

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063021\
 Data File : VX023046.D
 Acq On : 30 Jun 2021 20:02
 Operator : JC/MD
 Sample : M2898-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

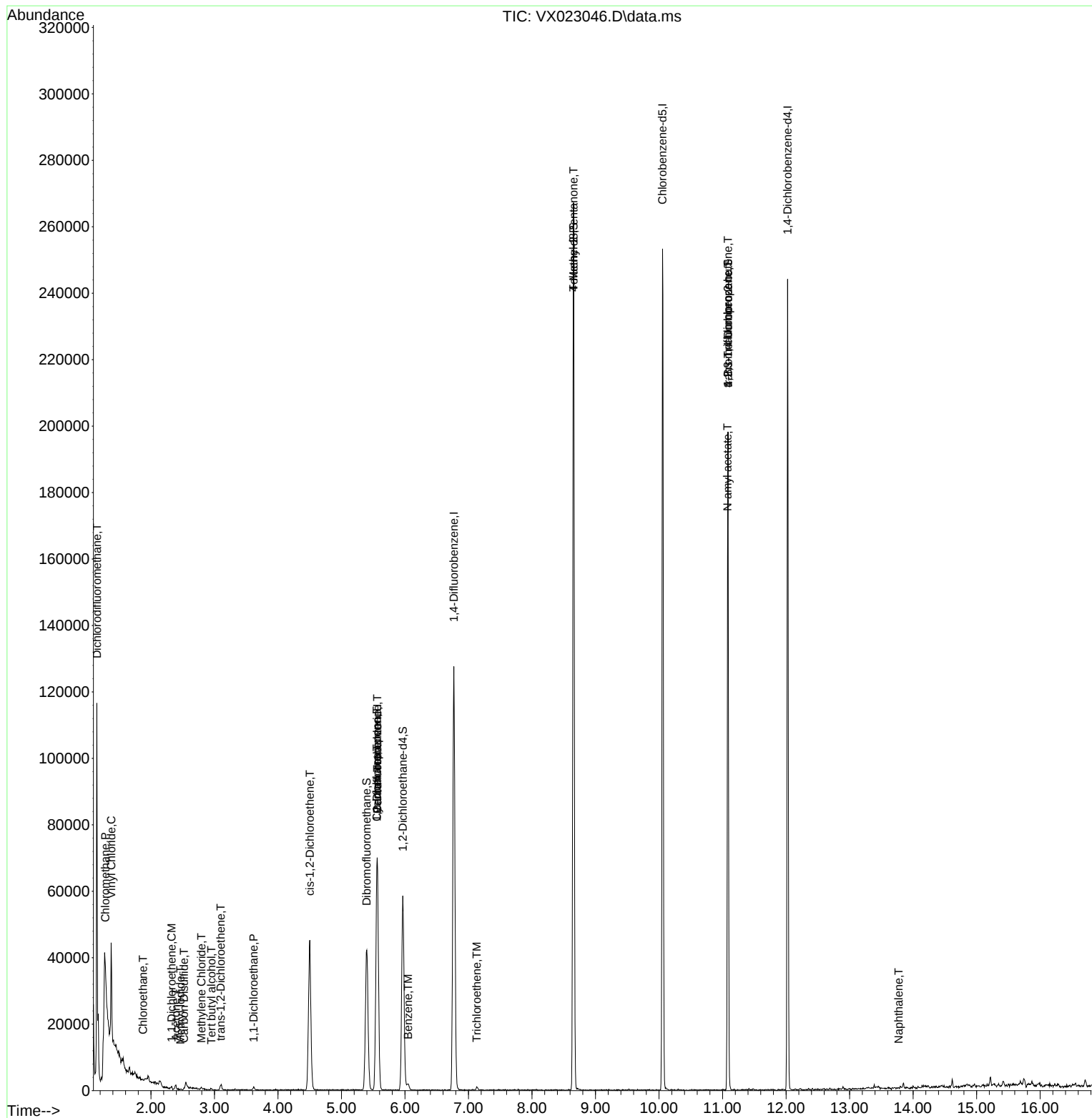
Quant Time: Jul 01 03:28:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

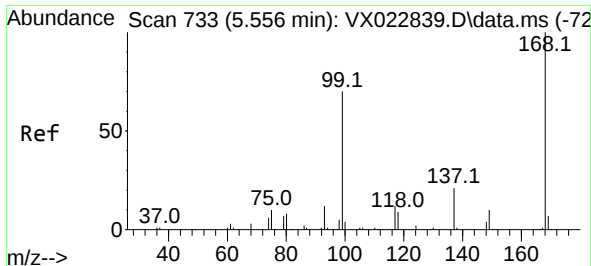
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	56329	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	115534	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	103990	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	41929	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	52771	51.622	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.240%	
35) Dibromofluoromethane	5.397	113	36538	49.802	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.600%	
50) Toluene-d8	8.653	98	143186	49.797	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.600%	
62) 4-Bromofluorobenzene	11.085	95	51476	47.969	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.940%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.148	85	5111	6.431	ug/l	95
3) Chloromethane	1.282	50	2843	3.258	ug/l	# 42
4) Vinyl Chloride	1.374	62	14633	18.171	ug/l	# 82
6) Chloroethane	1.874	64	324	0.651	ug/l	# 43
10) Methyl Iodide	2.465	142	19	3.899	ug/l	# 42
11) Tert butyl alcohol	2.953	59	124	0.582	ug/l	# 73
12) 1,1-Dichloroethene	2.325	96	231	0.316	ug/l	# 51
16) Acetone	2.392	43	1494	3.297	ug/l	# 82
17) Carbon Disulfide	2.520	76	311	3.661	ug/l	# 75
20) Methylene Chloride	2.794	84	281	0.683	ug/l	# 75
21) trans-1,2-Dichloroethene	3.099	96	624	0.770	ug/l	89
24) 1,1-Dichloroethane	3.617	63	993	0.644	ug/l	# 81
27) cis-1,2-Dichloroethene	4.501	96	25156	27.959	ug/l	95
31) Cyclohexane	5.556	56	1868	1.294	ug/l	# 57
36) 1,1-Dichloropropene	5.556	75	6316	5.147	ug/l	# 44
38) Carbon Tetrachloride	5.562	117	7246	7.040	ug/l	# 17
40) Benzene	6.050	78	2144	0.606	ug/l	94
44) Trichloroethene	7.129	130	408	0.486	ug/l	97
51) 4-Methyl-2-Pentanone	8.653	43	900	0.633	ug/l	# 1
74) N-amyl acetate	11.079	43	117	2.111	ug/l	# 1
76) 1,2,3-Trichloropropane	11.085	75	28958	26.147	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	28958	67.939	ug/l	# 12
95) Naphthalene	13.774	128	43	1.935	ug/l	# 69

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

Quant Time: Jul 01 03:28:20 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

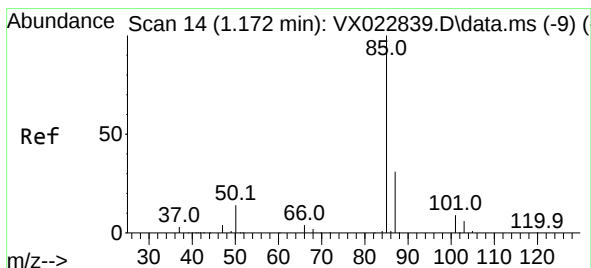
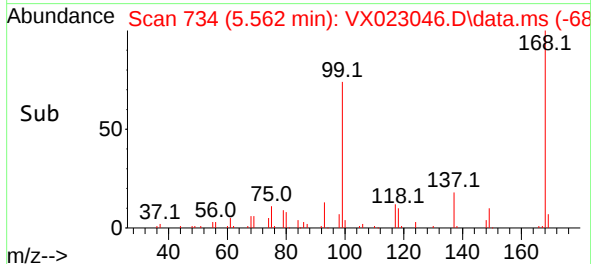
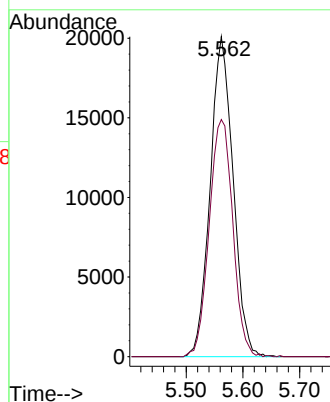
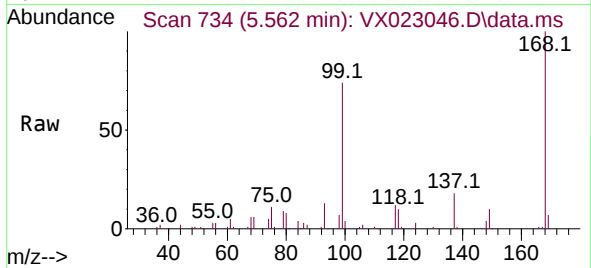




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX023046.D
Acq: 30 Jun 2021 20:02

