

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032221\
 Data File : VX021354.D
 Acq On : 22 Mar 2021 13:45
 Operator : JC/MD
 Sample : M1755-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 23 02:00:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 16 14:00:21 2021
 Response via : Initial Calibration

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

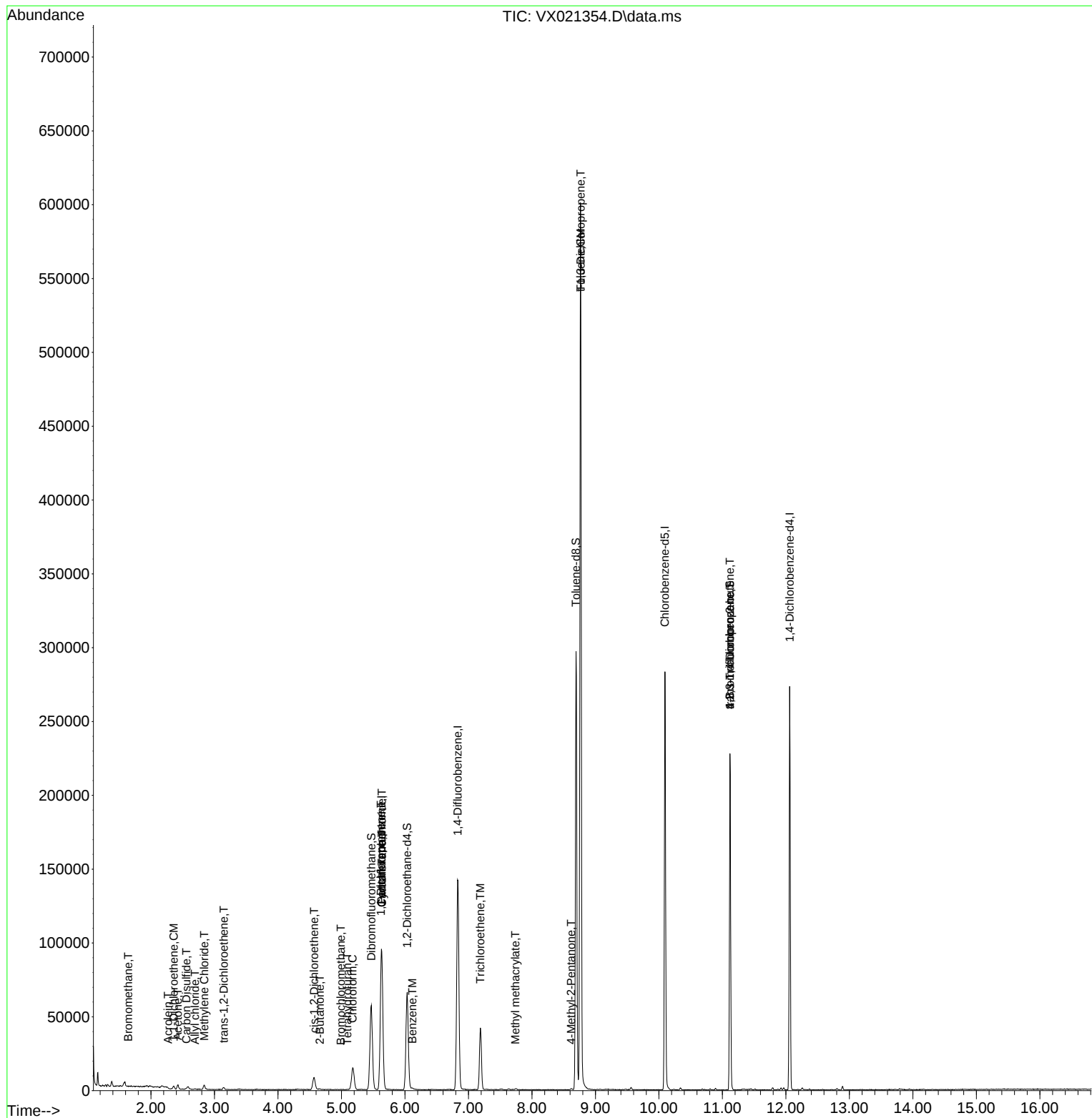
Internal Standards						
1) Pentafluorobenzene	5.629	168	83967	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	135800	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	117523	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	49899	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	64462	46.81	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.62%
35) Dibromofluoromethane	5.470	113	46516	50.34	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.68%
50) Toluene-d8	8.694	98	164904	49.18	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.36%
62) 4-Bromofluorobenzene	11.118	95	59273	45.52	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.04%
Target Compounds						
					Qvalue	
3) Chloromethane	1.317	50	1114	Below Cal		96
5) Bromomethane	1.640	94	186	0.42 ug/l #		2
12) 1,1-Dichloroethene	2.358	96	532	0.62 ug/l #		82
13) Acrolein	2.270	56	40	3.41 ug/l #		14
14) Allyl chloride	2.693	41	475	0.27 ug/l #		47
16) Acetone	2.423	43	3363	6.64 ug/l		91
17) Carbon Disulfide	2.558	76	737	0.83 ug/l #		75
20) Methylene Chloride	2.840	84	1205	1.16 ug/l #		94
21) trans-1,2-Dichloroethene	3.146	96	504	0.53 ug/l #		87
25) 2-Butanone	4.658	43	1008	1.29 ug/l #		83
27) cis-1,2-Dichloroethene	4.570	96	4814	4.38 ug/l		96
28) Bromochloromethane	4.988	49	208	0.24 ug/l #		9
29) Tetrahydrofuran	5.094	42	127	0.25 ug/l #		27
30) Chloroform	5.176	83	16843	8.84 ug/l		98
31) Cyclohexane	5.635	56	2417	1.45 ug/l #		35
36) 1,1-Dichloropropene	5.623	75	7582	5.54 ug/l #		50
38) Carbon Tetrachloride	5.635	117	9476	6.67 ug/l #		16
40) Benzene	6.117	78	1113	0.30 ug/l #		90
44) Trichloroethene	7.188	130	14911	14.89 ug/l		92
48) Methyl methacrylate	7.741	41	518	0.38 ug/l #		75
51) 4-Methyl-2-Pentanone	8.618	43	697	0.46 ug/l #		69
52) Toluene	8.765	92	211719	90.80 ug/l		98
53) t-1,3-Dichloropropene	8.765	75	3070	1.95 ug/l #		1
76) 1,2,3-Trichloropropane	11.118	75	33073	28.57 ug/l #		38
81) trans-1,4-Dichloro-2-b...	11.118	75	33073	77.57 ug/l #		12

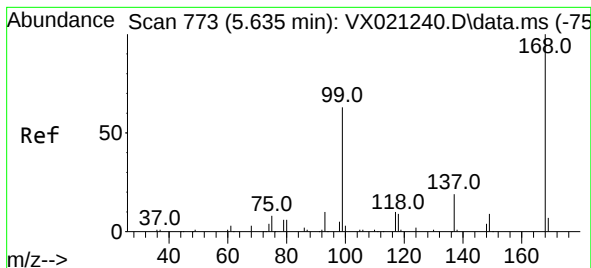
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032221\
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Instrument :
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ClientSampleId :

Quant Time: Mar 23 02:00:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 16 14:00:21 2021
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.629 min Scan# 772

Delta R.T. -0.006 min

Lab File: VX021354.D

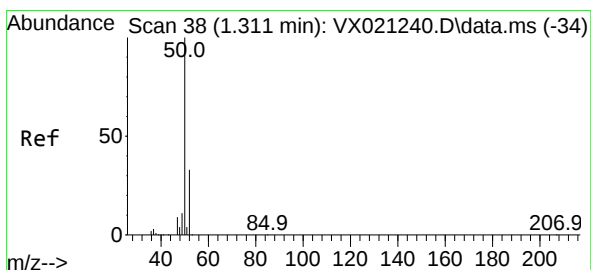
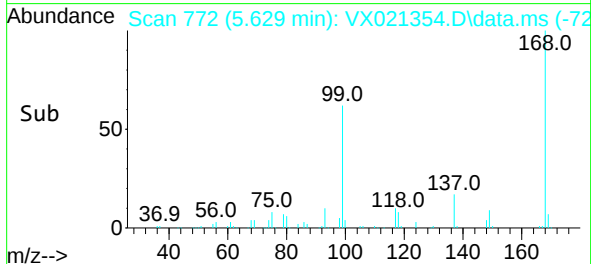
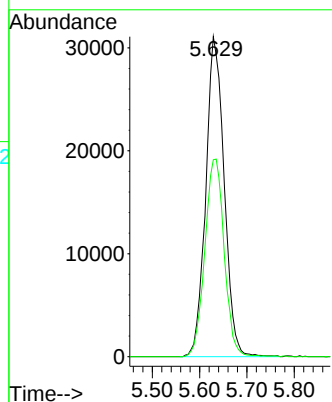
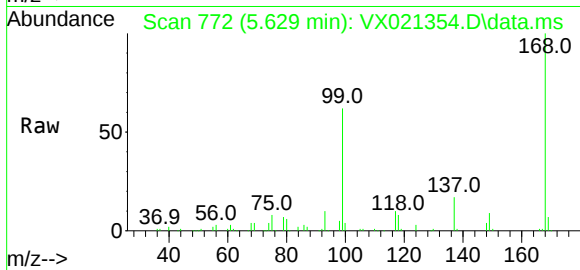
Acq: 22 Mar 2021 13:45

Tgt Ion:168 Resp: 83967

Ion Ratio Lower Upper

168 100

99 61.6 45.8 68.6



#3

Chloromethane

Concen: Below Cal

RT: 1.317 min Scan# 39

Delta R.T. 0.006 min

Lab File: VX021354.D

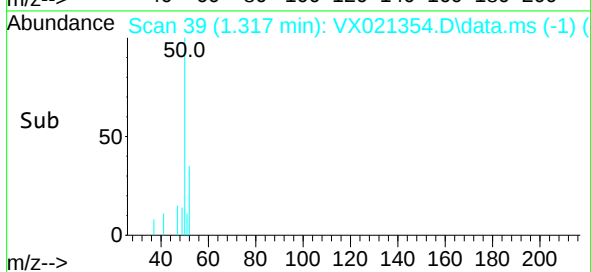
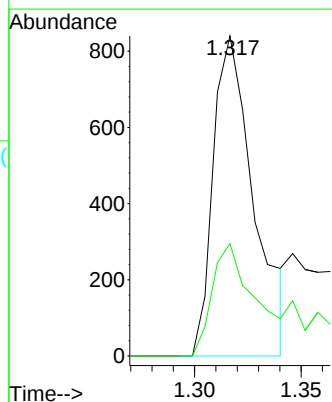
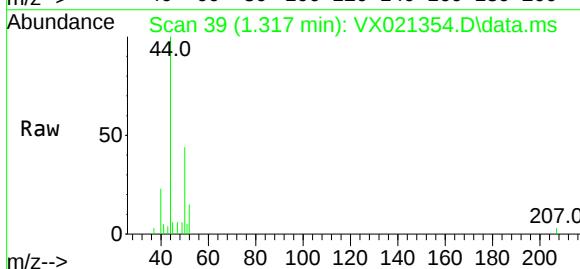
Acq: 22 Mar 2021 13:45

