

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060321\
 Data File : VX022359.D
 Acq On : 03 Jun 2021 12:26
 Operator : JC/MD
 Sample : M2560-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S1-D-BOTTOM

Quant Time: Jun 03 13:05:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

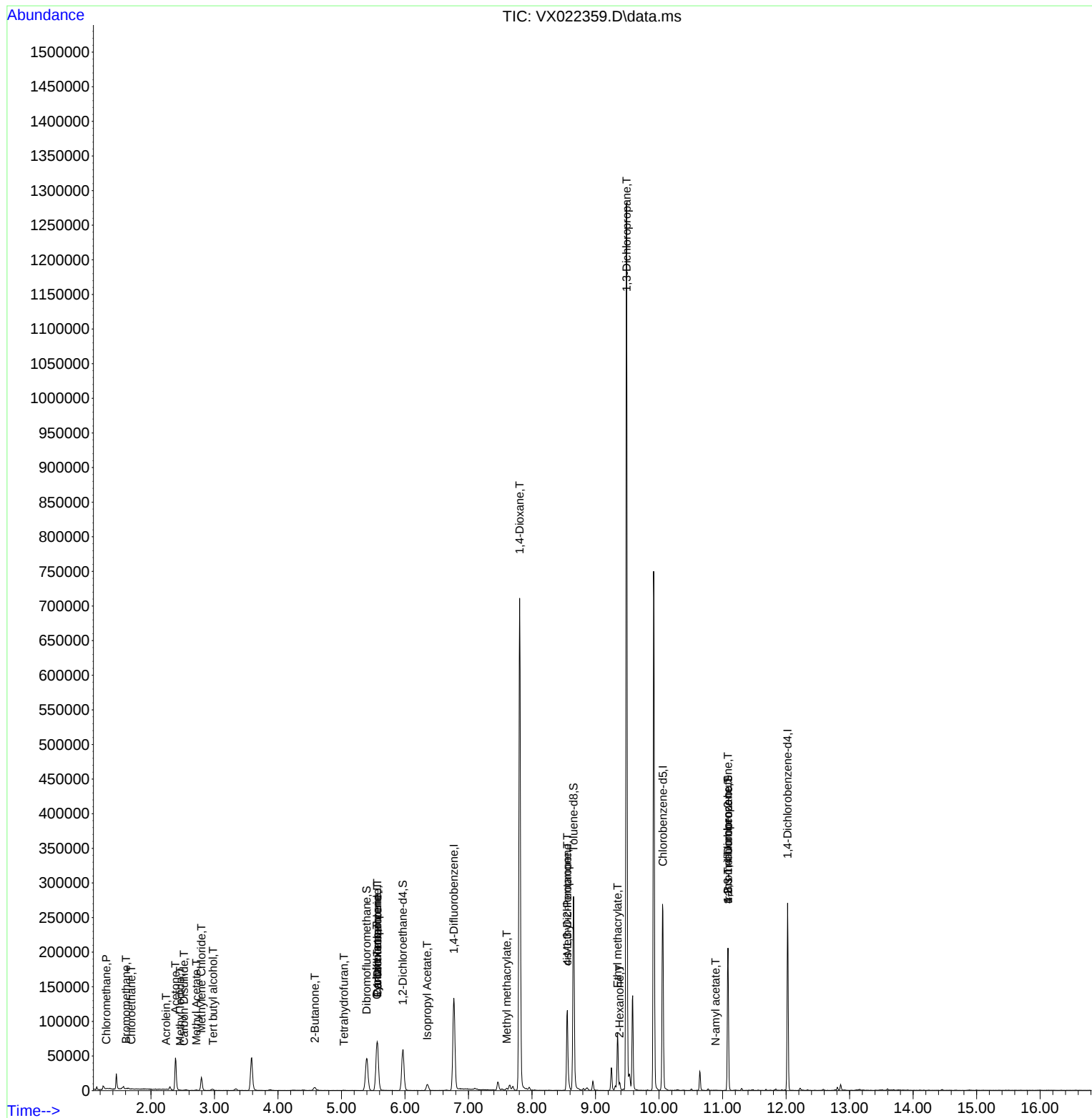
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	62343	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	130732	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	119828	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	47501	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	53240	55.36	ug/l	0.00
Spiked Amount 50.000	Range	78 - 117	Recovery	= 110.72%		
35) Dibromofluoromethane	5.397	113	39957	48.20	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	= 96.40%		
50) Toluene-d8	8.653	98	163850	51.31	ug/l	0.00
Spiked Amount 50.000	Range	92 - 112	Recovery	= 102.62%		
62) 4-Bromofluorobenzene	11.085	95	57893	49.05	ug/l	0.00
Spiked Amount 50.000	Range	83 - 123	Recovery	= 98.10%		
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	175	0.21	ug/l	# 42
5) Bromomethane	1.605	94	226	0.45	ug/l	# 46
6) Chloroethane	1.691	64	120	0.23	ug/l	# 43
10) Methyl Iodide	2.459	142	219	0.28	ug/l	# 42
11) Tert butyl alcohol	2.977	59	2112	9.60	ug/l	# 84
13) Acrolein	2.239	56	138	0.95	ug/l	# 1
16) Acetone	2.386	43	47815	114.19	ug/l	99
17) Carbon Disulfide	2.520	76	384	0.21	ug/l	# 75
18) Methyl Acetate	2.715	43	977	0.88	ug/l	# 67
20) Methylene Chloride	2.794	84	7896	8.49	ug/l	# 77
25) 2-Butanone	4.580	43	7693	11.36	ug/l	# 80
29) Tetrahydrofuran	5.038	42	326	0.81	ug/l	# 39
31) Cyclohexane	5.556	56	1788	1.48	ug/l	# 14
36) 1,1-Dichloropropene	5.562	75	5901	4.88	ug/l	# 48
38) Carbon Tetrachloride	5.562	117	7298	6.17	ug/l	# 17
43) Isopropyl Acetate	6.348	43	12481	5.15	ug/l	94
48) Methyl methacrylate	7.604	41	3931	3.52	ug/l	# 10
49) 1,4-Dioxane	7.805	88	20	0.92	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.555	43	44813	30.86	ug/l	# 42
54) cis-1,3-Dichloropropene	8.555	75	18736	11.72	ug/l	# 64
56) Ethyl methacrylate	9.348	69	504	0.33	ug/l	# 1
57) 1,3-Dichloropropane	9.488	76	10886	6.67	ug/l	# 42
59) 2-Hexanone	9.378	43	5064	4.64	ug/l	# 19
74) N-amyl acetate	10.890	43	411	0.22	ug/l	# 41
76) 1,2,3-Trichloropropane	11.085	75	30205	25.78	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	30205	61.07	ug/l	# 12

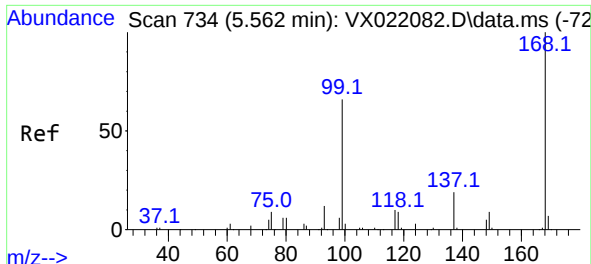
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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S1-D-BOTTOM

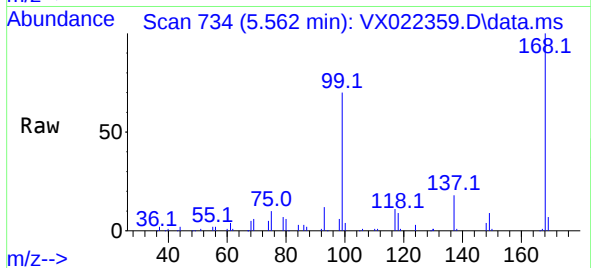
Quant Time: Jun 03 13:05:50 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
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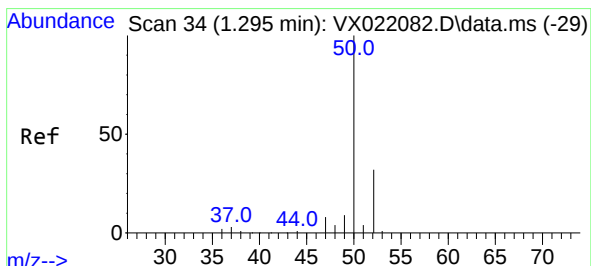
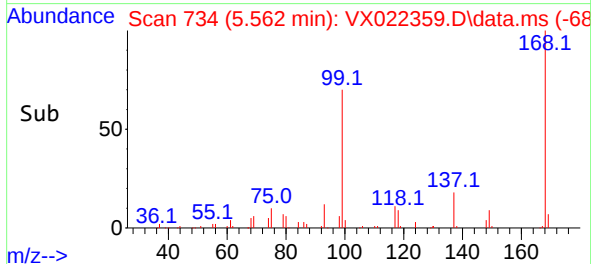
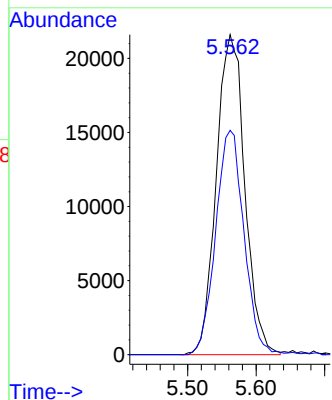


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022359.D
Acq: 03 Jun 2021 12:26

Instrument :
MSVOA_X
ClientSampleId :
S1-D-BOTTOM

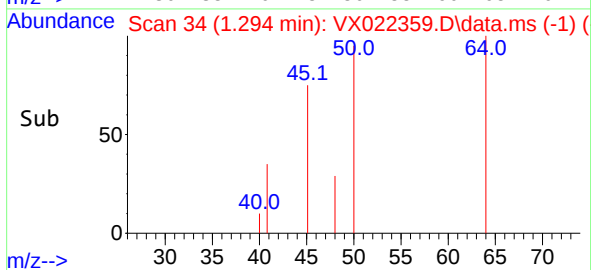
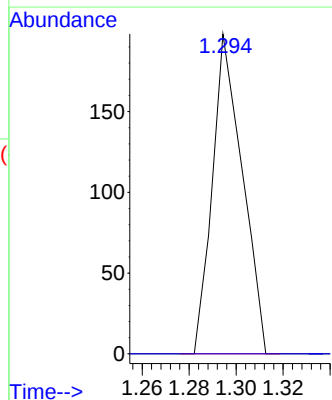
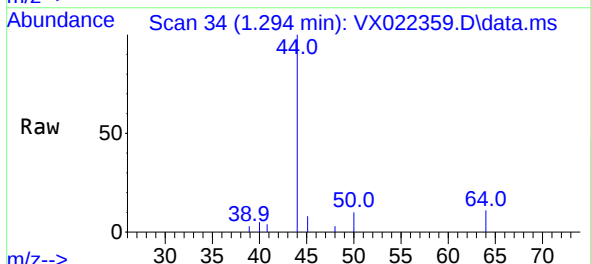


