

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062421\
 Data File : VX022901.D
 Acq On : 25 Jun 2021 05:07
 Operator : JC/MD
 Sample : M2838-16 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20210622

Quant Time: Jun 25 05:44:13 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)

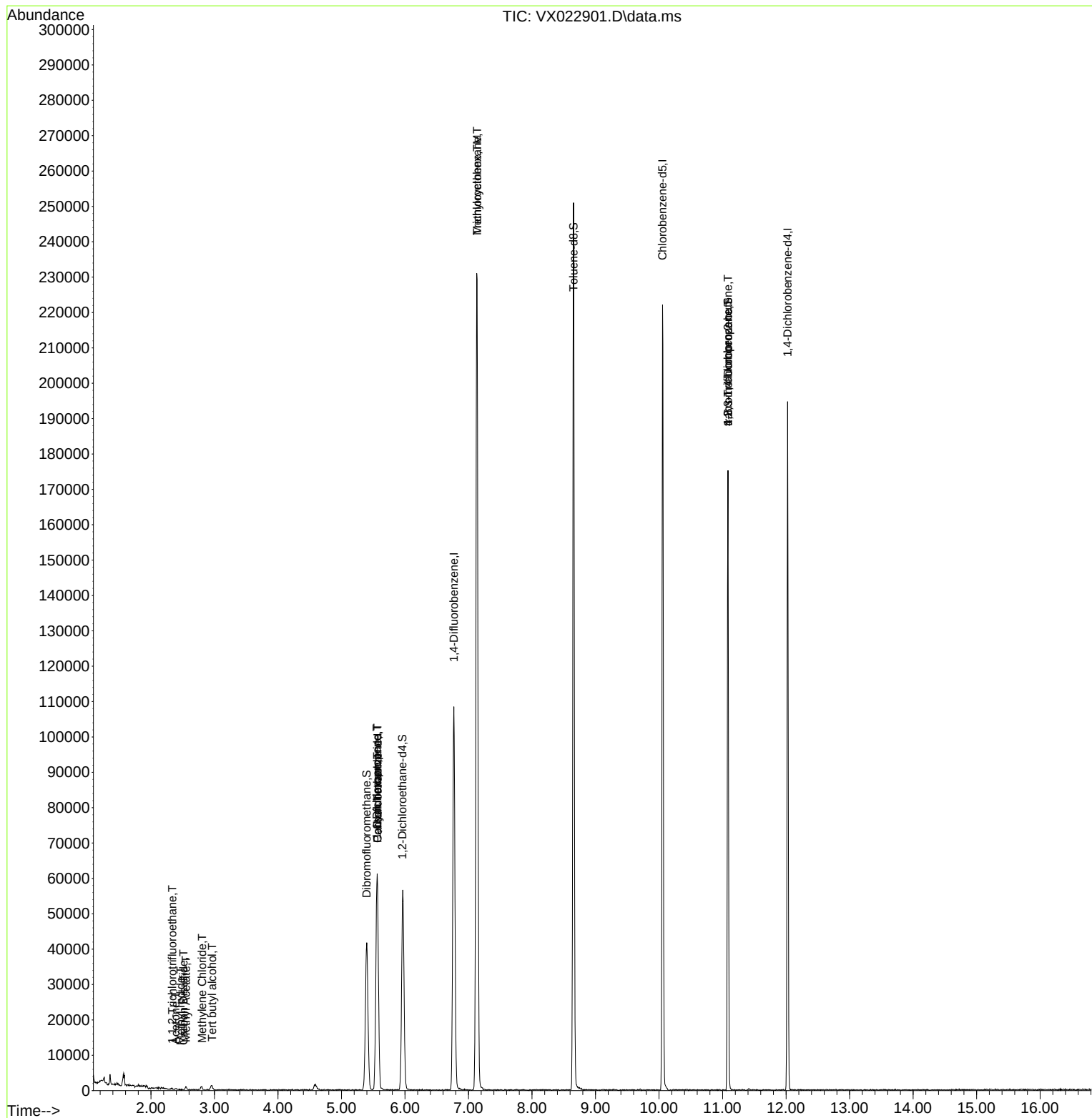
Internal Standards						
1) Pentafluorobenzene	5.568	168	50273	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.769	114	104767	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	91984	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	34579	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	50027	54.83	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.66%			
35) Dibromofluoromethane	5.397	113	35212	52.93	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.86%			
50) Toluene-d8	8.653	98	138808	53.24	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.48%			
62) 4-Bromofluorobenzene	11.085	95	45220	46.47	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.94%			
Target Compounds					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.337	101	231	0.35	ug/l #	46
10) Methyl Iodide	2.465	142	28	3.91	ug/l #	42
11) Tert butyl alcohol	2.965	59	954	5.02	ug/l #	73
16) Acetone	2.386	43	365	0.90	ug/l #	40
17) Carbon Disulfide	2.514	76	21	3.53	ug/l #	75
18) Methyl Acetate	2.550	43	250	0.25	ug/l #	47
20) Methylene Chloride	2.806	84	496	0.99	ug/l #	66
31) Cyclohexane	5.562	56	1531	1.19	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	5151	4.63	ug/l #	49
38) Carbon Tetrachloride	5.568	117	5844	6.26	ug/l #	17
39) Methylcyclohexane	7.135	83	1128	0.87	ug/l #	1
44) Trichloroethene	7.135	130	79525	104.51	ug/l	94
76) 1,2,3-Trichloropropane	11.085	75	25304	27.70	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	25304	71.60	ug/l #	12

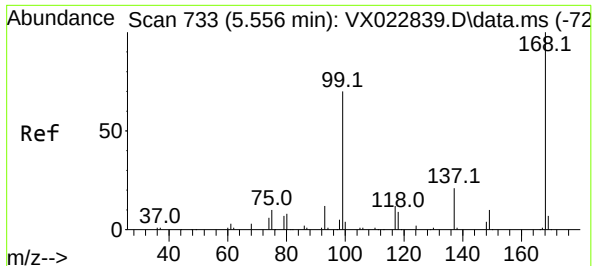
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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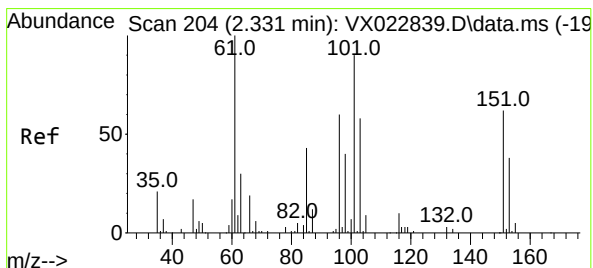
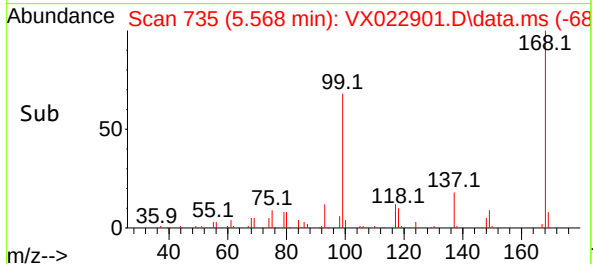
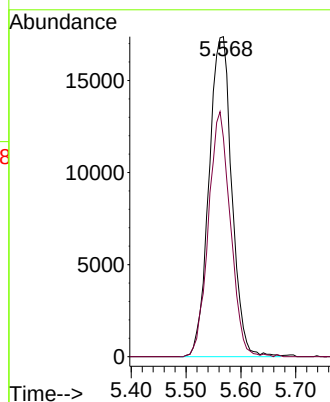
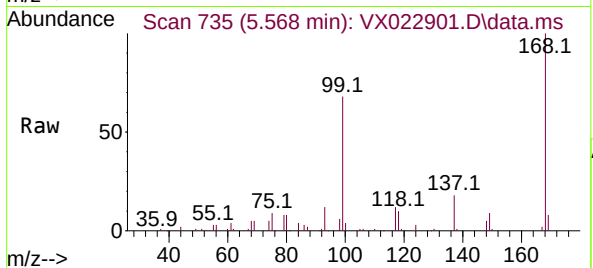




