

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060821\
 Data File : VX022600.D
 Acq On : 09 Jun 2021 06:14
 Operator : JC/MD
 Sample : M2625-39
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

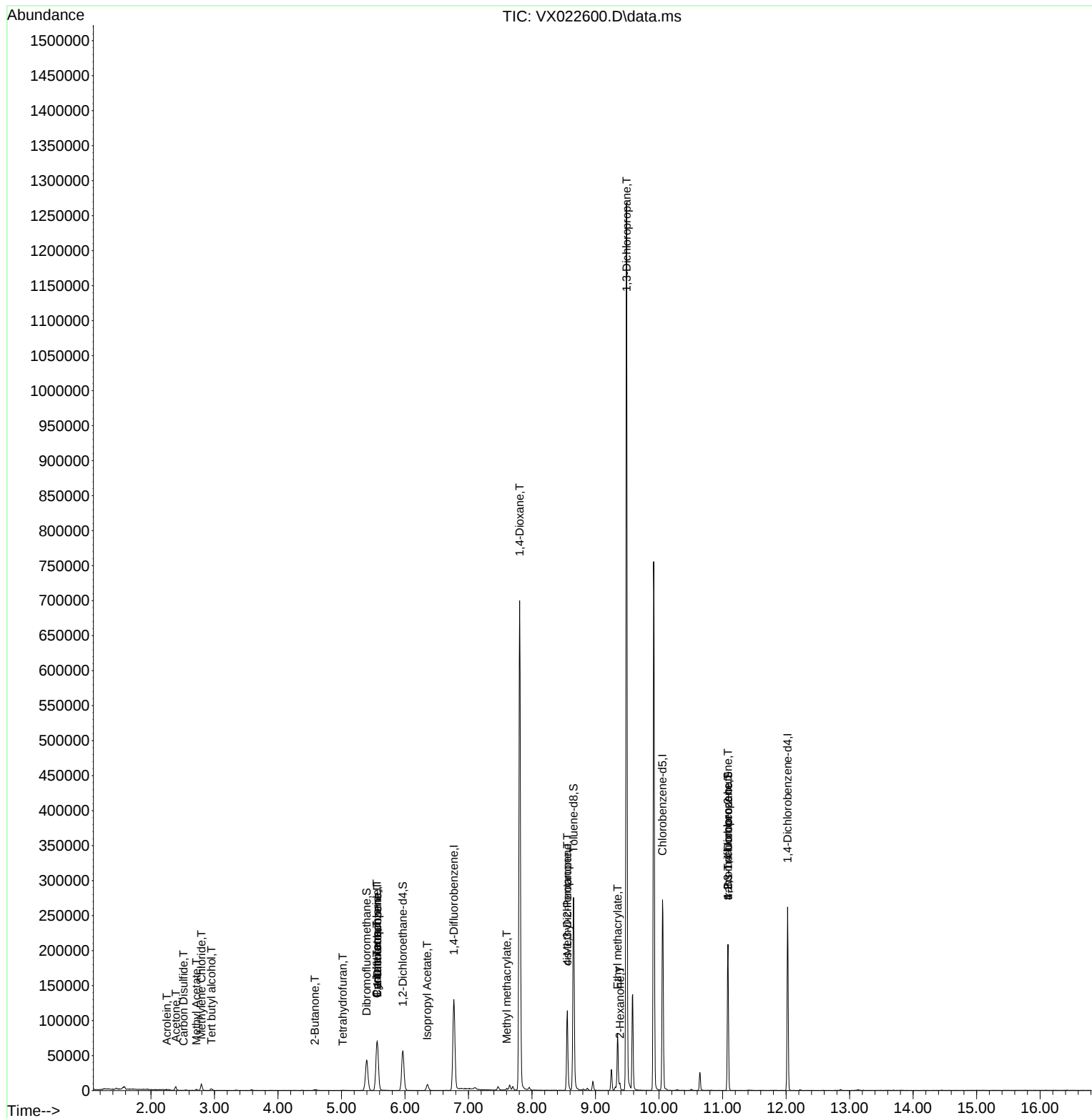
Quant Time: Jun 09 06:41:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 07 14:27:50 2021
 Response via : Initial Calibration