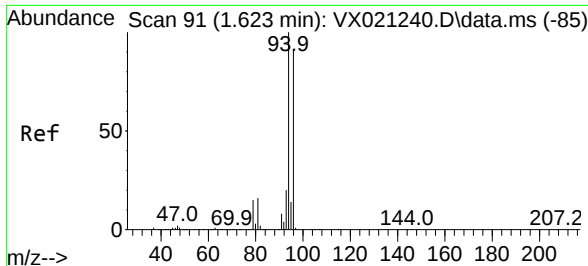
Tgt Ion: 50 Resp: 1114

Ion Ratio Lower Upper

50 100

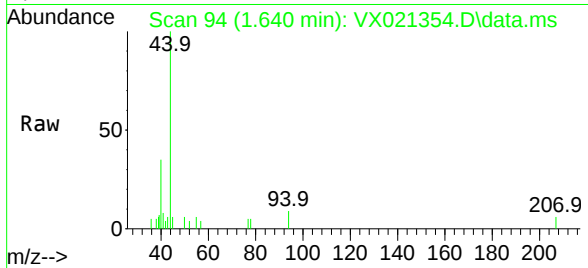
52 35.1 26.4 39.6



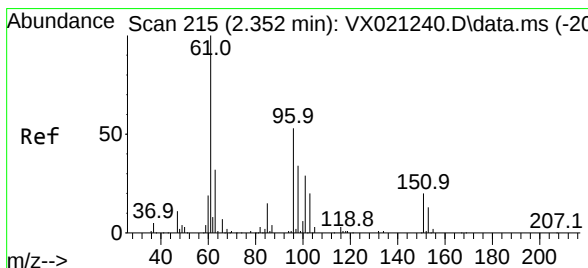
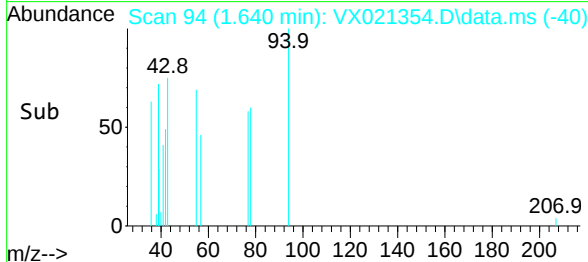
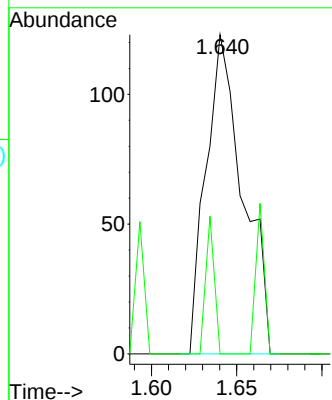


#5
Bromomethane
Concen: 0.42 ug/l
RT: 1.640 min Scan# 94
Delta R.T. 0.017 min
Lab File: VX021354.D
Acq: 22 Mar 2021 13:45

Instrument :
MSVOA_X
ClientSampled :

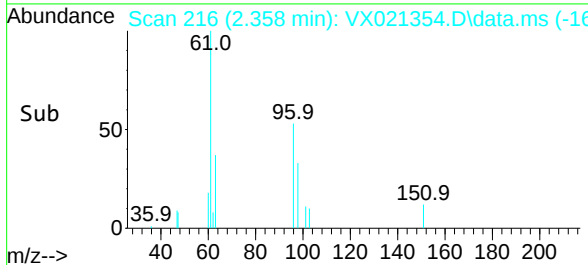
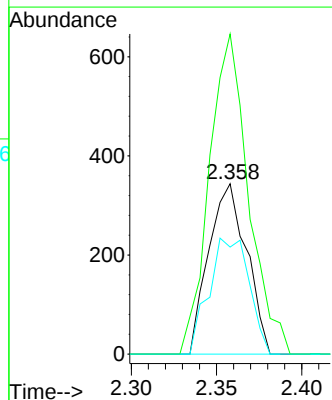
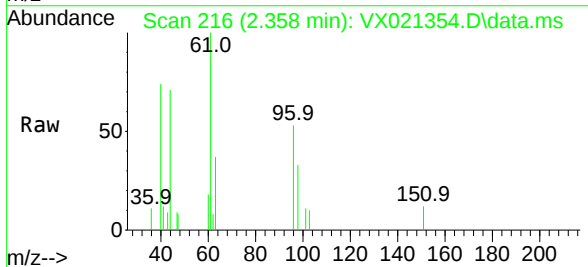


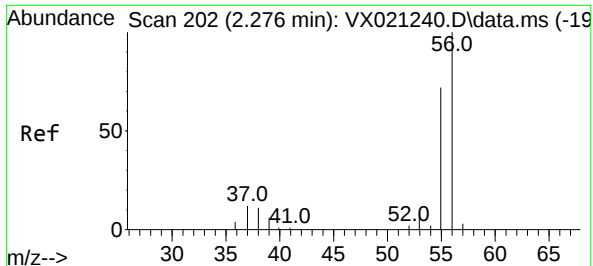
Tgt Ion: 94 Resp: 186
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#



#12
1,1-Dichloroethene
Concen: 0.62 ug/l
RT: 2.358 min Scan# 216
Delta R.T. 0.006 min
Lab File: VX021354.D
Acq: 22 Mar 2021 13:45

Tgt Ion: 96 Resp: 532
Ion Ratio Lower Upper
96 100
61 187.8 124.6 187.0#
98 62.8 50.6 76.0

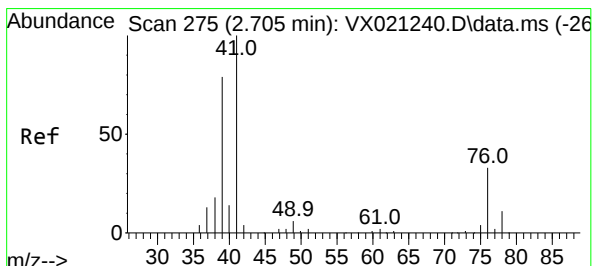
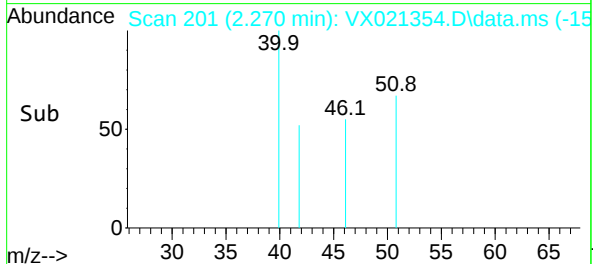
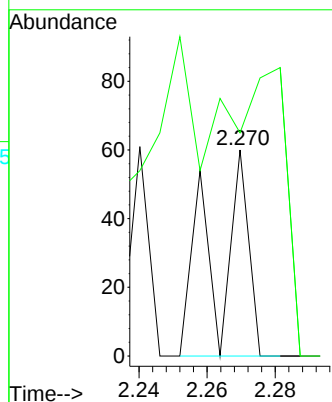
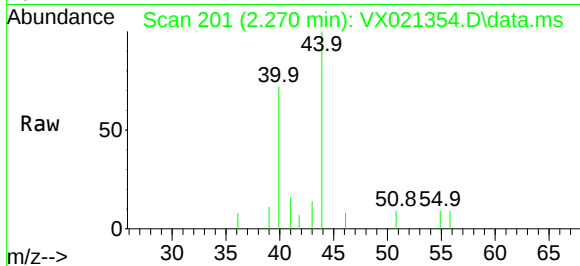




#13
Acrolein
Concen: 3.41 ug/l
RT: 2.270 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX021354.D
Acq: 22 Mar 2021 13:45

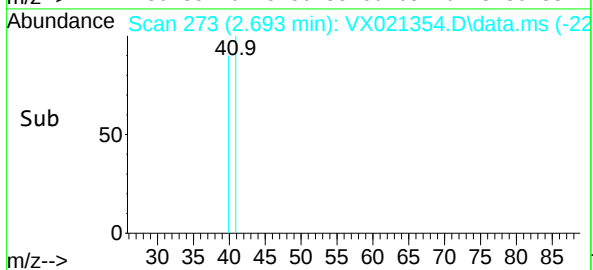
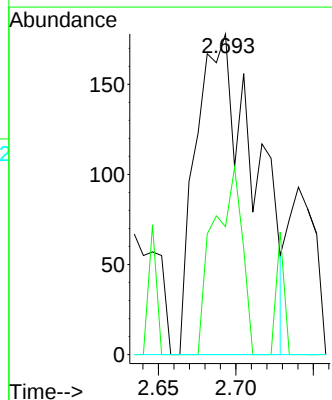
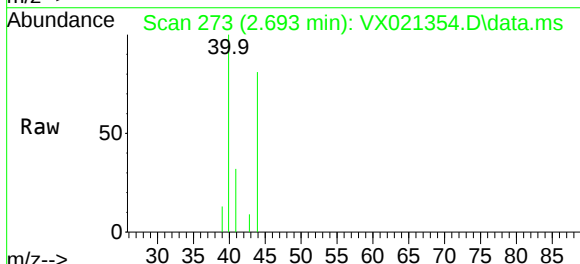
Instrument :
MSVOA_X
ClientSampled :

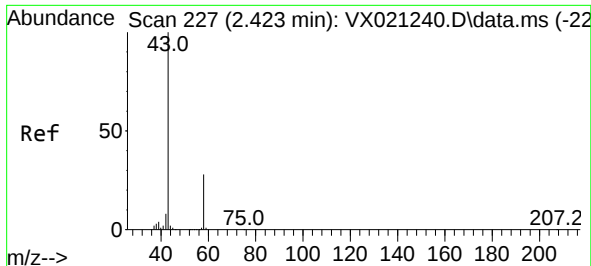
Tgt Ion: 56 Resp: 40
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#14
Allyl chloride
Concen: 0.27 ug/l
RT: 2.693 min Scan# 273
Delta R.T. -0.012 min
Lab File: VX021354.D
Acq: 22 Mar 2021 13:45