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.012 min
Lab File: VX022901.D
Acq: 25 Jun 2021 05:07

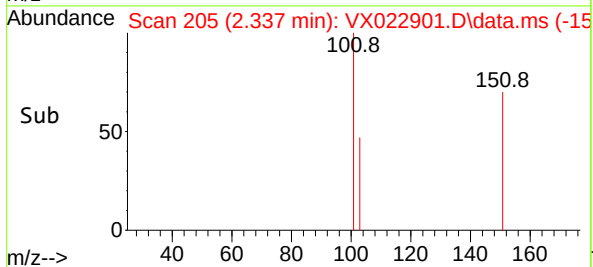
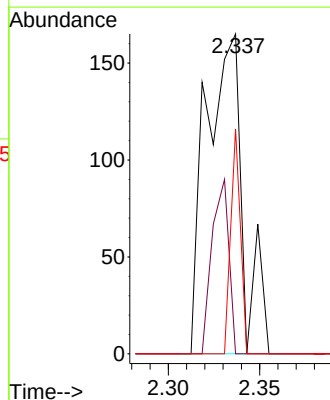
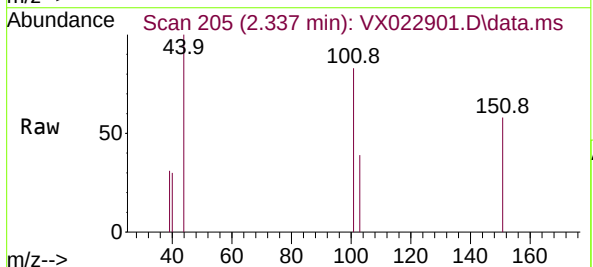
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20210622

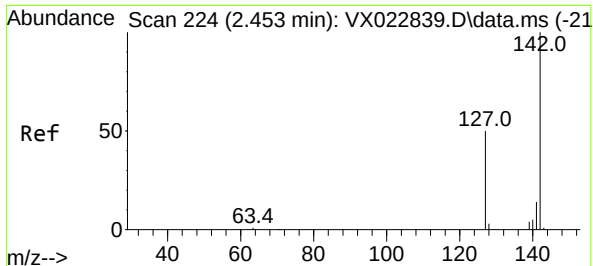
Tgt Ion:168 Resp: 50273
Ion Ratio Lower Upper
168 100
99 68.4 45.8 68.6



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.35 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.006 min
Lab File: VX022901.D
Acq: 25 Jun 2021 05:07

Tgt Ion:101 Resp: 231
Ion Ratio Lower Upper
101 100
85 24.7 34.9 52.3#
151 18.2 61.4 92.2#

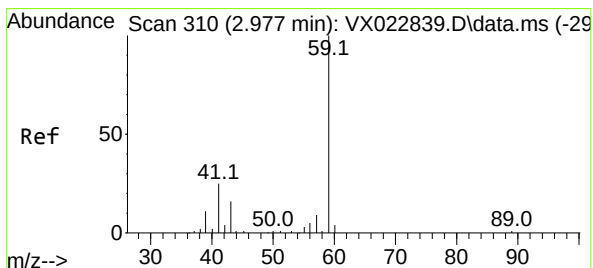
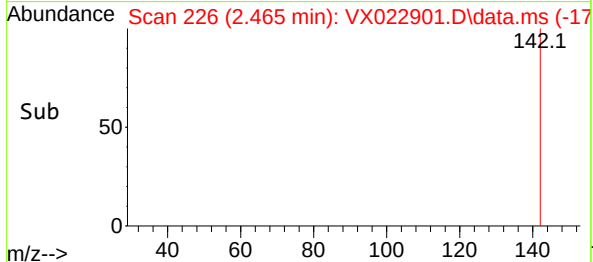
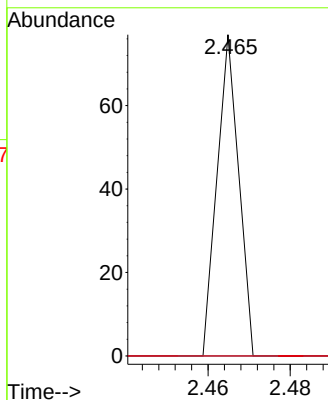
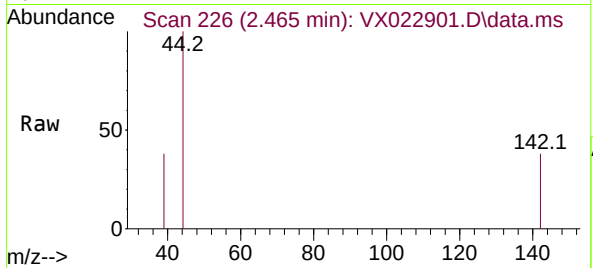




#10
Methyl Iodide
Concen: 3.91 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX022901.D
Acq: 25 Jun 2021 05:07

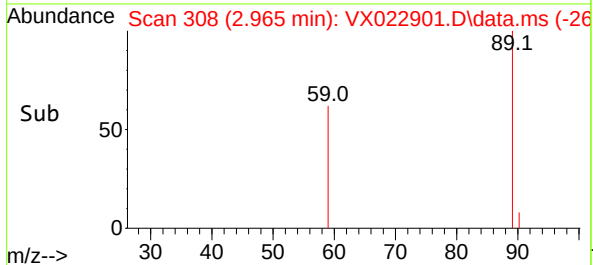
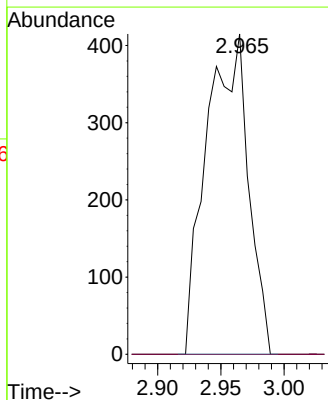
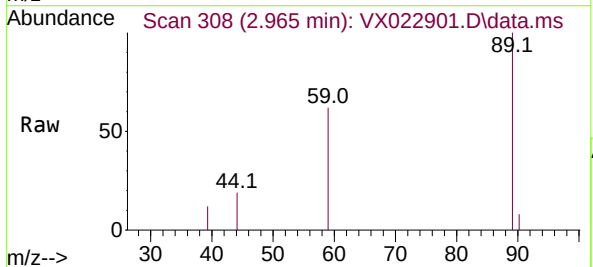
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20210622

