

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062421\
 Data File : VX022900.D
 Acq On : 25 Jun 2021 04:44
 Operator : JC/MD
 Sample : M2838-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 25 05:44:05 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)

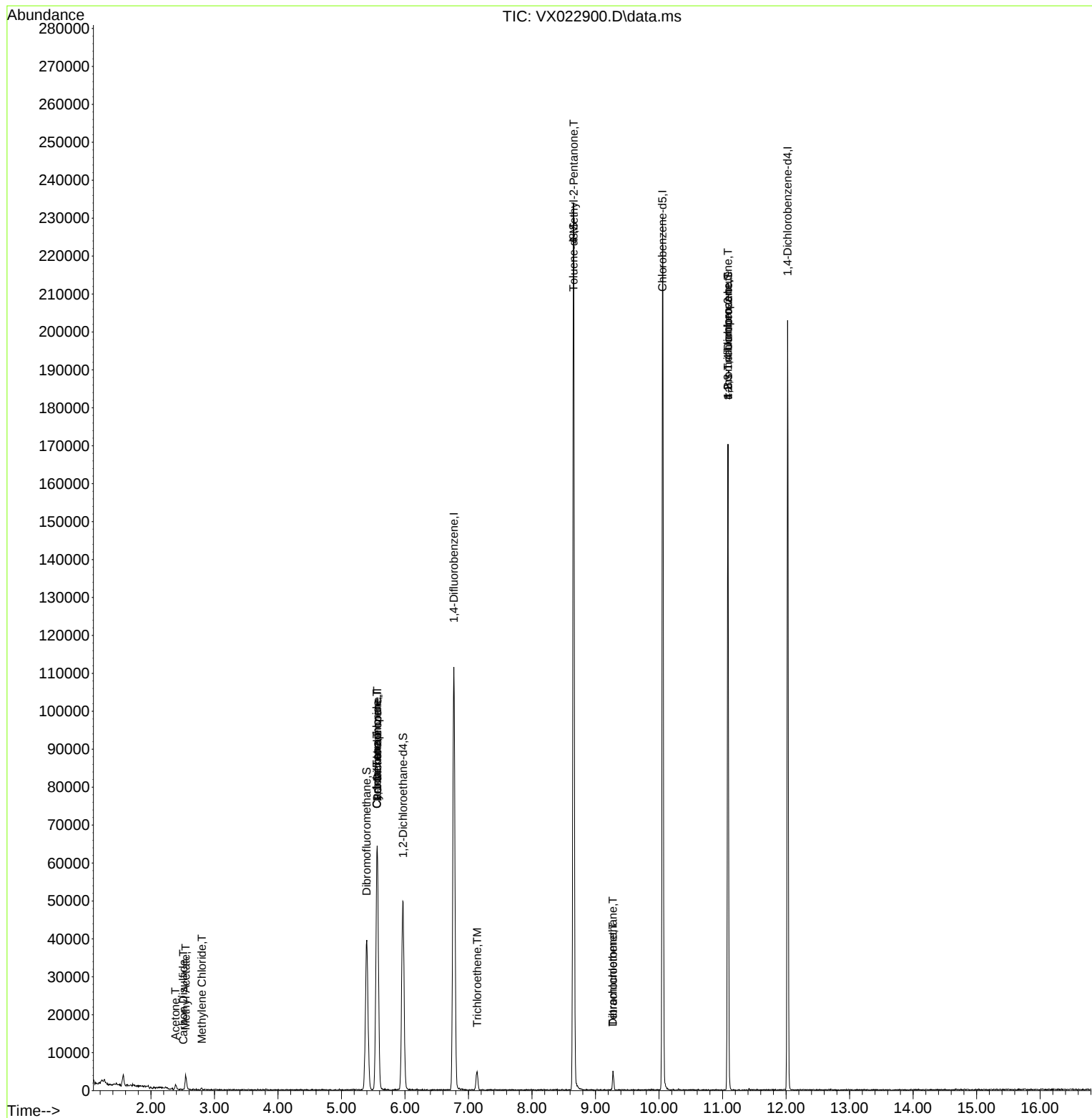
Internal Standards						
1) Pentafluorobenzene	5.562	168	53982	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	107299	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	95162	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	36107	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	46907	47.88	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.76%		
35) Dibromofluoromethane	5.397	113	33571	49.27	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.54%		
50) Toluene-d8	8.653	98	132815	49.74	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.48%		
62) 4-Bromofluorobenzene	11.085	95	43814	43.96	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.92%		
Target Compounds						
						Qvalue
16) Acetone	2.386	43	1356	3.12	ug/l	92
17) Carbon Disulfide	2.507	76	60	3.54	ug/l #	75
18) Methyl Acetate	2.544	43	1294	1.21	ug/l #	47
20) Methylene Chloride	2.800	84	172	0.57	ug/l #	82
31) Cyclohexane	5.556	56	1469	1.06	ug/l #	35
36) 1,1-Dichloropropene	5.562	75	5285	4.64	ug/l #	49
38) Carbon Tetrachloride	5.556	117	6434	6.73	ug/l #	17
44) Trichloroethene	7.135	130	1797	2.31	ug/l	96
51) 4-Methyl-2-Pentanone	8.659	43	728	0.55	ug/l #	1
60) Dibromochloromethane	9.275	129	786	4.58	ug/l #	11
64) Tetrachloroethene	9.275	164	811	1.21	ug/l	92
76) 1,2,3-Trichloropropane	11.085	75	23637	24.78	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	23637	64.74	ug/l #	12

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

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MSVOA_X
ClientSampled :

Quant Time: Jun 25 05:44:05 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
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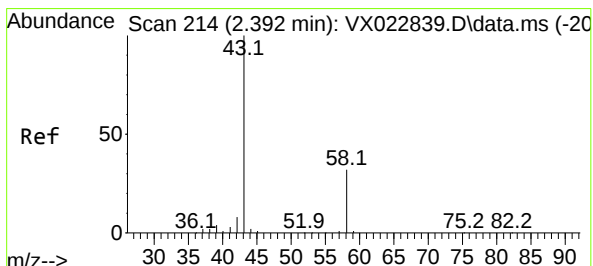
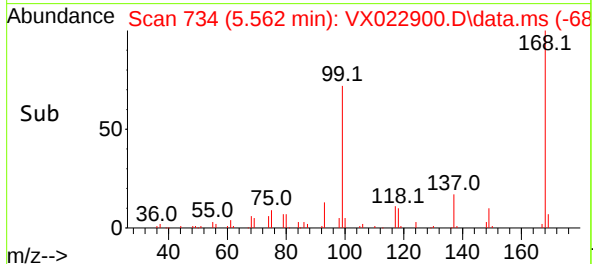
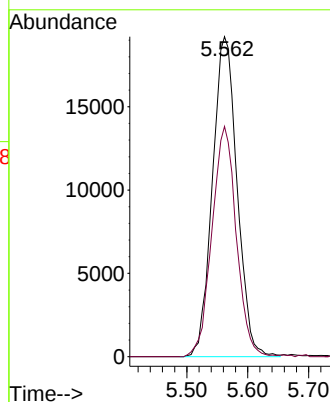
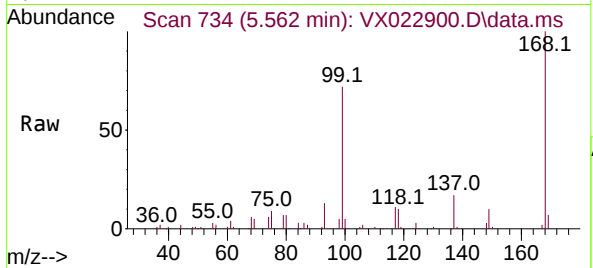