Tgt Ion: 41 Resp: 475
Ion Ratio Lower Upper
41 100
39 28.0 51.6 77.4#
76 0.0 30.5 45.7#

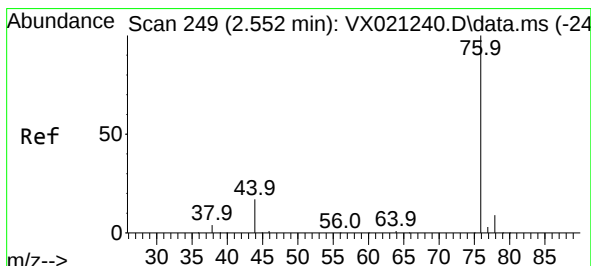
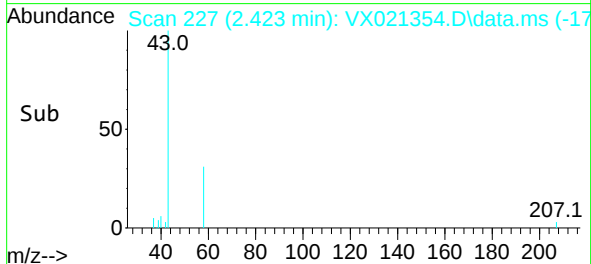
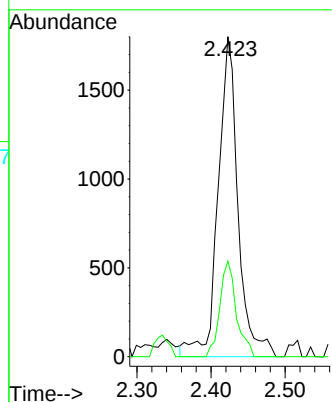
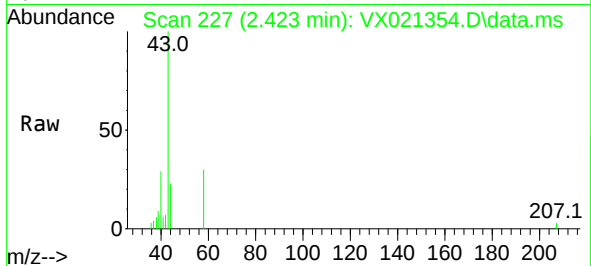




#16
Acetone
Concen: 6.64 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021354.D
Acq: 22 Mar 2021 13:45

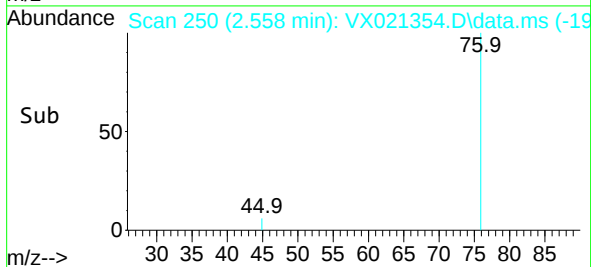
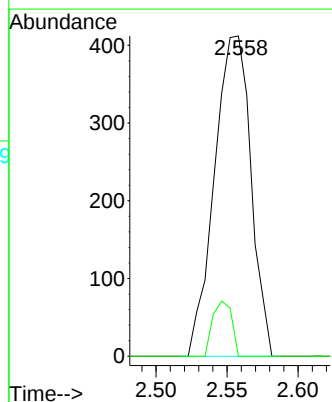
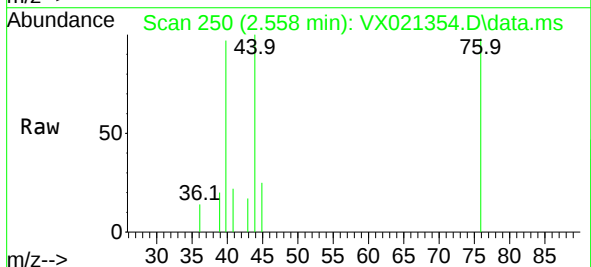
Instrument :
MSVOA_X
ClientSampled :

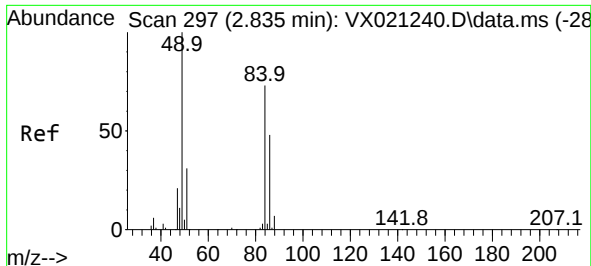
Tgt Ion: 43 Resp: 3363
Ion Ratio Lower Upper
43 100
58 29.9 27.8 41.8



#17
Carbon Disulfide
Concen: 0.83 ug/l
RT: 2.558 min Scan# 250
Delta R.T. 0.006 min
Lab File: VX021354.D
Acq: 22 Mar 2021 13:45

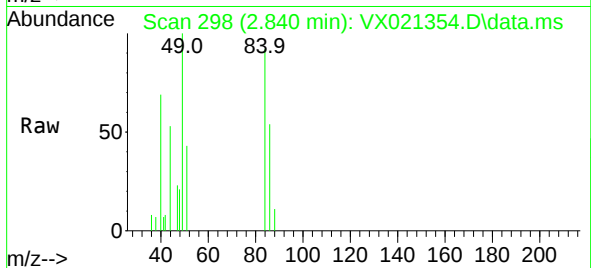
Tgt Ion: 76 Resp: 737
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



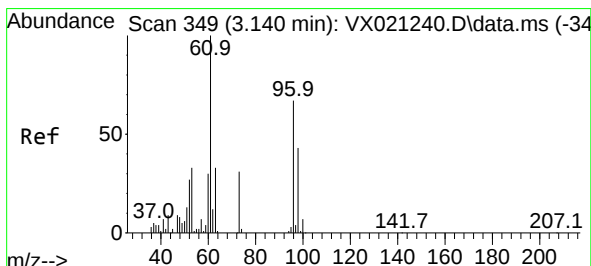
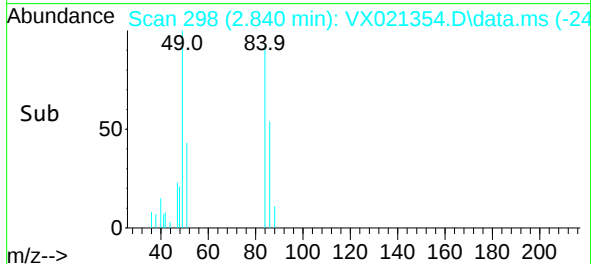
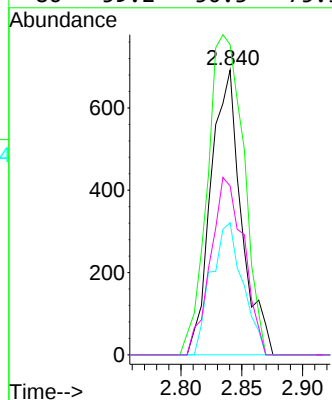


#20
Methylene Chloride
Concen: 1.16 ug/l
RT: 2.840 min Scan# 298
Delta R.T. 0.005 min
Lab File: VX021354.D
Acq: 22 Mar 2021 13:45

Instrument :
MSVOA_X
ClientSampled :

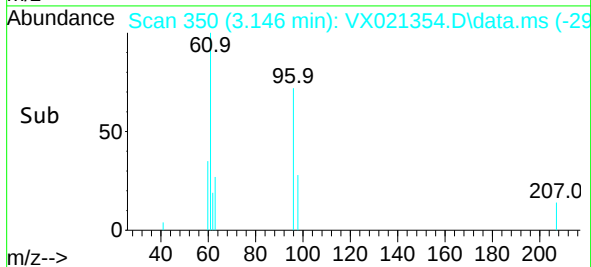
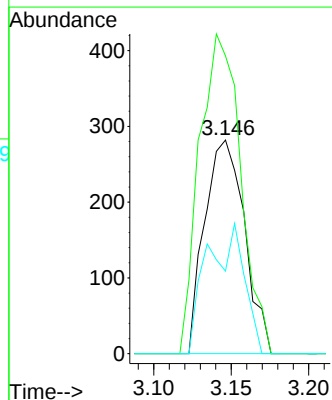
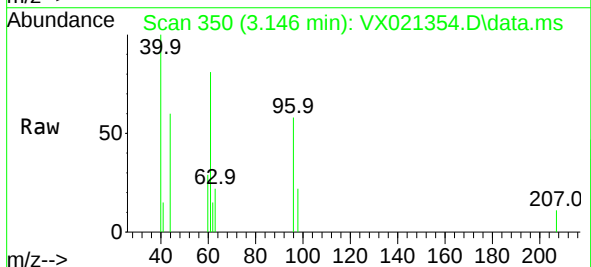


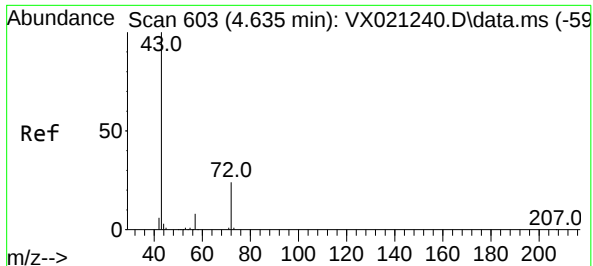
Tgt Ion: 84 Resp: 1205
Ion Ratio Lower Upper
84 100
49 109.0 88.6 132.8
51 46.4 27.0 40.6#
86 59.2 50.3 75.5



#21
trans-1,2-Dichloroethene
Concen: 0.53 ug/l
RT: 3.146 min Scan# 350
Delta R.T. 0.006 min
Lab File: VX021354.D
Acq: 22 Mar 2021 13:45

Tgt Ion: 96 Resp: 504
Ion Ratio Lower Upper
96 100
61 139.4 107.7 161.5
98 38.7 50.4 75.6#