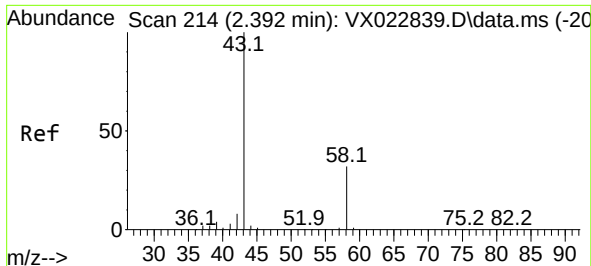
Tgt Ion:142 Resp: 28
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 5.02 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX022901.D
Acq: 25 Jun 2021 05:07

Tgt Ion: 59 Resp: 954
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

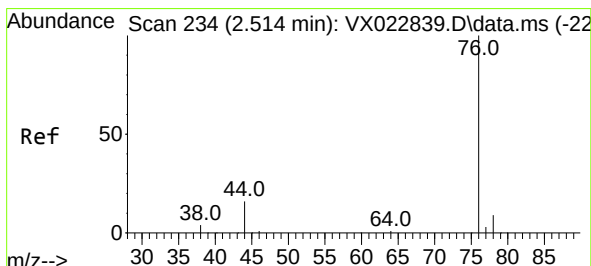
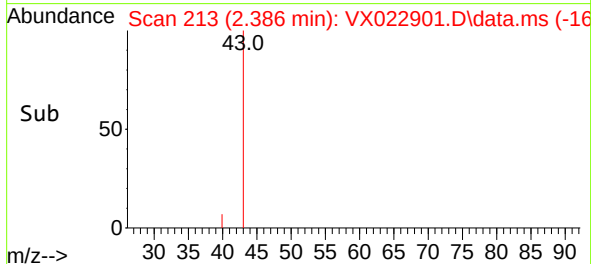
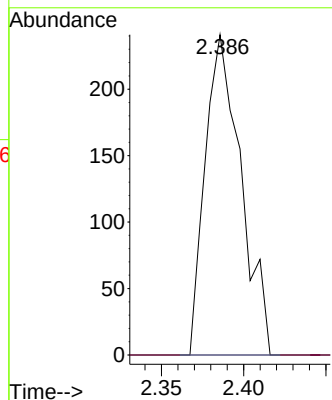
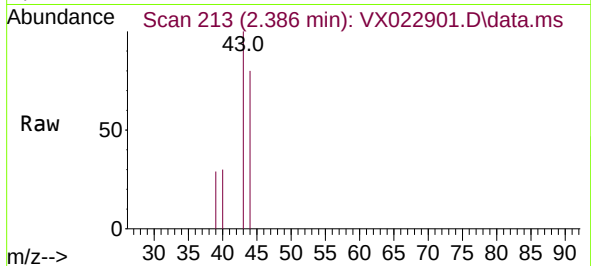




#16
Acetone
Concen: 0.90 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022901.D
Acq: 25 Jun 2021 05:07

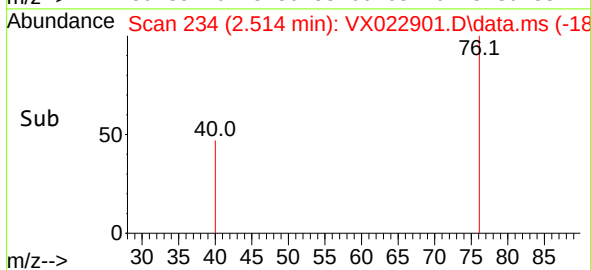
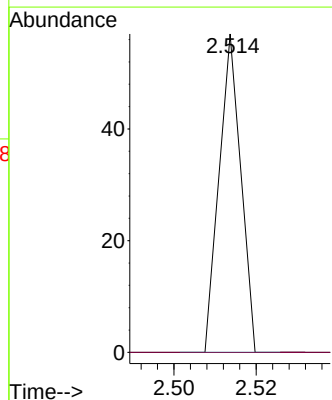
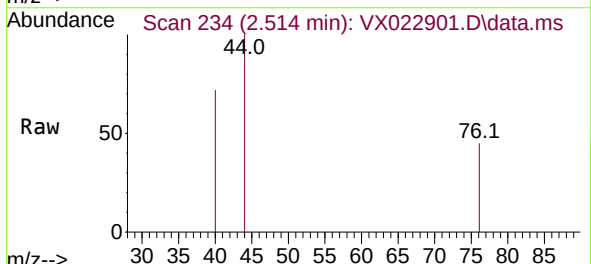
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20210622

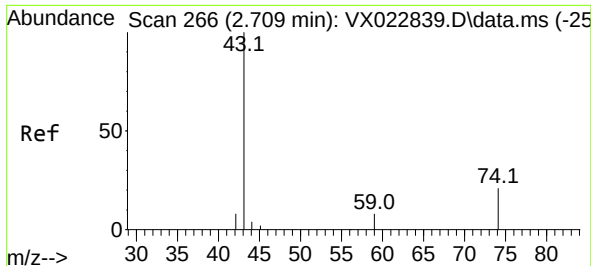
Tgt Ion: 43 Resp: 365
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#



#17
Carbon Disulfide
Concen: 3.53 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022901.D
Acq: 25 Jun 2021 05:07