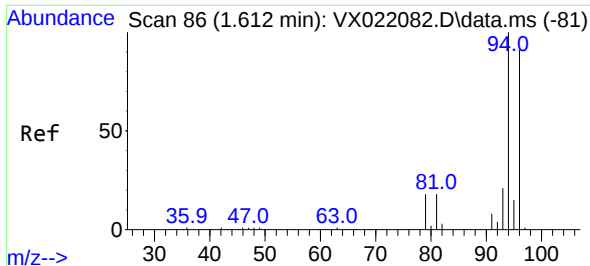
Tgt Ion:168 Resp: 62343
Ion Ratio Lower Upper
168 100
99 70.1 45.8 68.6#



#3
Chloromethane
Concen: 0.21 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX022359.D
Acq: 03 Jun 2021 12:26

Tgt Ion: 50 Resp: 175
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

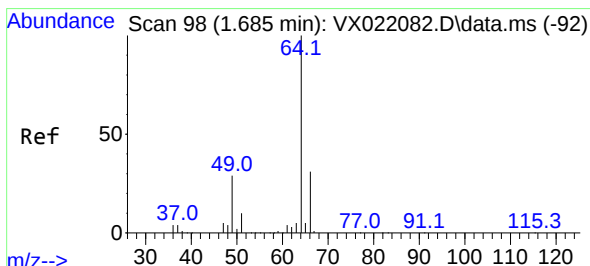
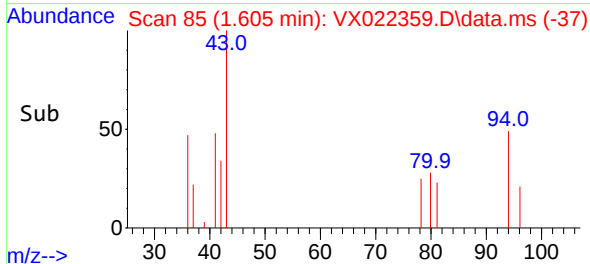
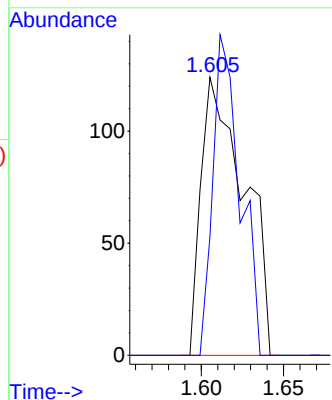
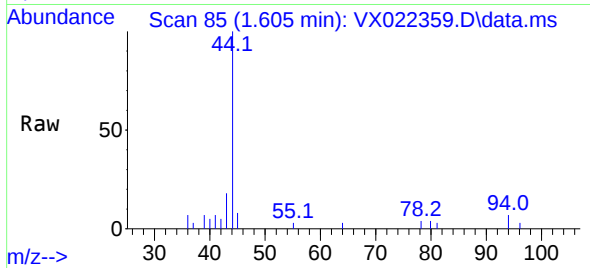




#5
Bromomethane
Concen: 0.45 ug/l
RT: 1.605 min Scan# 85
Delta R.T. -0.007 min
Lab File: VX022359.D
Acq: 03 Jun 2021 12:26

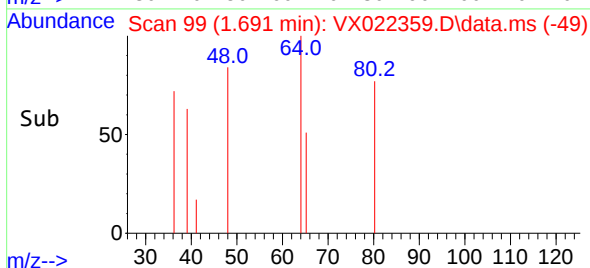
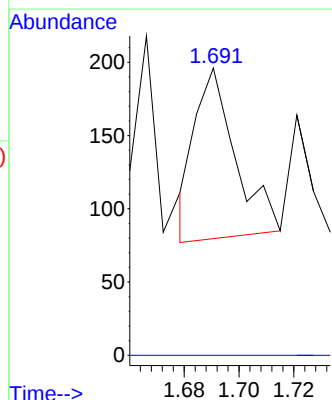
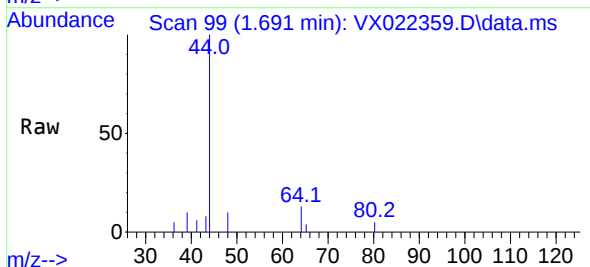
Instrument :
MSVOA_X
ClientSampleId :
S1-D-BOTTOM

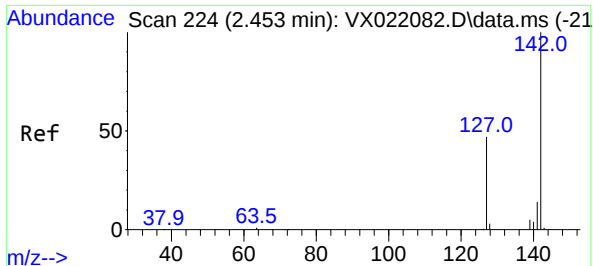
Tgt Ion: 94 Resp: 226
Ion Ratio Lower Upper
94 100
96 42.7 76.4 114.6#



#6
Chloroethane
Concen: 0.23 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX022359.D
Acq: 03 Jun 2021 12:26

Tgt Ion: 64 Resp: 120
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

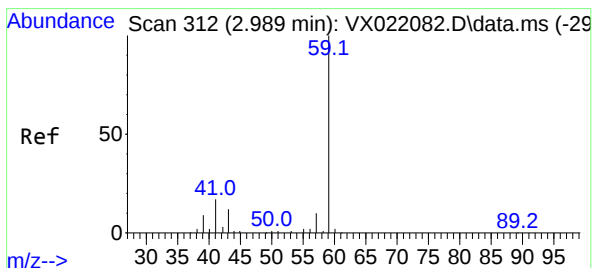
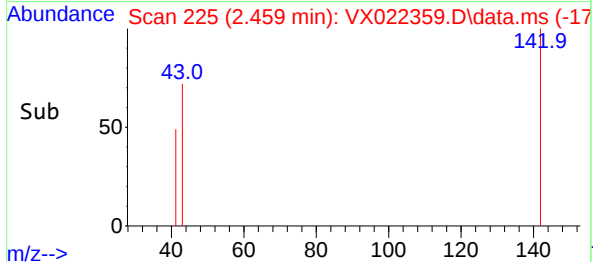
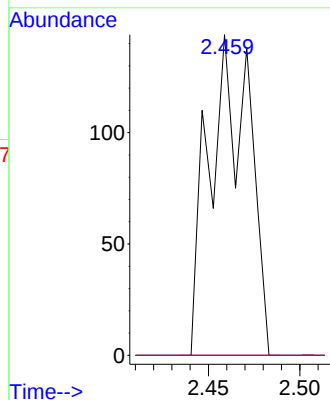
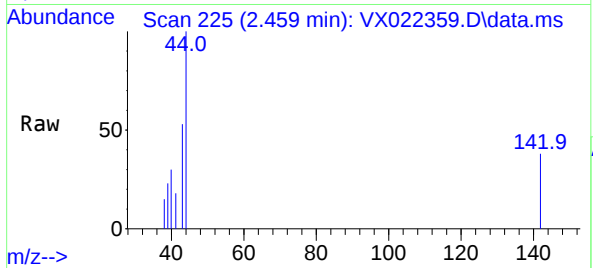




#10
Methyl Iodide
Concen: 0.28 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX022359.D
Acq: 03 Jun 2021 12:26

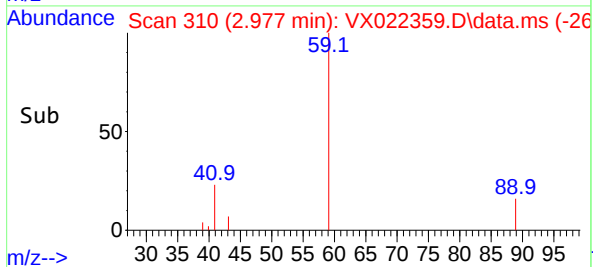
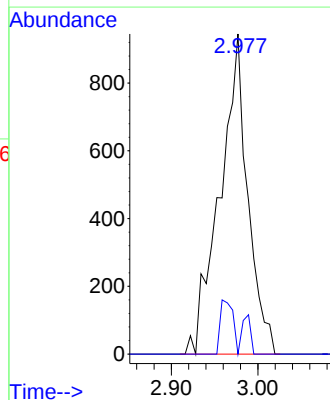
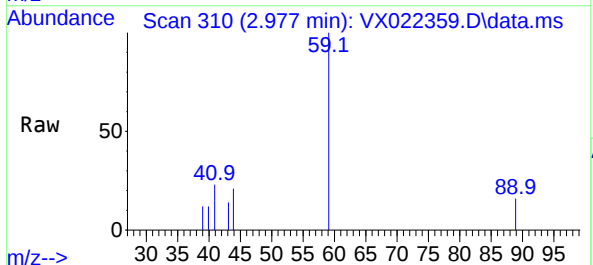
Instrument :
MSVOA_X
ClientSampleId :
S1-D-BOTTOM

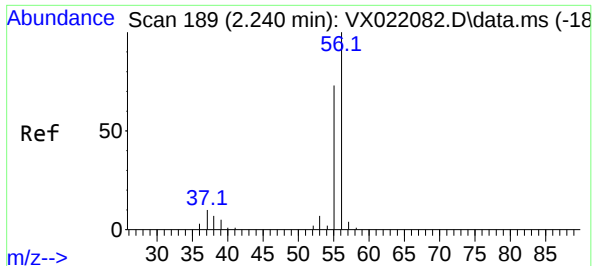
Tgt Ion:142 Resp: 219
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 9.60 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.012 min
Lab File: VX022359.D
Acq: 03 Jun 2021 12:26