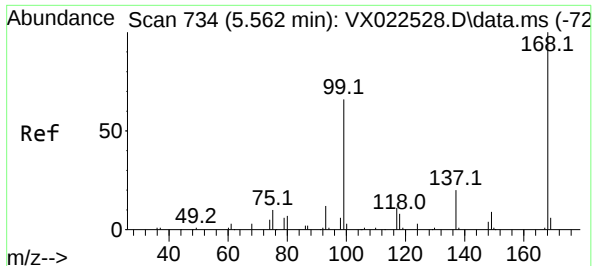
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	59667	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	124331	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	115023	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	44577	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	52193	49.205	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.420%
35) Dibromofluoromethane	5.397	113	35763	45.974	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.940%
50) Toluene-d8	8.653	98	155535	50.110	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.220%
62) 4-Bromofluorobenzene	11.085	95	55836	48.398	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.800%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	1511	6.351	ug/l #	73
13) Acrolein	2.252	56	69	3.720	ug/l	87
16) Acetone	2.392	43	5662	11.879	ug/l	99
17) Carbon Disulfide	2.514	76	64	3.415	ug/l #	75
18) Methyl Acetate	2.715	43	2075	1.579	ug/l #	85
20) Methylene Chloride	2.794	84	3750	3.768	ug/l #	83
25) 2-Butanone	4.580	43	1279	1.624	ug/l #	72
29) Tetrahydrofuran	5.019	42	176	0.381	ug/l #	27
31) Cyclohexane	5.556	56	1699	1.354	ug/l #	21
36) 1,1-Dichloropropene	5.562	75	6291	5.230	ug/l #	47
38) Carbon Tetrachloride	5.556	117	7226	8.279	ug/l #	15
43) Isopropyl Acetate	6.348	43	11431	4.568	ug/l #	91
48) Methyl methacrylate	7.604	41	3162	2.715	ug/l #	10
49) 1,4-Dioxane	7.805	88	52	2.208	ug/l #	1
51) 4-Methyl-2-Pentanone	8.555	43	39858	25.566	ug/l #	43
54) cis-1,3-Dichloropropene	8.555	75	17129	12.487	ug/l #	68
56) Ethyl methacrylate	9.348	69	420	2.936	ug/l #	1
57) 1,3-Dichloropropane	9.488	76	10282	6.262	ug/l #	42
59) 2-Hexanone	9.384	43	4871	4.090	ug/l #	19
76) 1,2,3-Trichloropropane	11.085	75	30184	26.137	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	30184	64.416	ug/l #	12

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

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 09 06:41:43 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 07 14:27:50 2021
Response via : Initial Calibration

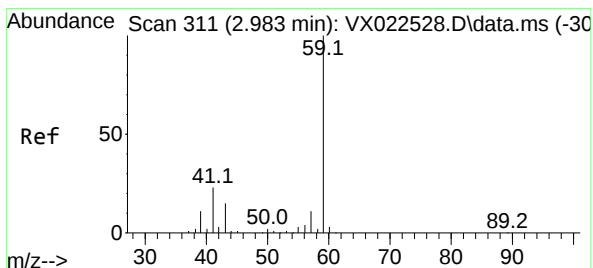
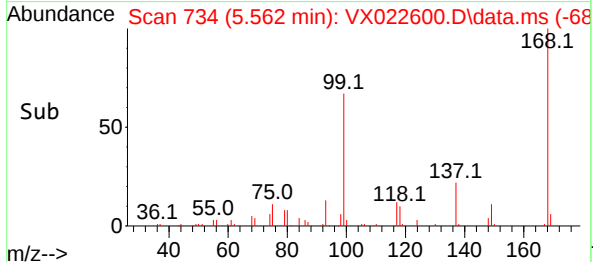
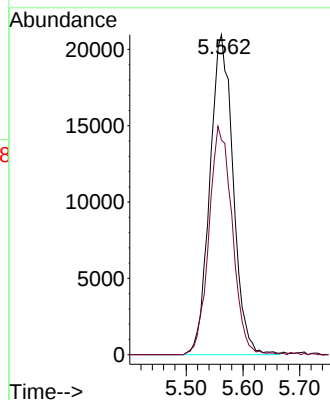
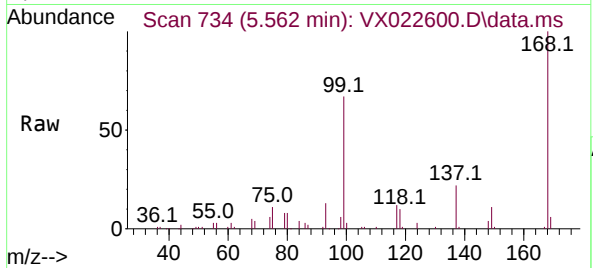