Tgt Ion: 76 Resp: 21
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

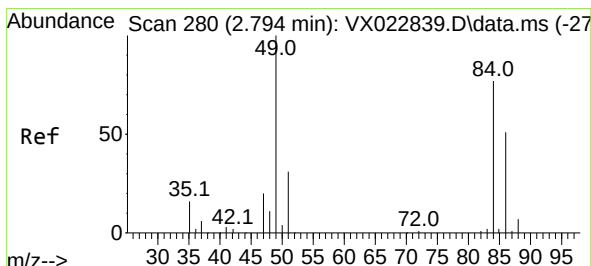
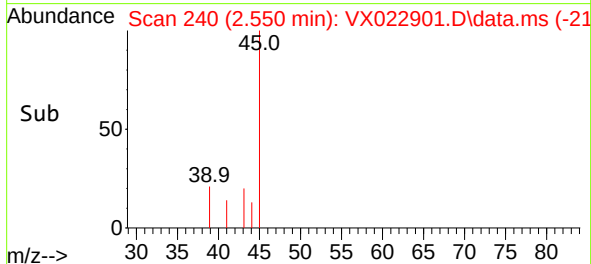
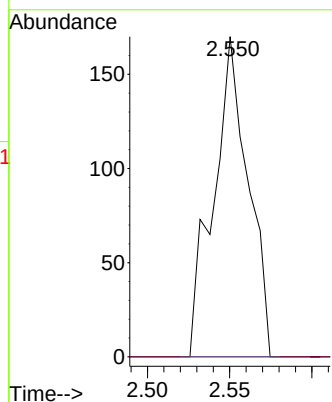
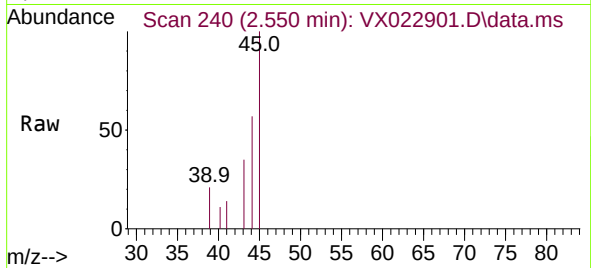




#18
Methyl Acetate
Concen: 0.25 ug/l
RT: 2.550 min Scan# 240
Delta R.T. -0.159 min
Lab File: VX022901.D
Acq: 25 Jun 2021 05:07

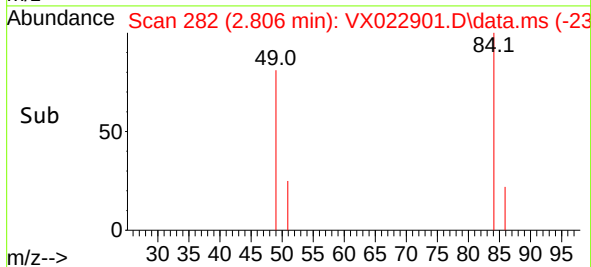
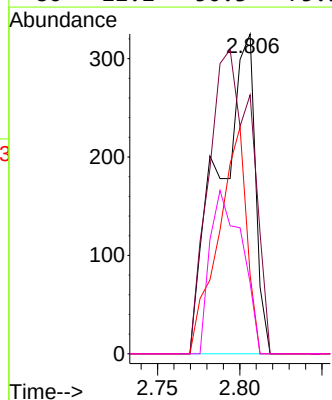
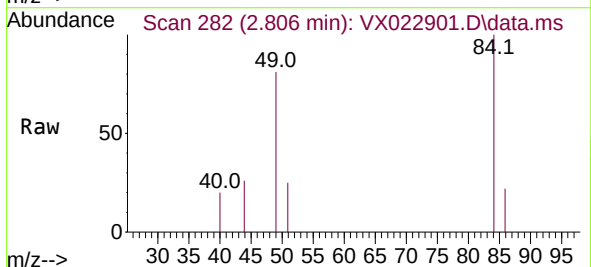
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20210622

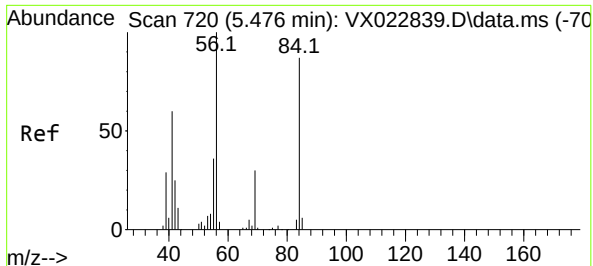
Tgt Ion: 43 Resp: 250
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#20
Methylene Chloride
Concen: 0.99 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.012 min
Lab File: VX022901.D
Acq: 25 Jun 2021 05:07

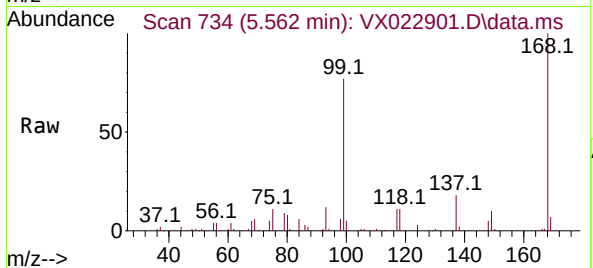
Tgt Ion: 84 Resp: 496
Ion Ratio Lower Upper
84 100
49 80.9 88.6 132.8#
51 24.6 27.0 40.6#
86 22.2 50.3 75.5#



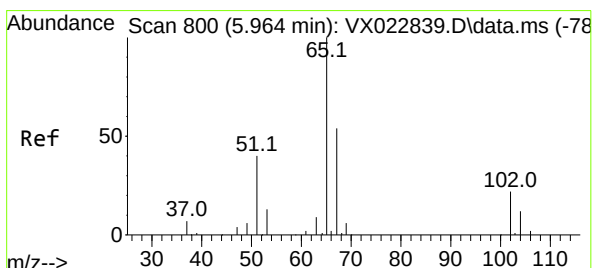
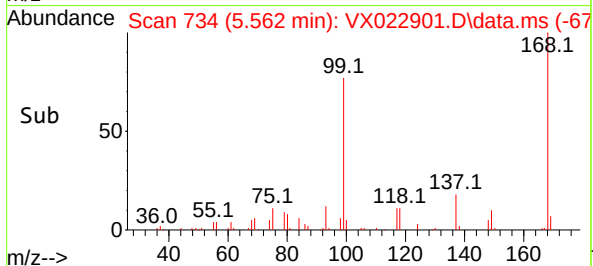
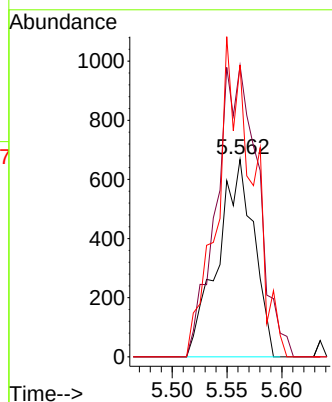


#31
Cyclohexane
Concen: 1.19 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.086 min
Lab File: VX022901.D
Acq: 25 Jun 2021 05:07

Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20210622

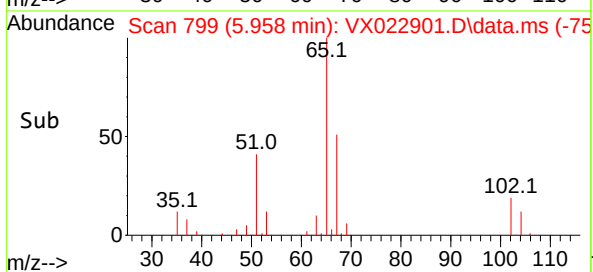
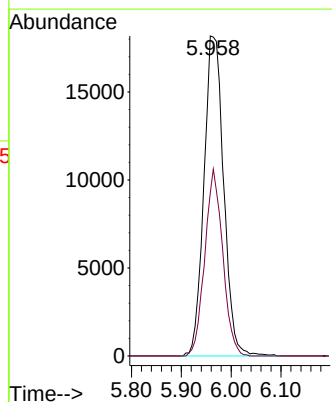
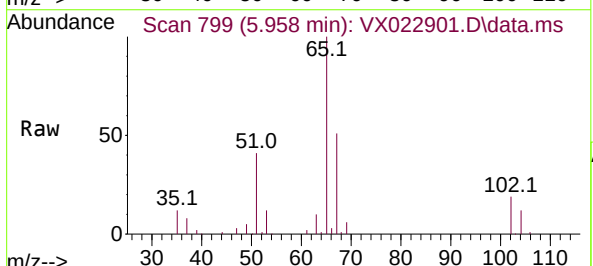