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX022900.D
Acq: 25 Jun 2021 04:44

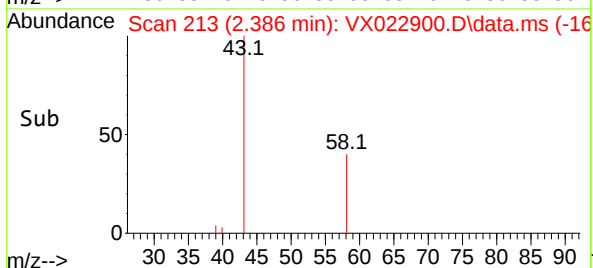
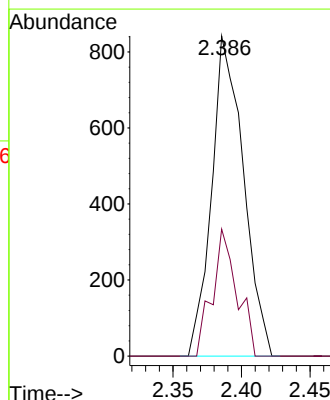
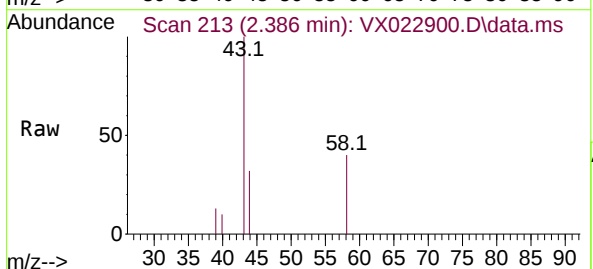
Instrument :
MSVOA_X
ClientSampleId :

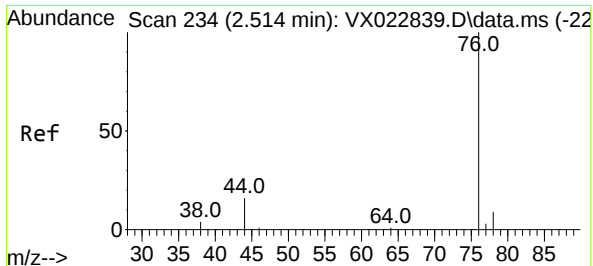
Tgt Ion:168 Resp: 53982
Ion Ratio Lower Upper
168 100
99 71.9 45.8 68.6#



#16
Acetone
Concen: 3.12 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022900.D
Acq: 25 Jun 2021 04:44

Tgt Ion: 43 Resp: 1356
Ion Ratio Lower Upper
43 100
58 39.7 27.8 41.8

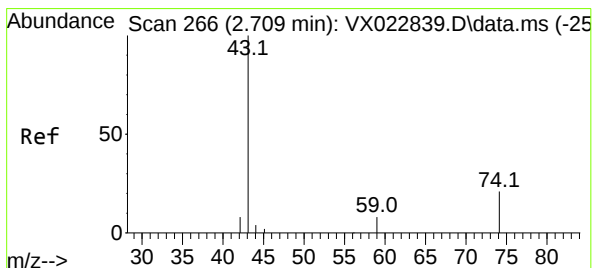
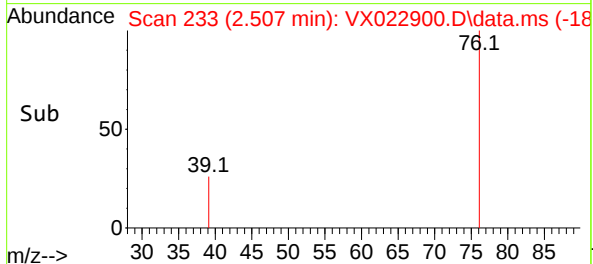
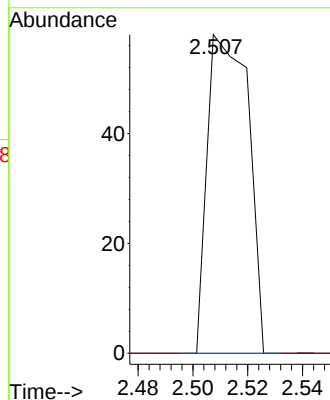
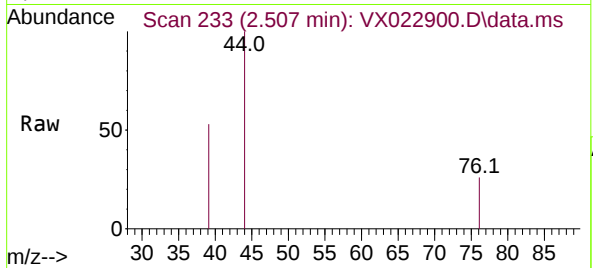




#17
Carbon Disulfide
Concen: 3.54 ug/l
RT: 2.507 min Scan# 233
Delta R.T. -0.007 min
Lab File: VX022900.D
Acq: 25 Jun 2021 04:44