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022600.D
Acq: 09 Jun 2021 06:14

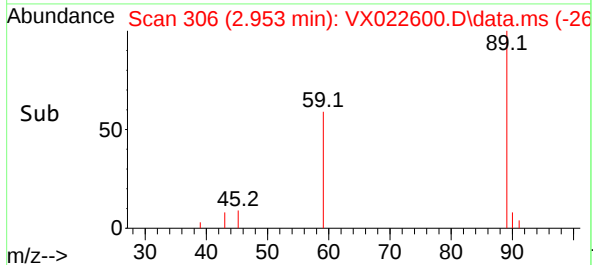
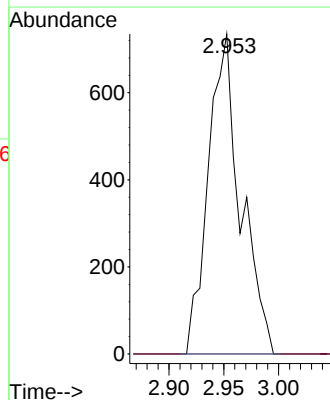
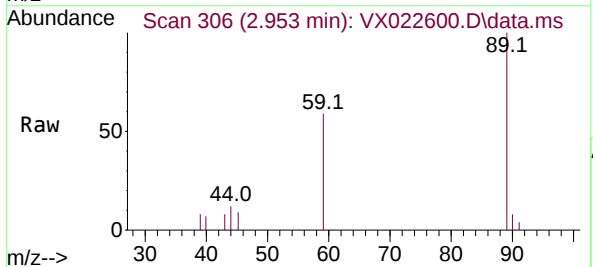
Instrument :
MSVOA_X
ClientSampled :

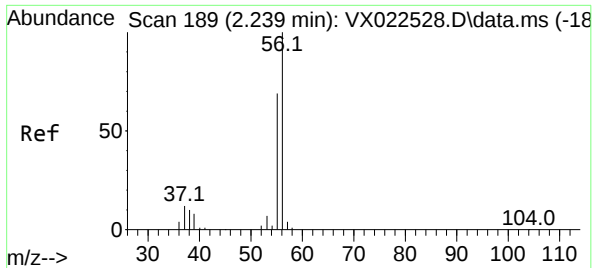
Tgt Ion:168 Resp: 59667
Ion Ratio Lower Upper
168 100
99 67.1 45.8 68.6



#11
Tert butyl alcohol
Concen: 6.351 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX022600.D
Acq: 09 Jun 2021 06:14