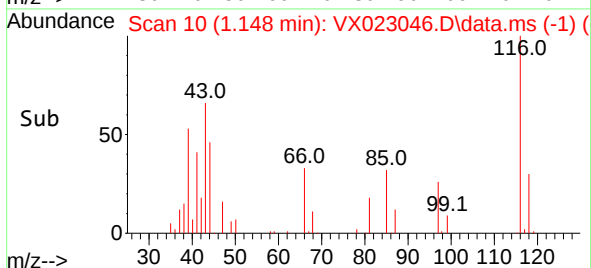
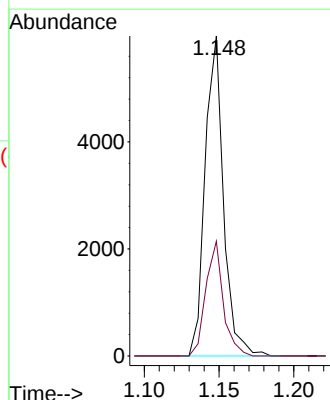
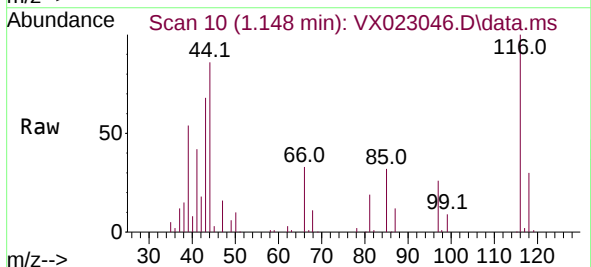
Instrument :
MSVOA_X
ClientSampled :

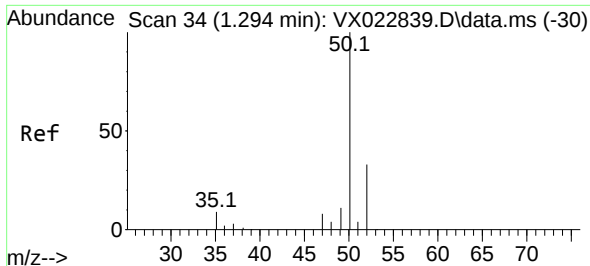
Tgt Ion:168 Resp: 56329
Ion Ratio Lower Upper
168 100
99 74.1 45.8 68.6#



#2
Dichlorodifluoromethane
Concen: 6.431 ug/l
RT: 1.148 min Scan# 10
Delta R.T. -0.024 min
Lab File: VX023046.D
Acq: 30 Jun 2021 20:02

Tgt Ion: 85 Resp: 5111
Ion Ratio Lower Upper
85 100
87 35.9 16.4 49.2

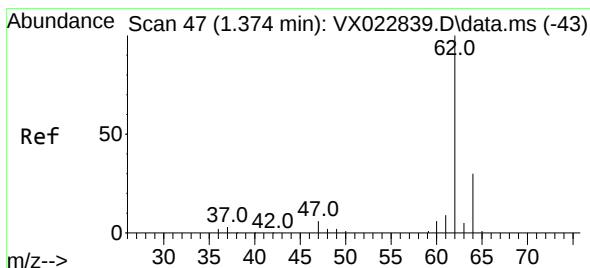
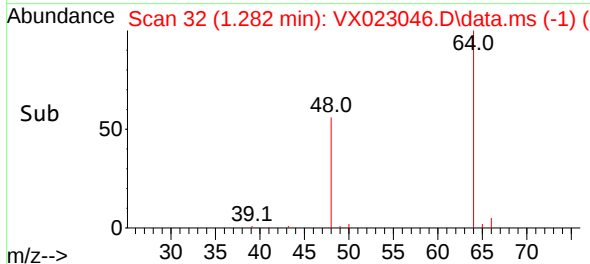
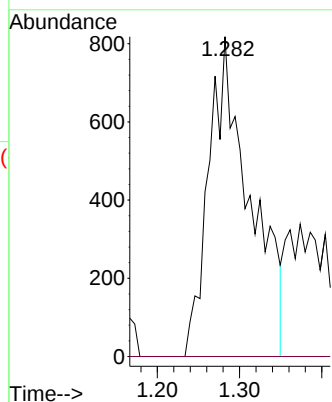
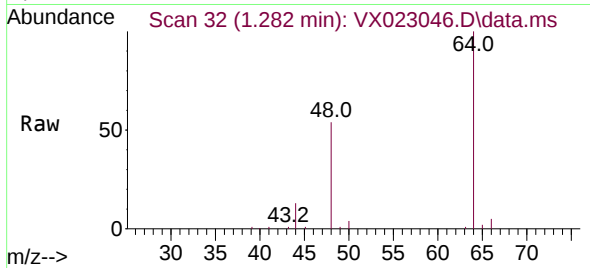




#3
Chloromethane
Concen: 3.258 ug/l
RT: 1.282 min Scan# 32
Delta R.T. -0.012 min
Lab File: VX023046.D
Acq: 30 Jun 2021 20:02

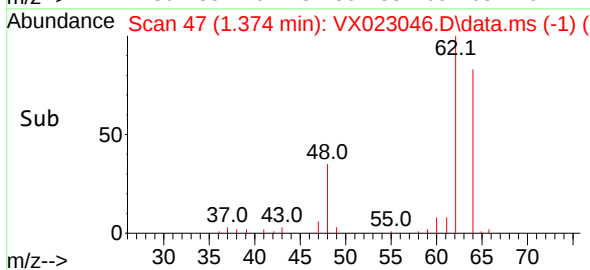
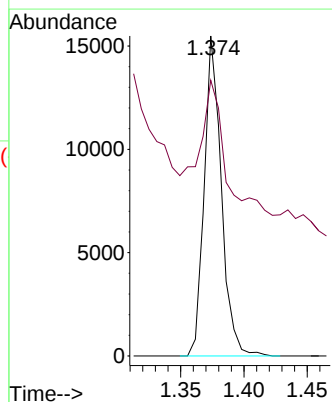
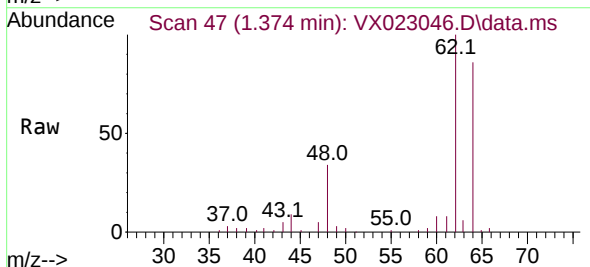
Instrument :
MSVOA_X
ClientSampled :

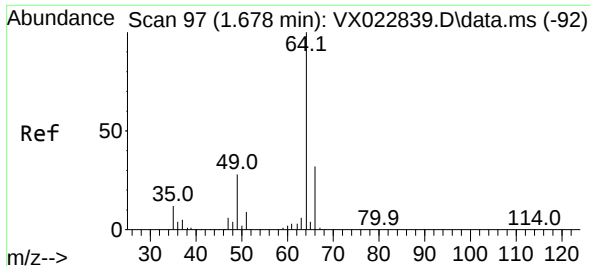
Tgt Ion: 50 Resp: 2843
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#



#4
Vinyl Chloride
Concen: 18.171 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX023046.D
Acq: 30 Jun 2021 20:02

Tgt Ion: 62 Resp: 14633
Ion Ratio Lower Upper
62 100
64 42.1 25.7 38.5#

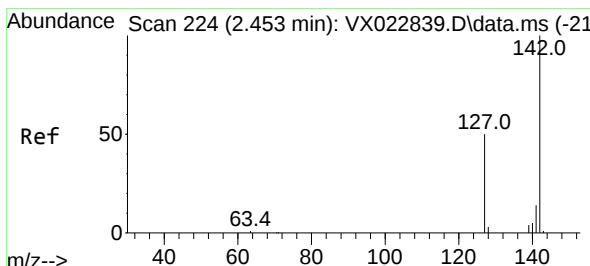
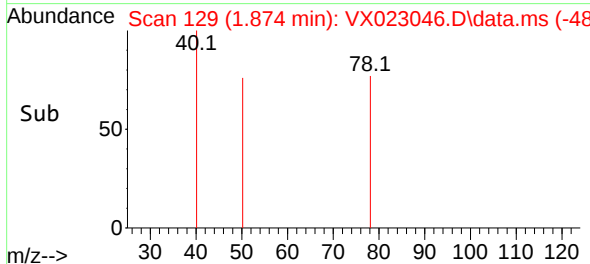
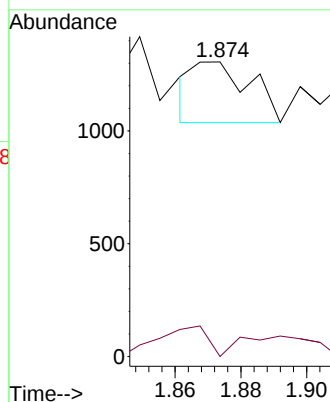
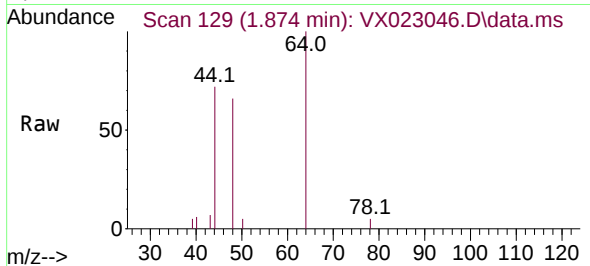




#6
Chloroethane
Concen: 0.651 ug/l
RT: 1.874 min Scan# 129
Delta R.T. 0.196 min
Lab File: VX023046.D
Acq: 30 Jun 2021 20:02

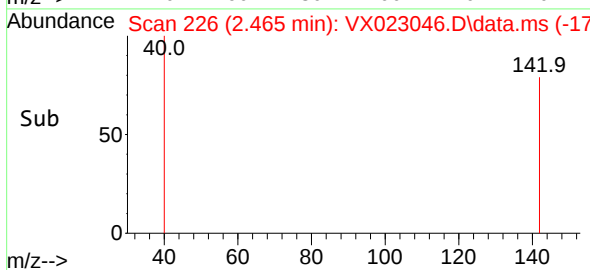
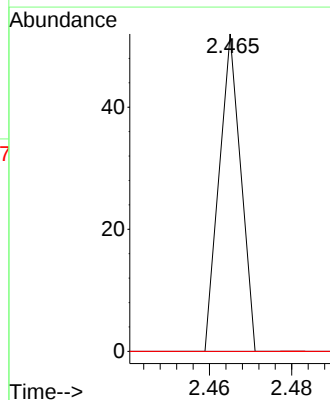
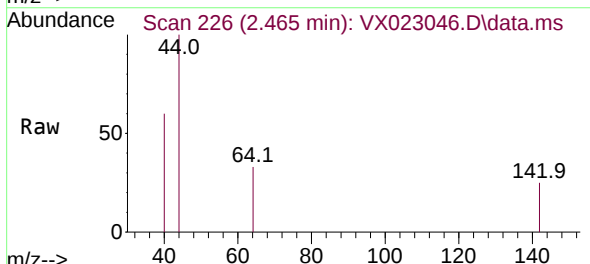
Instrument :
MSVOA_X
ClientSampled :