Tgt Ion: 59 Resp: 2112
Ion Ratio Lower Upper
59 100
57 3.7 7.8 11.8#

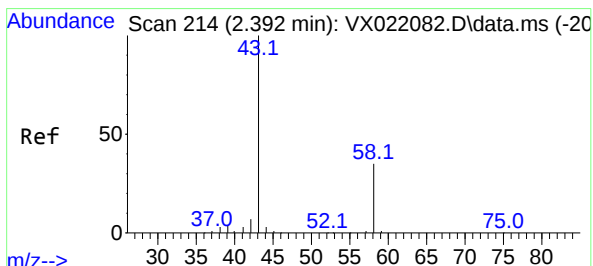
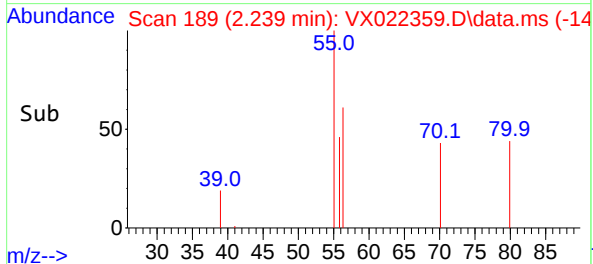
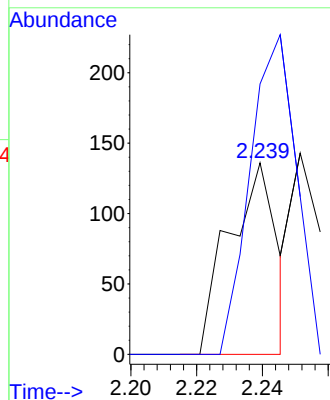
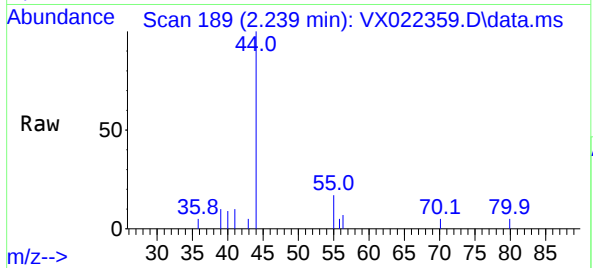




#13
Acrolein
Concen: 0.95 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.001 min
Lab File: VX022359.D
Acq: 03 Jun 2021 12:26

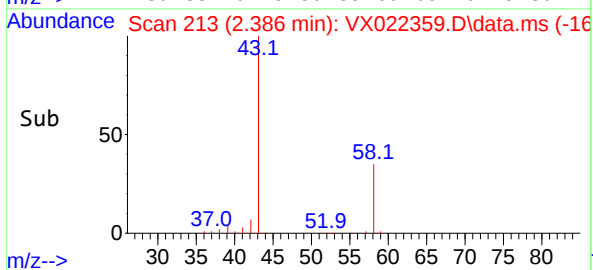
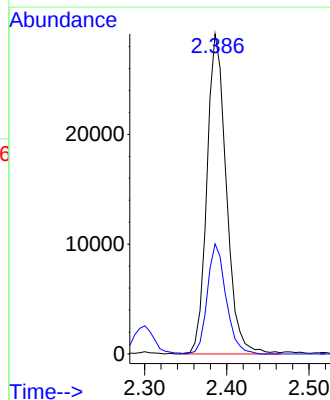
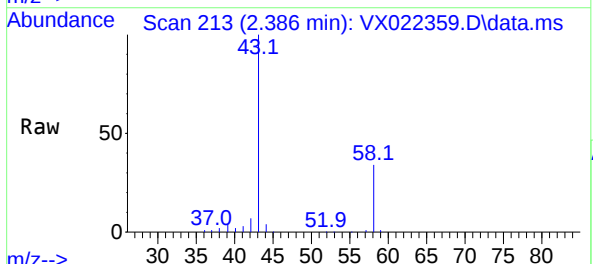
Instrument :
MSVOA_X
ClientSampleId :
S1-D-BOTTOM

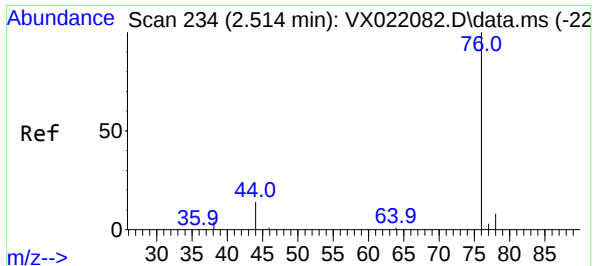
Tgt Ion: 56 Resp: 138
Ion Ratio Lower Upper
56 100
55 159.4 56.4 84.6#



#16
Acetone
Concen: 114.19 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022359.D
Acq: 03 Jun 2021 12:26

Tgt Ion: 43 Resp: 47815
Ion Ratio Lower Upper
43 100
58 34.4 27.8 41.8

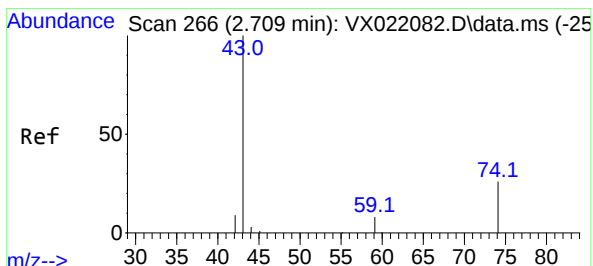
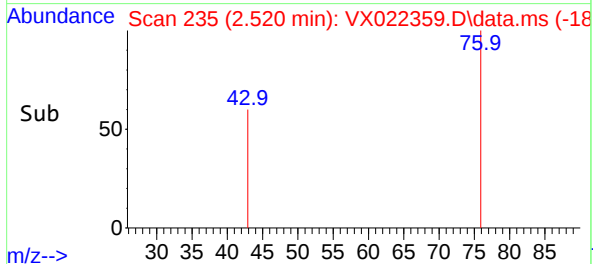
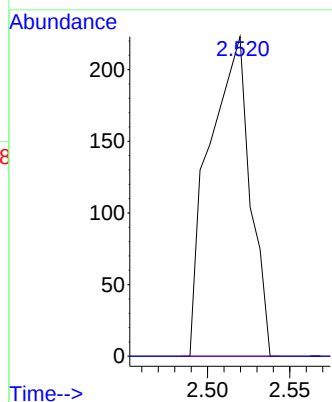
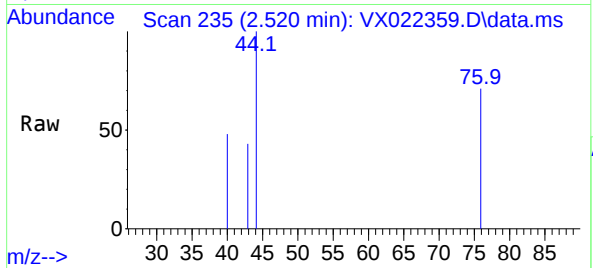




#17
Carbon Disulfide
Concen: 0.21 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX022359.D
Acq: 03 Jun 2021 12:26

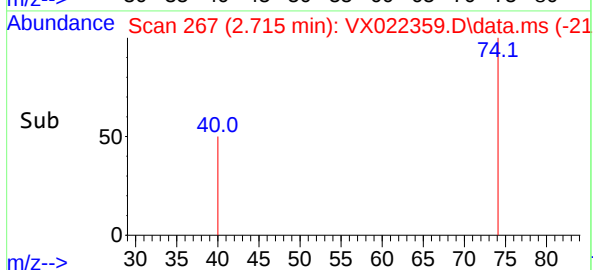
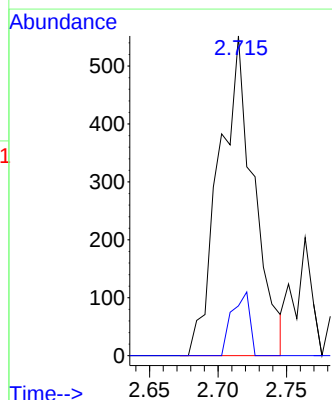
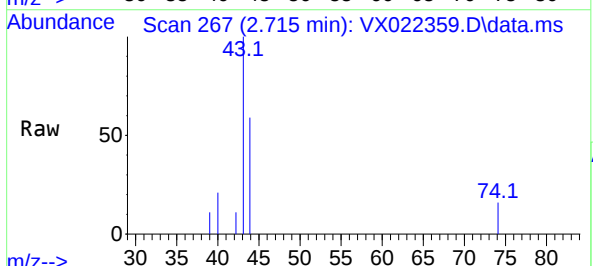
Instrument :
MSVOA_X
ClientSampleId :
S1-D-BOTTOM

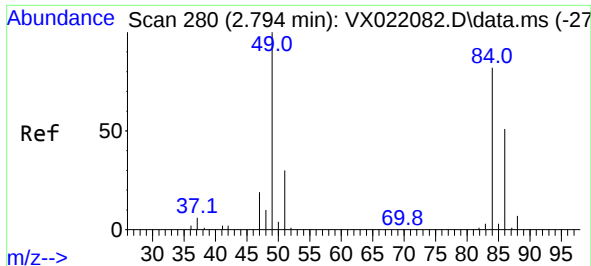
Tgt Ion: 76 Resp: 384
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.88 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX022359.D
Acq: 03 Jun 2021 12:26

Tgt Ion: 43 Resp: 977
Ion Ratio Lower Upper
43 100
74 10.1 21.9 32.9#





#20

Methylene Chloride

Concen: 8.49 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX022359.D

Acq: 03 Jun 2021 12:26

Instrument :

MSVOA_X

ClientSampleId :

S1-D-BOTTOM

Tgt Ion: 84 Resp: 7896

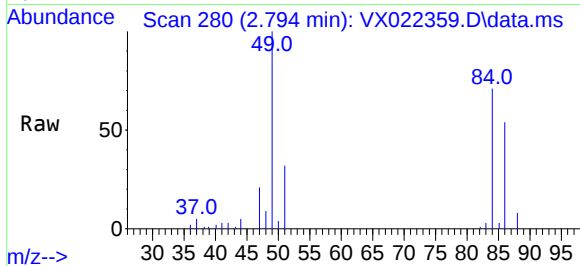
Ion Ratio Lower Upper

84 100

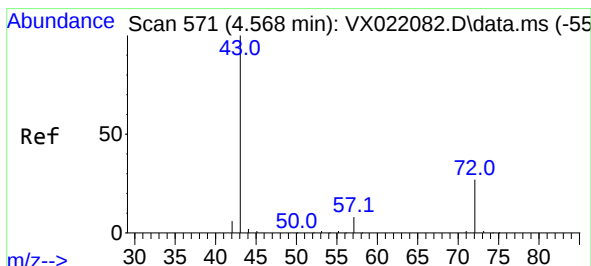
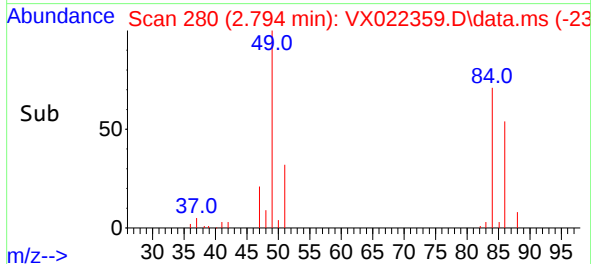
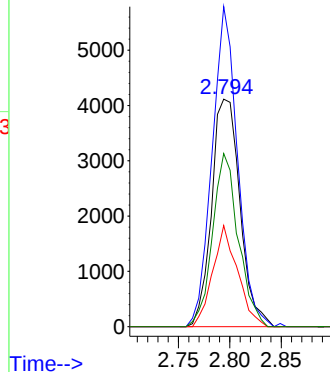
49 140.6 88.6 132.8#