Tgt Ion: 59 Resp: 1511
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

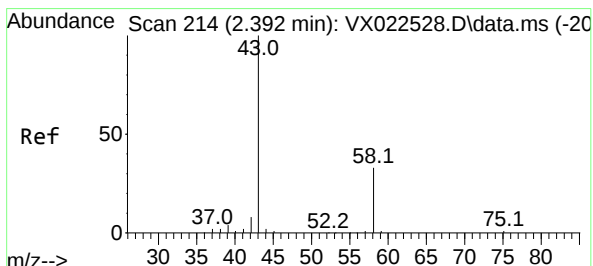
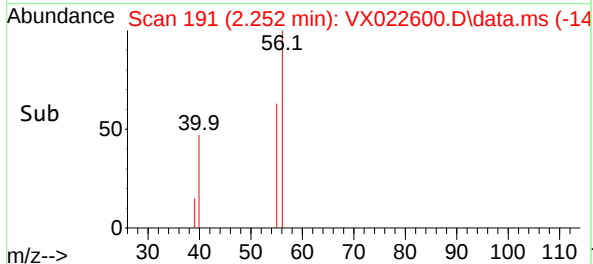
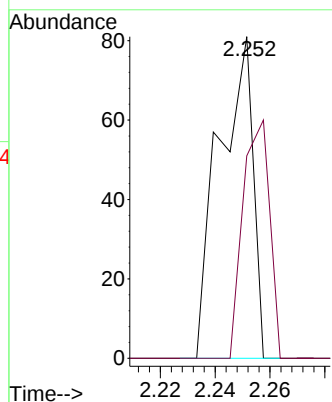
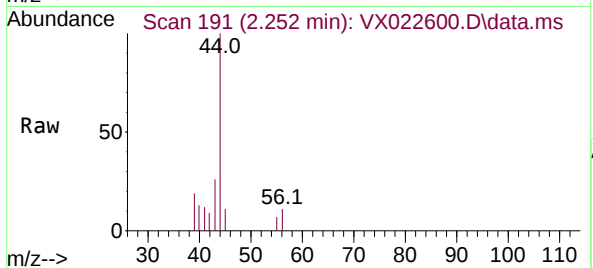




#13
Acrolein
Concen: 3.720 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.013 min
Lab File: VX022600.D
Acq: 09 Jun 2021 06:14

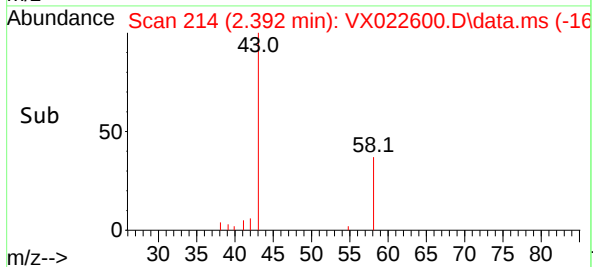
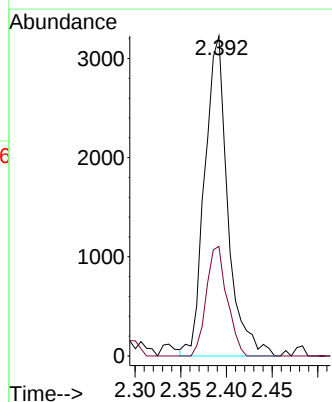
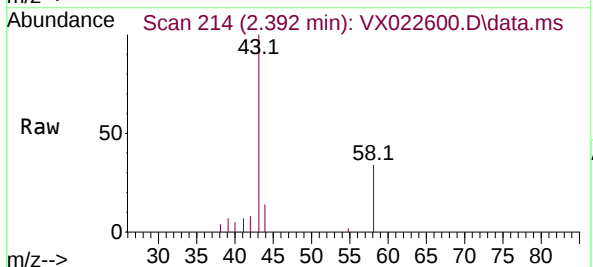
Instrument :
MSVOA_X
ClientSampled :

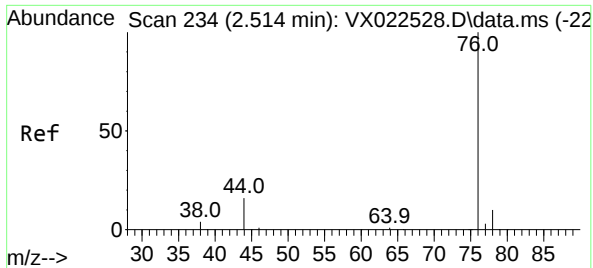
Tgt Ion: 56 Resp: 69
Ion Ratio Lower Upper
56 100
55 59.4 56.4 84.6