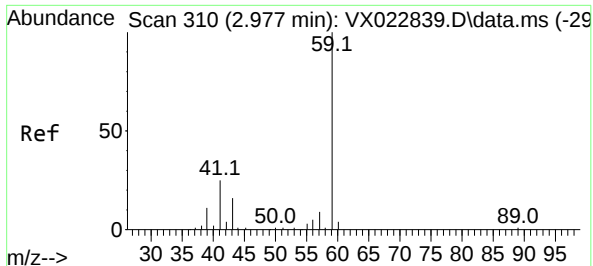
Tgt Ion: 64 Resp: 324
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#10
Methyl Iodide
Concen: 3.899 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX023046.D
Acq: 30 Jun 2021 20:02

Tgt Ion: 142 Resp: 19
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



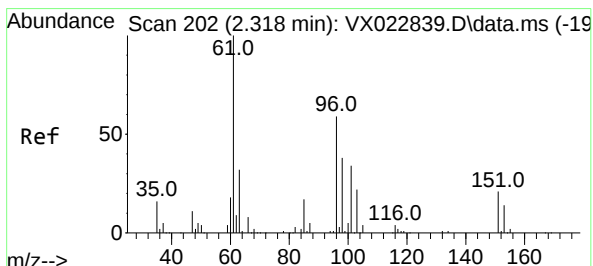
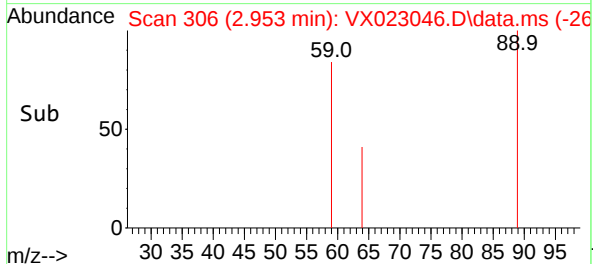
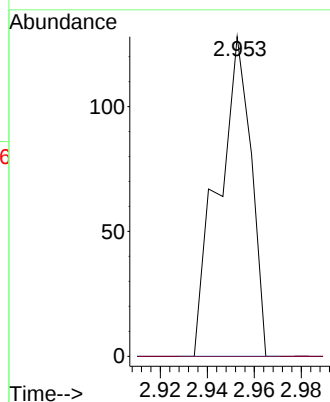
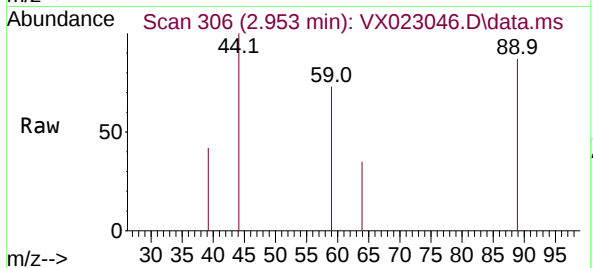


#11

Tert butyl alcohol
Concen: 0.582 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.024 min
Lab File: VX023046.D
Acq: 30 Jun 2021 20:02

Instrument :
MSVOA_X
ClientSampled :

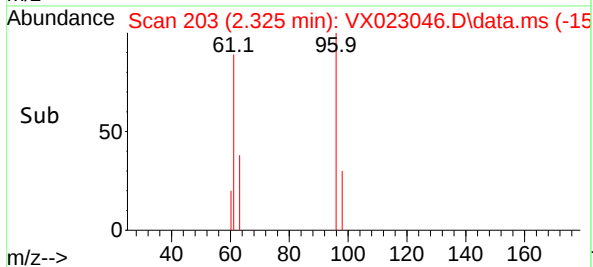
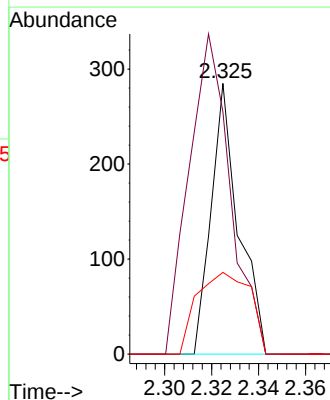
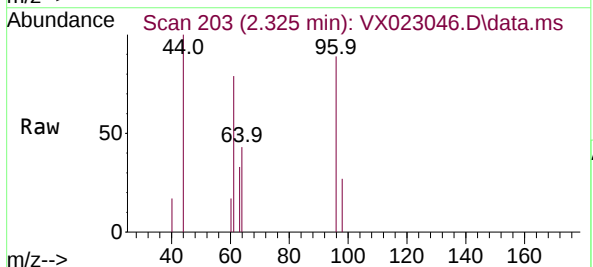
Tgt Ion: 59 Resp: 124
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

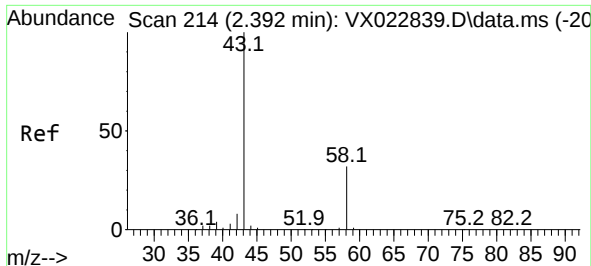


#12

1,1-Dichloroethene
Concen: 0.316 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.007 min
Lab File: VX023046.D
Acq: 30 Jun 2021 20:02

Tgt Ion: 96 Resp: 231
Ion Ratio Lower Upper
96 100
61 89.5 124.6 187.0#
98 30.2 50.6 76.0#

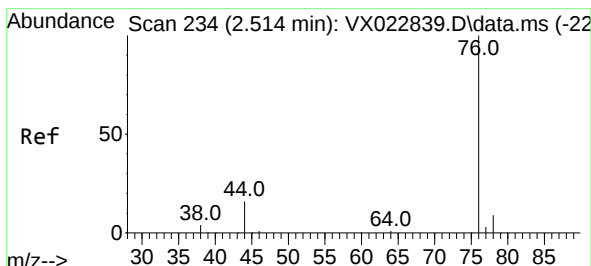
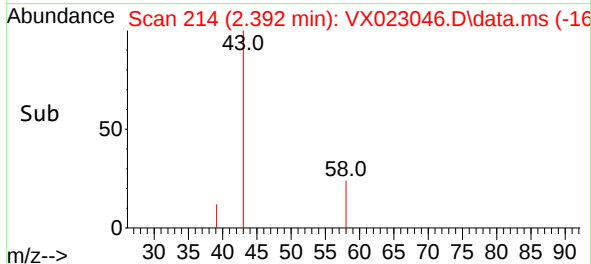
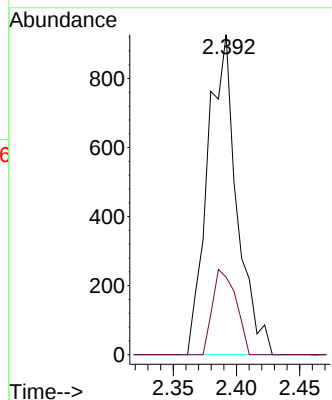
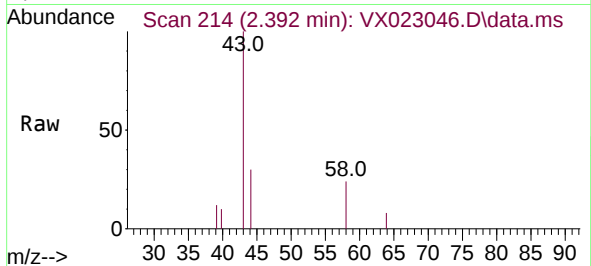




#16
Acetone
Concen: 3.297 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX023046.D
Acq: 30 Jun 2021 20:02

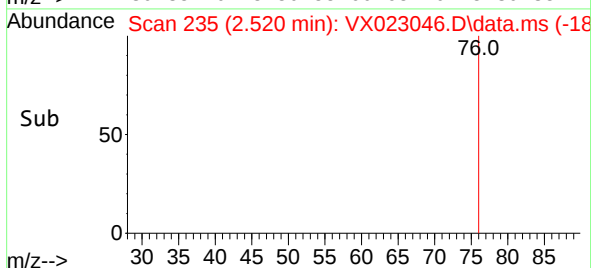
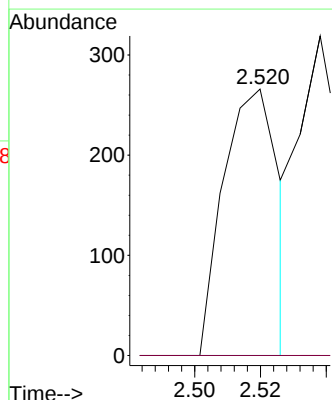
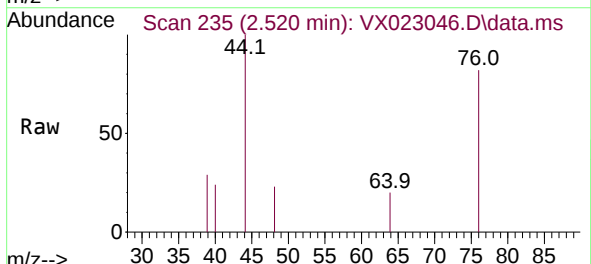
Instrument :
MSVOA_X
ClientSampled :