51 44.4 27.0 40.6#

86 76.0 50.3 75.5#



Abundance



#25

2-Butanone

Concen: 11.36 ug/l

RT: 4.580 min Scan# 573

Delta R.T. 0.012 min

Lab File: VX022359.D

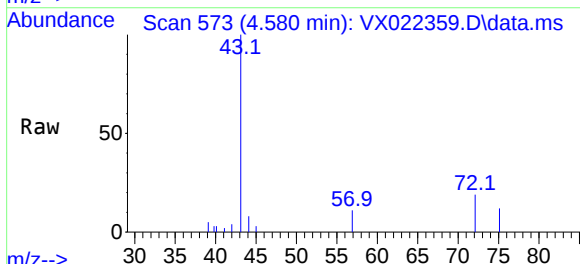
Acq: 03 Jun 2021 12:26

Tgt Ion: 43 Resp: 7693

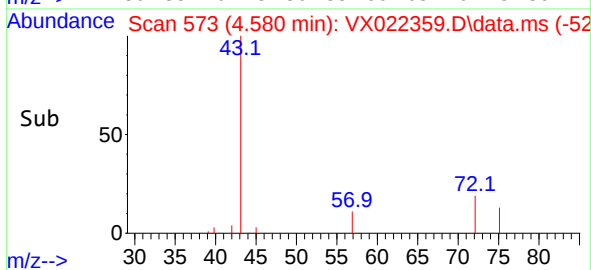
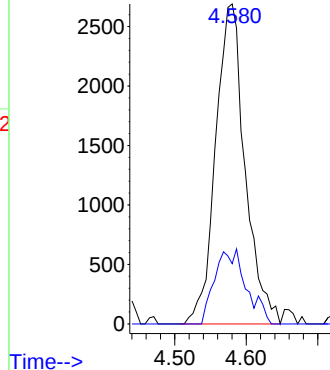
Ion Ratio Lower Upper

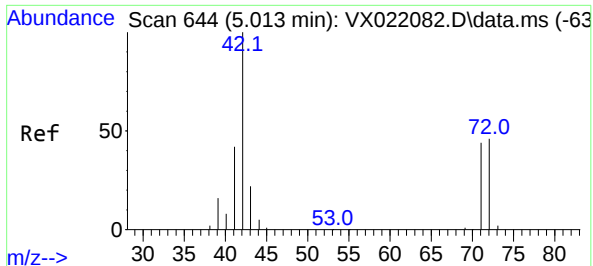
43 100

72 18.8 23.7 35.5#



Abundance





#29

Tetrahydrofuran

Concen: 0.81 ug/l

RT: 5.038 min Scan# 648

Delta R.T. 0.025 min

Lab File: VX022359.D

Acq: 03 Jun 2021 12:26

Tgt Ion: 42 Resp: 326

Ion Ratio Lower Upper

42 100

72 5.8 41.7 62.5#

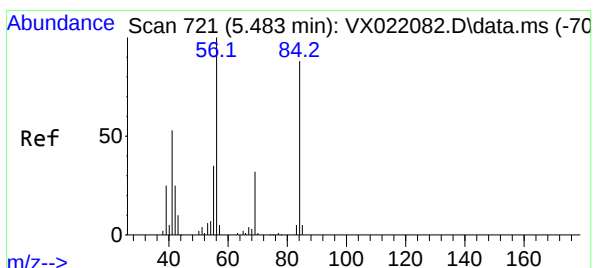
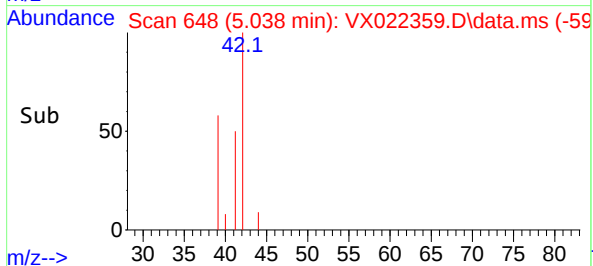
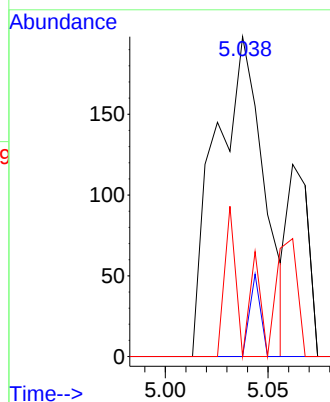
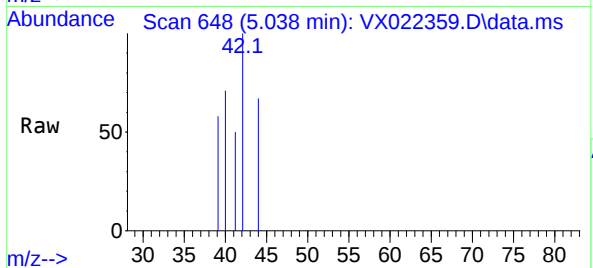
71 10.4 38.4 57.6#

Instrument :

MSVOA_X

ClientSampleId :

S1-D-BOTTOM



#31

Cyclohexane

Concen: 1.48 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.073 min

Lab File: VX022359.D

Acq: 03 Jun 2021 12:26

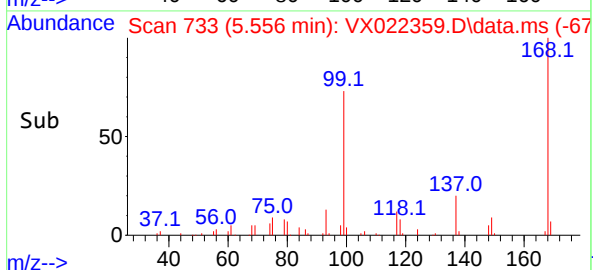
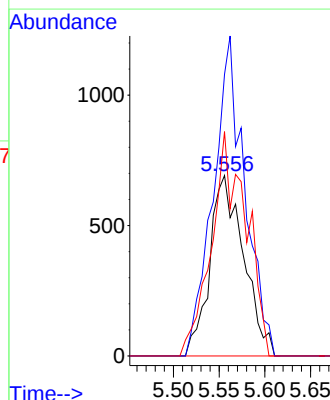
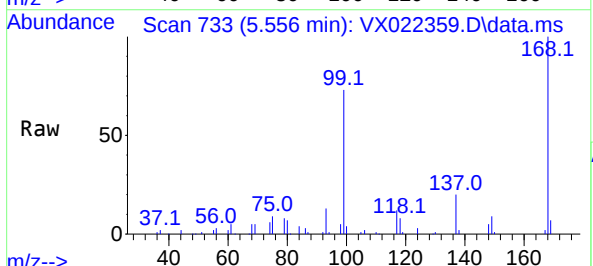
Tgt Ion: 56 Resp: 1788

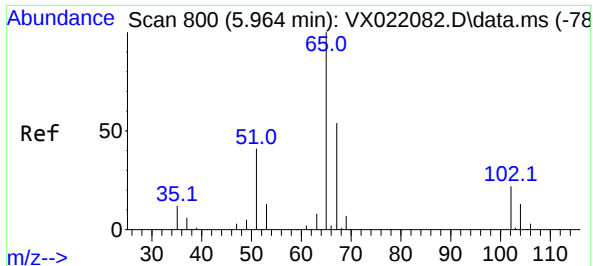
Ion Ratio Lower Upper

56 100

69 156.1 25.3 37.9#

84 124.3 71.4 107.0#



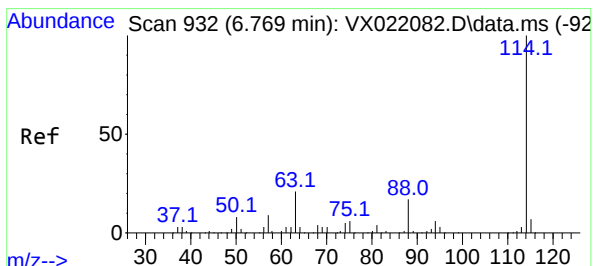
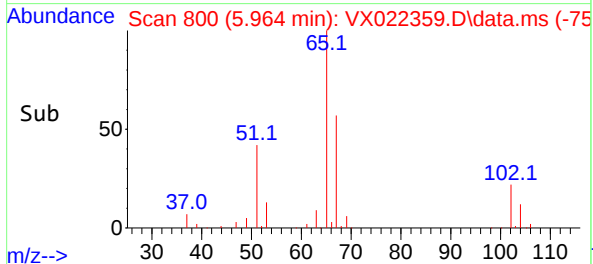
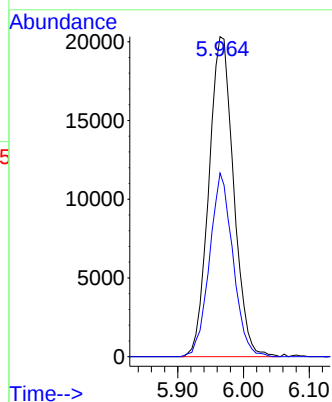
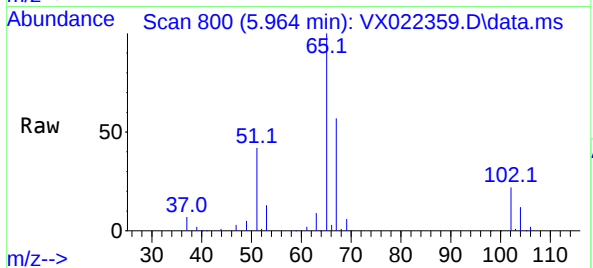


#33

1,2-Dichloroethane-d4
Concen: 55.36 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022359.D
Acq: 03 Jun 2021 12:26

