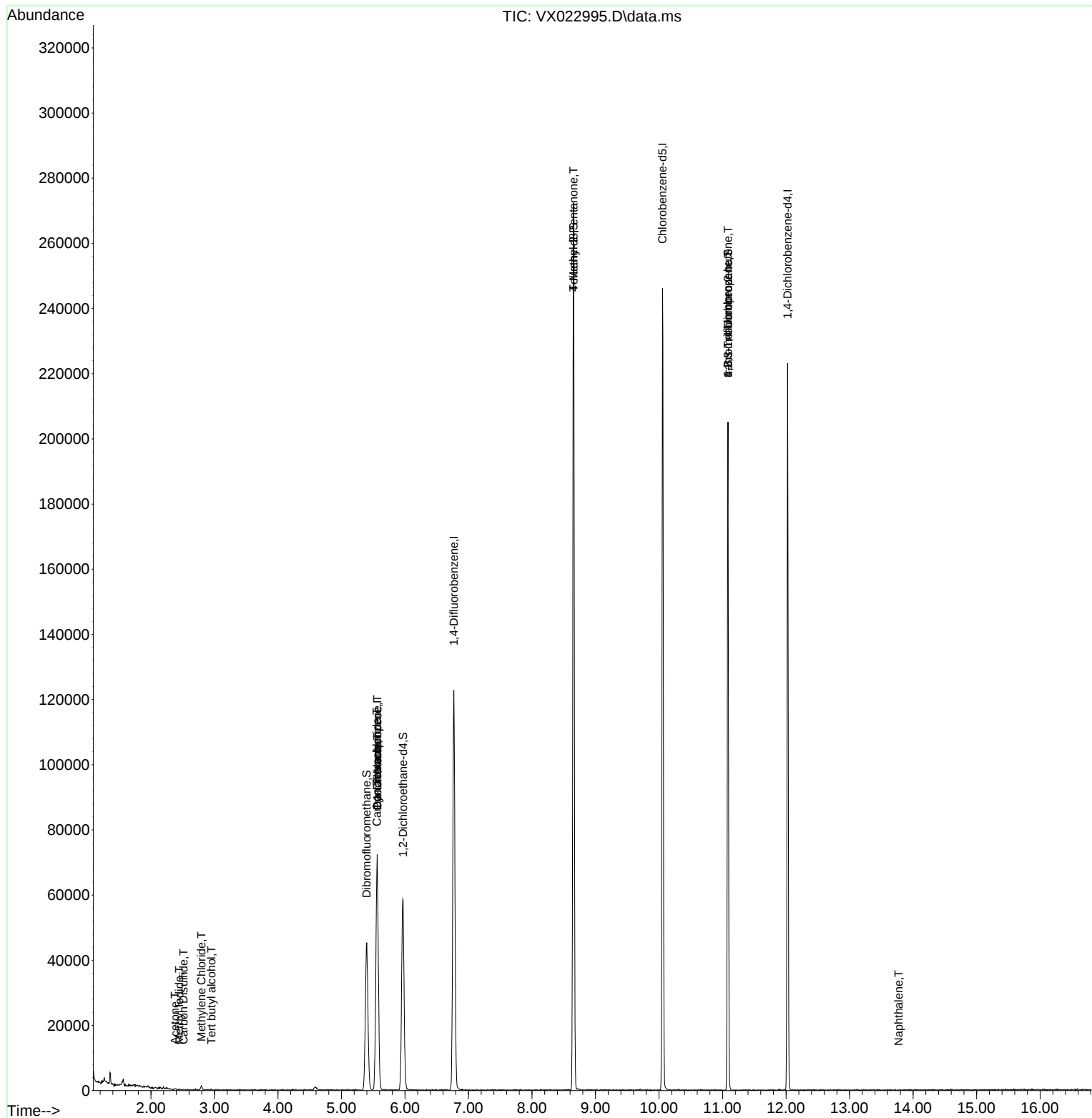
Internal Standards						
1) Pentafluorobenzene	5.562	168	55159	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	115324	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	101836	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	37480	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	56391	56.334	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 112.660%			
35) Dibromofluoromethane	5.397	113	37892	51.741	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.480%			
50) Toluene-d8	8.652	98	152191	53.025	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.060%			
62) 4-Bromofluorobenzene	11.085	95	52631	49.134	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.260%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.446	142	47	3.929	ug/l #	42
11) Tert butyl alcohol	2.952	59	47	0.225	ug/l #	73
16) Acetone	2.379	43	300	0.676	ug/l #	40
17) Carbon Disulfide	2.513	76	158	3.591	ug/l #	75
20) Methylene Chloride	2.794	84	564	1.008	ug/l #	86
31) Cyclohexane	5.562	56	1768	1.251	ug/l #	18
36) 1,1-Dichloropropene	5.562	75	5563	4.541	ug/l #	49
38) Carbon Tetrachloride	5.555	117	6919	6.734	ug/l #	17
51) 4-Methyl-2-Pentanone	8.652	43	953	0.671	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	31983	32.306	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	31983	82.408	ug/l #	12
95) Naphthalene	13.773	128	140	1.967	ug/l #	69

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

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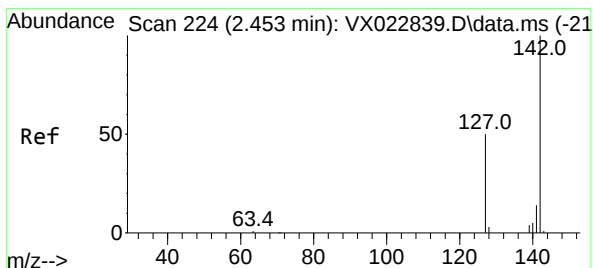
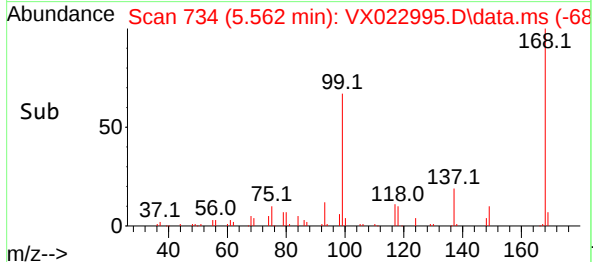
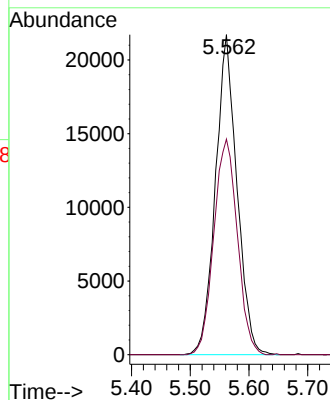
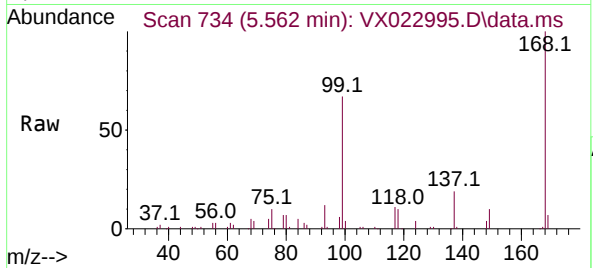