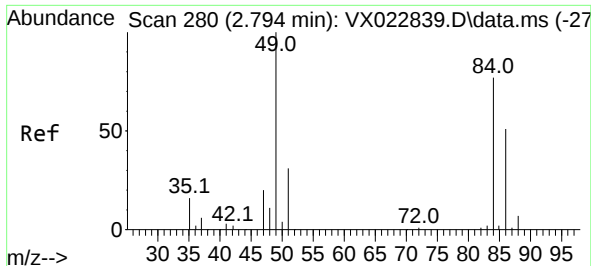
Tgt Ion: 43 Resp: 1494
Ion Ratio Lower Upper
43 100
58 24.2 27.8 41.8#



#17
Carbon Disulfide
Concen: 3.661 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX023046.D
Acq: 30 Jun 2021 20:02

Tgt Ion: 76 Resp: 311
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#20

Methylene Chloride

Concen: 0.683 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX023046.D

Acq: 30 Jun 2021 20:02

Tgt Ion: 84 Resp: 281

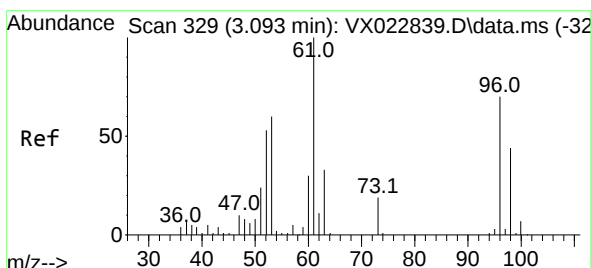
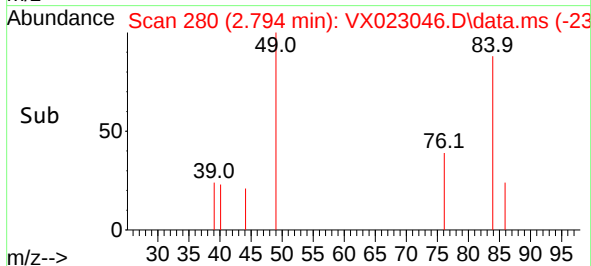
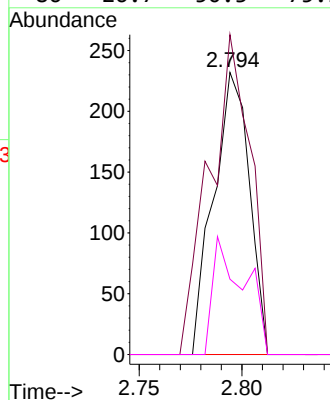
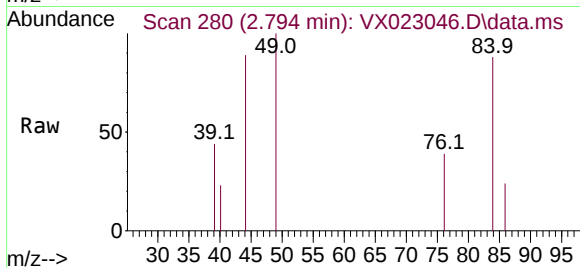
Ion Ratio Lower Upper

84 100

49 113.4 88.6 132.8

51 0.0 27.0 40.6#

86 26.7 50.3 75.5#



#21

trans-1,2-Dichloroethene

Concen: 0.770 ug/l

RT: 3.099 min Scan# 330

Delta R.T. 0.006 min

Lab File: VX023046.D

Acq: 30 Jun 2021 20:02

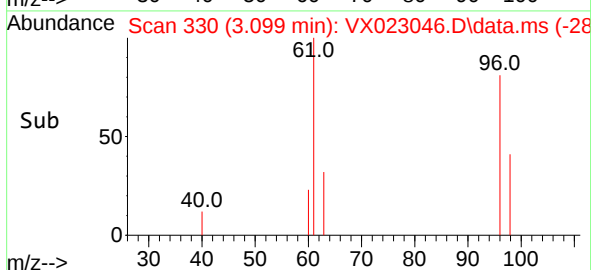
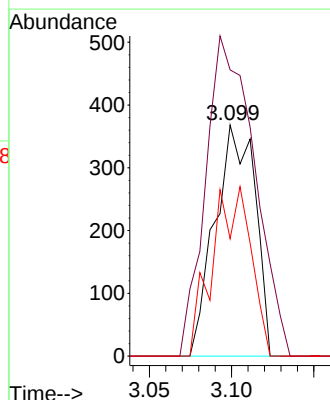
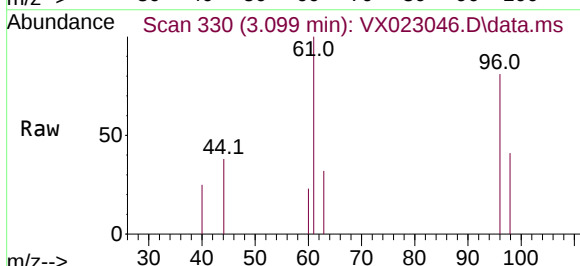
Tgt Ion: 96 Resp: 624

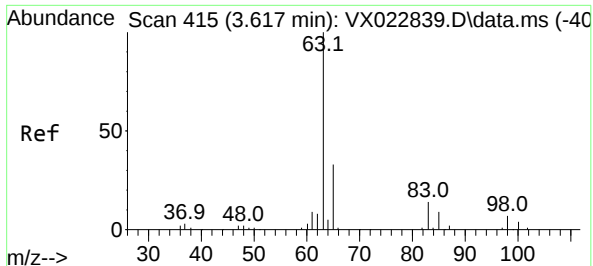
Ion Ratio Lower Upper

96 100

61 123.9 107.7 161.5

98 50.8 50.4 75.6

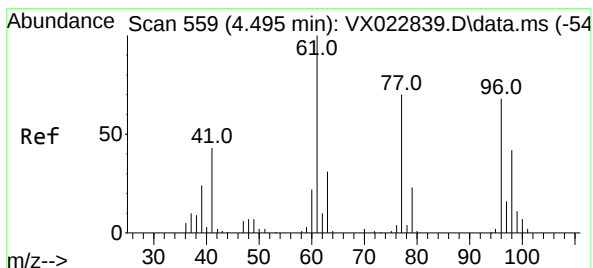
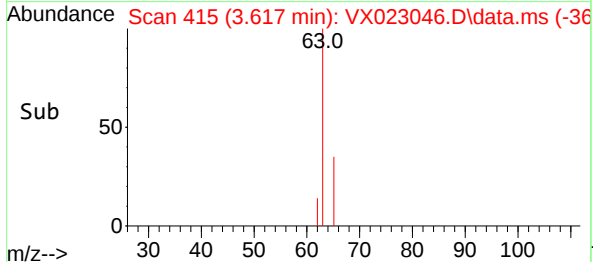
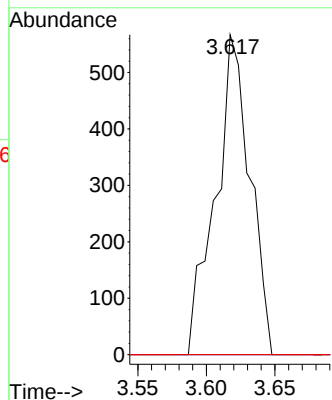
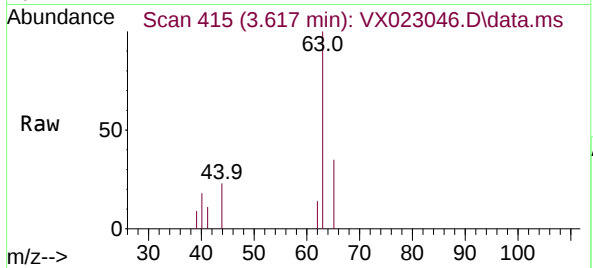




#24
1,1-Dichloroethane
Concen: 0.644 ug/l
RT: 3.617 min Scan# 415
Delta R.T. 0.000 min
Lab File: VX023046.D
Acq: 30 Jun 2021 20:02

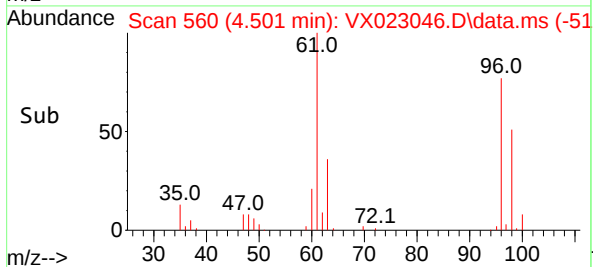
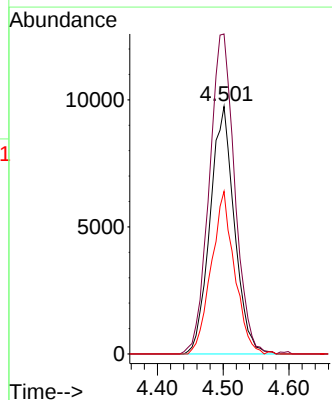
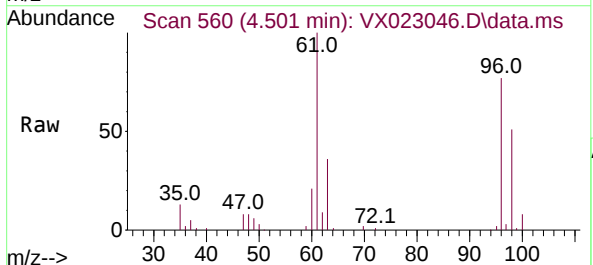
Instrument :
MSVOA_X
ClientSampled :