Instrument :
MSVOA_X
ClientSampleId :
S1-D-BOTTOM

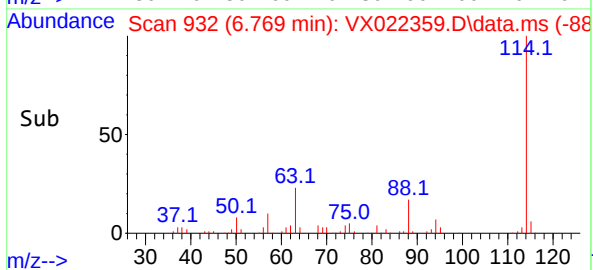
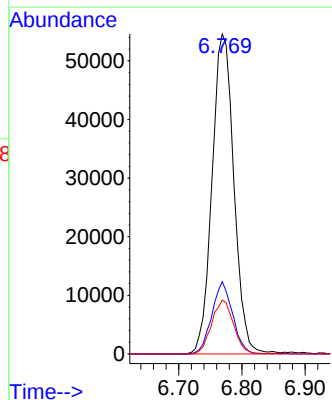
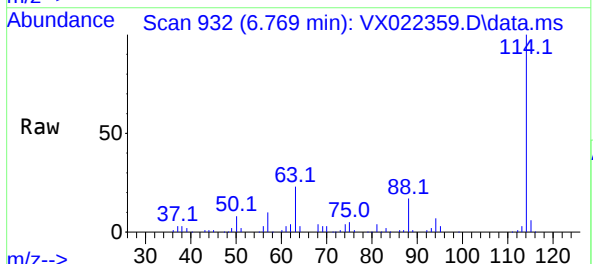
Tgt Ion: 65 Resp: 53240
Ion Ratio Lower Upper
65 100
67 54.4 0.0 105.4

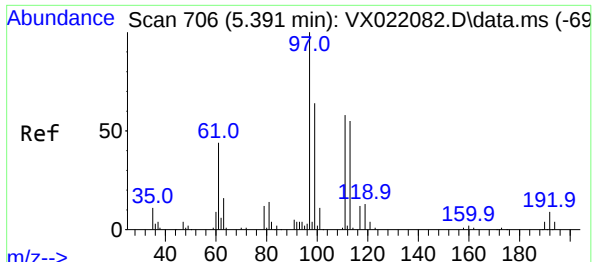


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022359.D
Acq: 03 Jun 2021 12:26

Tgt Ion: 114 Resp: 130732
Ion Ratio Lower Upper
114 100
63 22.6 0.0 40.8
88 16.9 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.20 ug/l

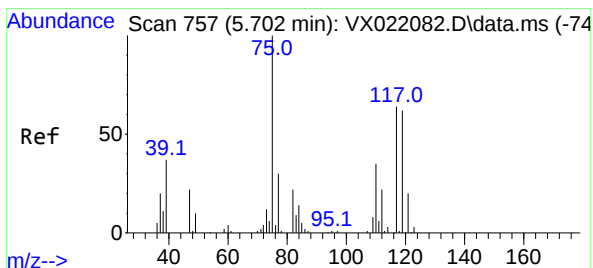
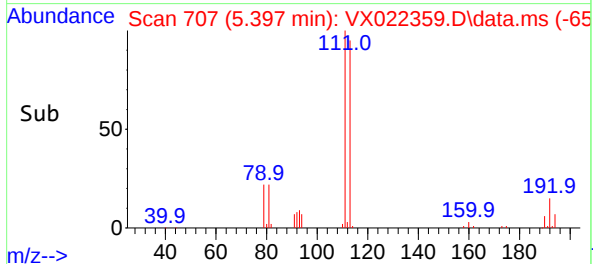
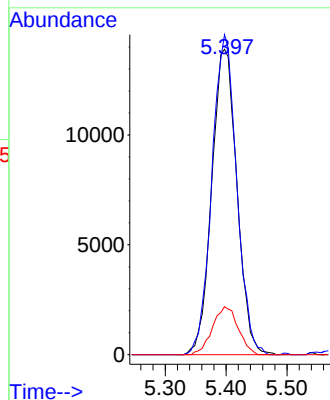
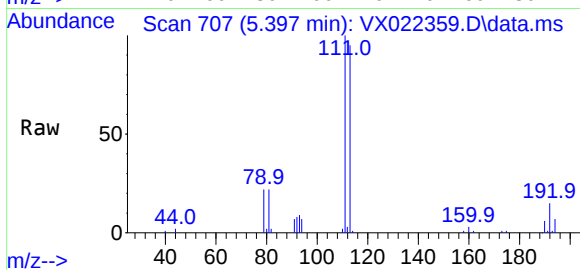
RT: 5.397 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX022359.D

Acq: 03 Jun 2021 12:26

Tgt Ion:	113	Resp:	39957
Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.9	122.9
192	16.0	16.7	25.1#



#36

1,1-Dichloropropene

Concen: 4.88 ug/l

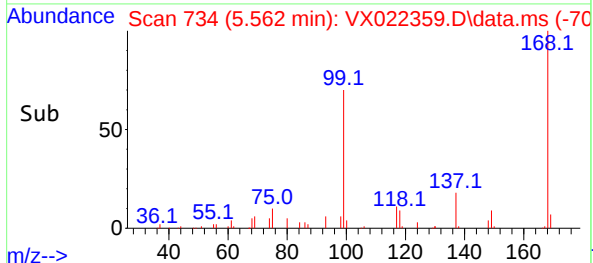
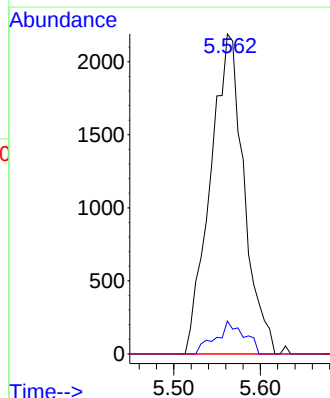
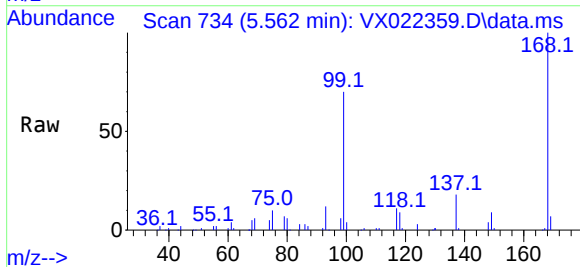
RT: 5.562 min Scan# 734

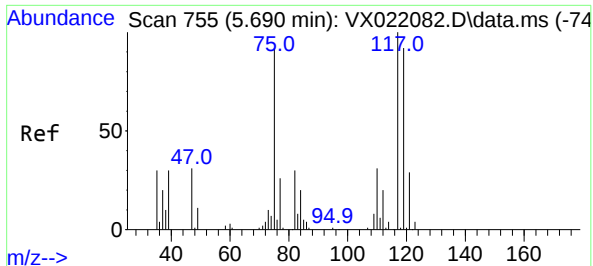
Delta R.T. -0.140 min

Lab File: VX022359.D

Acq: 03 Jun 2021 12:26

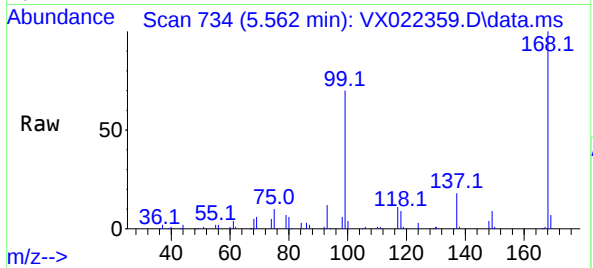
Tgt Ion:	75	Resp:	5901
Ion	Ratio	Lower	Upper
75	100		
110	8.6	18.1	54.4#
77	0.0	25.3	37.9#



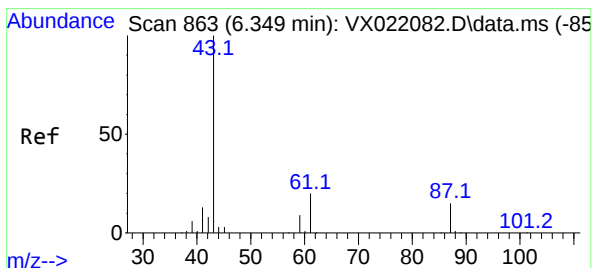
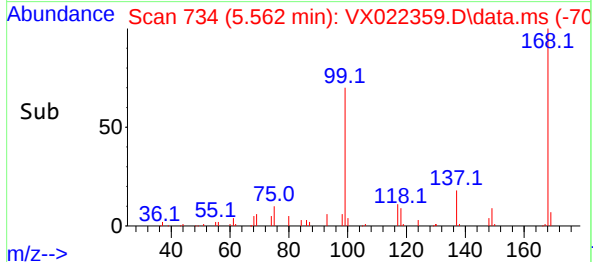
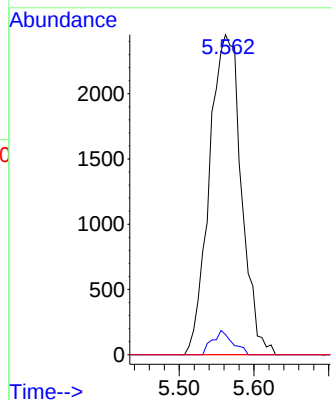


#38
Carbon Tetrachloride
Concen: 6.17 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022359.D
Acq: 03 Jun 2021 12:26

Instrument :
MSVOA_X
ClientSampleId :
S1-D-BOTTOM

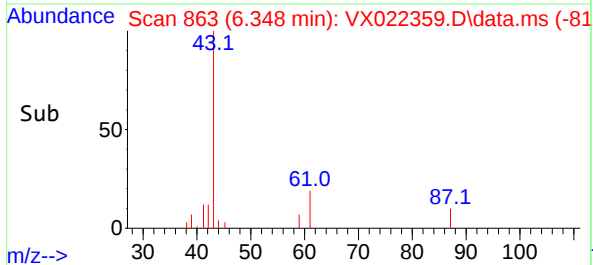
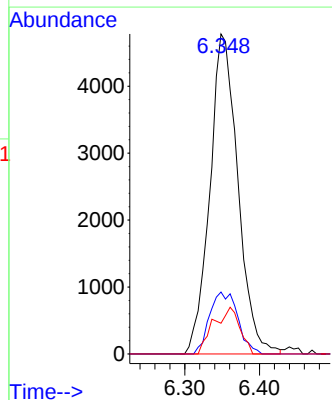
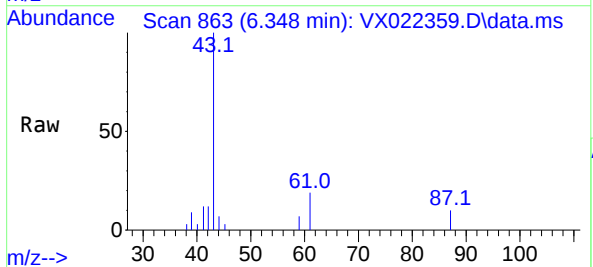