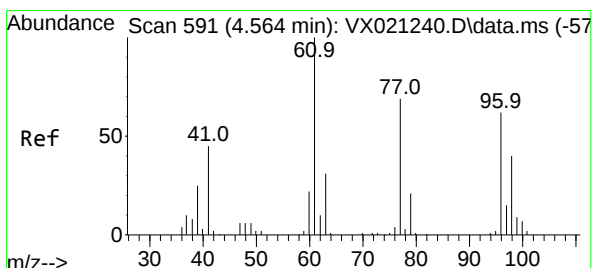
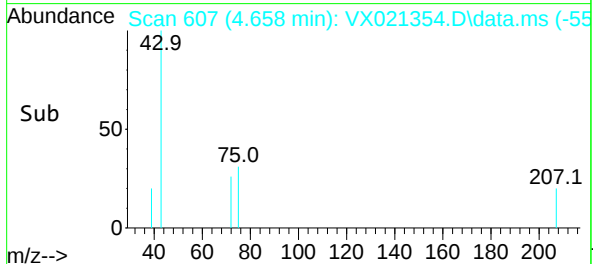
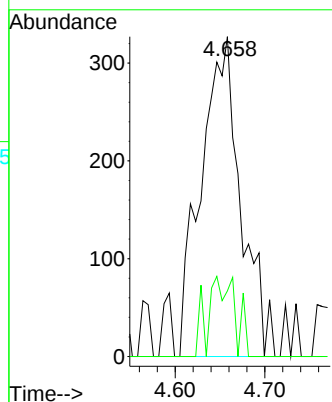
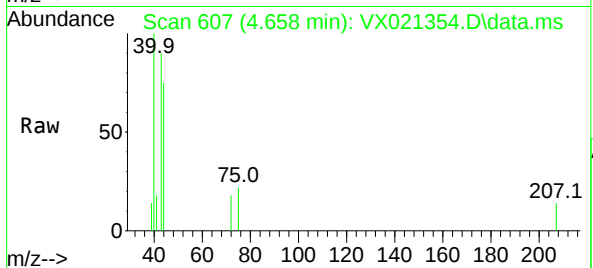




#25
2-Butanone
Concen: 1.29 ug/l
RT: 4.658 min Scan# 607
Delta R.T. 0.023 min
Lab File: VX021354.D
Acq: 22 Mar 2021 13:45

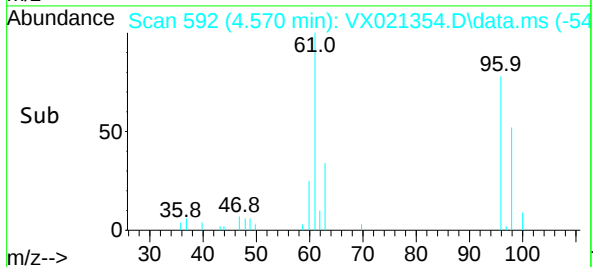
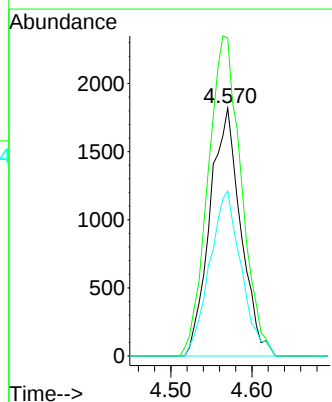
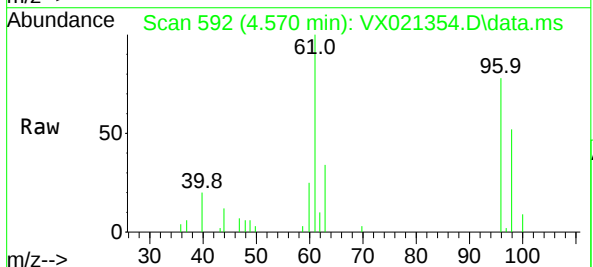
Instrument :
MSVOA_X
ClientSampled :

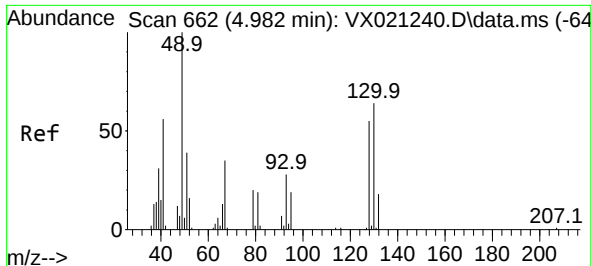
Tgt Ion: 43 Resp: 1008
Ion Ratio Lower Upper
43 100
72 20.5 23.7 35.5#



#27
cis-1,2-Dichloroethene
Concen: 4.38 ug/l
RT: 4.570 min Scan# 592
Delta R.T. 0.006 min
Lab File: VX021354.D
Acq: 22 Mar 2021 13:45

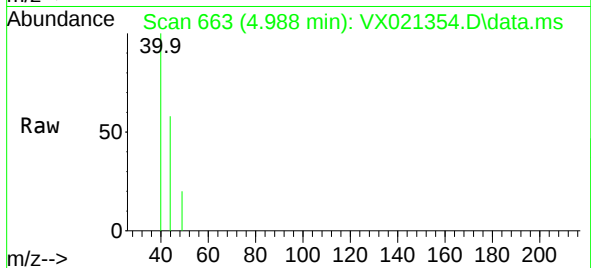
Tgt Ion: 96 Resp: 4814
Ion Ratio Lower Upper
96 100
61 138.8 0.0 285.6
98 68.1 0.0 129.6



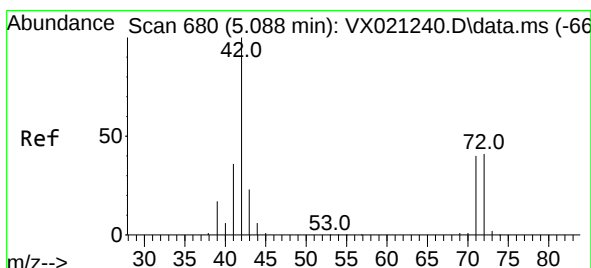
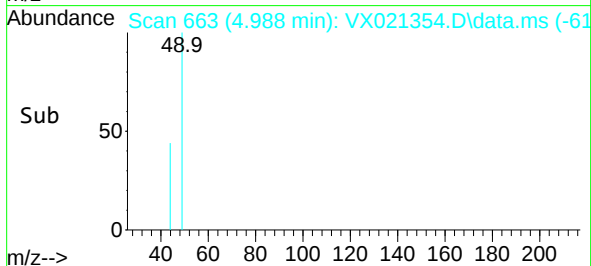
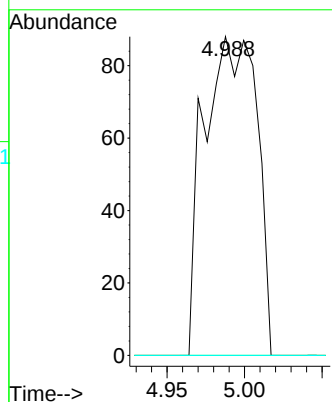


#28
Bromochloromethane
Concen: 0.24 ug/l
RT: 4.988 min Scan# 663
Delta R.T. 0.006 min
Lab File: VX021354.D
Acq: 22 Mar 2021 13:45

Instrument :
MSVOA_X
ClientSampled :

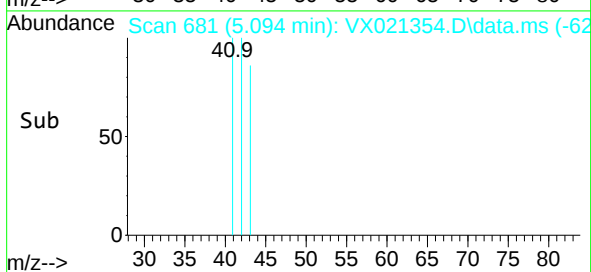
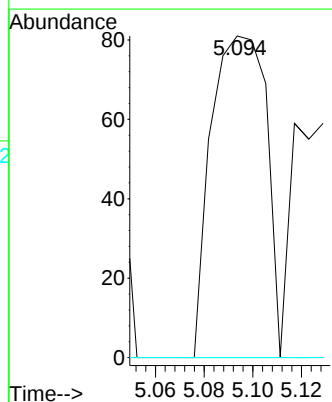
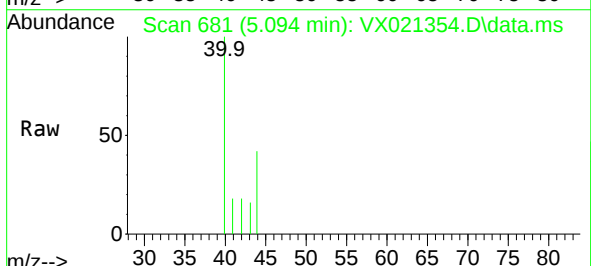


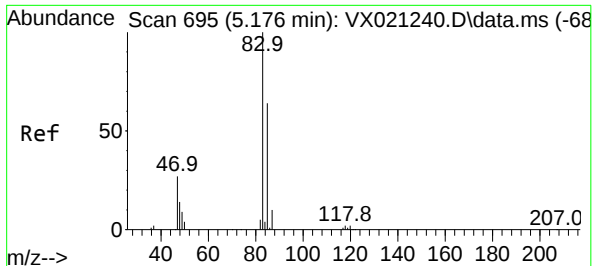
Tgt Ion: 49 Resp: 208
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 0.0 68.2 102.2#



#29
Tetrahydrofuran
Concen: 0.25 ug/l
RT: 5.094 min Scan# 681
Delta R.T. 0.006 min
Lab File: VX021354.D
Acq: 22 Mar 2021 13:45

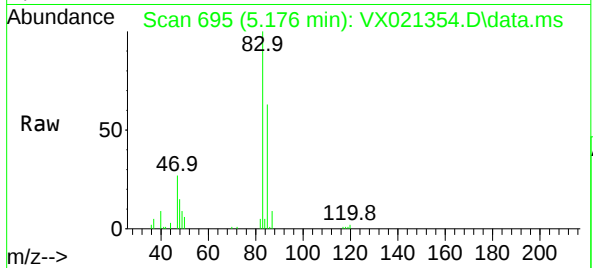
Tgt Ion: 42 Resp: 127
Ion Ratio Lower Upper
42 100
72 0.0 41.7 62.5#
71 0.0 38.4 57.6#



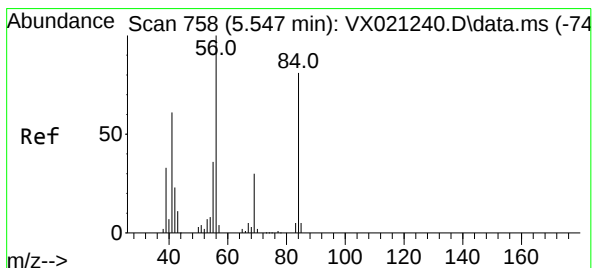
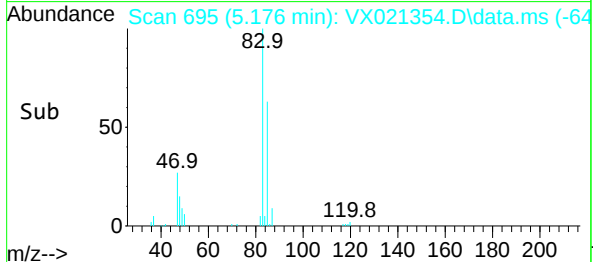
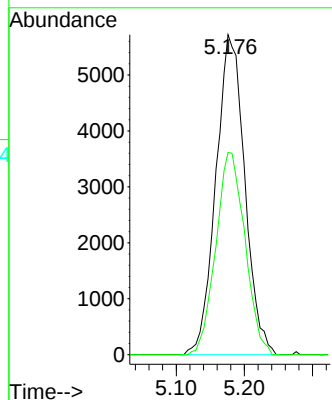