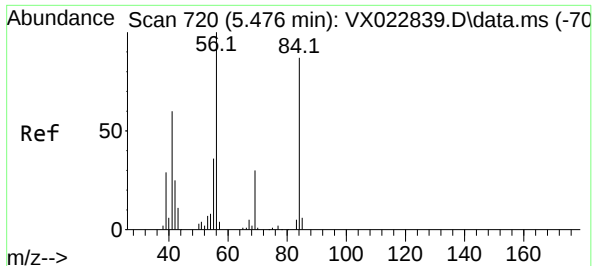
Tgt Ion: 63 Resp: 993
Ion Ratio Lower Upper
63 100
98 0.0 3.8 11.2#
100 0.0 2.5 7.5#



#27
cis-1,2-Dichloroethene
Concen: 27.959 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.006 min
Lab File: VX023046.D
Acq: 30 Jun 2021 20:02

Tgt Ion: 96 Resp: 25156
Ion Ratio Lower Upper
96 100
61 135.2 0.0 285.6
98 62.8 0.0 129.6

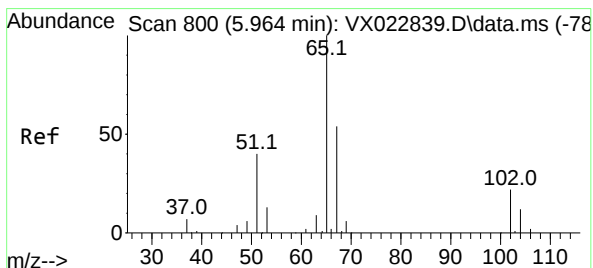
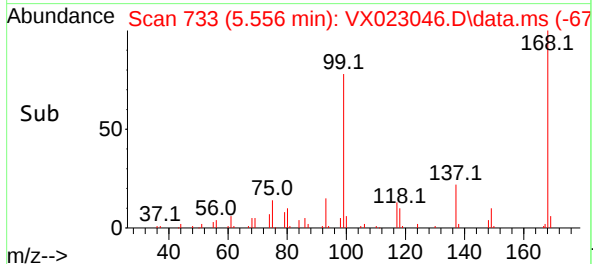
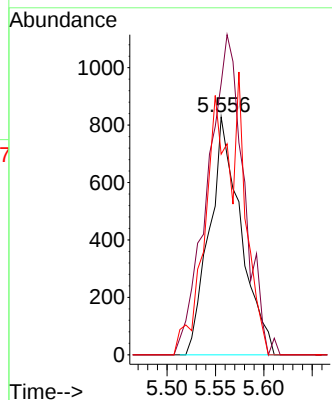
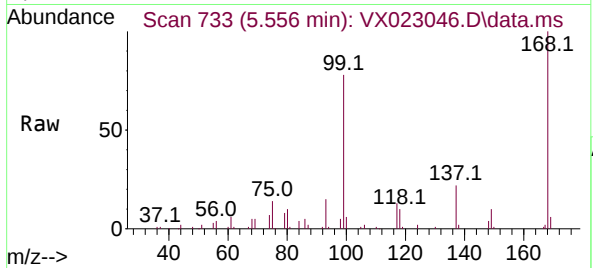




#31
Cyclohexane
Concen: 1.294 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.080 min
Lab File: VX023046.D
Acq: 30 Jun 2021 20:02

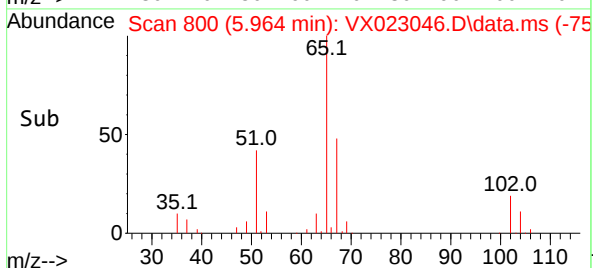
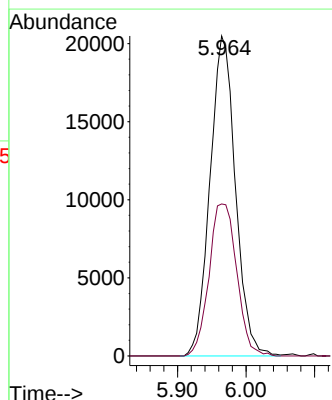
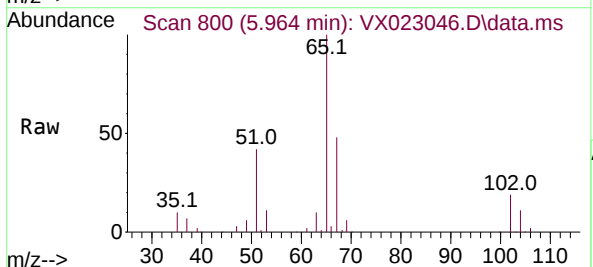
Instrument :
MSVOA_X
ClientSampleId :

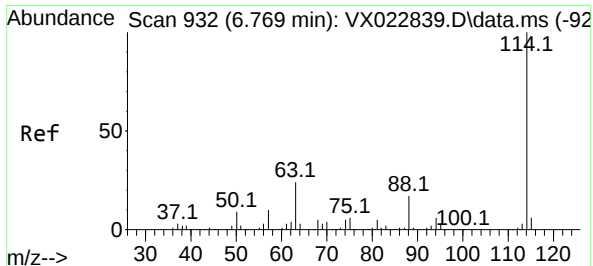
Tgt Ion: 56 Resp: 1868
Ion Ratio Lower Upper
56 100
69 114.1 25.3 37.9#
84 84.4 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 51.622 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023046.D
Acq: 30 Jun 2021 20:02

Tgt Ion: 65 Resp: 52771
Ion Ratio Lower Upper
65 100
67 51.7 0.0 105.4

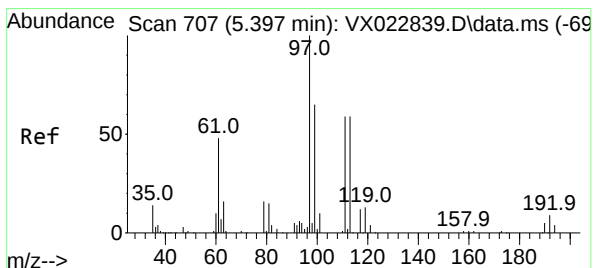
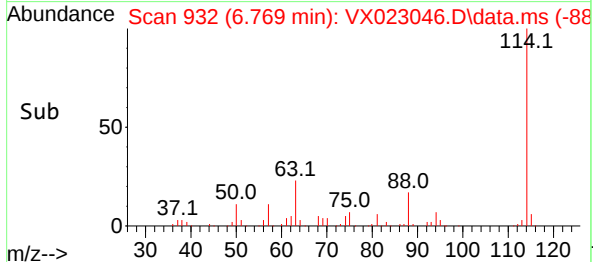
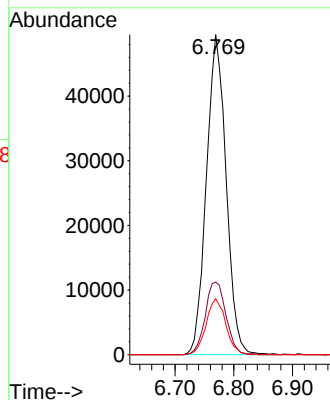
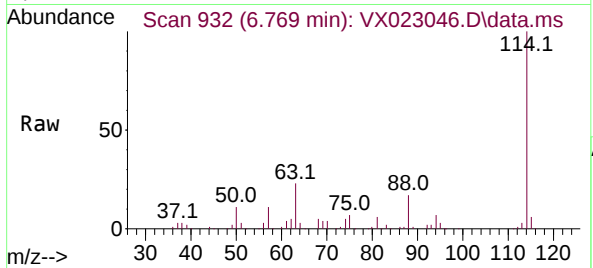




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023046.D
Acq: 30 Jun 2021 20:02

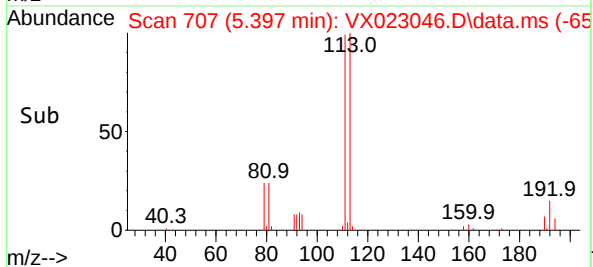
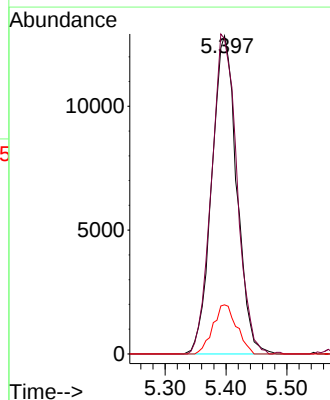
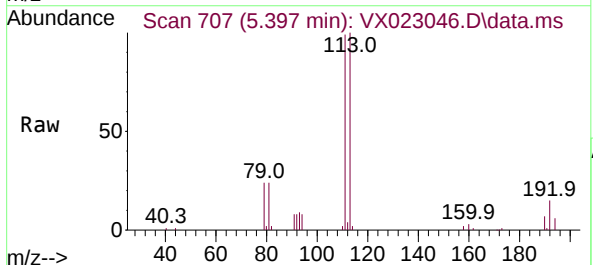
Instrument :
MSVOA_X
ClientSampled :