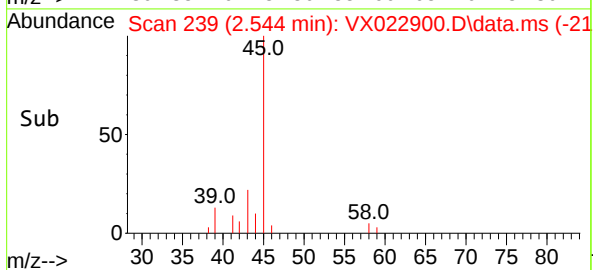
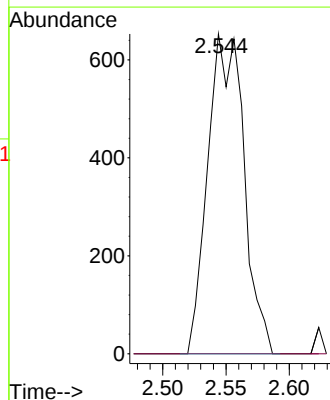
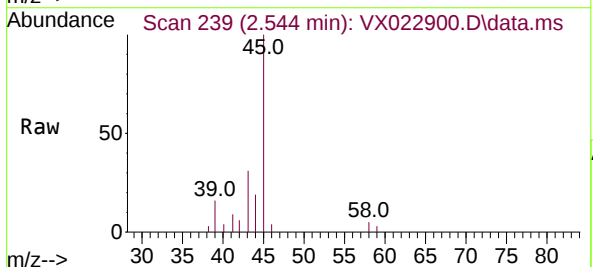
Instrument :
MSVOA_X
ClientSampled :

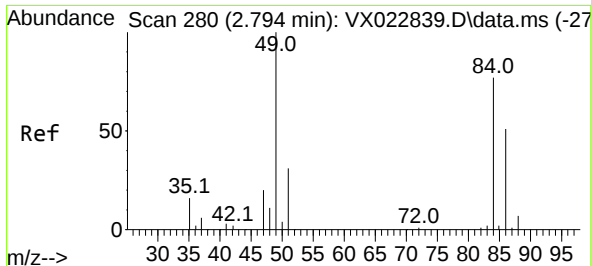
Tgt Ion: 76 Resp: 60
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 1.21 ug/l
RT: 2.544 min Scan# 239
Delta R.T. -0.165 min
Lab File: VX022900.D
Acq: 25 Jun 2021 04:44

Tgt Ion: 43 Resp: 1294
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#





#20

Methylene Chloride

Concen: 0.57 ug/l

RT: 2.800 min Scan# 281

Delta R.T. 0.006 min

Lab File: VX022900.D

Acq: 25 Jun 2021 04:44

Tgt Ion: 84 Resp: 172

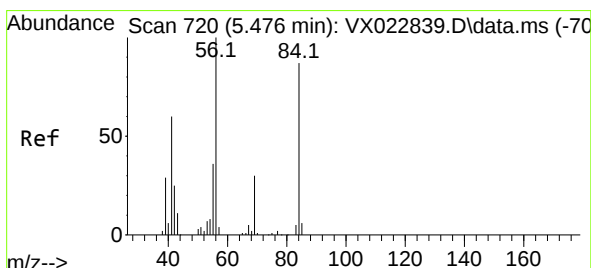
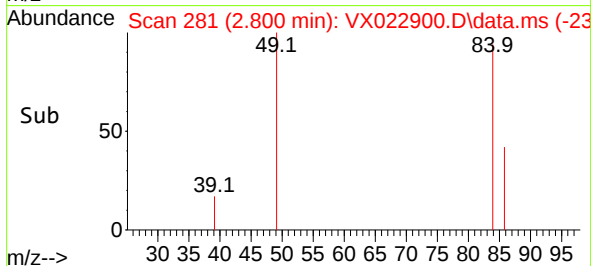
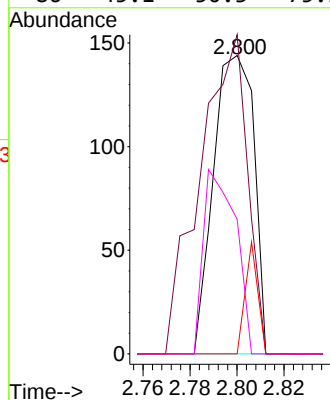
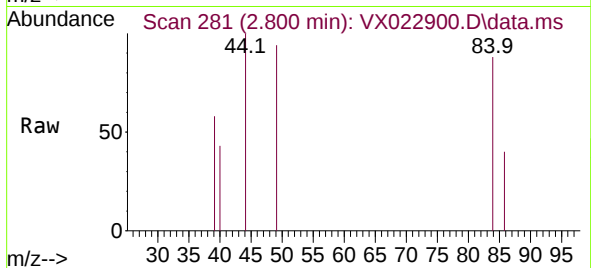
Ion Ratio Lower Upper

84 100

49 106.9 88.6 132.8

51 0.0 27.0 40.6#

86 45.1 50.3 75.5#



#31

Cyclohexane

Concen: 1.06 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.080 min

Lab File: VX022900.D

Acq: 25 Jun 2021 04:44

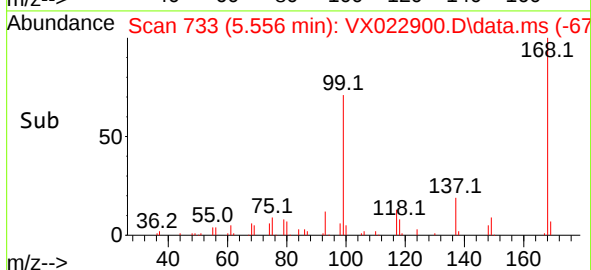
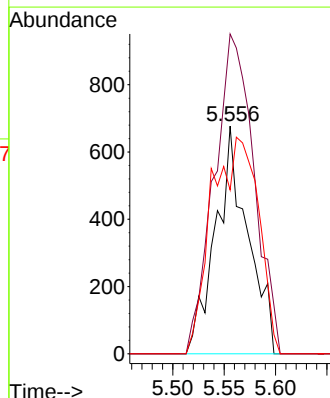
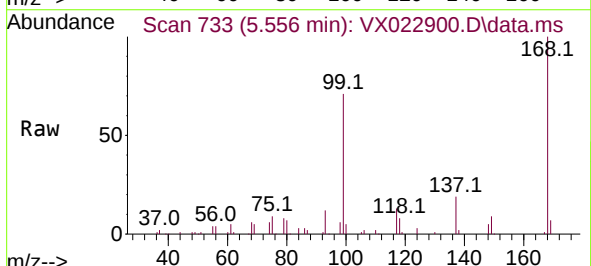
Tgt Ion: 56 Resp: 1469