#30
Chloroform
Concen: 8.84 ug/l
RT: 5.176 min Scan# 695
Delta R.T. -0.000 min
Lab File: VX021354.D
Acq: 22 Mar 2021 13:45

Instrument :
MSVOA_X
ClientSampled :

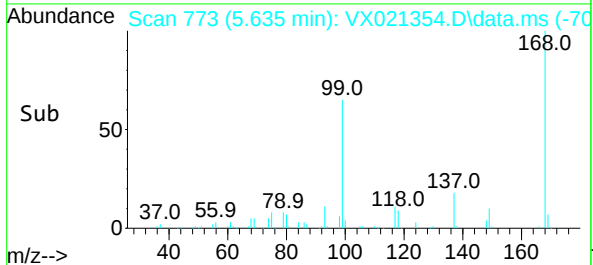
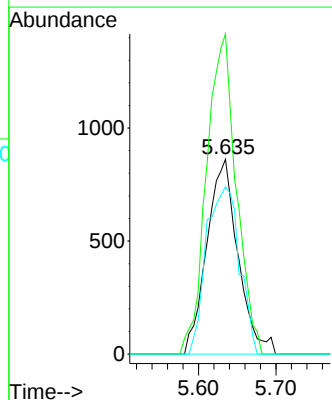
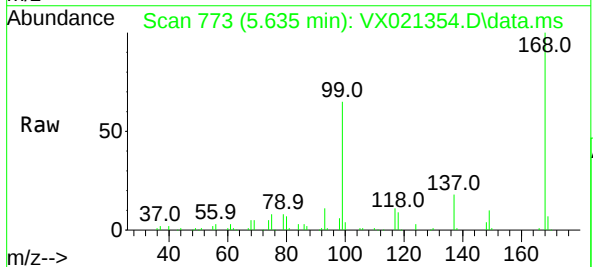


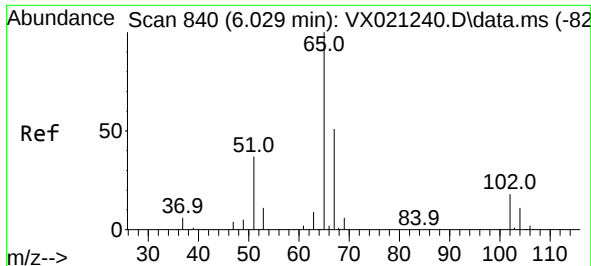
Tgt Ion: 83 Resp: 16843
Ion Ratio Lower Upper
83 100
85 63.2 52.0 78.0



#31
Cyclohexane
Concen: 1.45 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.088 min
Lab File: VX021354.D
Acq: 22 Mar 2021 13:45

Tgt Ion: 56 Resp: 2417
Ion Ratio Lower Upper
56 100
69 164.3 25.3 37.9#
84 85.8 71.4 107.0

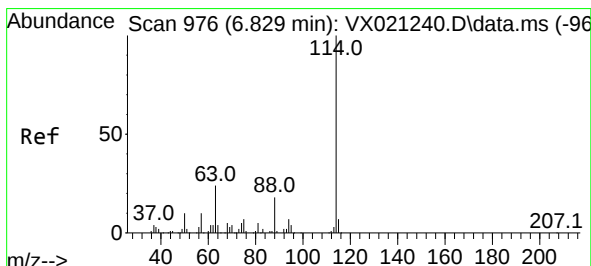
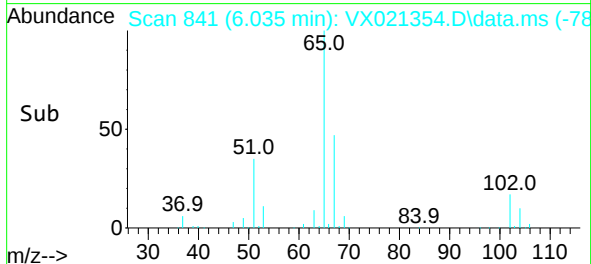
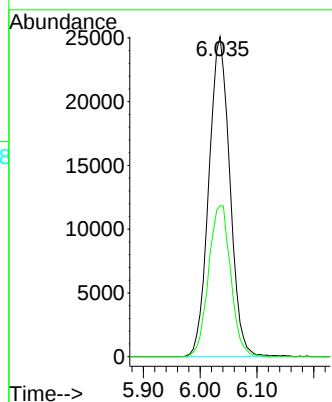
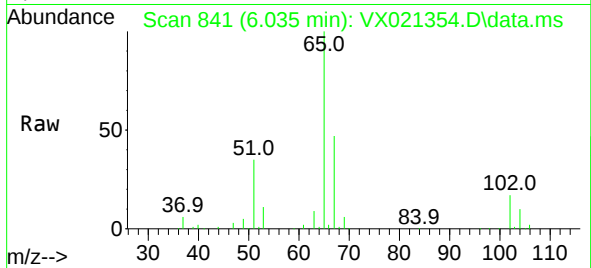




#33
 1,2-Dichloroethane-d4
 Concen: 46.81 ug/l
 RT: 6.035 min Scan# 841
 Delta R.T. 0.006 min
 Lab File: VX021354.D
 Acq: 22 Mar 2021 13:45

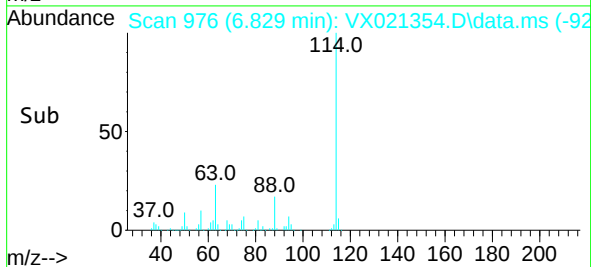
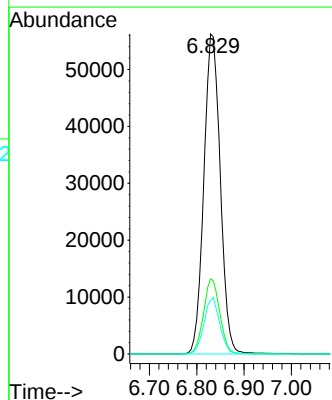
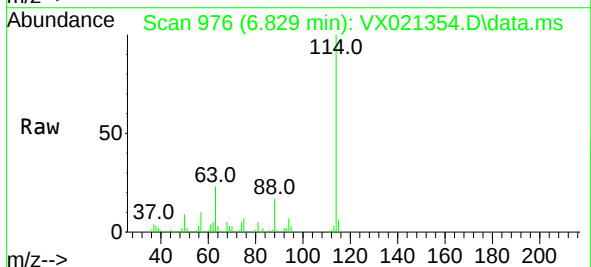
Instrument :
 MSVOA_X
 ClientSampleId :

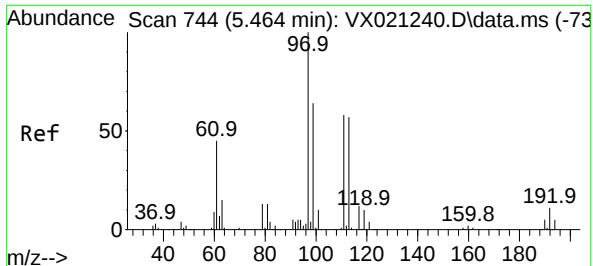
Tgt Ion: 65 Resp: 64462
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.829 min Scan# 976
 Delta R.T. 0.000 min
 Lab File: VX021354.D
 Acq: 22 Mar 2021 13:45

Tgt Ion: 114 Resp: 135800
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 40.8
 88 16.7 0.0 32.8

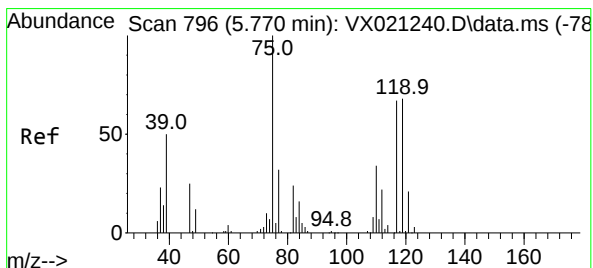
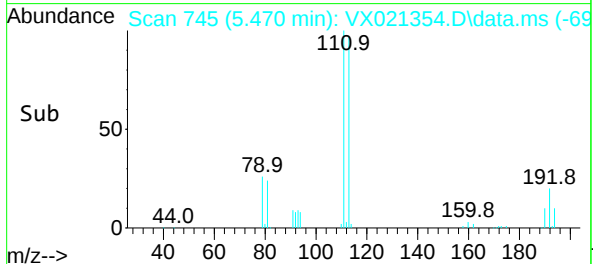
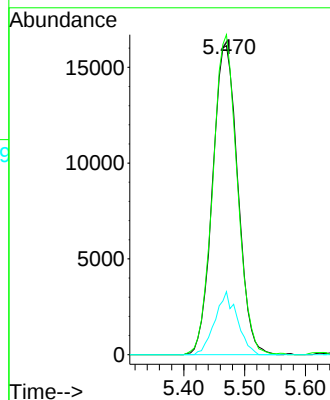
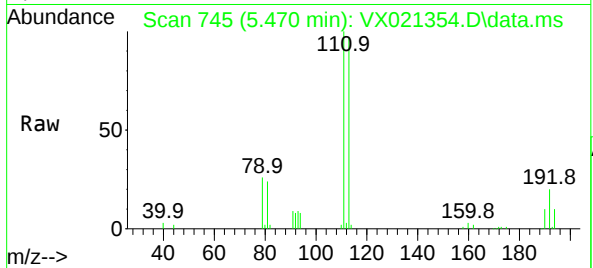




#35
Dibromofluoromethane
Concen: 50.34 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX021354.D
Acq: 22 Mar 2021 13:45