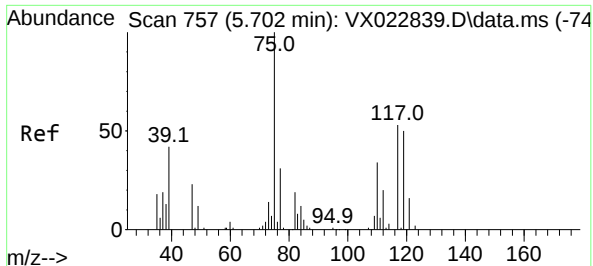
Tgt Ion:114 Resp: 115534
Ion Ratio Lower Upper
114 100
63 22.7 0.0 40.8
88 17.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.802 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023046.D
Acq: 30 Jun 2021 20:02

Tgt Ion:113 Resp: 36538
Ion Ratio Lower Upper
113 100
111 102.3 81.9 122.9
192 14.7 16.7 25.1#

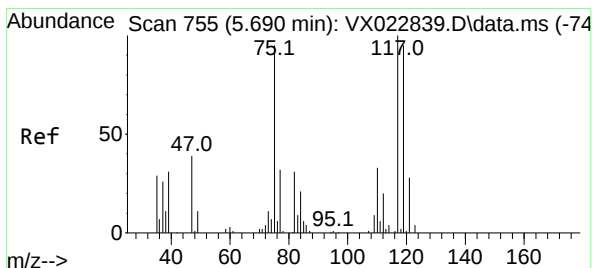
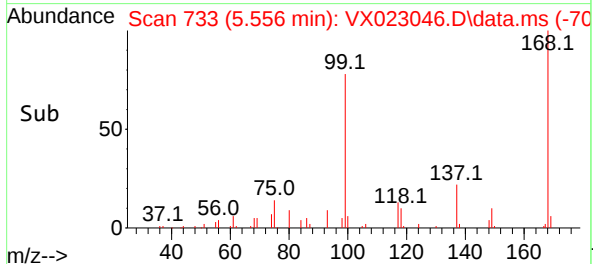
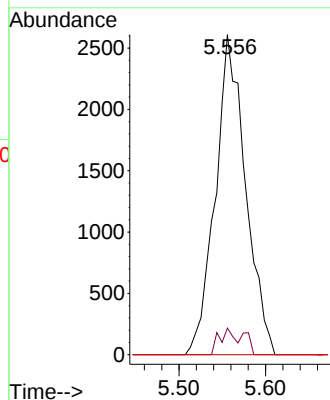
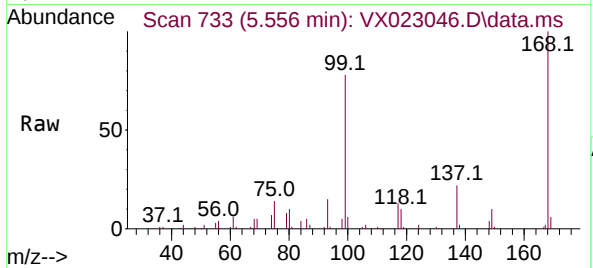




#36
1,1-Dichloropropene
Concen: 5.147 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX023046.D
Acq: 30 Jun 2021 20:02

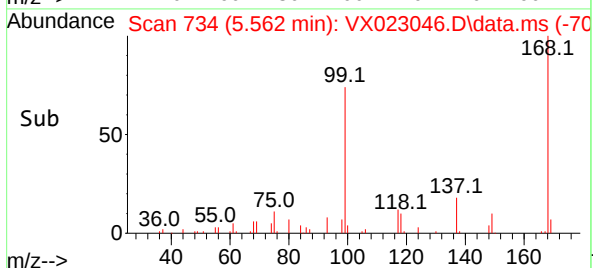
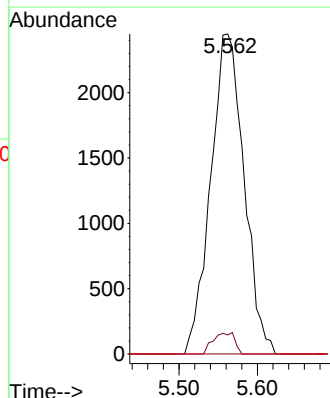
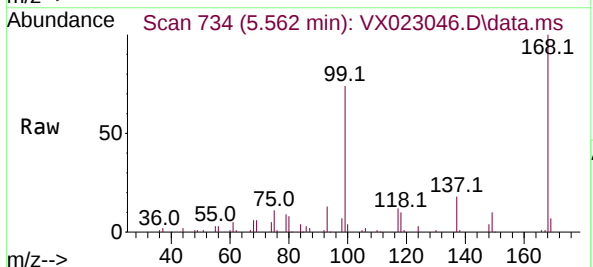
Instrument :
MSVOA_X
ClientSampled :

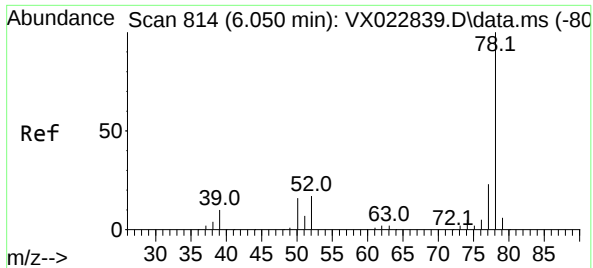
Tgt Ion: 75 Resp: 6316
Ion Ratio Lower Upper
75 100
110 4.3 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 7.040 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX023046.D
Acq: 30 Jun 2021 20:02

Tgt Ion: 117 Resp: 7246
Ion Ratio Lower Upper
117 100
119 6.0 76.2 114.2#
121 0.0 24.8 37.2#

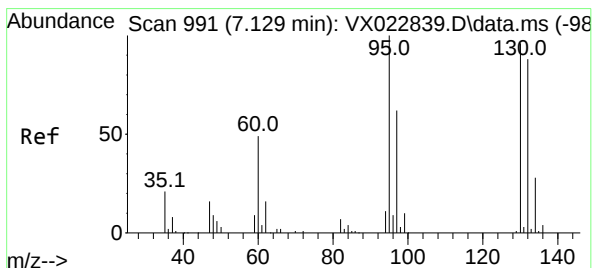
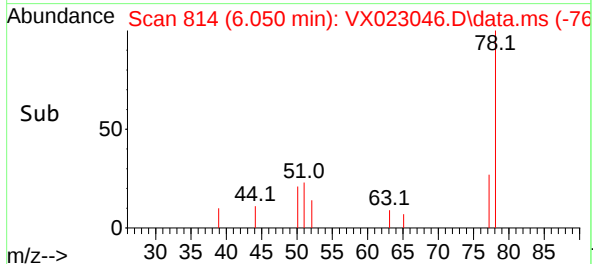
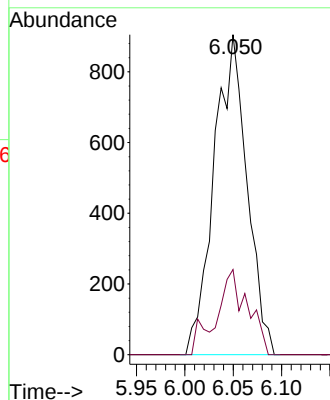
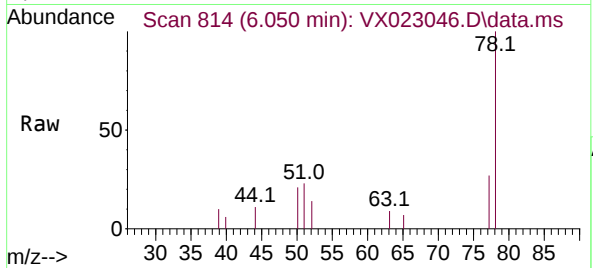




#40
Benzene
Concen: 0.606 ug/l
RT: 6.050 min Scan# 814
Delta R.T. -0.000 min
Lab File: VX023046.D
Acq: 30 Jun 2021 20:02

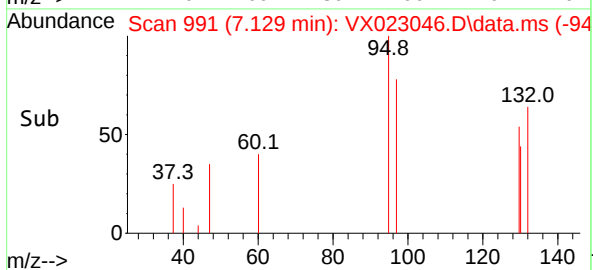
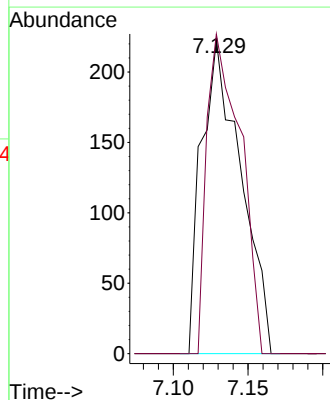
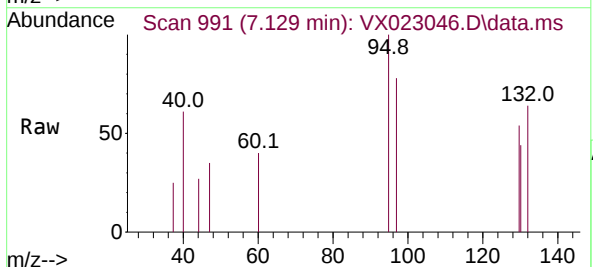
Instrument :
MSVOA_X
ClientSampled :