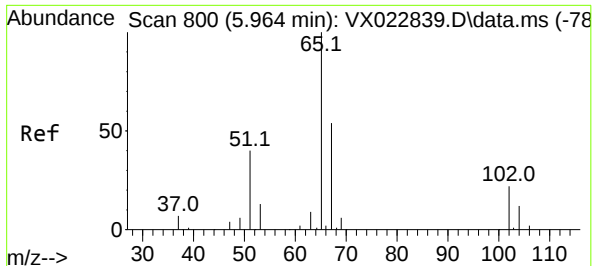
Ion Ratio Lower Upper

56 100

69 140.5 25.3 37.9#

84 71.9 71.4 107.0

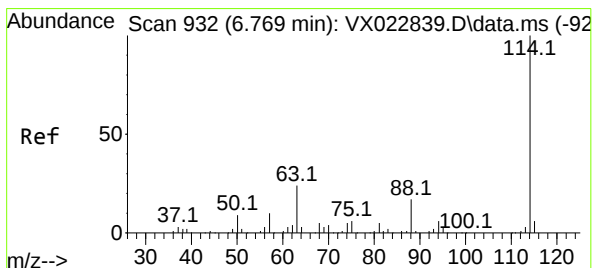
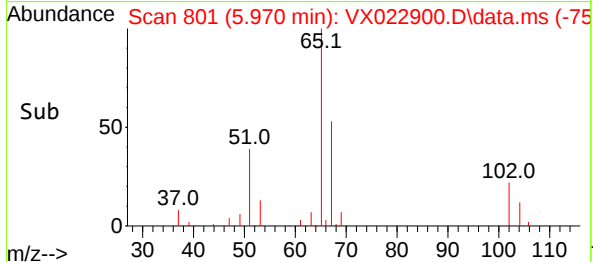
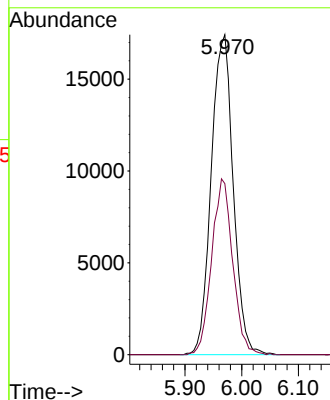
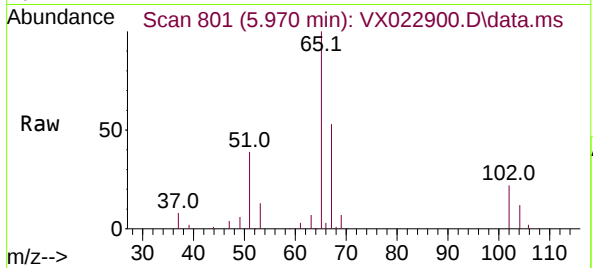




#33
1,2-Dichloroethane-d4
Concen: 47.88 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX022900.D
Acq: 25 Jun 2021 04:44

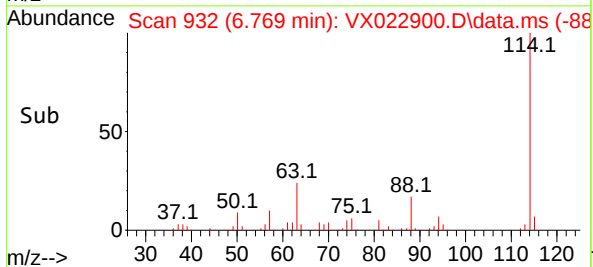
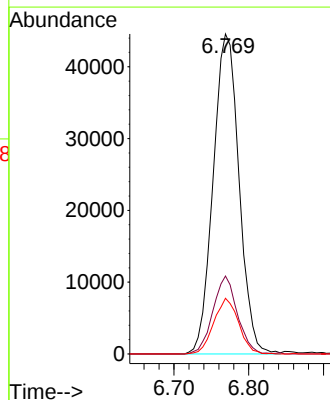
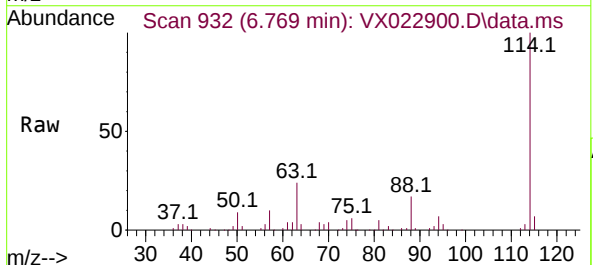
Instrument :
MSVOA_X
ClientSampled :

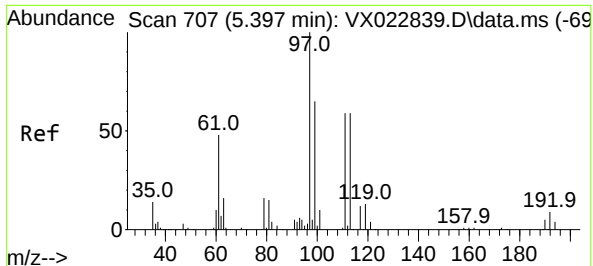
Tgt Ion: 65 Resp: 46907
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022900.D
Acq: 25 Jun 2021 04:44

Tgt Ion: 114 Resp: 107299
Ion Ratio Lower Upper
114 100
63 24.4 0.0 40.8
88 17.4 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.27 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX022900.D

Acq: 25 Jun 2021 04:44

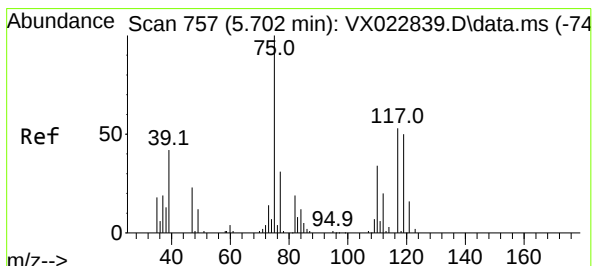
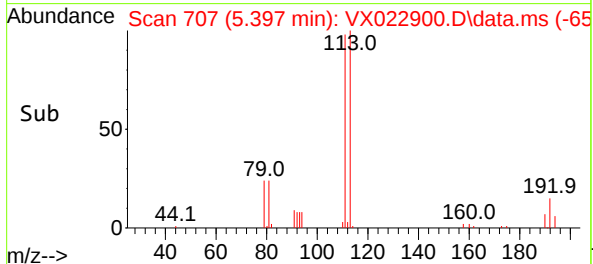
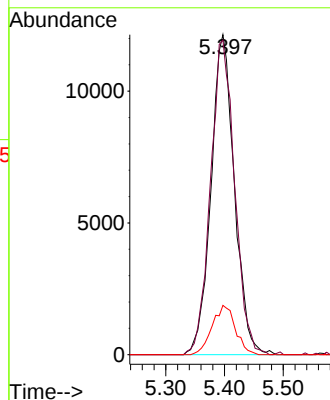
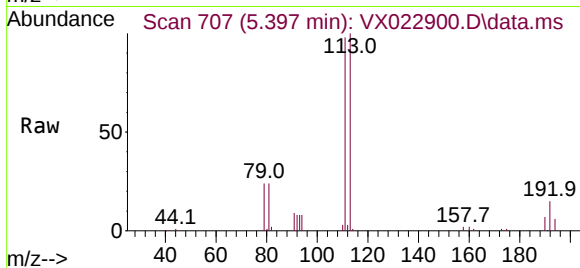
Tgt Ion:113 Resp: 33571