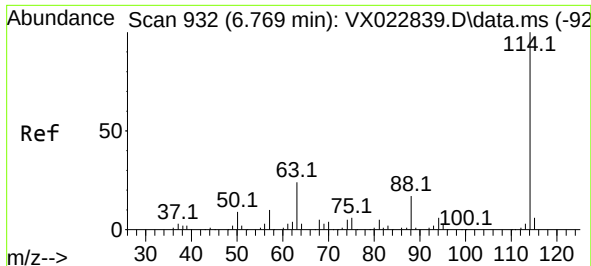
Tgt Ion: 56 Resp: 1531
Ion Ratio Lower Upper
56 100
69 147.6 25.3 37.9#
84 147.8 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 54.83 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX022901.D
Acq: 25 Jun 2021 05:07

Tgt Ion: 65 Resp: 50027
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.4

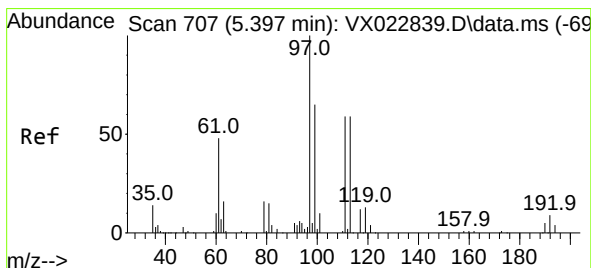
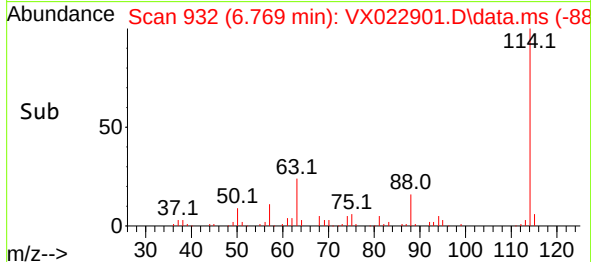
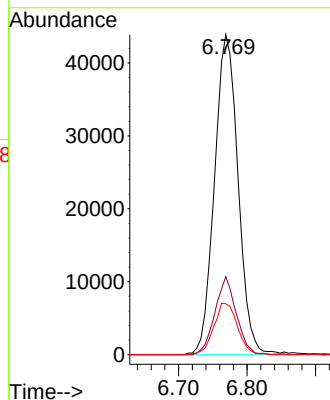
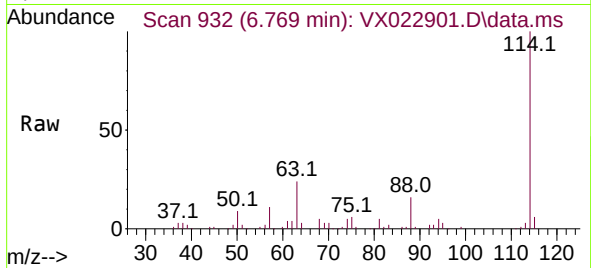




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022901.D
Acq: 25 Jun 2021 05:07

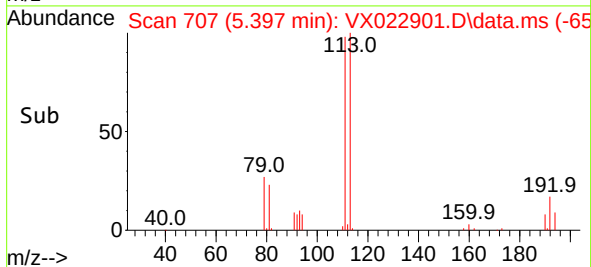
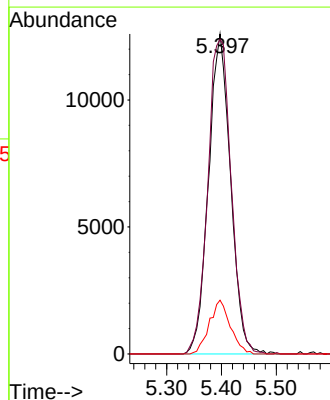
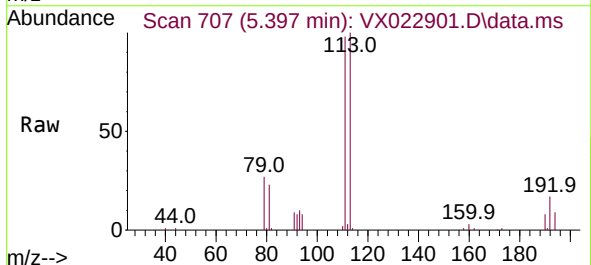
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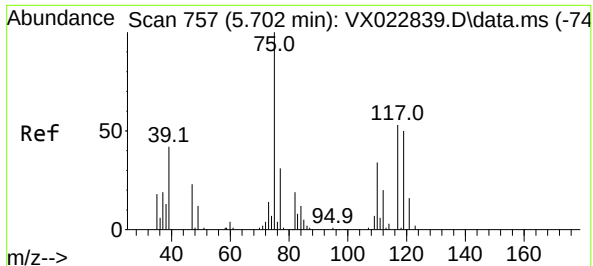
Tgt Ion:114 Resp: 104767
Ion Ratio Lower Upper
114 100
63 24.4 0.0 40.8
88 15.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.93 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX022901.D
Acq: 25 Jun 2021 05:07

Tgt Ion:113 Resp: 35212
Ion Ratio Lower Upper
113 100
111 104.6 81.9 122.9
192 16.0 16.7 25.1#