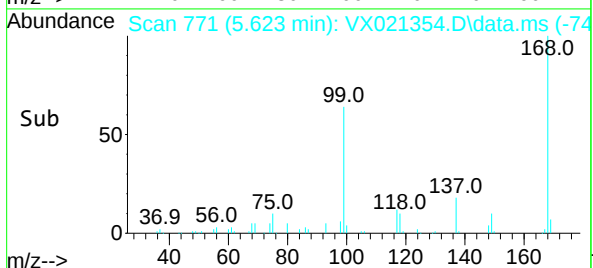
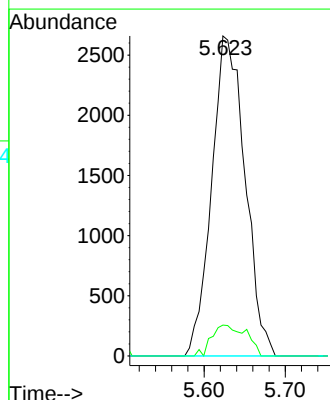
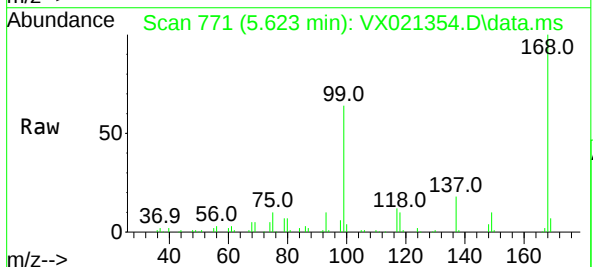
Instrument :
MSVOA_X
ClientSampled :

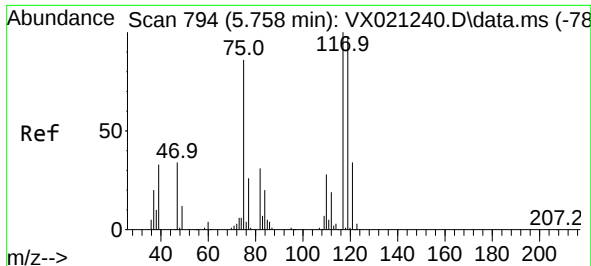
Tgt Ion:113 Resp: 46516
Ion Ratio Lower Upper
113 100
111 100.4 81.9 122.9
192 18.1 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.54 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.147 min
Lab File: VX021354.D
Acq: 22 Mar 2021 13:45

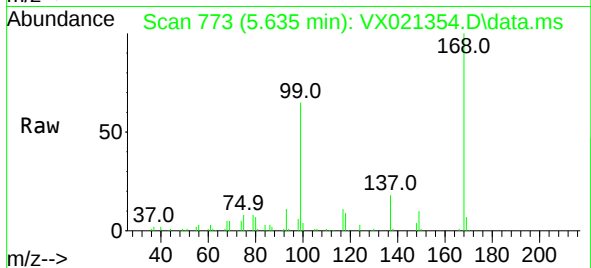
Tgt Ion: 75 Resp: 7582
Ion Ratio Lower Upper
75 100
110 10.0 18.1 54.4#
77 0.0 25.3 37.9#



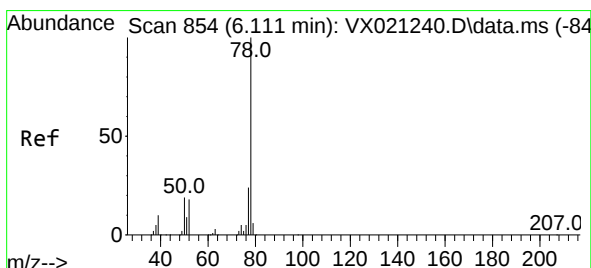
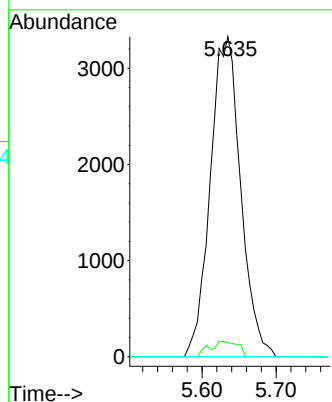
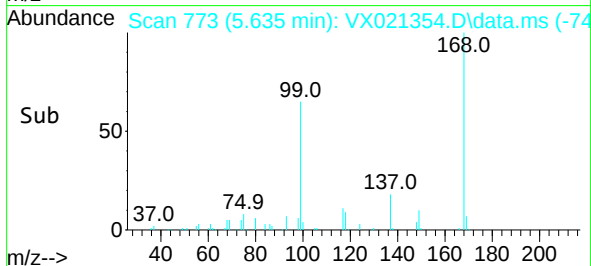


#38
Carbon Tetrachloride
Concen: 6.67 ug/l
RT: 5.635 min Scan# 773
Delta R.T. -0.123 min
Lab File: VX021354.D
Acq: 22 Mar 2021 13:45

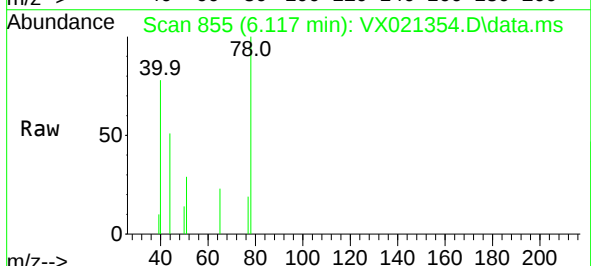
Instrument :
MSVOA_X
ClientSampleId :



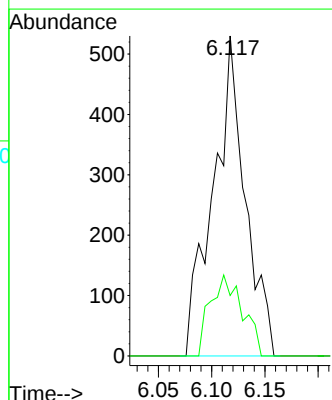
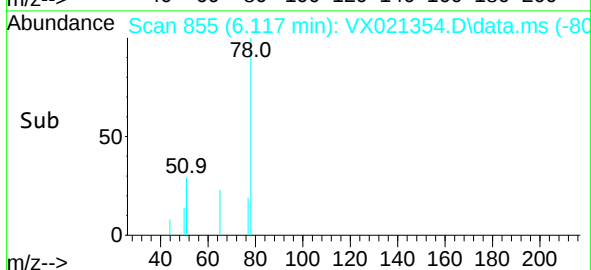
Tgt Ion:117 Resp: 9476
Ion Ratio Lower Upper
117 100
119 4.3 76.2 114.2#
121 0.0 24.8 37.2#

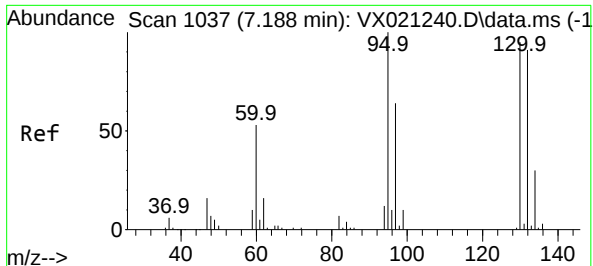


#40
Benzene
Concen: 0.30 ug/l
RT: 6.117 min Scan# 855
Delta R.T. 0.006 min
Lab File: VX021354.D
Acq: 22 Mar 2021 13:45



Tgt Ion: 78 Resp: 1113
Ion Ratio Lower Upper
78 100
77 18.9 18.9 28.3#





#44

Trichloroethene

Concen: 14.89 ug/l

RT: 7.188 min Scan# 1037

Delta R.T. -0.000 min

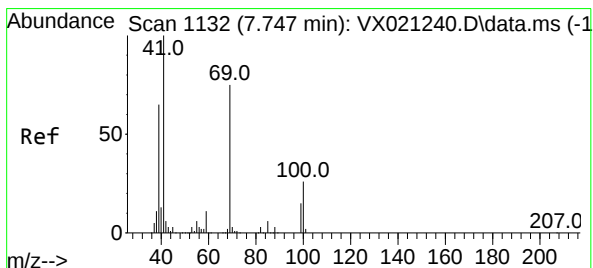
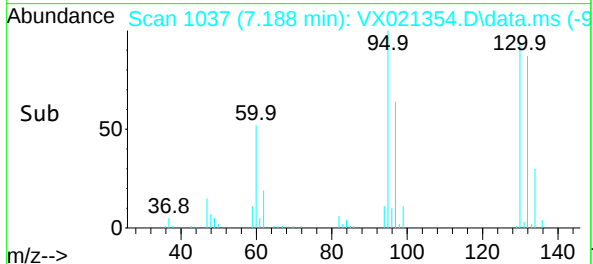
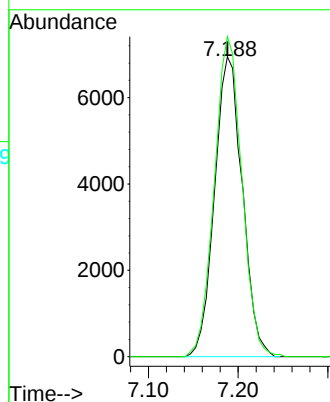
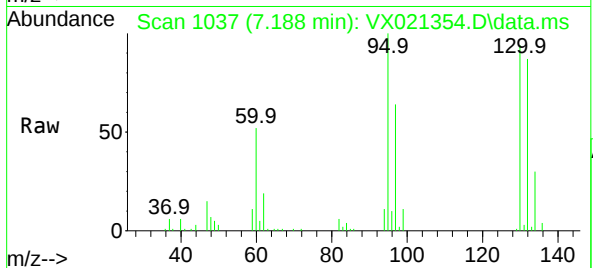
Lab File: VX021354.D