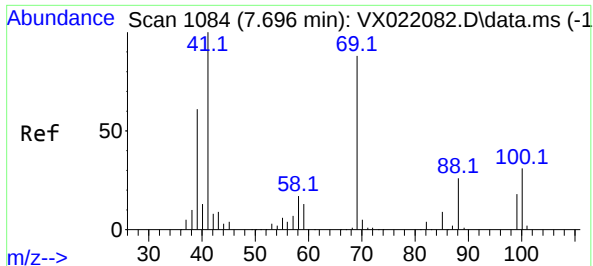
Tgt Ion:117 Resp: 7298
Ion Ratio Lower Upper
117 100
119 6.3 76.2 114.2#
121 0.0 24.8 37.2#



#43
Isopropyl Acetate
Concen: 5.15 ug/l
RT: 6.348 min Scan# 863
Delta R.T. -0.001 min
Lab File: VX022359.D
Acq: 03 Jun 2021 12:26

Tgt Ion: 43 Resp: 12481
Ion Ratio Lower Upper
43 100
61 19.5 18.2 27.4
87 13.5 12.5 18.7



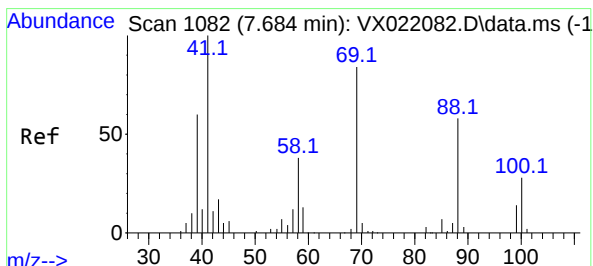
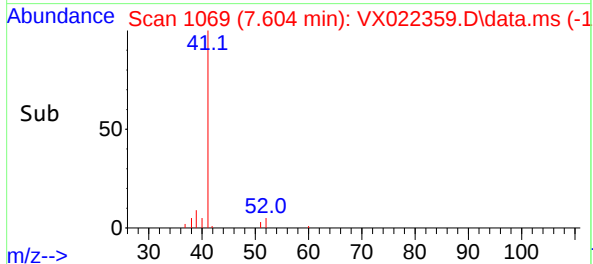
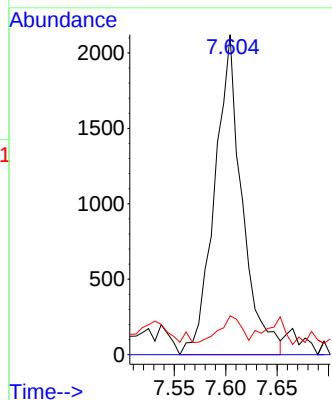
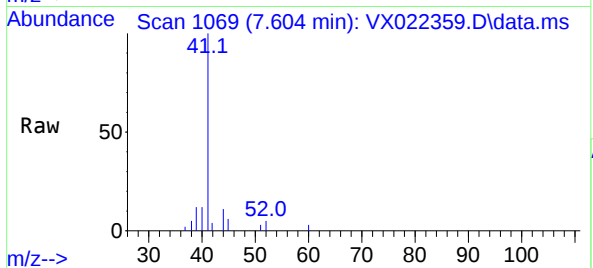


#48

Methyl methacrylate
Concen: 3.52 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.092 min
Lab File: VX022359.D
Acq: 03 Jun 2021 12:26

Instrument :
MSVOA_X
ClientSampleId :
S1-D-BOTTOM

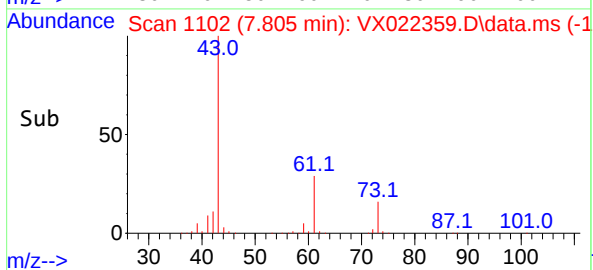
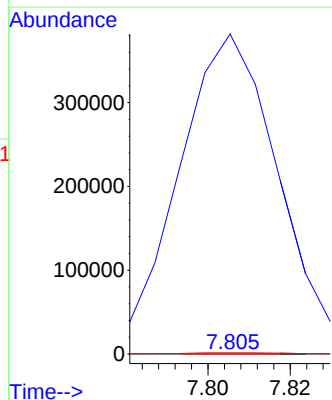
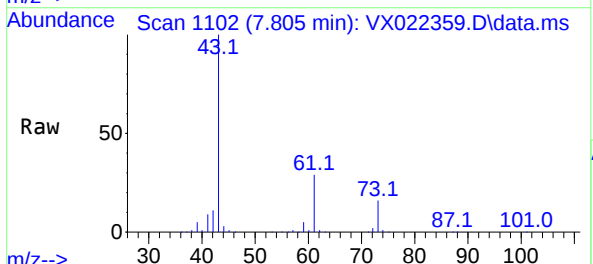
Tgt Ion: 41 Resp: 3931
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#

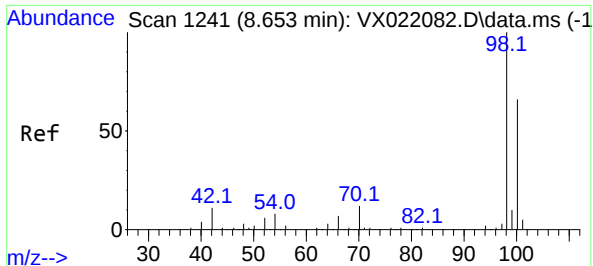


#49

1,4-Dioxane
Concen: 0.92 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. 0.121 min
Lab File: VX022359.D
Acq: 03 Jun 2021 12:26

Tgt Ion: 88 Resp: 20
Ion Ratio Lower Upper
88 100
43 3310820.0 23.2 34.8#
58 12455.0 55.0 82.4#

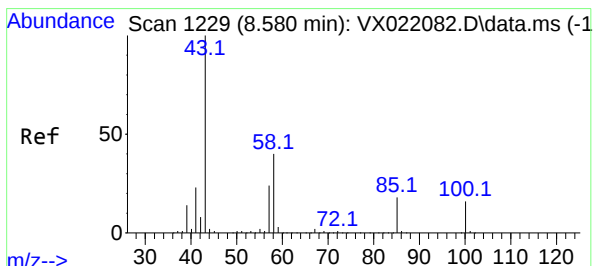
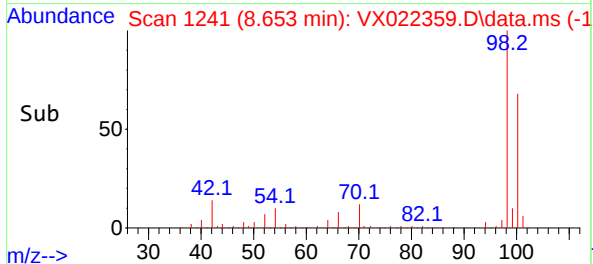
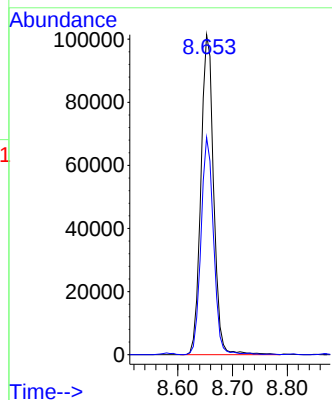
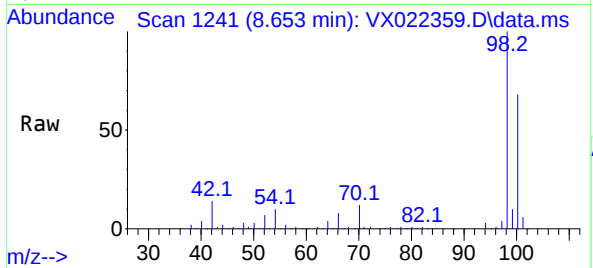




#50
Toluene-d8
Concen: 51.31 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022359.D
Acq: 03 Jun 2021 12:26

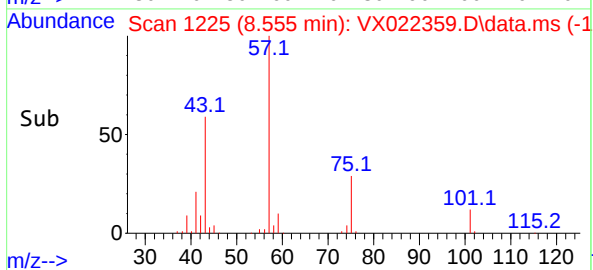
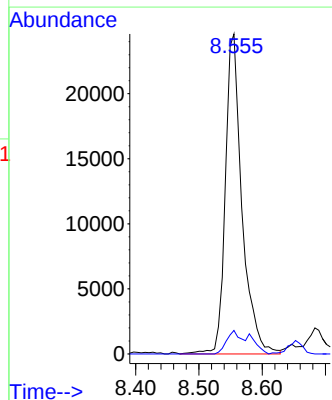
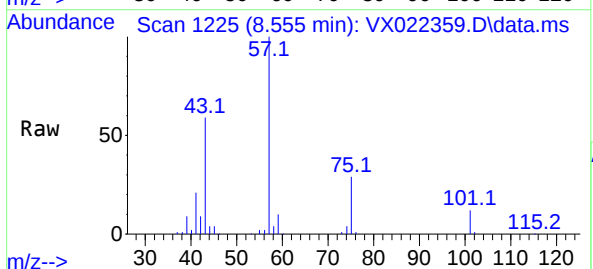
Instrument :
MSVOA_X
ClientSampleId :
S1-D-BOTTOM

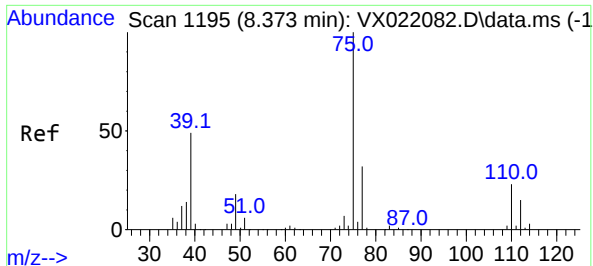
Tgt Ion: 98 Resp: 163850
Ion Ratio Lower Upper
98 100
100 66.6 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 30.86 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022359.D
Acq: 03 Jun 2021 12:26