#36

1,1-Dichloropropene

Concen: 4.63 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX022901.D

Acq: 25 Jun 2021 05:07

Tgt Ion: 75 Resp: 5151

Ion Ratio Lower Upper

75 100

110 9.8 18.1 54.4#

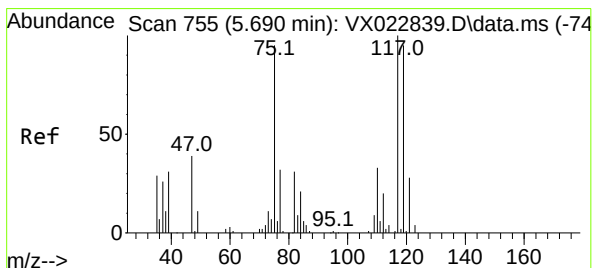
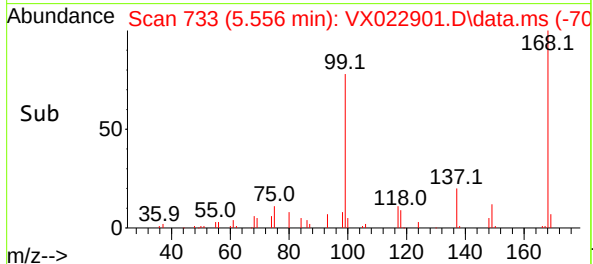
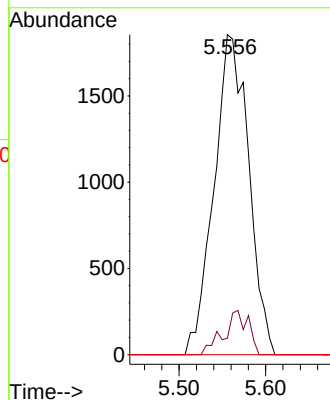
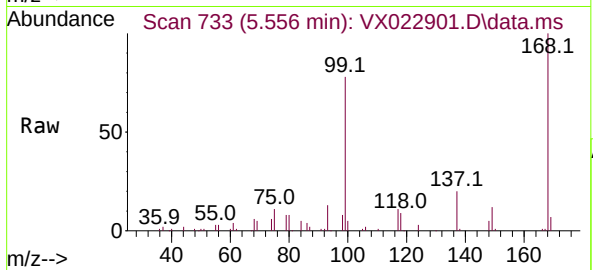
77 0.0 25.3 37.9#

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20210622



#38

Carbon Tetrachloride

Concen: 6.26 ug/l

RT: 5.568 min Scan# 735

Delta R.T. -0.122 min

Lab File: VX022901.D

Acq: 25 Jun 2021 05:07

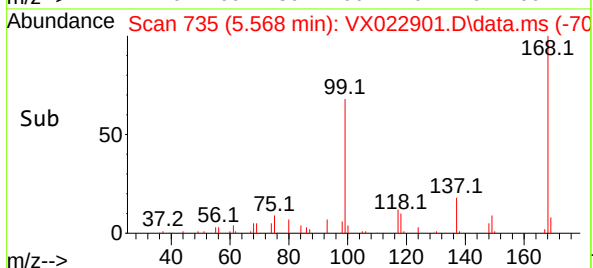
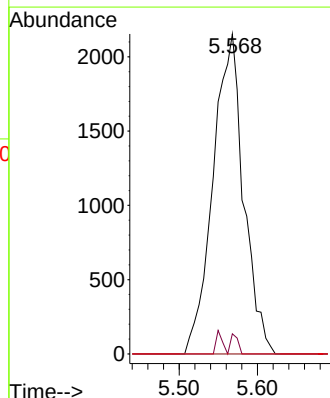
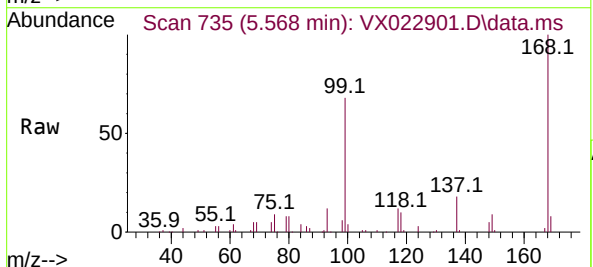
Tgt Ion: 117 Resp: 5844

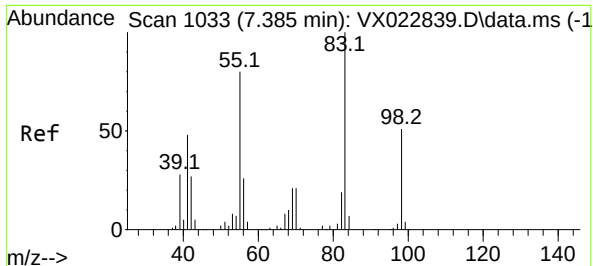
Ion Ratio Lower Upper

117 100

119 6.3 76.2 114.2#

121 0.0 24.8 37.2#





#39

Methylcyclohexane

Concen: 0.87 ug/l

RT: 7.135 min Scan# 992

Delta R.T. -0.250 min

Lab File: VX022901.D

Acq: 25 Jun 2021 05:07

Tgt Ion: 83 Resp: 1128

Ion Ratio Lower Upper

83 100

55 0.0 58.9 88.3#

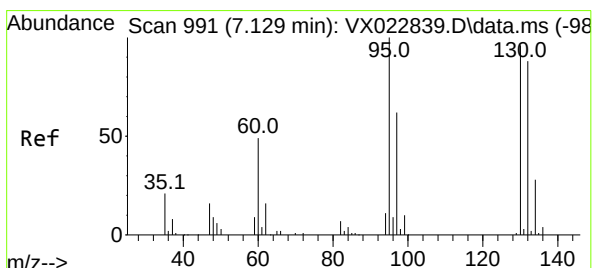
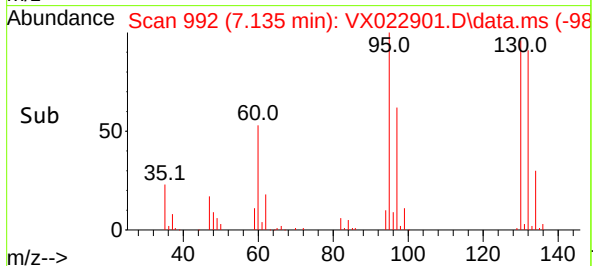
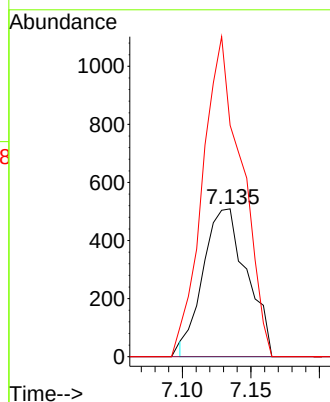
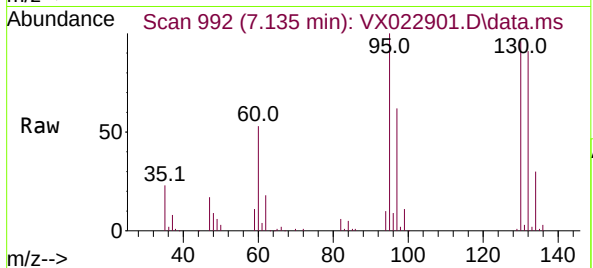
98 156.6 38.1 57.1#