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX022995.D
Acq: 29 Jun 2021 11:51

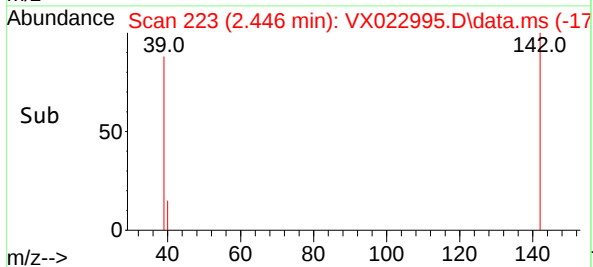
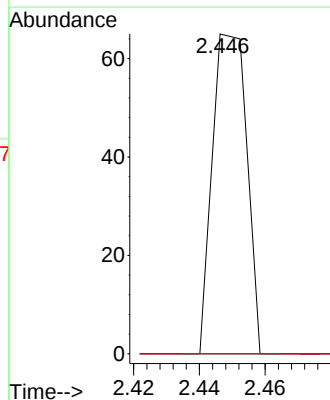
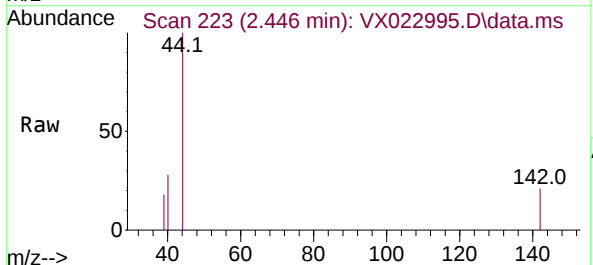
Instrument :
MSVOA_X
ClientSampled :

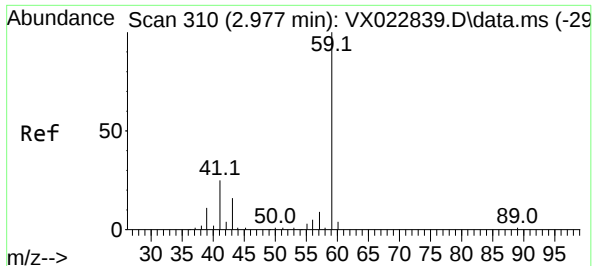
Tgt Ion:168 Resp: 55159
Ion Ratio Lower Upper
168 100
99 67.4 45.8 68.6



#10
Methyl Iodide
Concen: 3.929 ug/l
RT: 2.446 min Scan# 223
Delta R.T. -0.007 min
Lab File: VX022995.D
Acq: 29 Jun 2021 11:51

Tgt Ion:142 Resp: 47
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



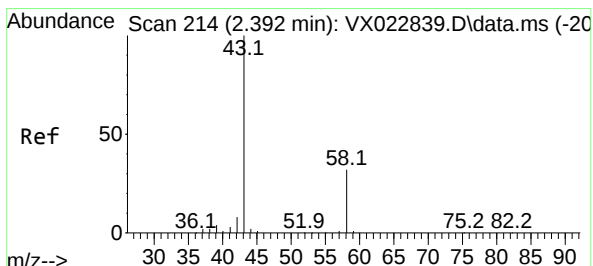
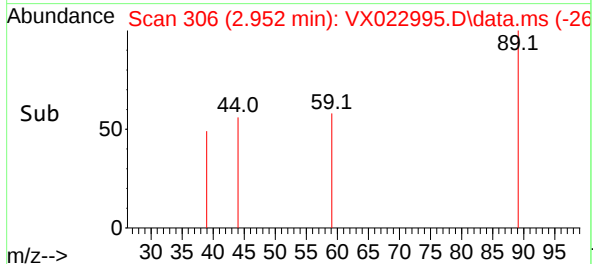
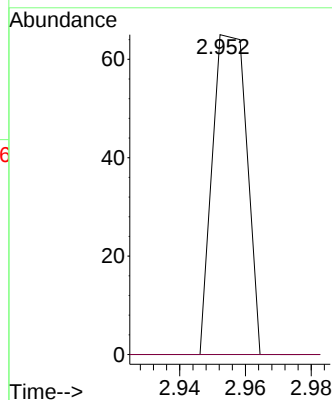
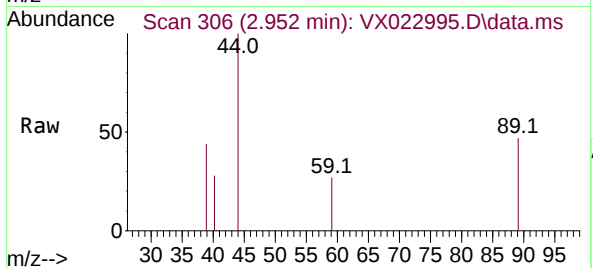


#11

Tert butyl alcohol
Concen: 0.225 ug/l
RT: 2.952 min Scan# 306
Delta R.T. -0.025 min
Lab File: VX022995.D
Acq: 29 Jun 2021 11:51

Instrument :
MSVOA_X
ClientSampled :