#16
Acetone
Concen: 11.879 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022600.D
Acq: 09 Jun 2021 06:14

Tgt Ion: 43 Resp: 5662
Ion Ratio Lower Upper
43 100
58 34.2 27.8 41.8

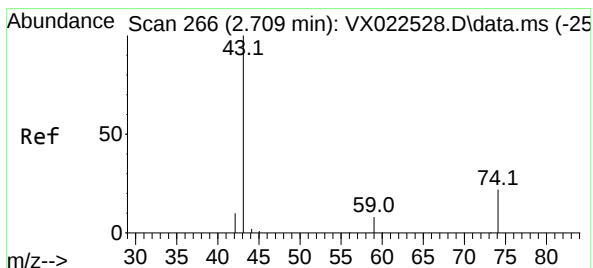
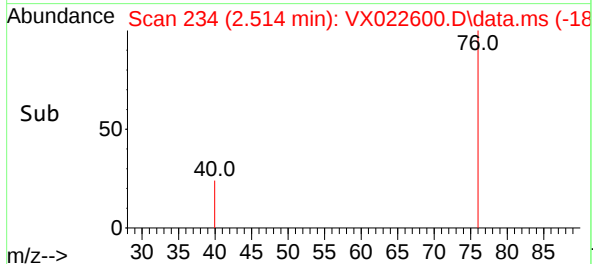
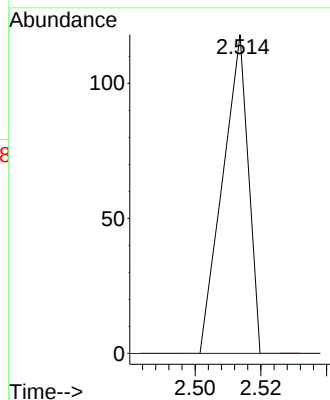
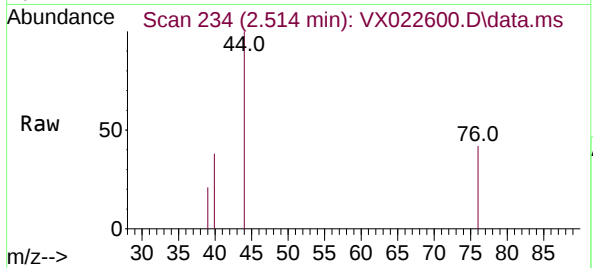




#17
Carbon Disulfide
Concen: 3.415 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022600.D
Acq: 09 Jun 2021 06:14

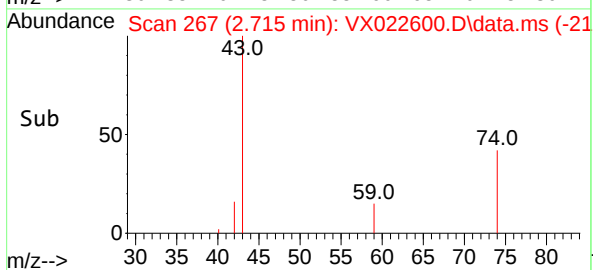
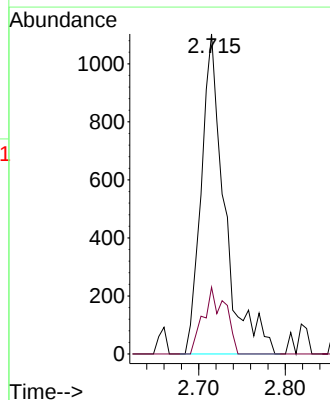
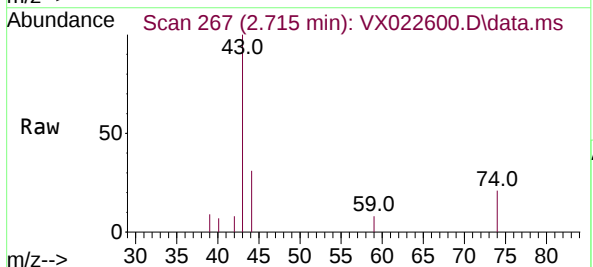
Instrument :
MSVOA_X
ClientSampled :