Acq: 22 Mar 2021 13:45

Tgt Ion:130 Resp: 14911

Ion Ratio Lower Upper

130	100		
95	106.7	0.0	198.0



#48

Methyl methacrylate

Concen: 0.38 ug/l

RT: 7.741 min Scan# 1131

Delta R.T. -0.006 min

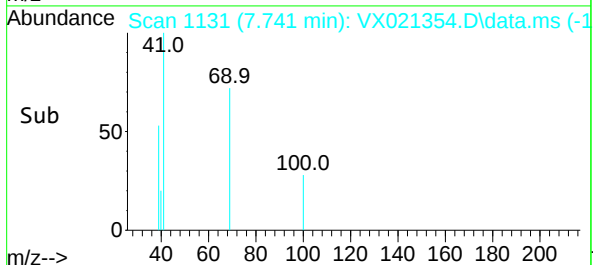
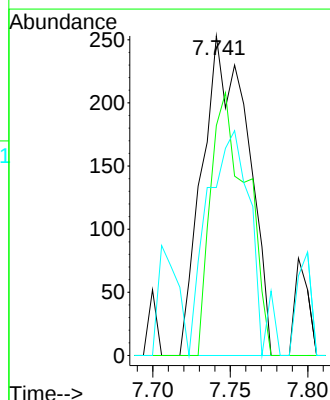
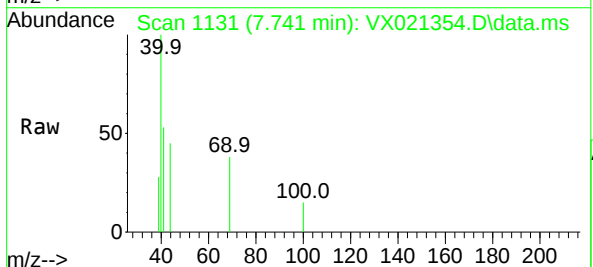
Lab File: VX021354.D

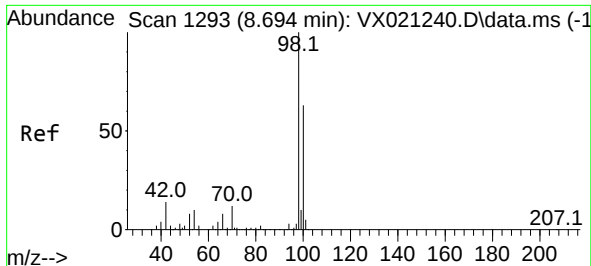
Acq: 22 Mar 2021 13:45

Tgt Ion: 41 Resp: 518

Ion Ratio Lower Upper

41	100		
69	65.4	76.0	114.0#
39	67.4	44.6	67.0#

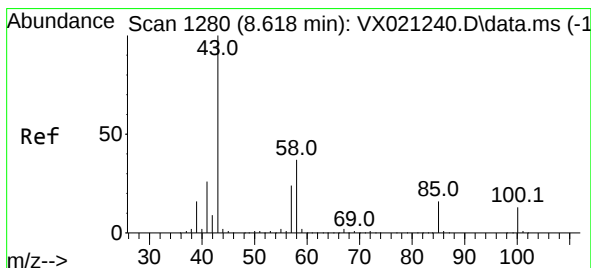
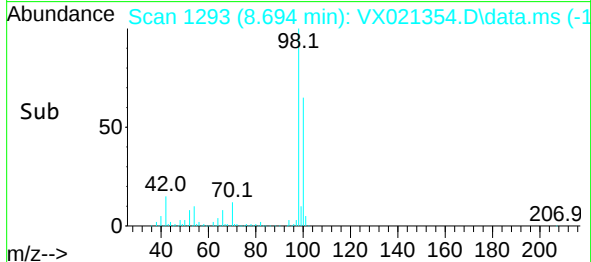
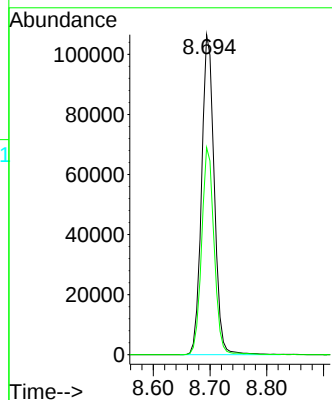
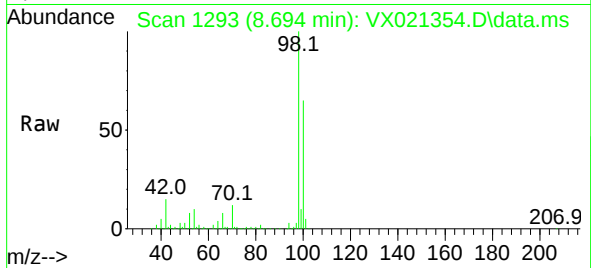




#50
Toluene-d8
Concen: 49.18 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021354.D
Acq: 22 Mar 2021 13:45

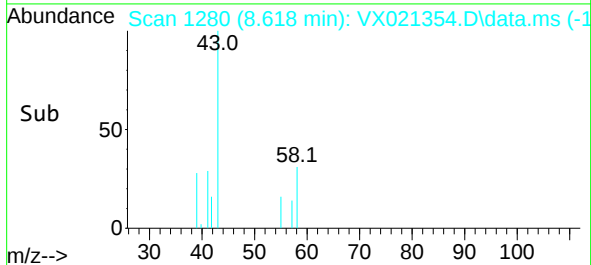
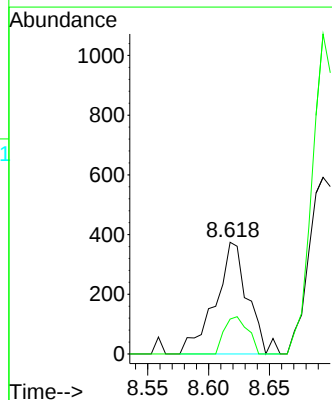
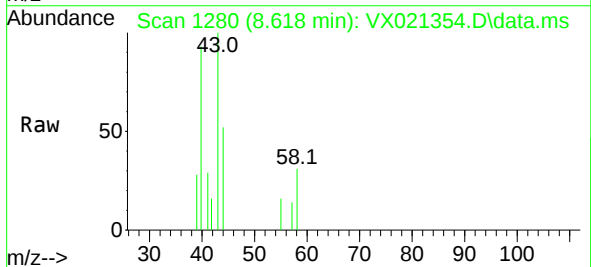
Instrument :
MSVOA_X
ClientSampled :

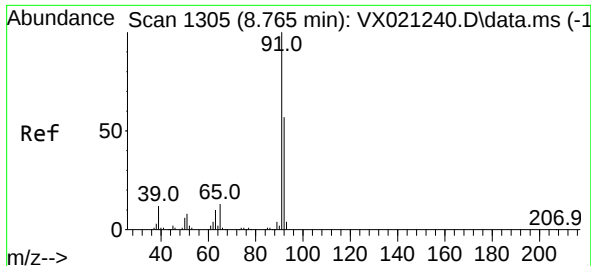
Tgt Ion: 98 Resp: 164904
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.46 ug/l
RT: 8.618 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VX021354.D
Acq: 22 Mar 2021 13:45

Tgt Ion: 43 Resp: 697
Ion Ratio Lower Upper
43 100
58 24.1 35.4 53.0#

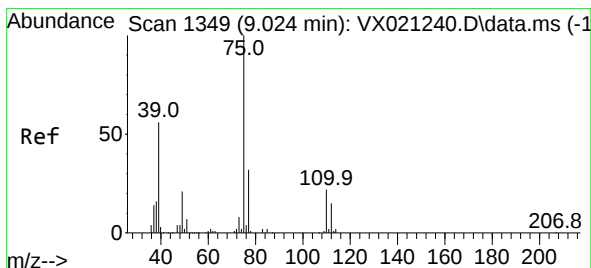
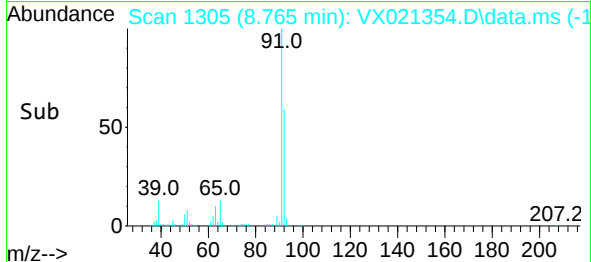
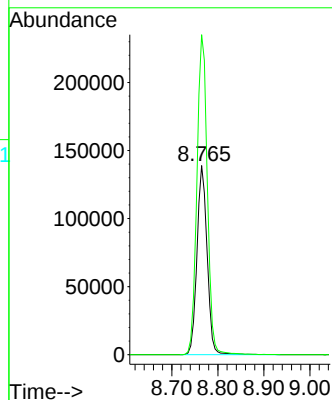
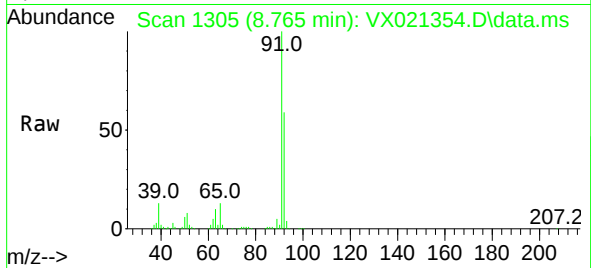




#52
Toluene
Concen: 90.80 ug/l
RT: 8.765 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VX021354.D
Acq: 22 Mar 2021 13:45

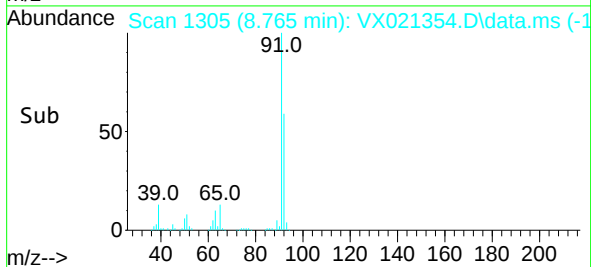
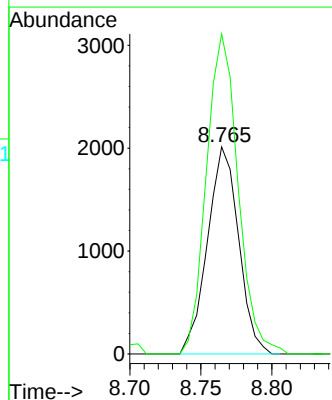
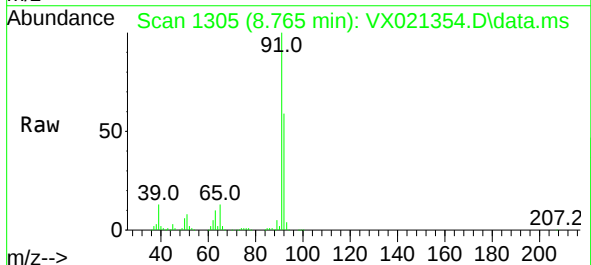
Instrument :
MSVOA_X
ClientSampled :

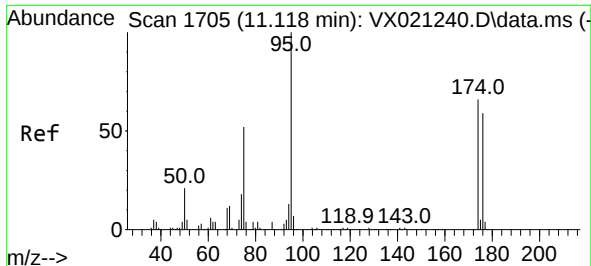
Tgt Ion: 92 Resp: 211719
Ion Ratio Lower Upper
92 100
91 174.0 137.1 205.7