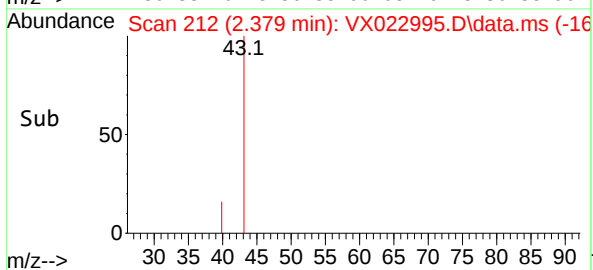
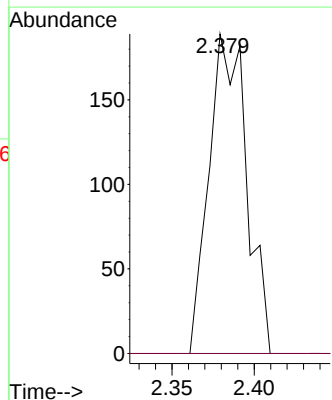
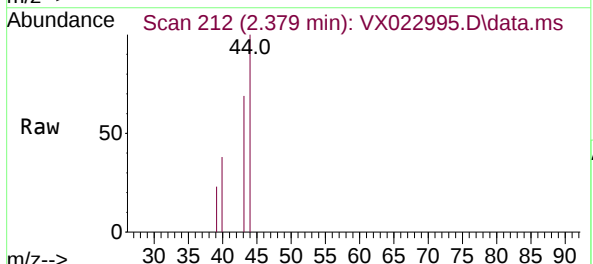
Tgt Ion: 59 Resp: 47
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

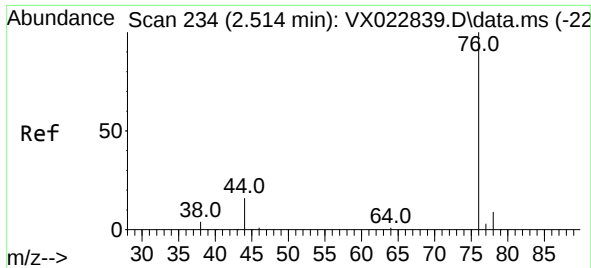


#16

Acetone
Concen: 0.676 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.013 min
Lab File: VX022995.D
Acq: 29 Jun 2021 11:51

Tgt Ion: 43 Resp: 300
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#

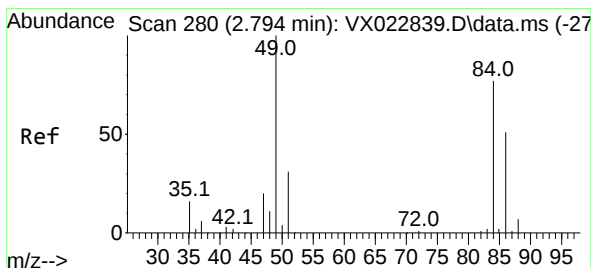
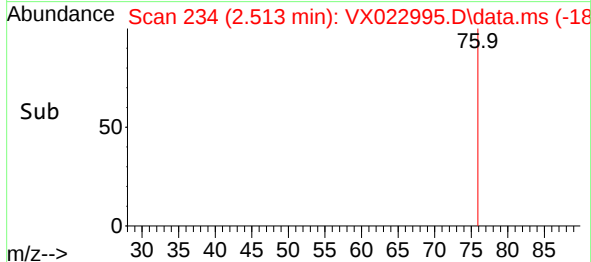
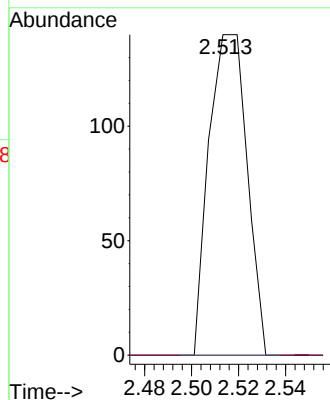
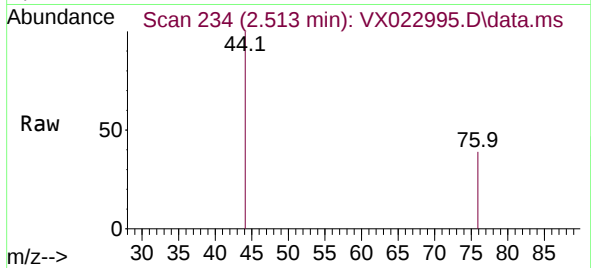




#17
Carbon Disulfide
Concen: 3.591 ug/l
RT: 2.513 min Scan# 234
Delta R.T. -0.001 min
Lab File: VX022995.D
Acq: 29 Jun 2021 11:51

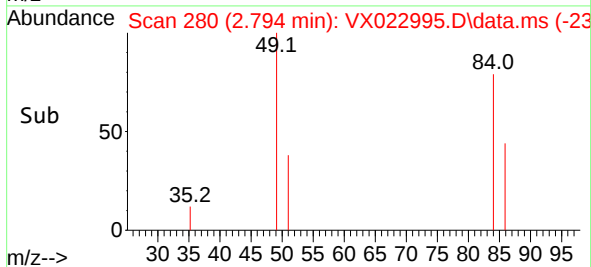
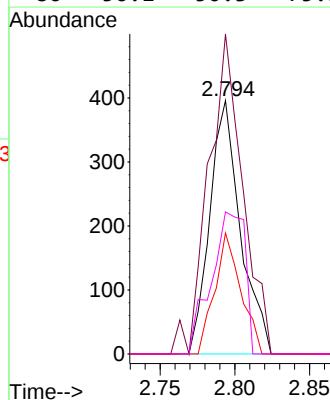
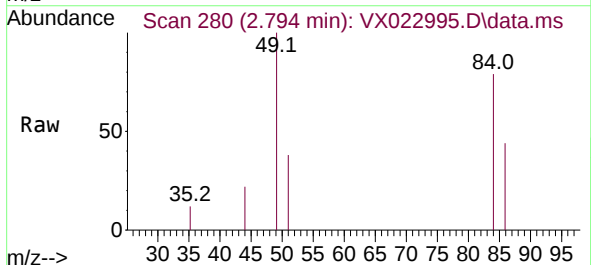
Instrument :
MSVOA_X
ClientSampled :

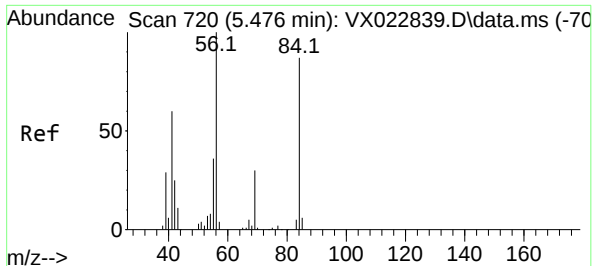
Tgt Ion: 76 Resp: 158
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 1.008 ug/l
RT: 2.794 min Scan# 280
Delta R.T. -0.000 min
Lab File: VX022995.D
Acq: 29 Jun 2021 11:51