Ion Ratio Lower Upper

113 100

111 101.4 81.9 122.9

192 15.4 16.7 25.1#



#36

1,1-Dichloropropene

Concen: 4.64 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX022900.D

Acq: 25 Jun 2021 04:44

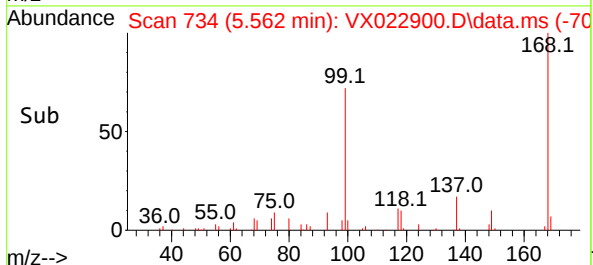
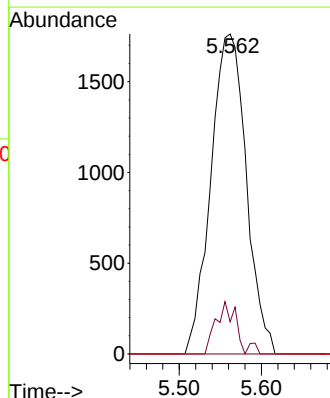
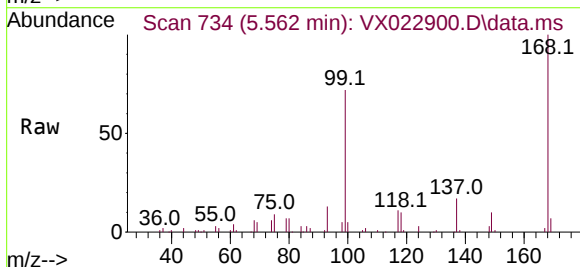
Tgt Ion: 75 Resp: 5285

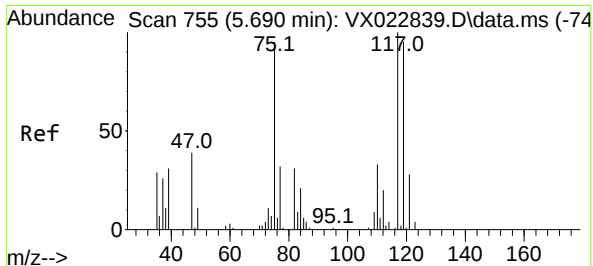
Ion Ratio Lower Upper

75 100

110 8.8 18.1 54.4#

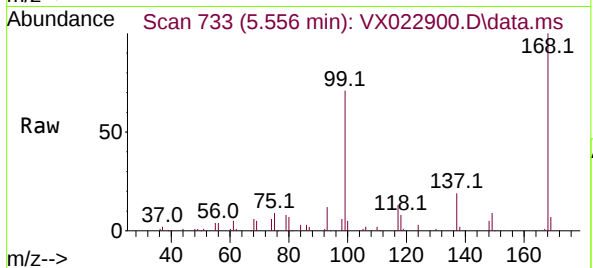
77 0.0 25.3 37.9#



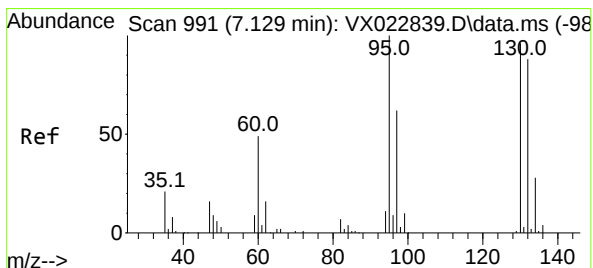
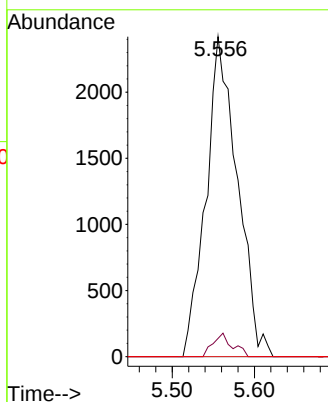
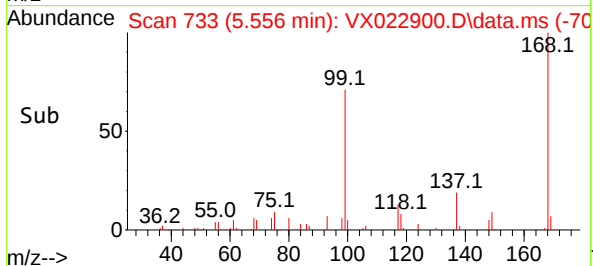


#38
Carbon Tetrachloride
Concen: 6.73 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX022900.D
Acq: 25 Jun 2021 04:44

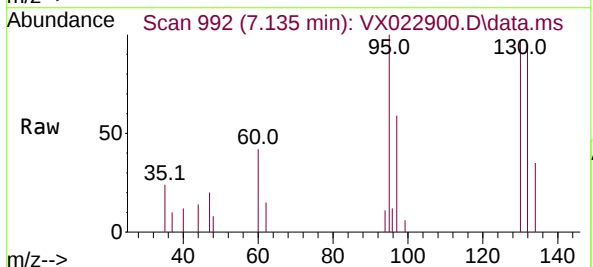
Instrument :
MSVOA_X
ClientSampled :



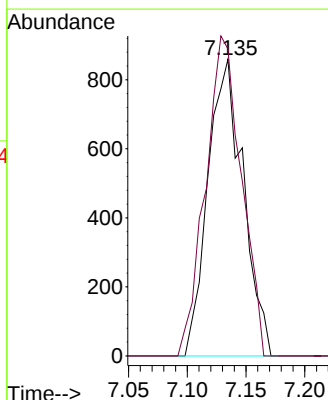
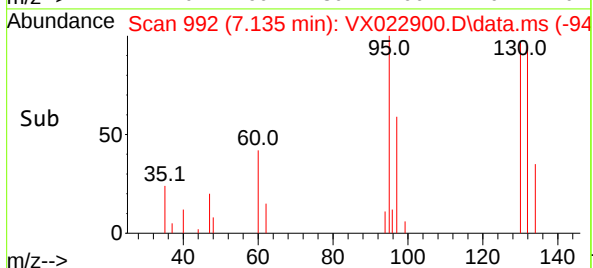
Tgt Ion:117 Resp: 6434
Ion Ratio Lower Upper
117 100
119 5.7 76.2 114.2#
121 0.0 24.8 37.2#