#53
t-1,3-Dichloropropene
Concen: 1.95 ug/l
RT: 8.765 min Scan# 1305
Delta R.T. -0.259 min
Lab File: VX021354.D
Acq: 22 Mar 2021 13:45

Tgt Ion: 75 Resp: 3070
Ion Ratio Lower Upper
75 100
77 154.5 24.9 37.3#

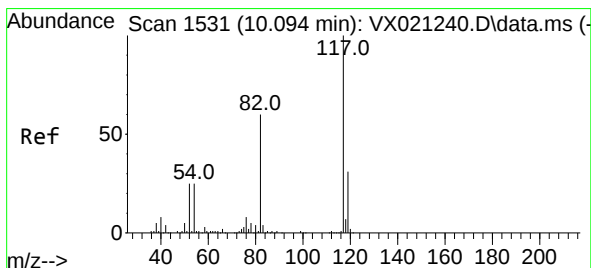
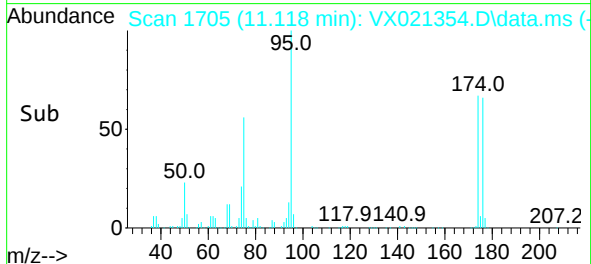
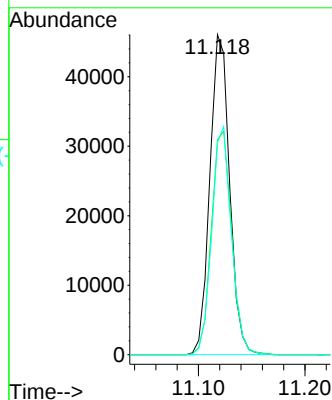
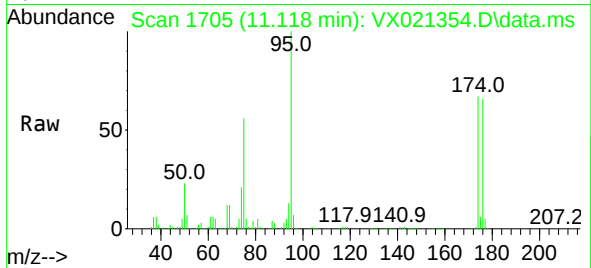




#62
4-Bromofluorobenzene
Concen: 45.52 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021354.D
Acq: 22 Mar 2021 13:45

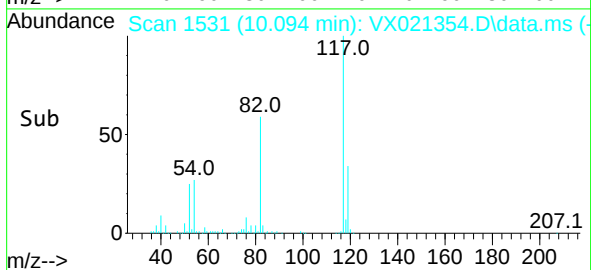
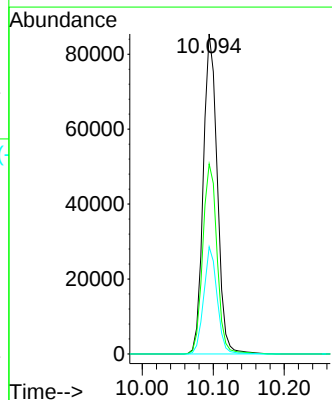
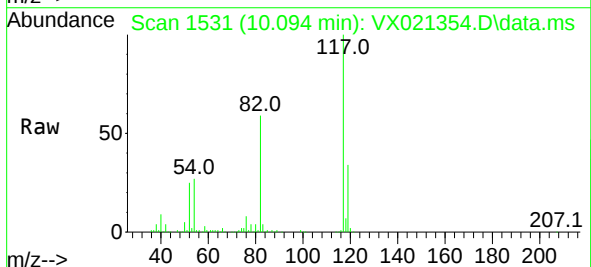
Instrument :
MSVOA_X
ClientSampleId :

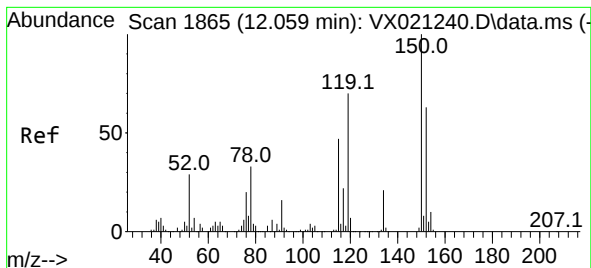
Tgt Ion: 95 Resp: 59273
Ion Ratio Lower Upper
95 100
174 71.9 0.0 154.6
176 70.6 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021354.D
Acq: 22 Mar 2021 13:45

Tgt Ion: 117 Resp: 117523
Ion Ratio Lower Upper
117 100
82 59.4 47.4 71.2
119 33.5 26.6 39.8

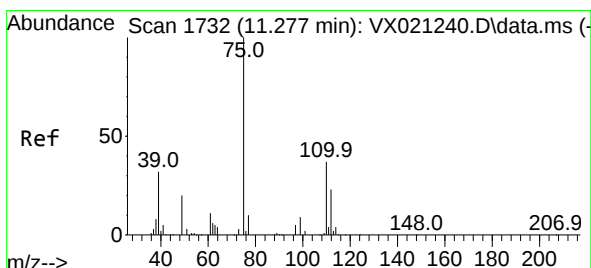
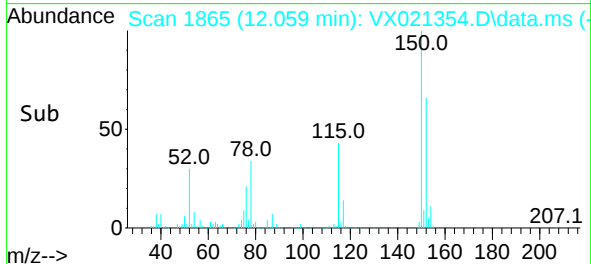
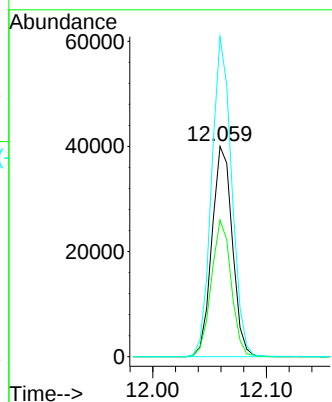
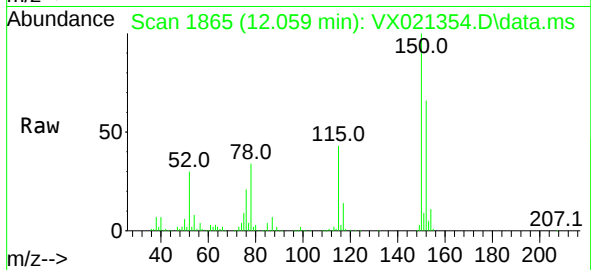




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021354.D
Acq: 22 Mar 2021 13:45

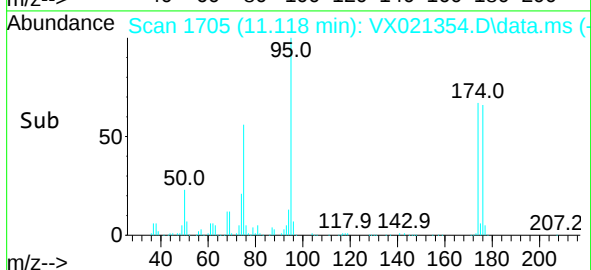
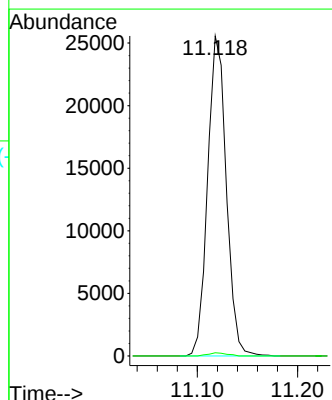
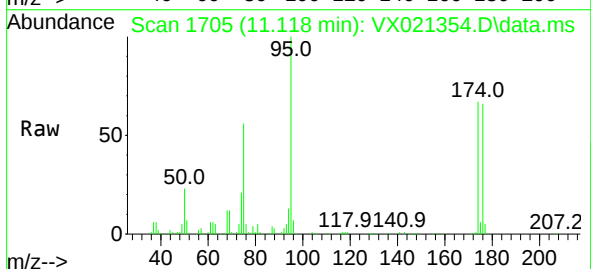
Instrument :
MSVOA_X
ClientSampled :

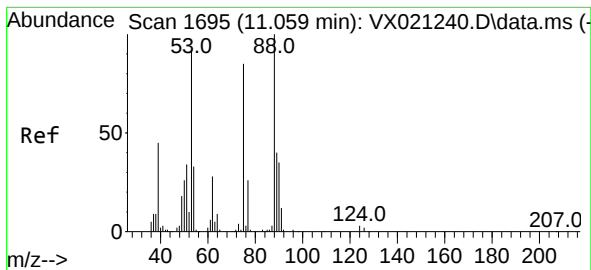
Tgt Ion:152 Resp: 49899
Ion Ratio Lower Upper
152 100
115 63.1 41.1 123.3
150 149.7 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 28.57 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021354.D
Acq: 22 Mar 2021 13:45

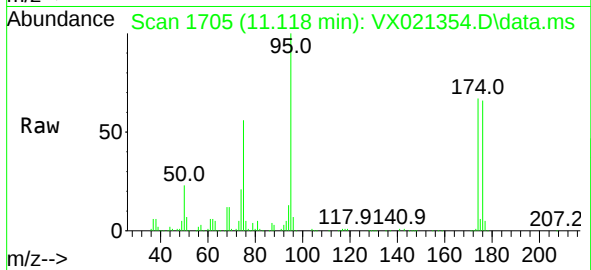
Tgt Ion: 75 Resp: 33073
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.57 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021354.D
 Acq: 22 Mar 2021 13:45

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 33073
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.5 111.7#
 89 0.0 37.9 56.9#