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20210622



#44

Trichloroethene

Concen: 104.51 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.006 min

Lab File: VX022901.D

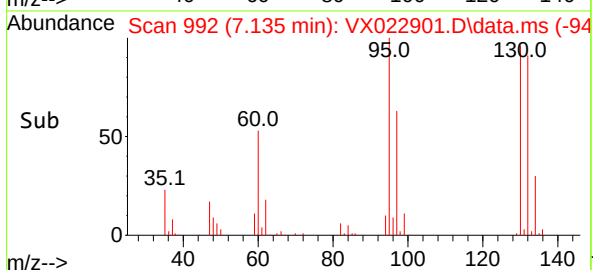
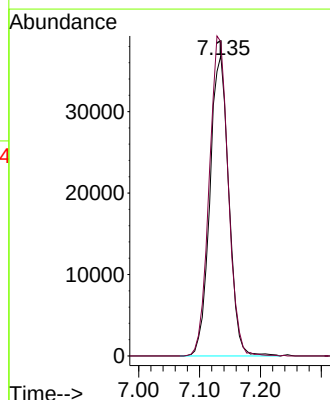
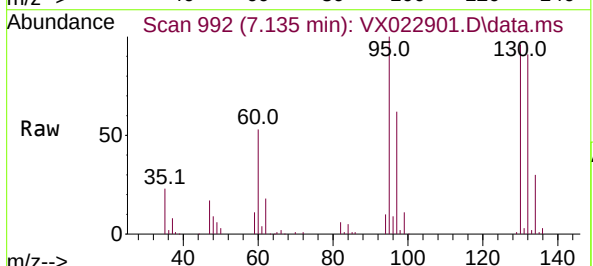
Acq: 25 Jun 2021 05:07

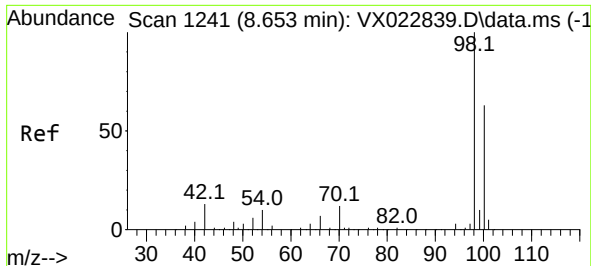
Tgt Ion:130 Resp: 79525

Ion Ratio Lower Upper

130 100

95 104.6 0.0 198.0

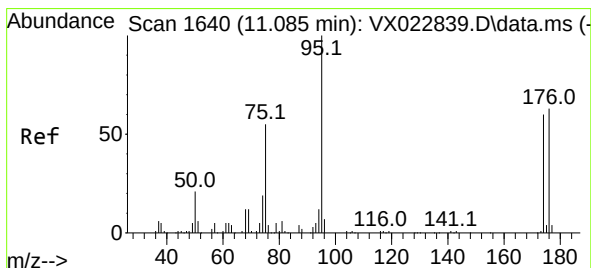
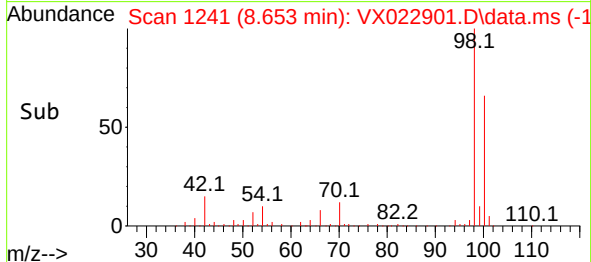
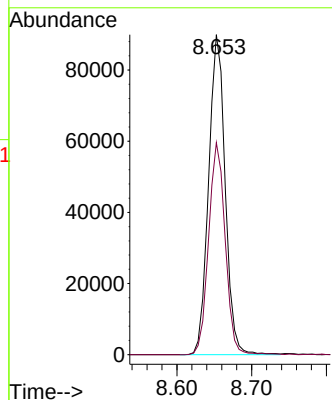
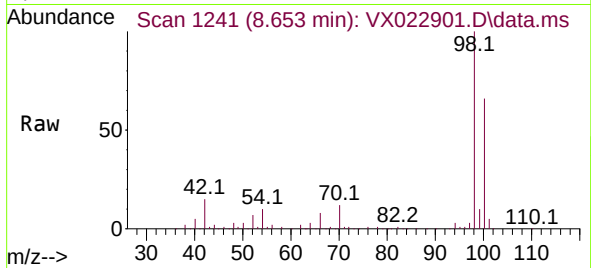




#50
Toluene-d8
Concen: 53.24 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022901.D
Acq: 25 Jun 2021 05:07

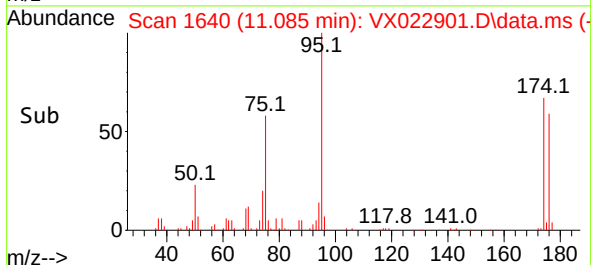
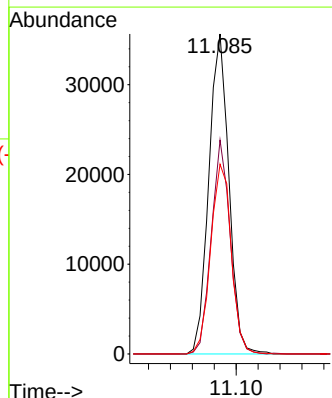
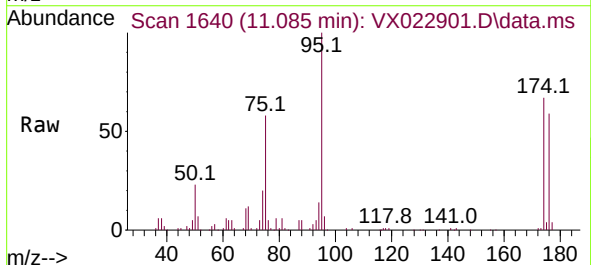
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20210622

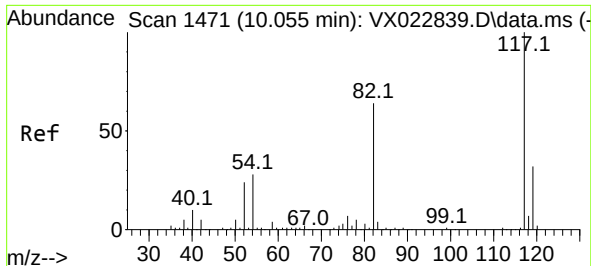
Tgt Ion: 98 Resp: 138808
Ion Ratio Lower Upper
98 100
100 66.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 46.47 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022901.D
Acq: 25 Jun 2021 05:07

Tgt Ion: 95 Resp: 45220
Ion Ratio Lower Upper
95 100
174 63.2 0.0 154.6
176 61.1 0.0 155.8