Tgt Ion: 43 Resp: 44813
Ion Ratio Lower Upper
43 100
58 6.8 35.4 53.0#

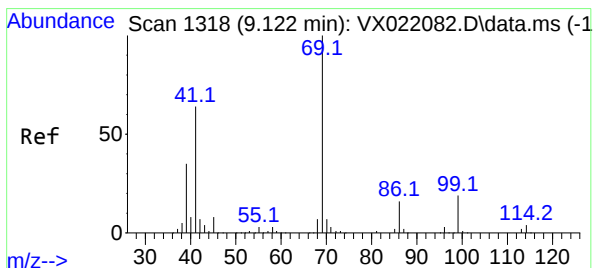
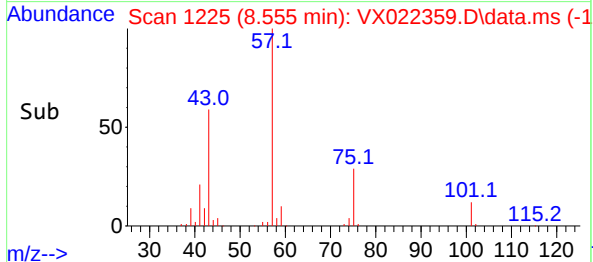
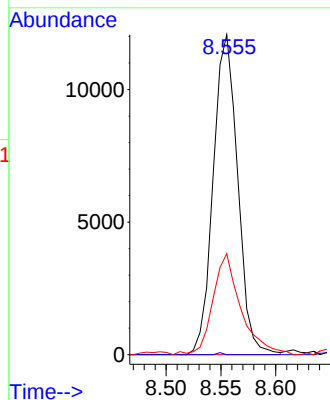
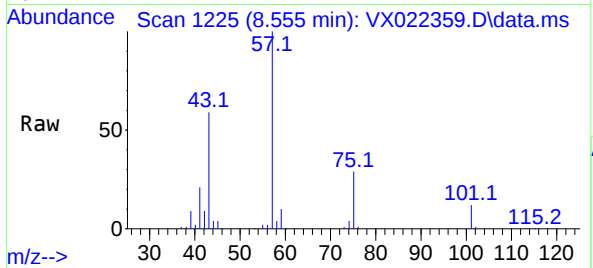




#54
cis-1,3-Dichloropropene
Concen: 11.72 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.182 min
Lab File: VX022359.D
Acq: 03 Jun 2021 12:26

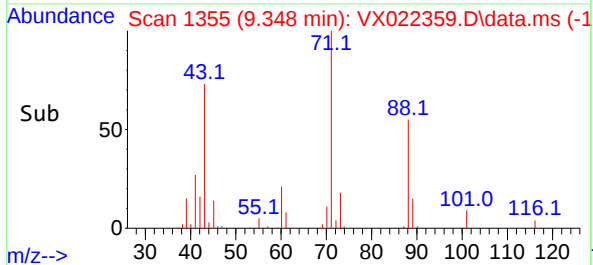
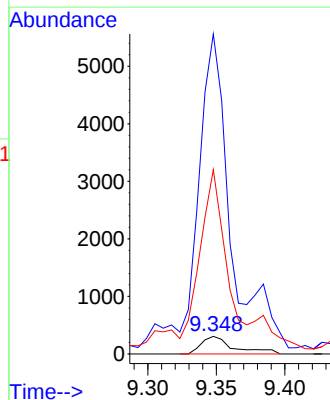
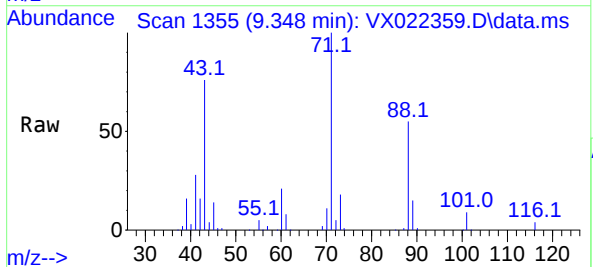
Instrument :
MSVOA_X
ClientSampleId :
S1-D-BOTTOM

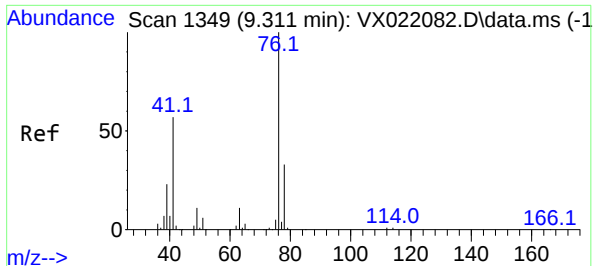
Tgt Ion: 75 Resp: 18736
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 30.6 35.1 52.7#



#56
Ethyl methacrylate
Concen: 0.33 ug/l
RT: 9.348 min Scan# 1355
Delta R.T. 0.226 min
Lab File: VX022359.D
Acq: 03 Jun 2021 12:26

Tgt Ion: 69 Resp: 504
Ion Ratio Lower Upper
69 100
41 1601.8 46.8 70.2#
39 855.2 24.7 37.1#



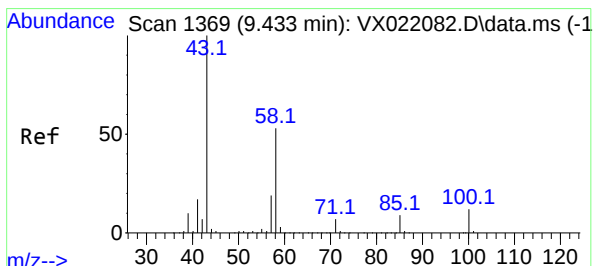
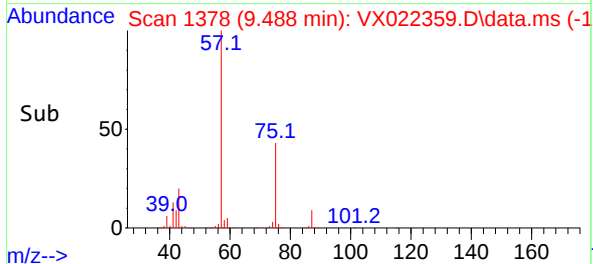
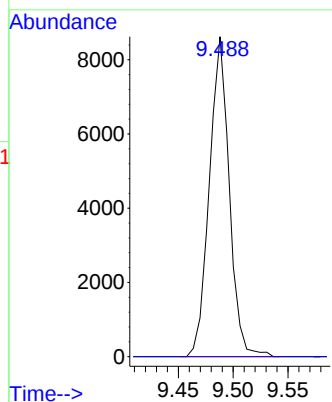
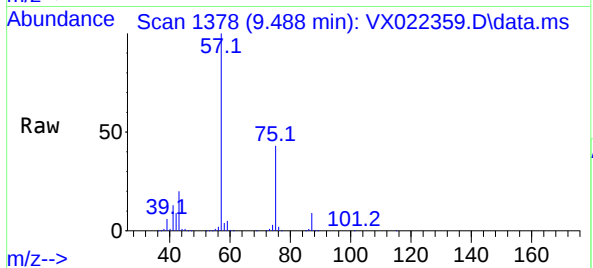


#57

1,3-Dichloropropane
Concen: 6.67 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022359.D
Acq: 03 Jun 2021 12:26

Instrument :
MSVOA_X
ClientSampleId :
S1-D-BOTTOM

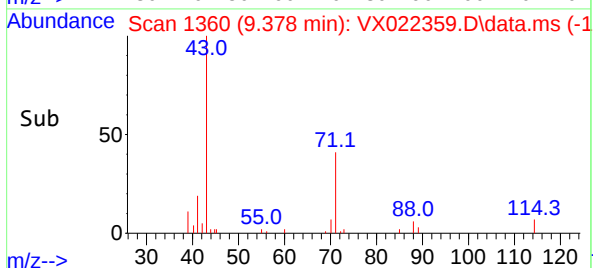
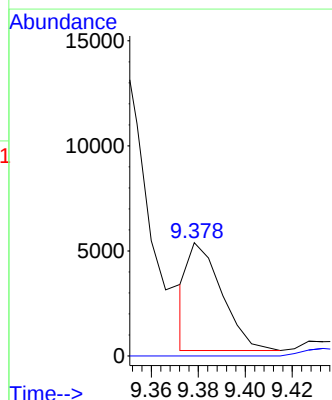
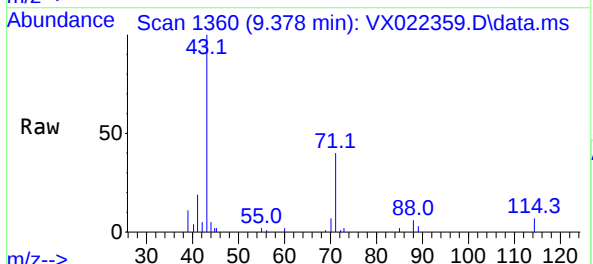
Tgt Ion: 76 Resp: 10886
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#

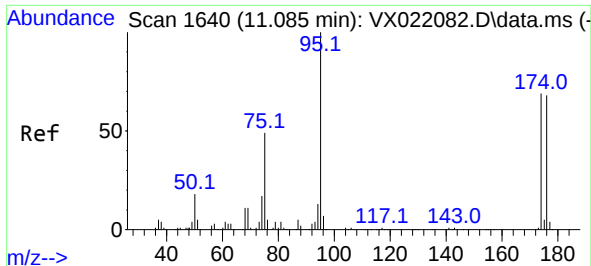


#59

2-Hexanone
Concen: 4.64 ug/l
RT: 9.378 min Scan# 1360
Delta R.T. -0.055 min
Lab File: VX022359.D
Acq: 03 Jun 2021 12:26

Tgt Ion: 43 Resp: 5064
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.8#

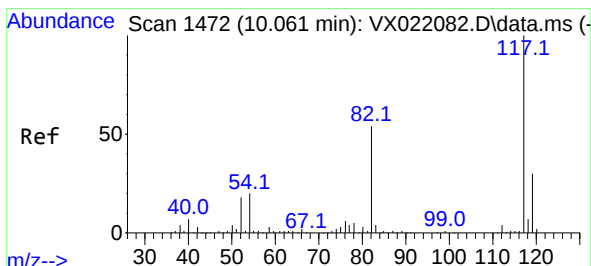
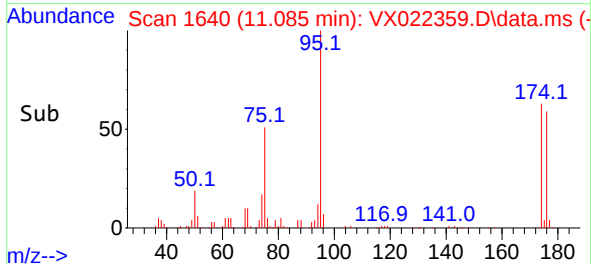
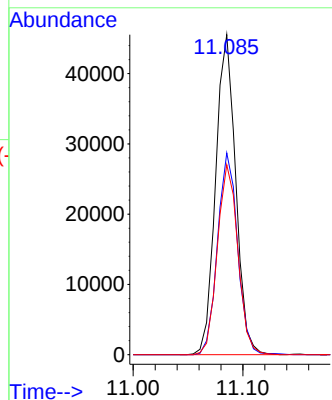
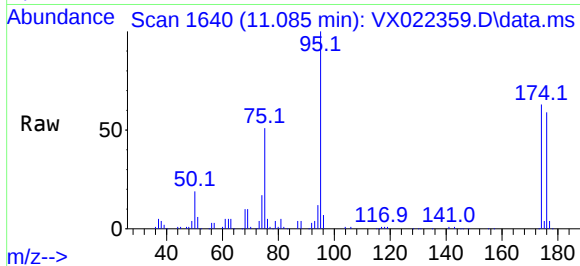