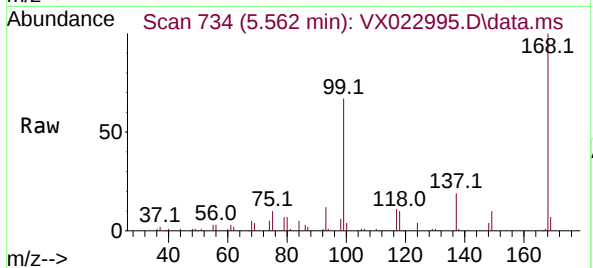
Tgt Ion: 84 Resp: 564
Ion Ratio Lower Upper
84 100
49 126.3 88.6 132.8
51 47.7 27.0 40.6#
86 56.1 50.3 75.5



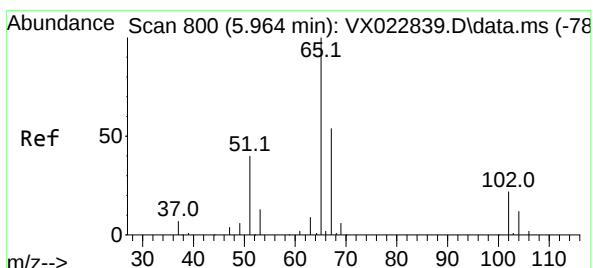
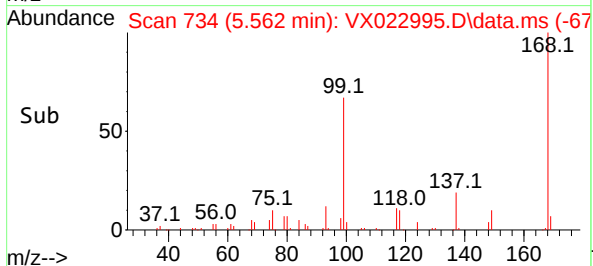
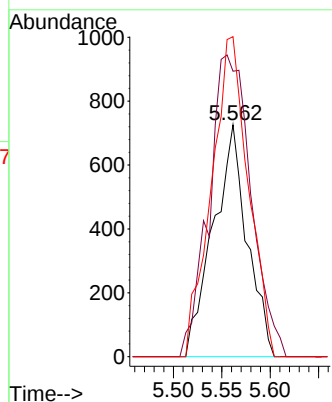


#31
Cyclohexane
Concen: 1.251 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.086 min
Lab File: VX022995.D
Acq: 29 Jun 2021 11:51

Instrument :
MSVOA_X
ClientSampled :

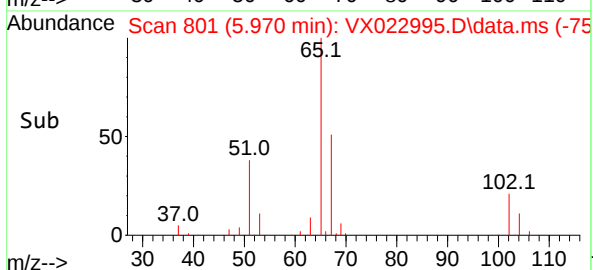
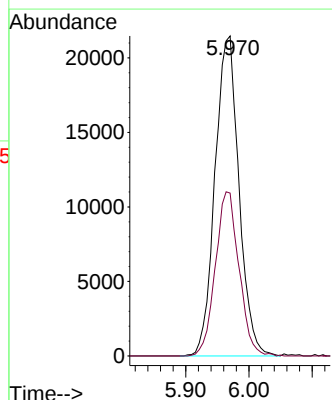
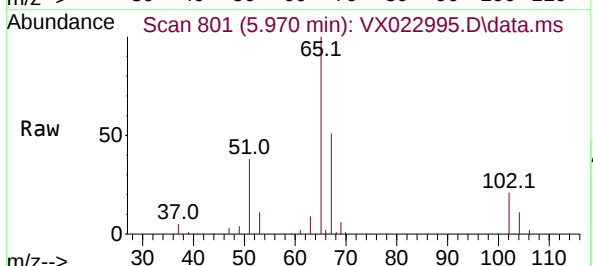


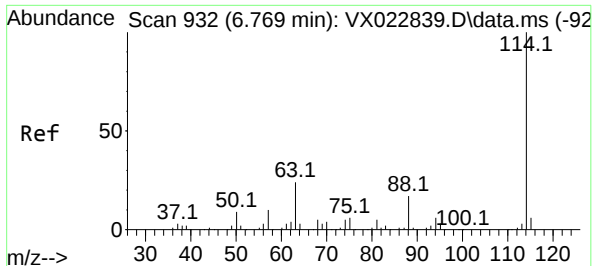
Tgt Ion: 56 Resp: 1768
Ion Ratio Lower Upper
56 100
69 123.1 25.3 37.9#
84 138.0 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 56.334 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX022995.D
Acq: 29 Jun 2021 11:51

Tgt Ion: 65 Resp: 56391
Ion Ratio Lower Upper
65 100
67 50.6 0.0 105.4

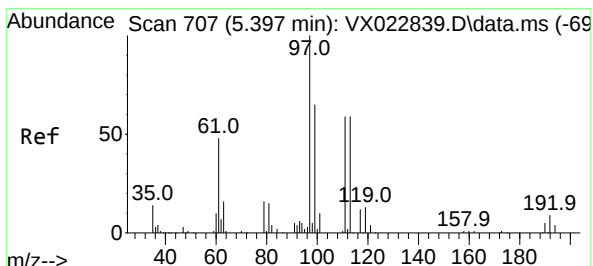
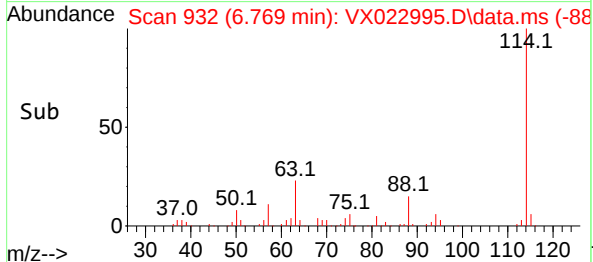
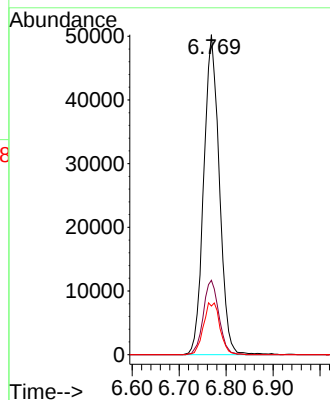
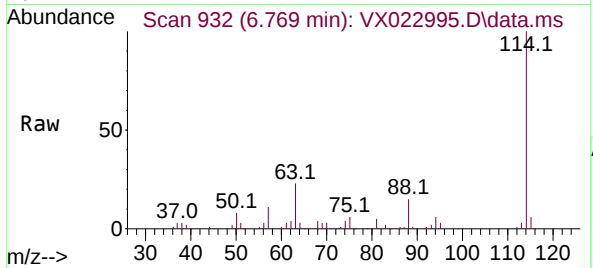