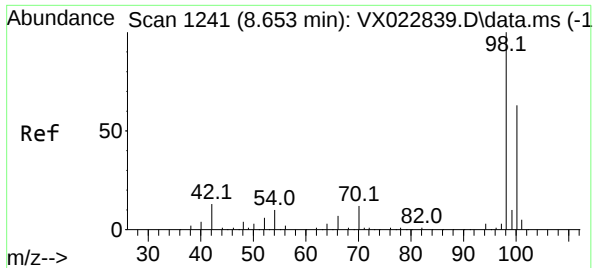
Tgt Ion: 78 Resp: 2144
Ion Ratio Lower Upper
78 100
77 26.6 18.9 28.3



#44
Trichloroethene
Concen: 0.486 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX023046.D
Acq: 30 Jun 2021 20:02

Tgt Ion:130 Resp: 408
Ion Ratio Lower Upper
130 100
95 101.8 0.0 198.0

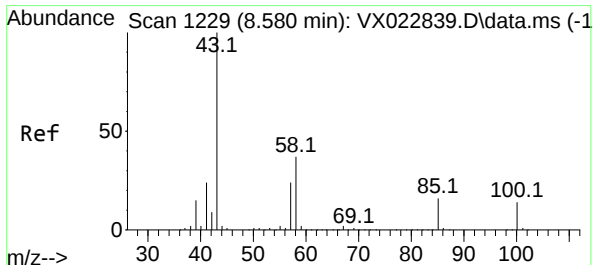
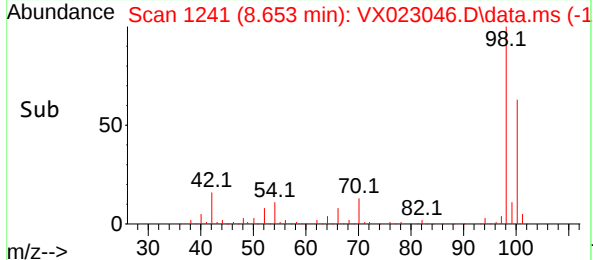
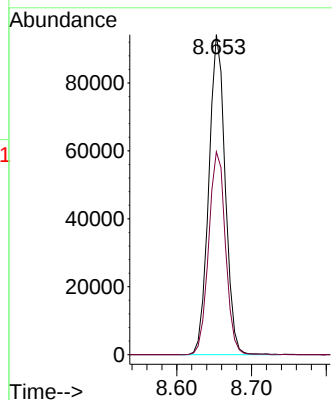
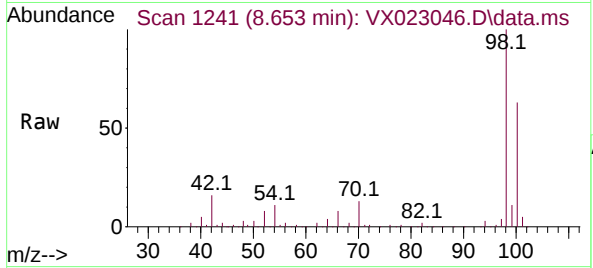




#50
Toluene-d8
Concen: 49.797 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023046.D
Acq: 30 Jun 2021 20:02

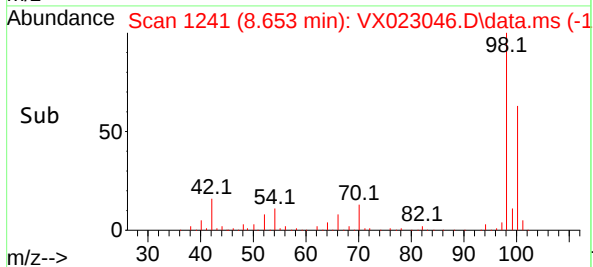
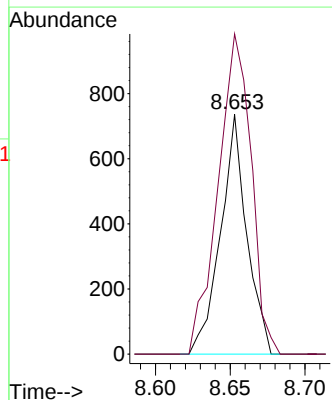
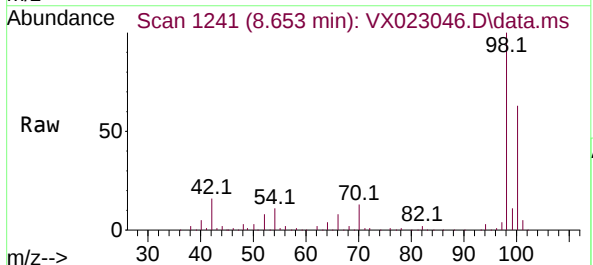
Instrument :
MSVOA_X
ClientSampled :

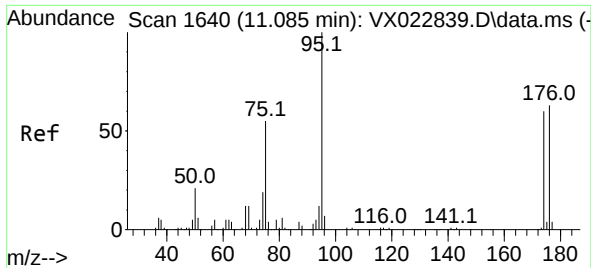
Tgt Ion: 98 Resp: 143186
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.633 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX023046.D
Acq: 30 Jun 2021 20:02

Tgt Ion: 43 Resp: 900
Ion Ratio Lower Upper
43 100
58 168.0 35.4 53.0#

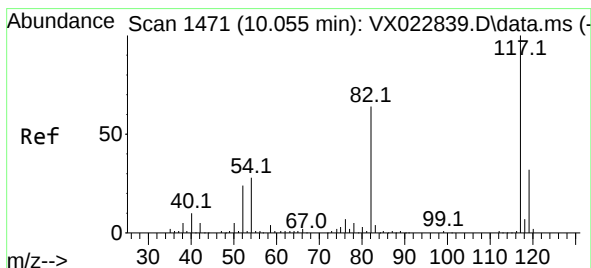
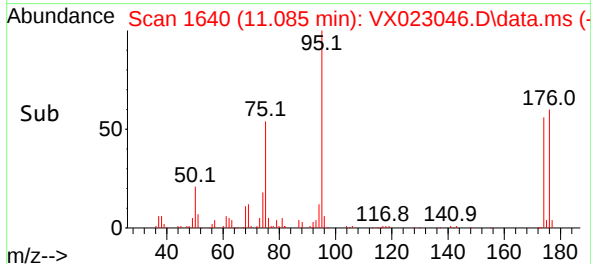
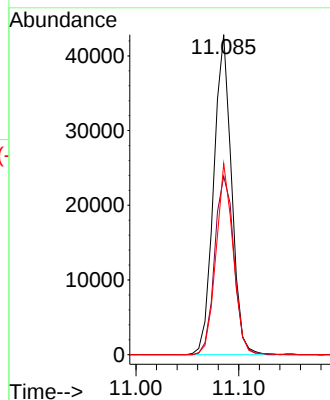
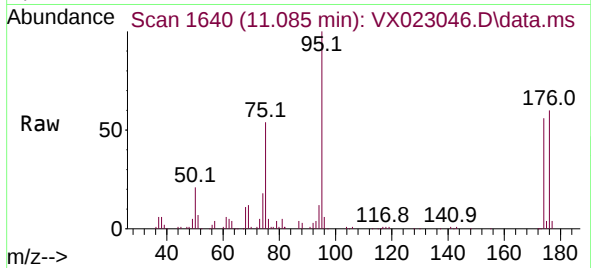




#62
4-Bromofluorobenzene
Concen: 47.969 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023046.D
Acq: 30 Jun 2021 20:02

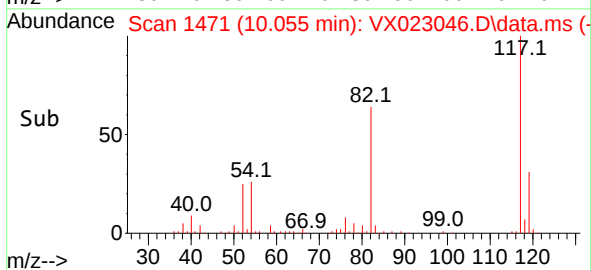
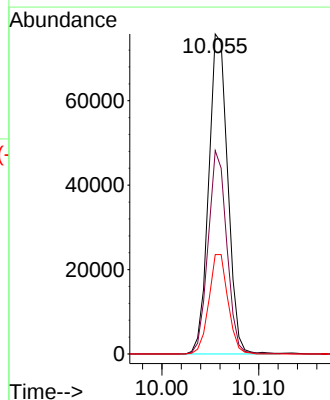
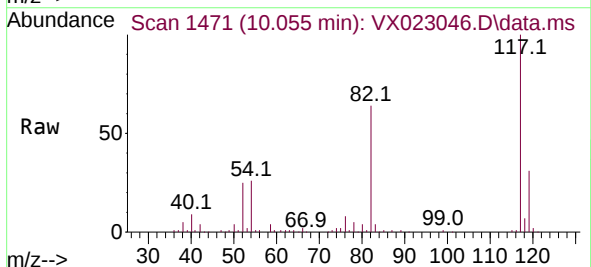
Instrument :
MSVOA_X
ClientSampled :

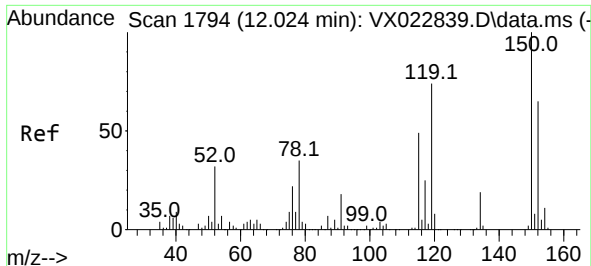
Tgt Ion: 95 Resp: 51476
Ion Ratio Lower Upper
95 100
174 60.0 0.0 154.6
176 57.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023046.D
Acq: 30 Jun 2021 20:02