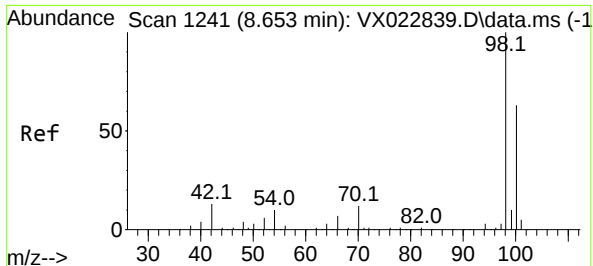


#44
Trichloroethene
Concen: 2.31 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX022900.D
Acq: 25 Jun 2021 04:44



Tgt Ion:130 Resp: 1797
Ion Ratio Lower Upper
130 100
95 103.4 0.0 198.0

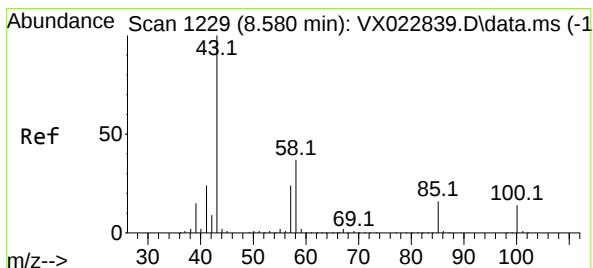
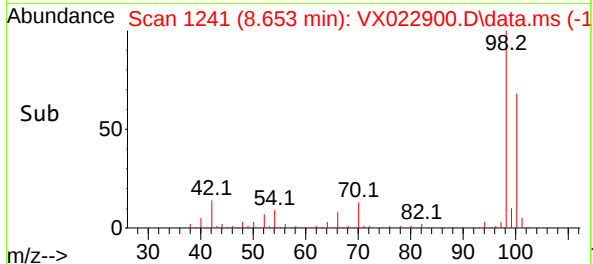
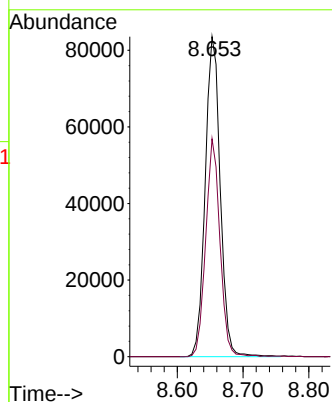
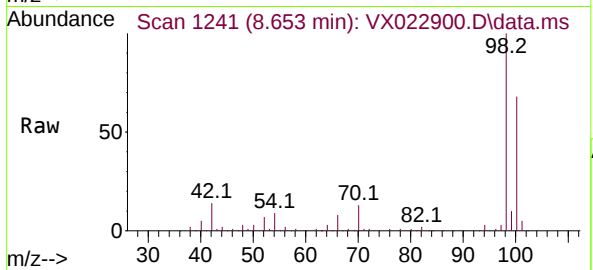




#50
Toluene-d8
Concen: 49.74 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022900.D
Acq: 25 Jun 2021 04:44

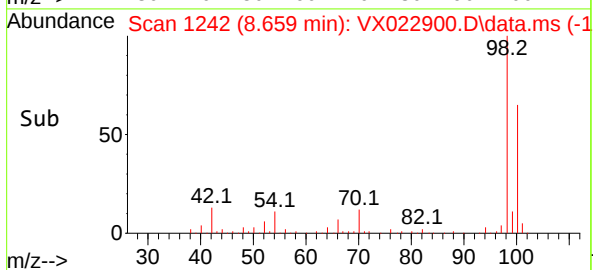
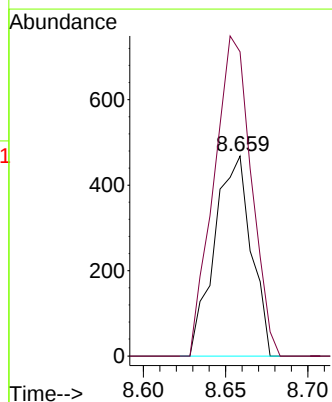
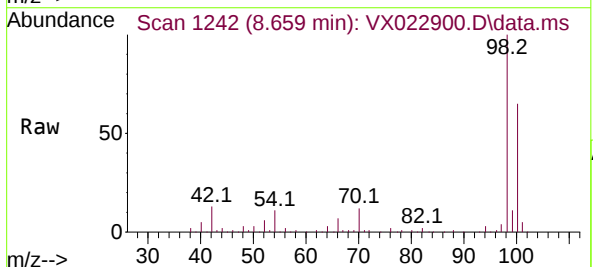
Instrument :
MSVOA_X
ClientSampled :

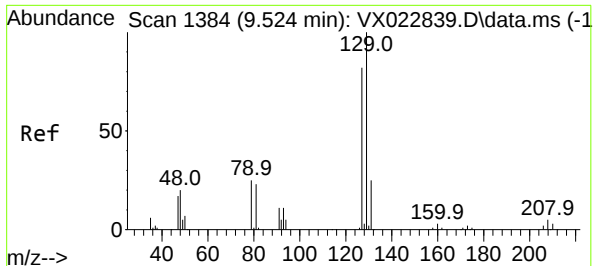
Tgt Ion: 98 Resp: 132815
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.55 ug/l
RT: 8.659 min Scan# 1242
Delta R.T. 0.079 min
Lab File: VX022900.D
Acq: 25 Jun 2021 04:44

Tgt Ion: 43 Resp: 728
Ion Ratio Lower Upper
43 100
58 163.0 35.4 53.0#

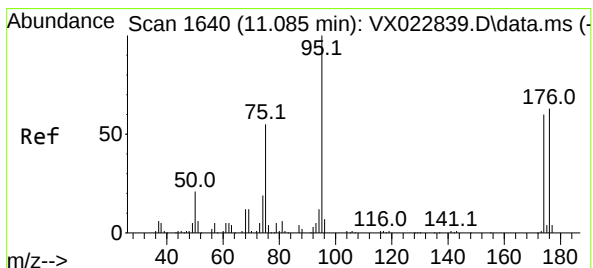
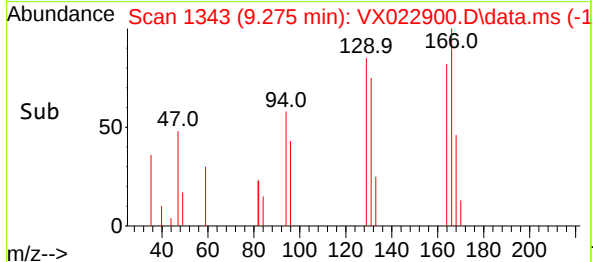
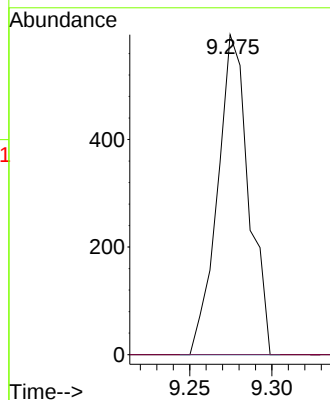
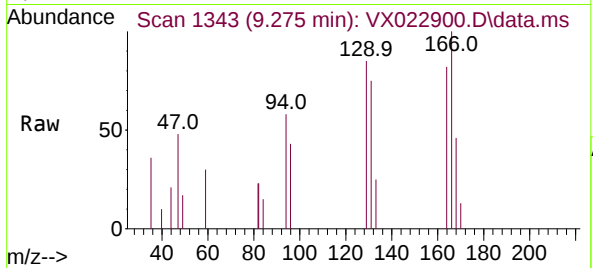