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022995.D
Acq: 29 Jun 2021 11:51

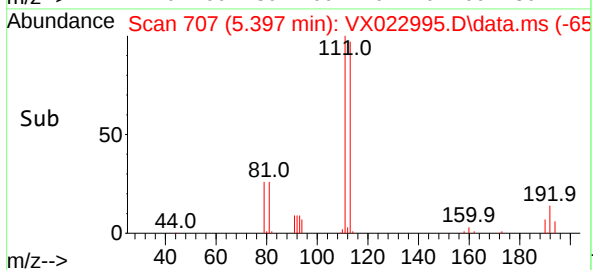
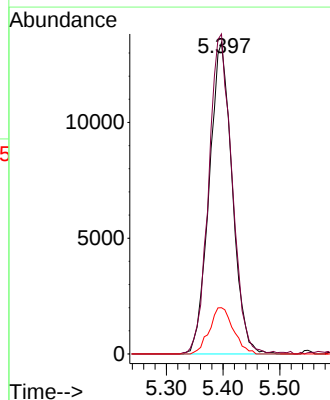
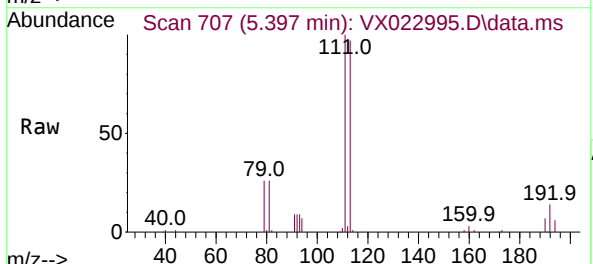
Instrument :
MSVOA_X
ClientSampleId :

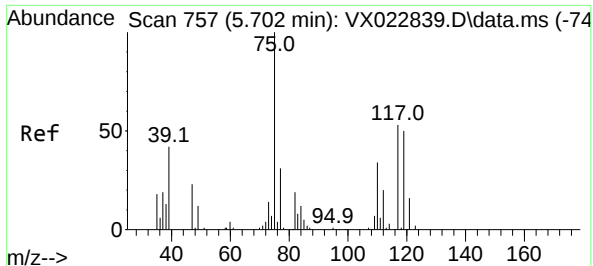
Tgt Ion:114 Resp: 115324
Ion Ratio Lower Upper
114 100
63 23.3 0.0 40.8
88 15.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.741 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX022995.D
Acq: 29 Jun 2021 11:51

Tgt Ion:113 Resp: 37892
Ion Ratio Lower Upper
113 100
111 104.0 81.9 122.9
192 15.4 16.7 25.1#





#36

1,1-Dichloropropene

Concen: 4.541 ug/l

RT: 5.562 min Scan# 734

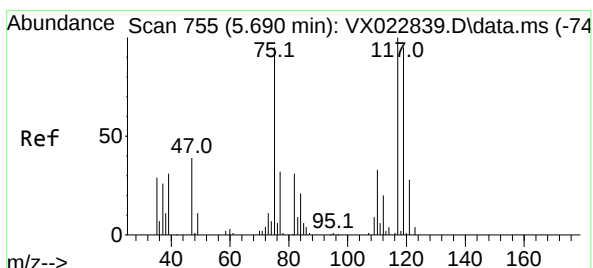
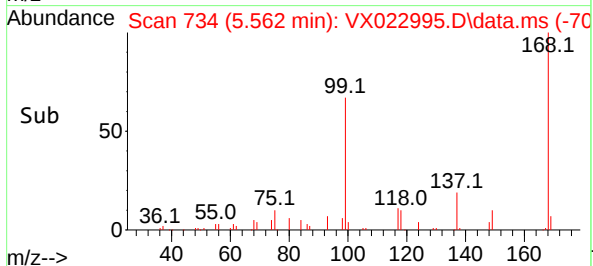
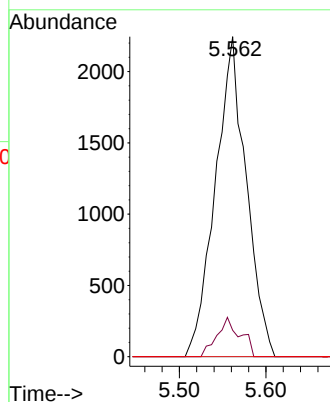
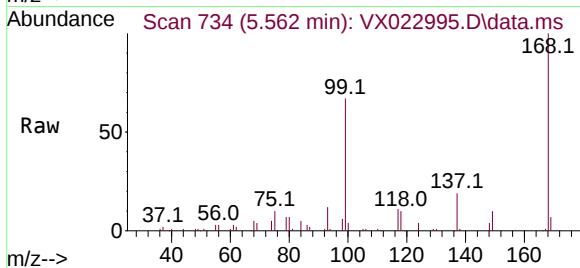
Delta R.T. -0.140 min

Lab File: VX022995.D

Acq: 29 Jun 2021 11:51

Tgt Ion:	75	Resp:	5563
Ion	Ratio	Lower	Upper
75	100		
110	9.3	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :
MSVOA_X
ClientSampled :