Tgt Ion: 117 Resp: 103990
Ion Ratio Lower Upper
117 100
82 63.5 47.4 71.2
119 31.1 26.6 39.8

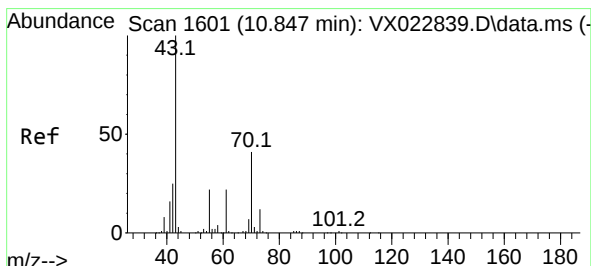
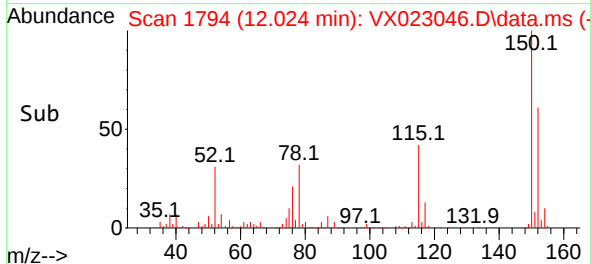
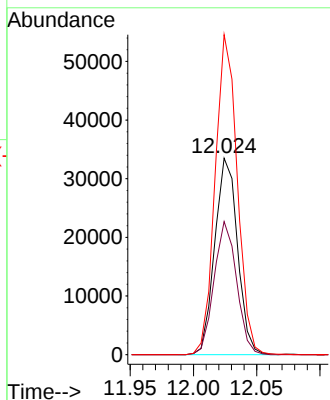
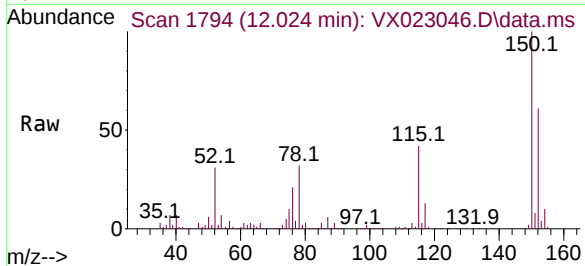




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023046.D
Acq: 30 Jun 2021 20:02

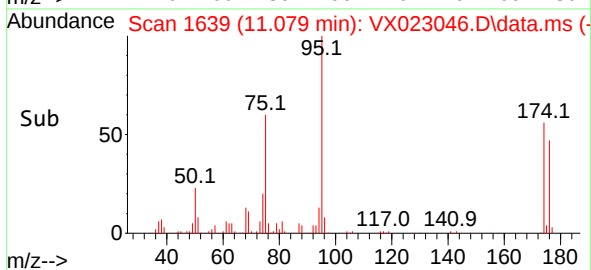
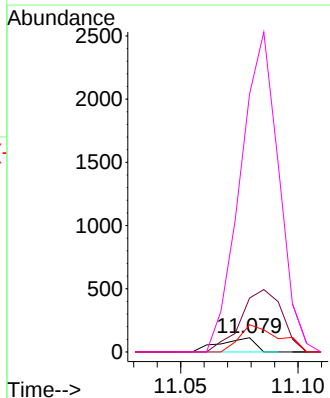
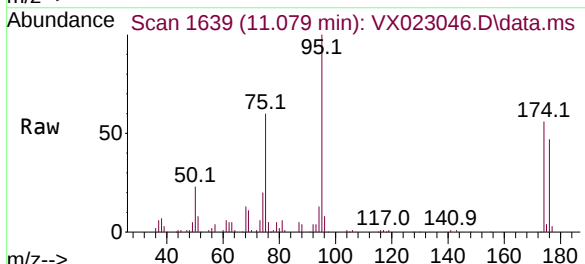
Instrument :
MSVOA_X
ClientSampled :

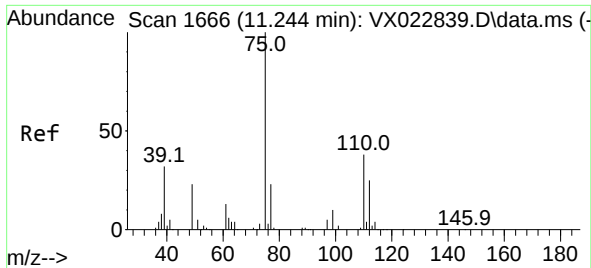
Tgt Ion:152 Resp: 41929
Ion Ratio Lower Upper
152 100
115 66.9 41.1 123.3
150 157.8 0.0 349.0



#74
N-ethyl acetate
Concen: 2.111 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.232 min
Lab File: VX023046.D
Acq: 30 Jun 2021 20:02

Tgt Ion: 43 Resp: 117
Ion Ratio Lower Upper
43 100
70 515.4 39.0 58.6#
55 215.4 21.5 32.3#
61 2460.7 22.1 33.1#

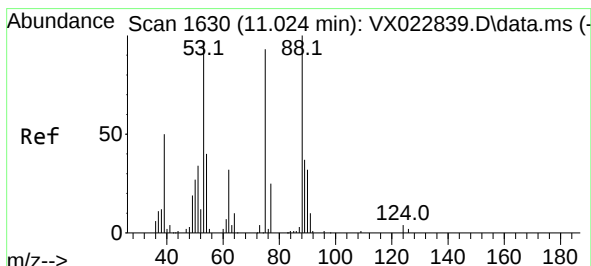
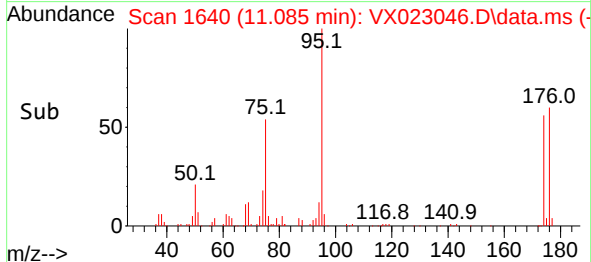
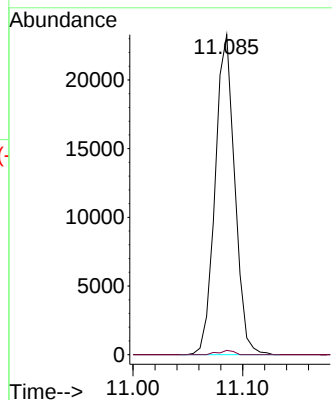
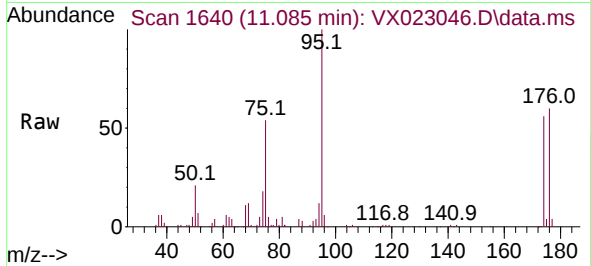




#76
1,2,3-Trichloropropane
Concen: 26.147 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023046.D
Acq: 30 Jun 2021 20:02

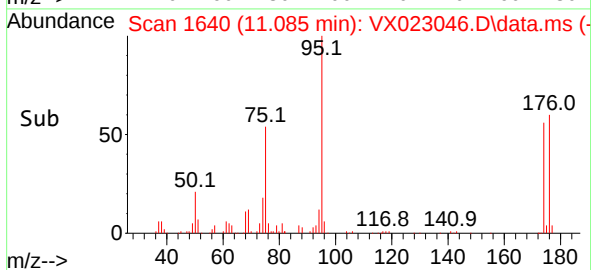
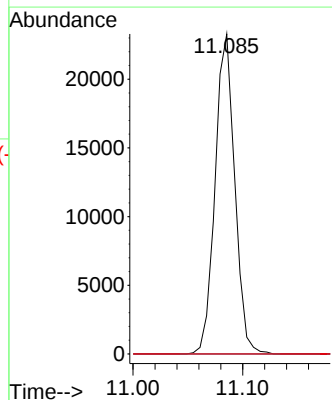
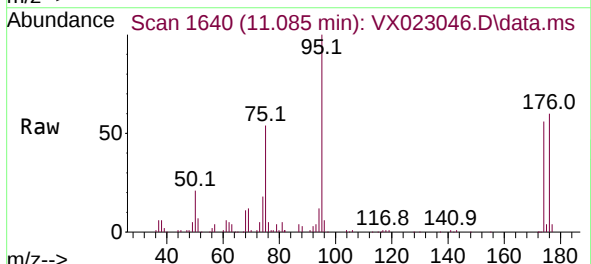
Instrument :
MSVOA_X
ClientSampled :

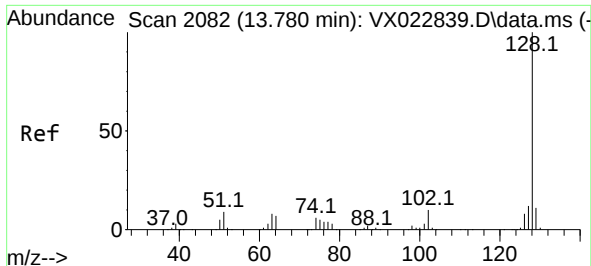
Tgt Ion: 75 Resp: 28958
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.939 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023046.D
Acq: 30 Jun 2021 20:02

Tgt Ion: 75 Resp: 28958
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.935 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX023046.D
Acq: 30 Jun 2021 20:02

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 43
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