#62
4-Bromofluorobenzene
Concen: 49.05 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022359.D
Acq: 03 Jun 2021 12:26

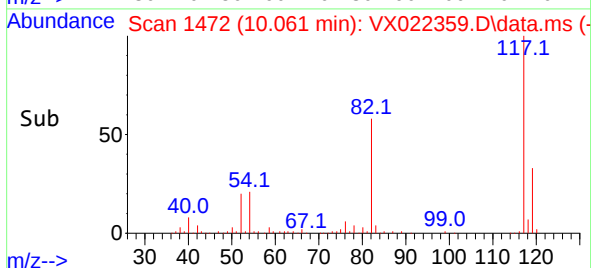
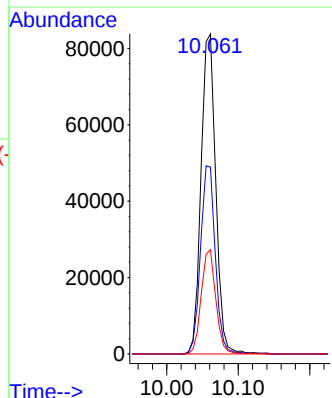
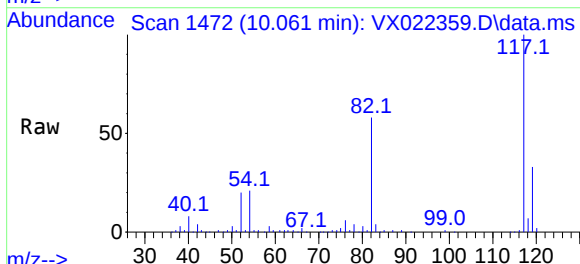
Instrument :
MSVOA_X
ClientSampleId :
S1-D-BOTTOM

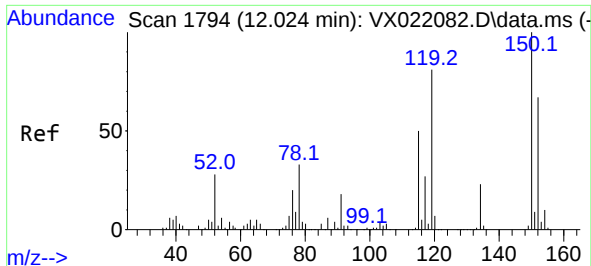
Tgt Ion: 95 Resp: 57893
Ion Ratio Lower Upper
95 100
174 63.2 0.0 154.6
176 60.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX022359.D
Acq: 03 Jun 2021 12:26

Tgt Ion: 117 Resp: 119828
Ion Ratio Lower Upper
117 100
82 58.4 47.4 71.2
119 32.5 26.6 39.8

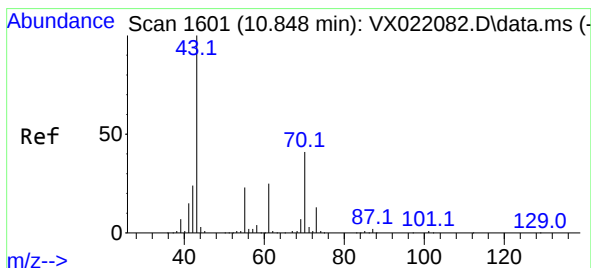
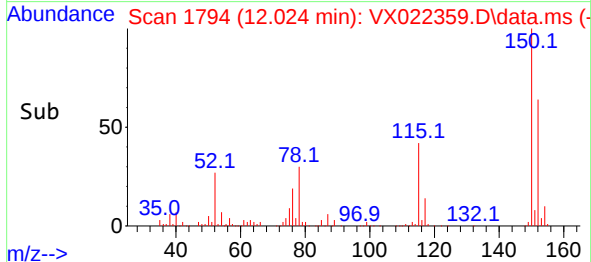
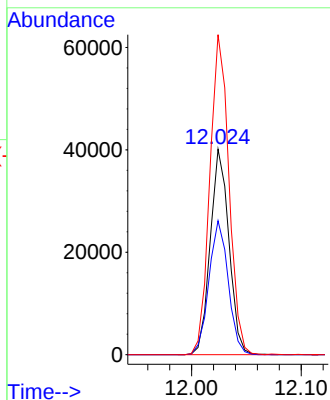
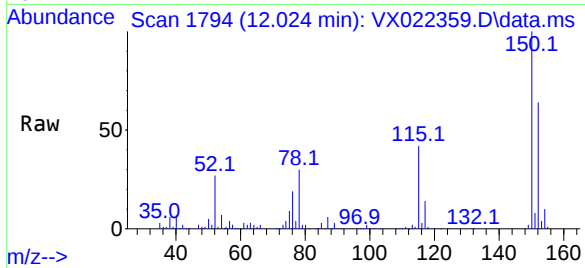




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022359.D
Acq: 03 Jun 2021 12:26

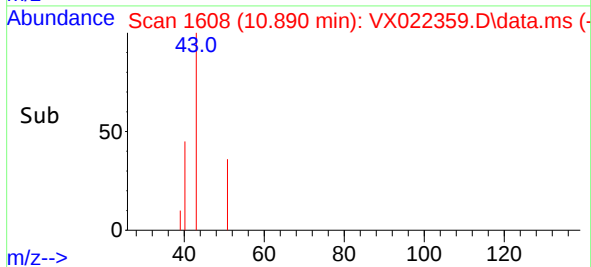
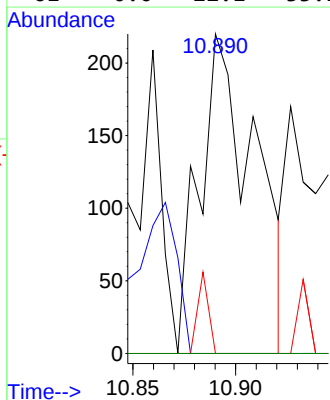
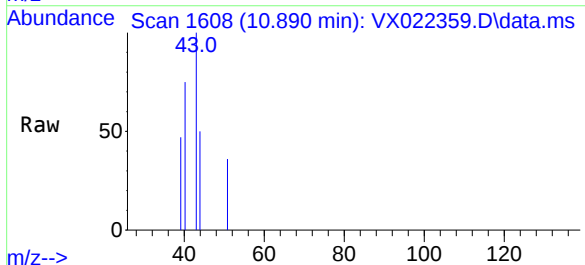
Instrument :
MSVOA_X
ClientSampleId :
S1-D-BOTTOM

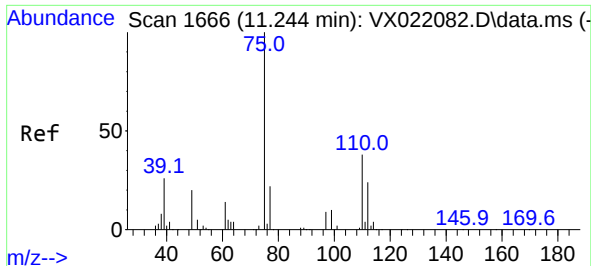
Tgt Ion:152 Resp: 47501
Ion Ratio Lower Upper
152 100
115 67.2 41.1 123.3
150 159.0 0.0 349.0



#74
N-ethyl acetate
Concen: 0.22 ug/l
RT: 10.890 min Scan# 1608
Delta R.T. 0.042 min
Lab File: VX022359.D
Acq: 03 Jun 2021 12:26

Tgt Ion: 43 Resp: 411
Ion Ratio Lower Upper
43 100
70 0.0 39.0 58.6#
55 4.9 21.5 32.3#
61 0.0 22.1 33.1#

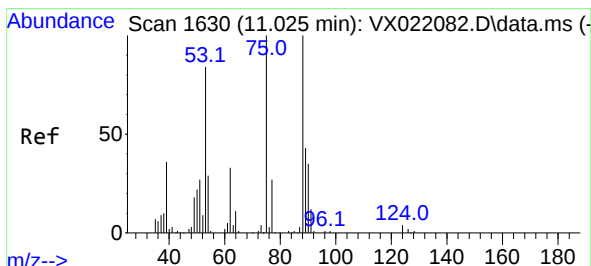
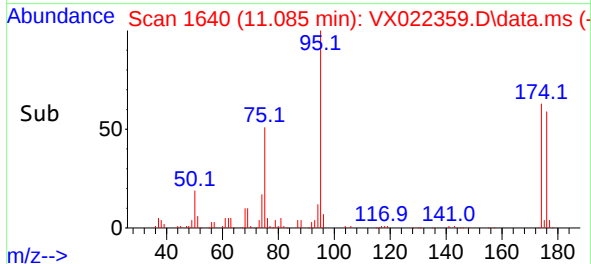
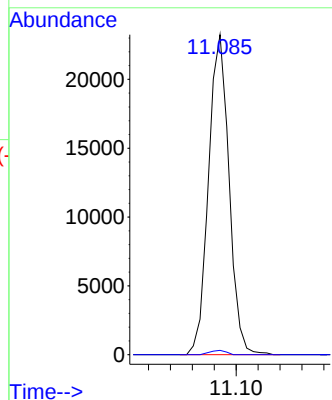
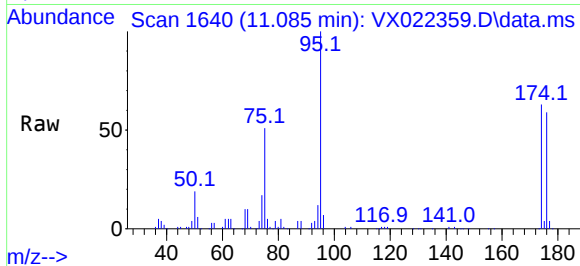




#76
1,2,3-Trichloropropane
Concen: 25.78 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022359.D
Acq: 03 Jun 2021 12:26

Instrument :
MSVOA_X
ClientSampleId :
S1-D-BOTTOM

Tgt Ion: 75 Resp: 30205
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.07 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022359.D
Acq: 03 Jun 2021 12:26

Tgt Ion: 75 Resp: 30205
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