#38

Carbon Tetrachloride

Concen: 6.734 ug/l

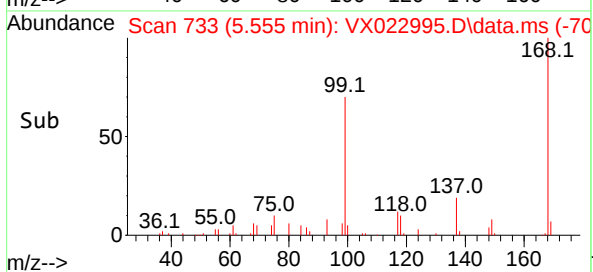
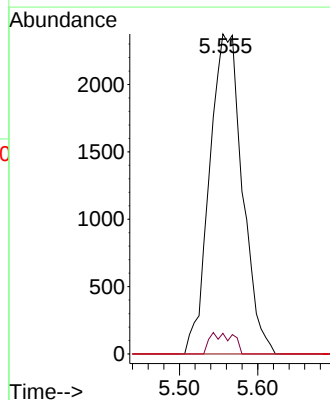
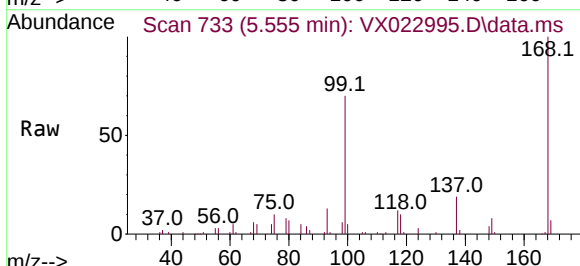
RT: 5.555 min Scan# 733

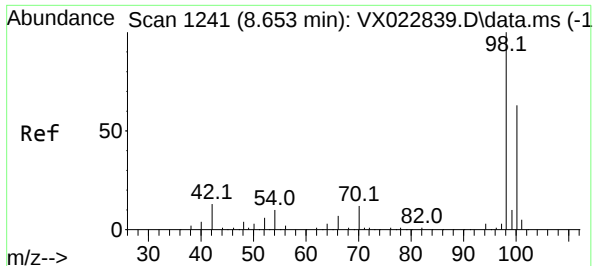
Delta R.T. -0.135 min

Lab File: VX022995.D

Acq: 29 Jun 2021 11:51

Tgt Ion:	117	Resp:	6919
Ion	Ratio	Lower	Upper
117	100		
119	6.4	76.2	114.2#
121	0.0	24.8	37.2#





#50

Toluene-d8

Concen: 53.025 ug/l

RT: 8.652 min Scan# 1241

Delta R.T. -0.001 min

Lab File: VX022995.D

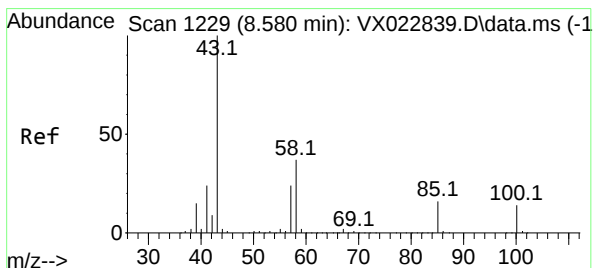
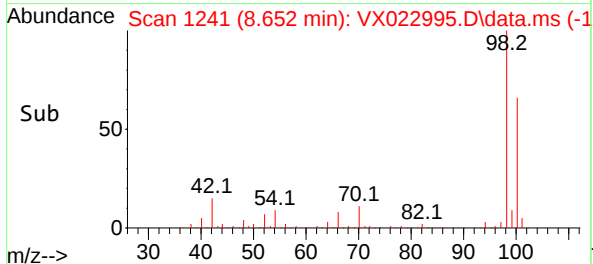
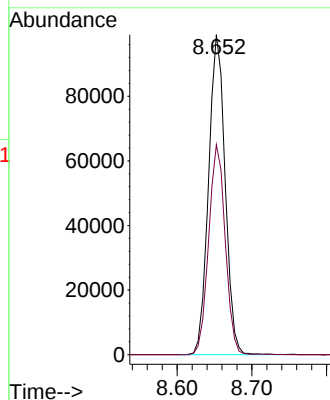
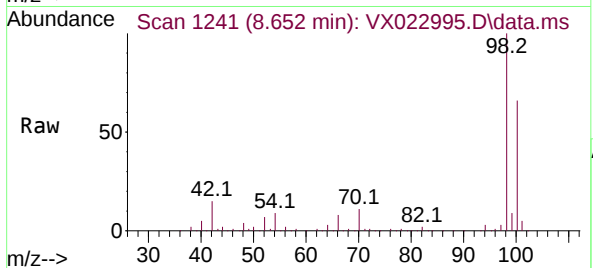
Acq: 29 Jun 2021 11:51

Tgt Ion: 98 Resp: 152191

Ion Ratio Lower Upper

98 100

100 65.7 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 0.671 ug/l

RT: 8.652 min Scan# 1241

Delta R.T. 0.072 min

Lab File: VX022995.D

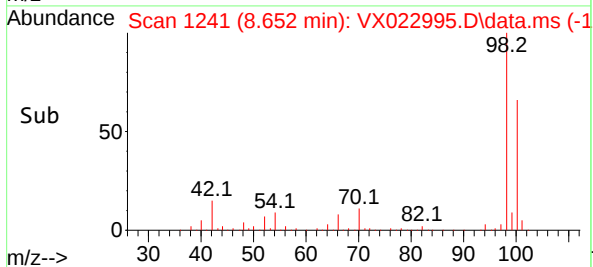
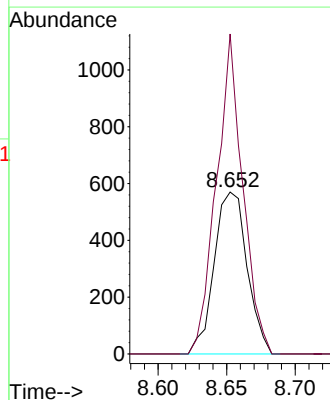
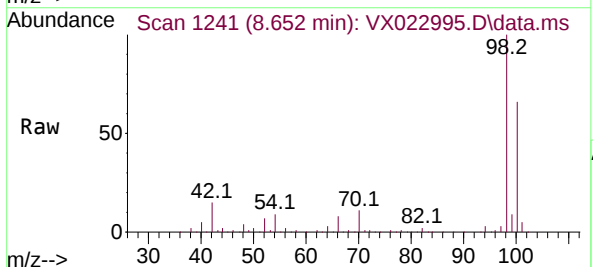
Acq: 29 Jun 2021 11:51