#60
Dibromochloromethane
Concen: 4.58 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.249 min
Lab File: VX022900.D
Acq: 25 Jun 2021 04:44

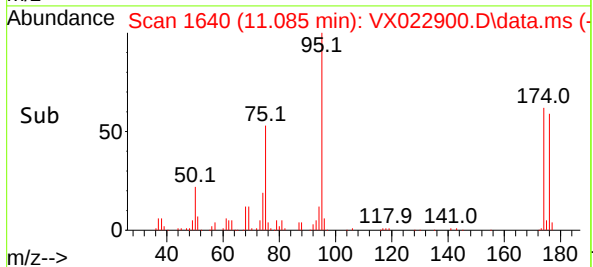
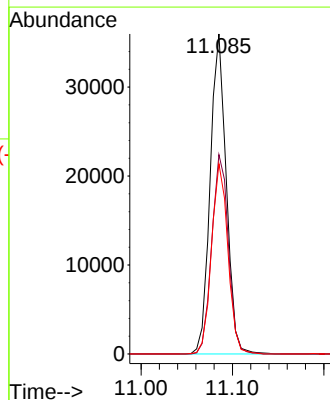
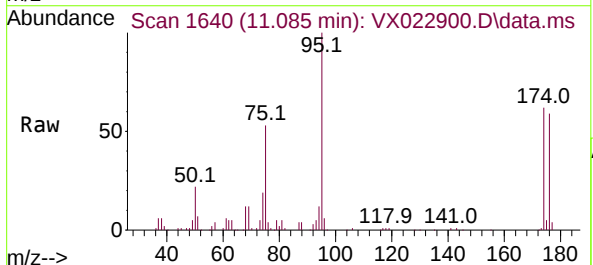
Instrument :
MSVOA_X
ClientSampleId :

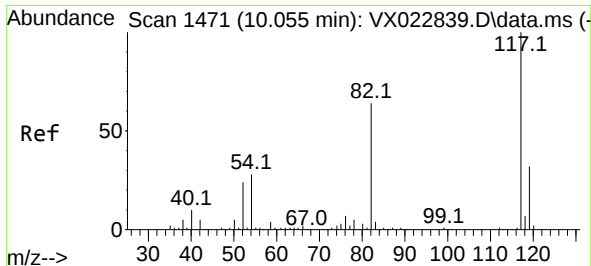
Tgt Ion:129 Resp: 786
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 43.96 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022900.D
Acq: 25 Jun 2021 04:44

Tgt Ion: 95 Resp: 43814
Ion Ratio Lower Upper
95 100
174 64.6 0.0 154.6
176 60.6 0.0 155.8

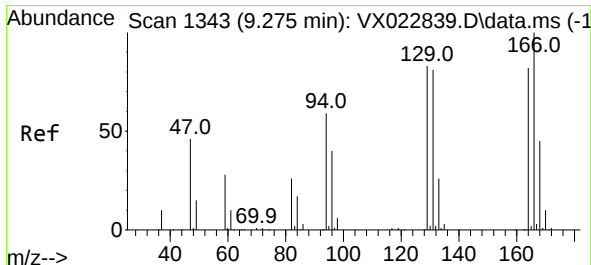
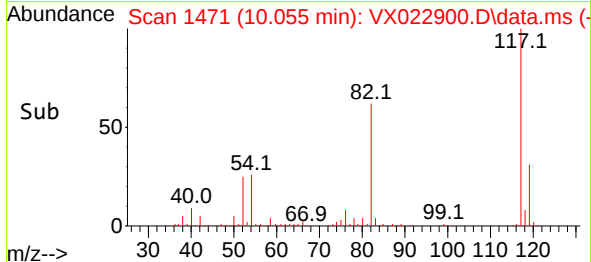
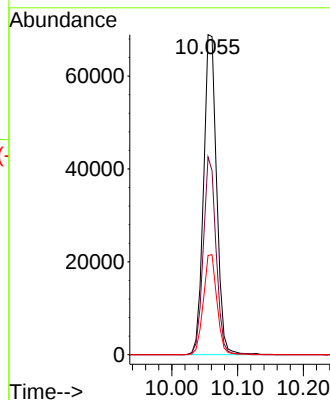
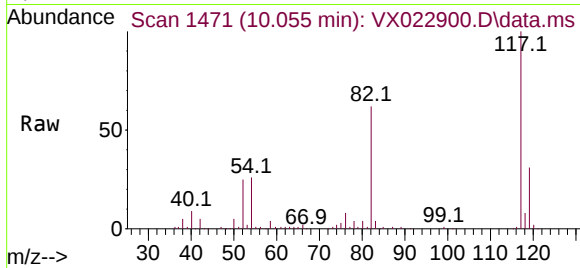




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX022900.D
Acq: 25 Jun 2021 04:44

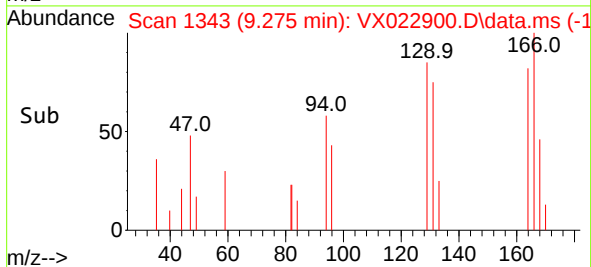
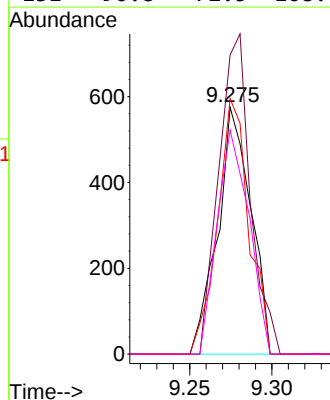
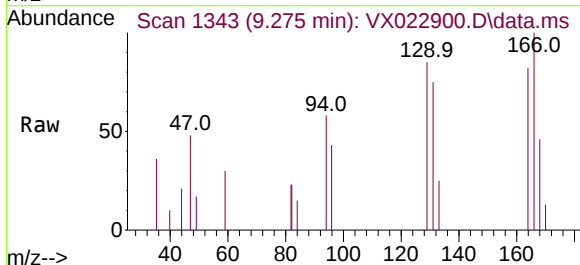
Instrument :
MSVOA_X
ClientSampled :