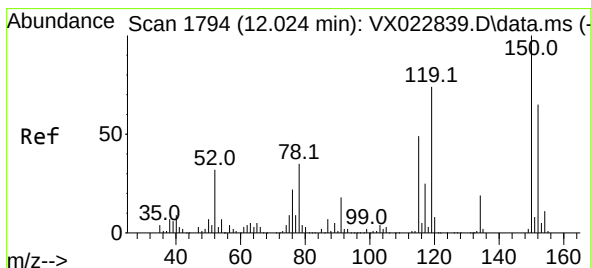
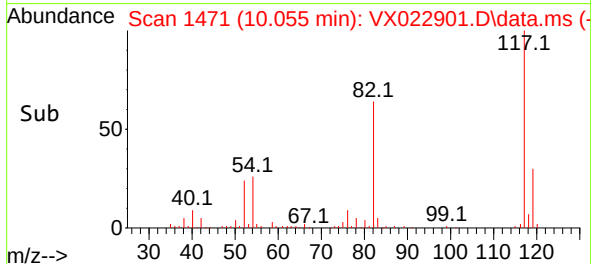
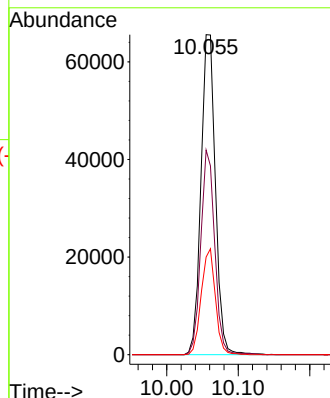
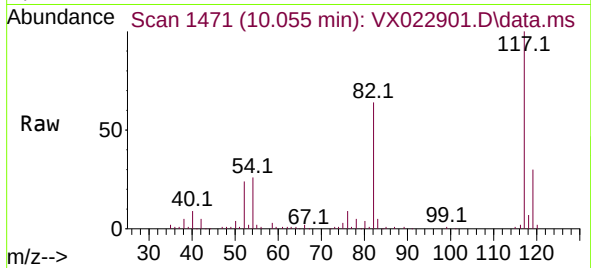




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX022901.D
Acq: 25 Jun 2021 05:07

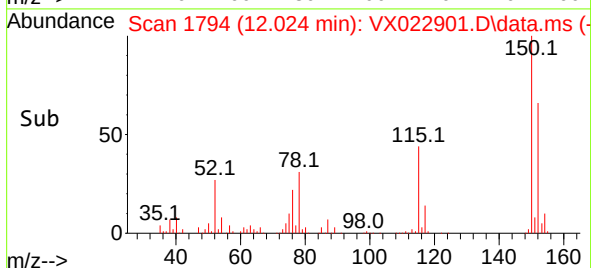
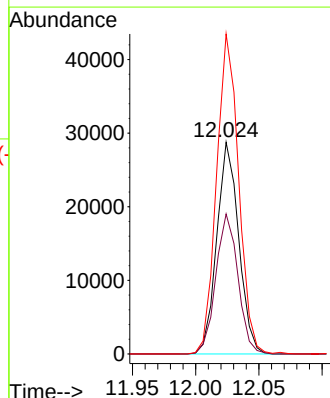
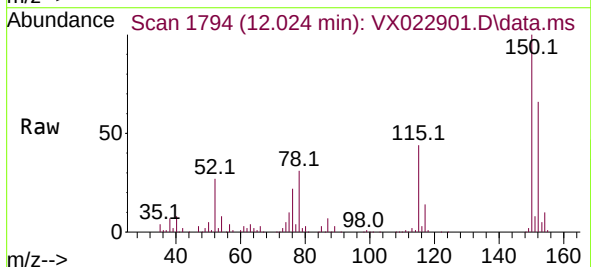
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20210622

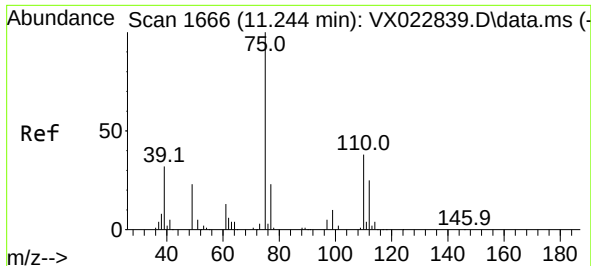
Tgt Ion:117 Resp: 91984
Ion Ratio Lower Upper
117 100
82 64.0 47.4 71.2
119 30.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022901.D
Acq: 25 Jun 2021 05:07

Tgt Ion:152 Resp: 34579
Ion Ratio Lower Upper
152 100
115 66.7 41.1 123.3
150 152.5 0.0 349.0

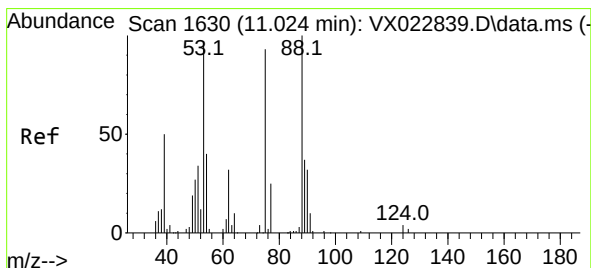
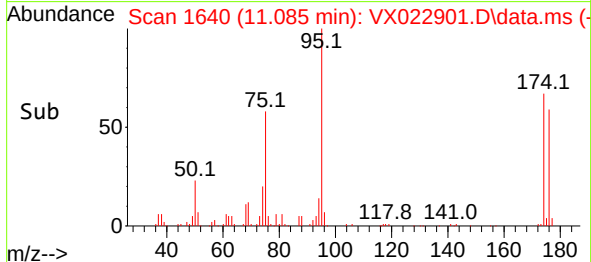
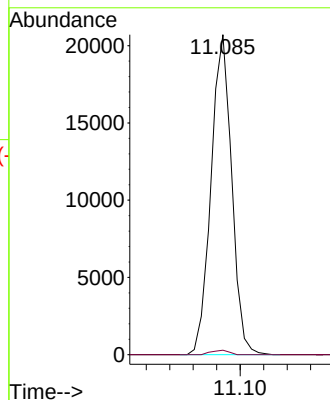
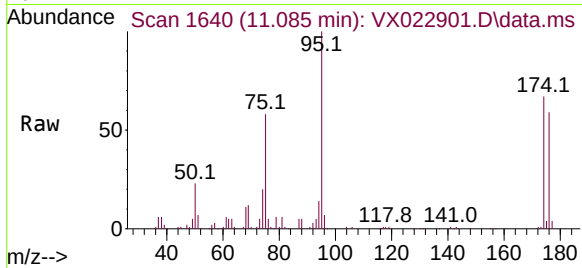




#76
1,2,3-Trichloropropane
Concen: 27.70 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022901.D
Acq: 25 Jun 2021 05:07

Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20210622

Tgt Ion: 75 Resp: 25304
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.60 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022901.D
Acq: 25 Jun 2021 05:07

Tgt Ion: 75 Resp: 25304
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