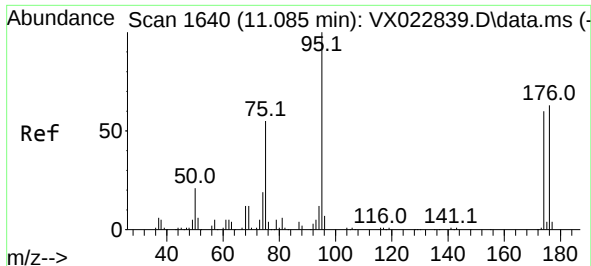
Tgt Ion: 43 Resp: 953

Ion Ratio Lower Upper

43 100

58 158.3 35.4 53.0#

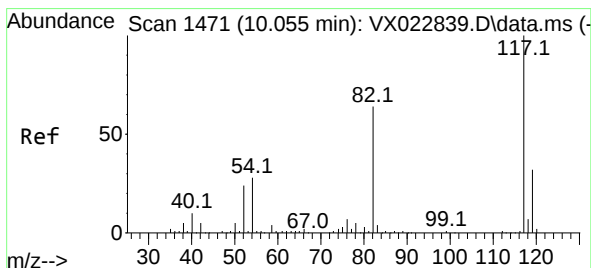
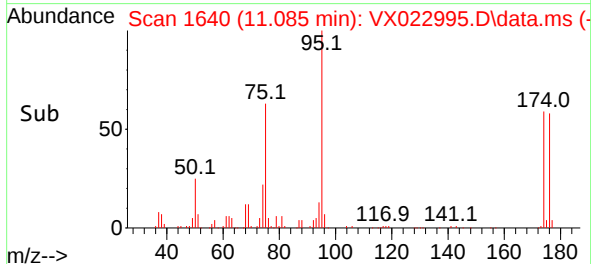
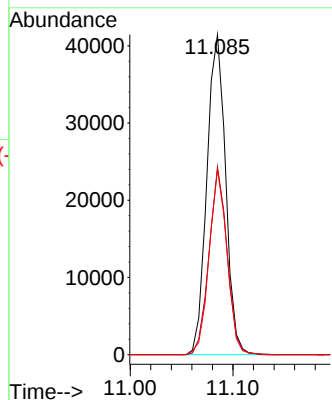
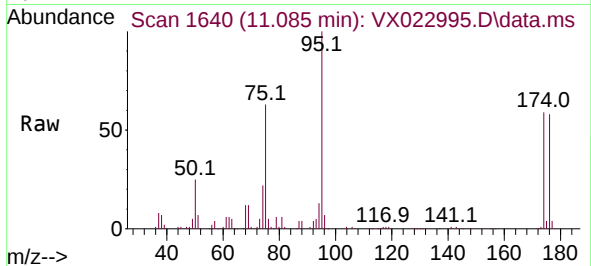




#62
4-Bromofluorobenzene
Concen: 49.134 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX022995.D
Acq: 29 Jun 2021 11:51

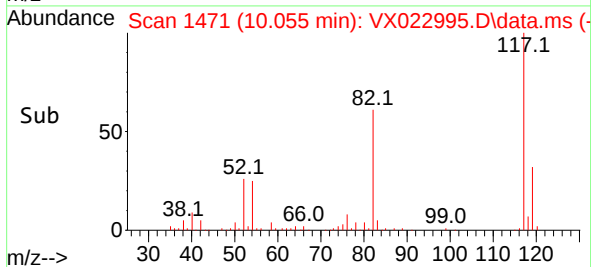
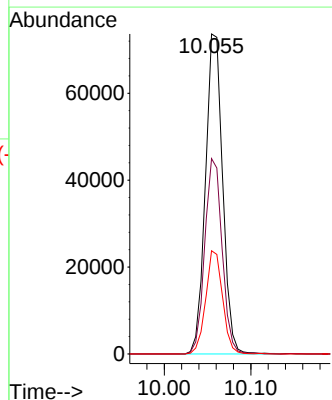
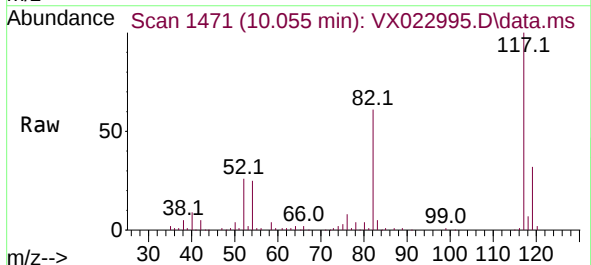
Instrument :
MSVOA_X
ClientSampleId :

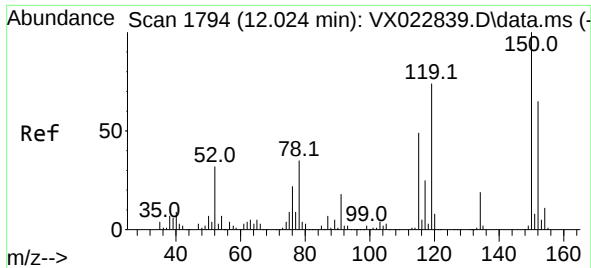
Tgt Ion: 95 Resp: 52631
Ion Ratio Lower Upper
95 100
174 56.3 0.0 154.6
176 55.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX022995.D
Acq: 29 Jun 2021 11:51

Tgt Ion: 117 Resp: 101836
Ion Ratio Lower Upper
117 100
82 61.1 47.4 71.2
119 32.2 26.6 39.8