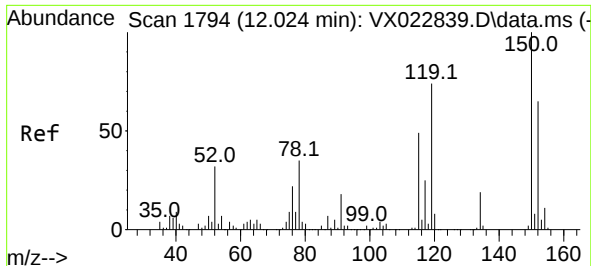
Tgt Ion:117 Resp: 95162
Ion Ratio Lower Upper
117 100
82 61.8 47.4 71.2
119 31.0 26.6 39.8



#64
Tetrachloroethene
Concen: 1.21 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX022900.D
Acq: 25 Jun 2021 04:44

Tgt Ion:164 Resp: 811
Ion Ratio Lower Upper
164 100
166 121.2 103.4 155.2
129 103.5 70.8 106.2
131 90.8 72.5 108.7

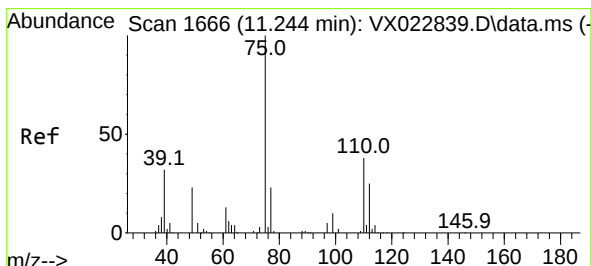
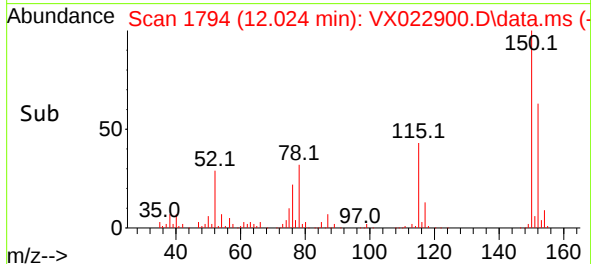
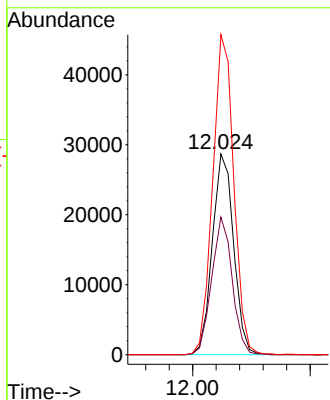
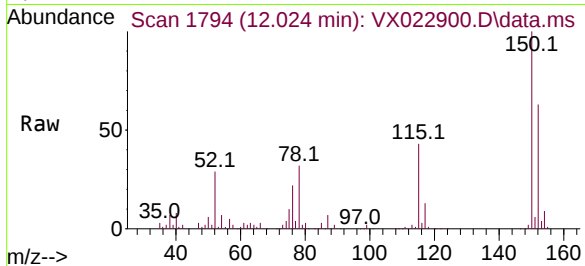




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022900.D
 Acq: 25 Jun 2021 04:44

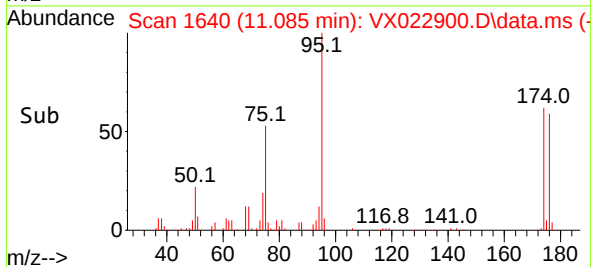
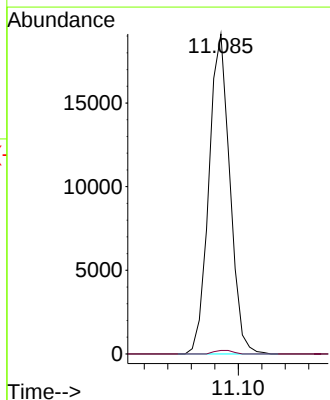
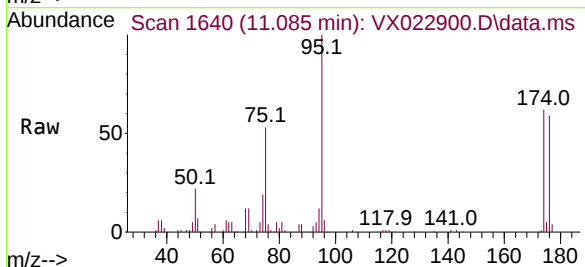
Instrument :
 MSVOA_X
 ClientSampled :

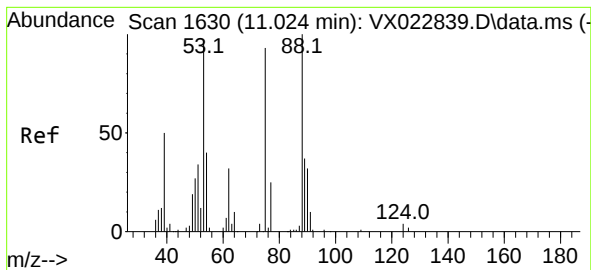
Tgt Ion:152 Resp: 36107
 Ion Ratio Lower Upper
 152 100
 115 66.1 41.1 123.3
 150 157.6 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 24.78 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022900.D
 Acq: 25 Jun 2021 04:44

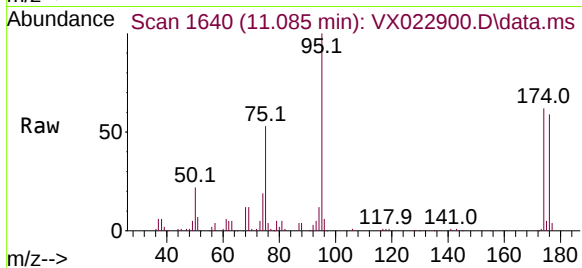
Tgt Ion: 75 Resp: 23637
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.74 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX022900.D
 Acq: 25 Jun 2021 04:44

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 23637
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