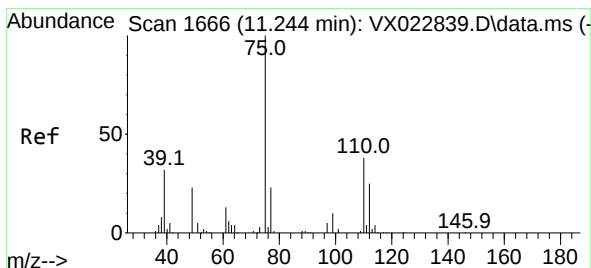
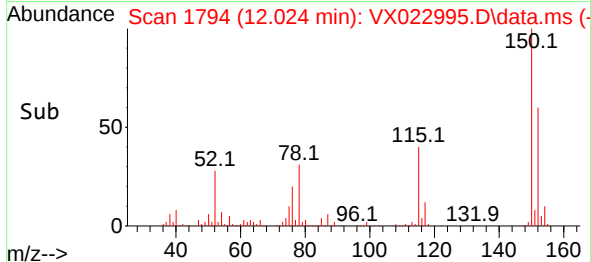
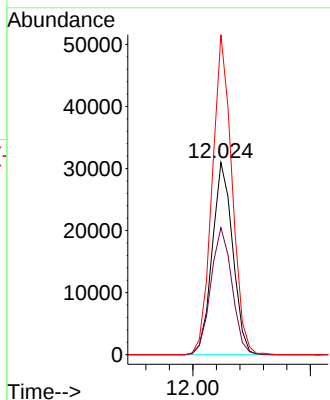
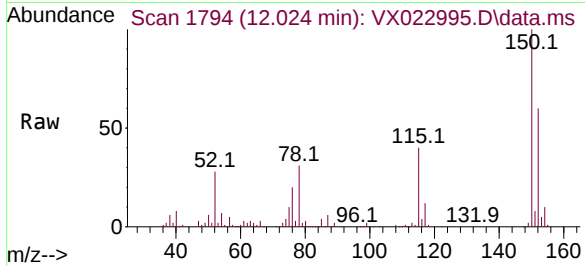




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. -0.000 min
 Lab File: VX022995.D
 Acq: 29 Jun 2021 11:51

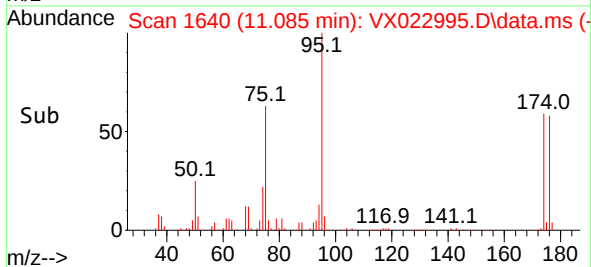
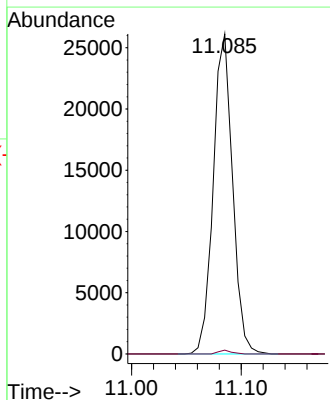
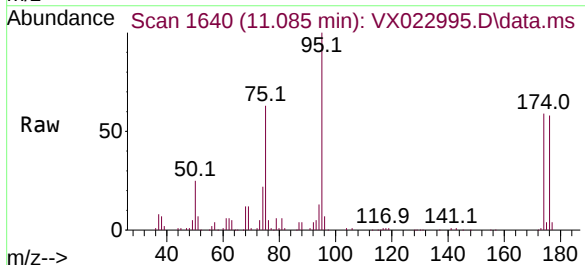
Instrument :
 MSVOA_X
 ClientSampled :

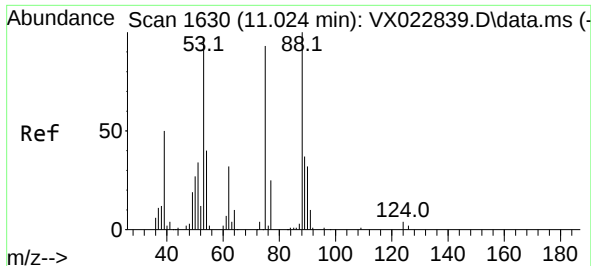
Tgt Ion:152 Resp: 37480
 Ion Ratio Lower Upper
 152 100
 115 68.2 41.1 123.3
 150 161.2 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 32.306 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022995.D
 Acq: 29 Jun 2021 11:51

Tgt Ion: 75 Resp: 31983
 Ion Ratio Lower Upper
 75 100
 77 0.8 19.1 57.5#

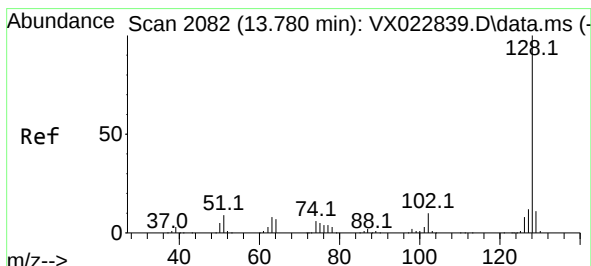
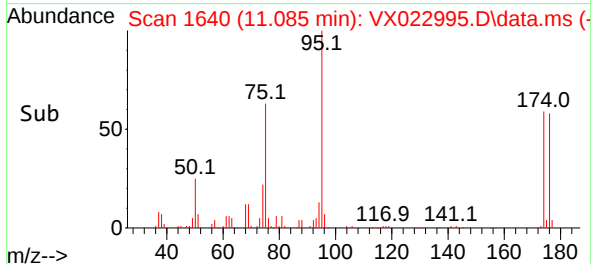
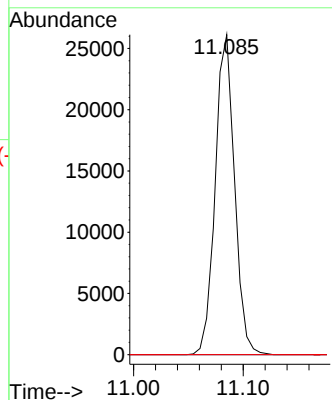
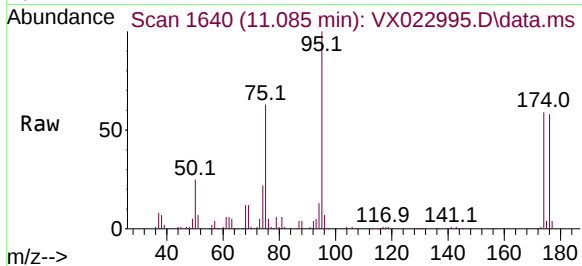




#81
trans-1,4-Dichloro-2-butene
Concen: 82.408 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022995.D
Acq: 29 Jun 2021 11:51

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 31983
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.967 ug/l
RT: 13.773 min Scan# 2081
Delta R.T. -0.007 min
Lab File: VX022995.D
Acq: 29 Jun 2021 11:51

Tgt Ion:128 Resp: 140
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