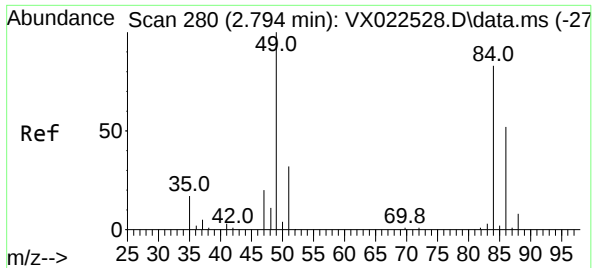
Tgt Ion: 76 Resp: 64
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 1.579 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX022600.D
Acq: 09 Jun 2021 06:14

Tgt Ion: 43 Resp: 2075
Ion Ratio Lower Upper
43 100
74 19.5 21.9 32.9#

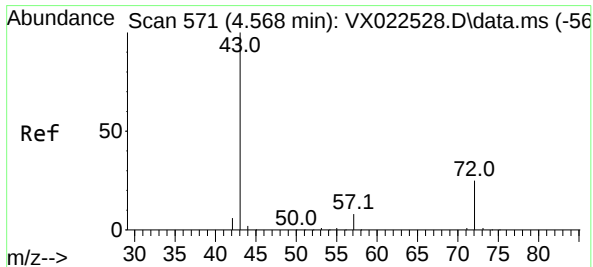
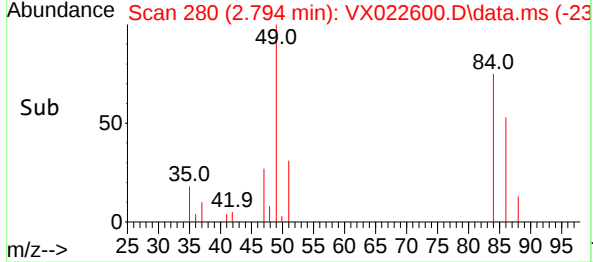
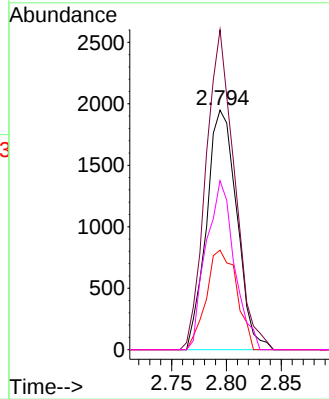
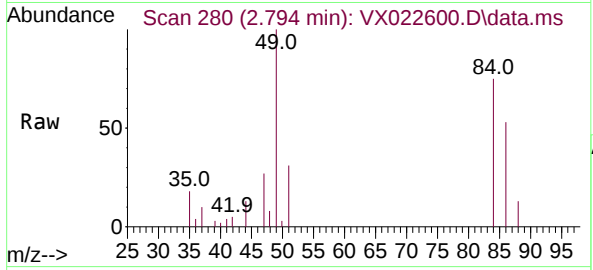




#20
Methylene Chloride
Concen: 3.768 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022600.D
Acq: 09 Jun 2021 06:14

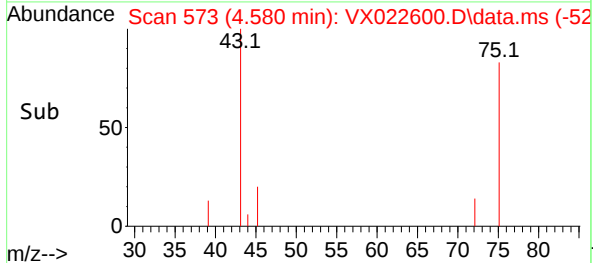
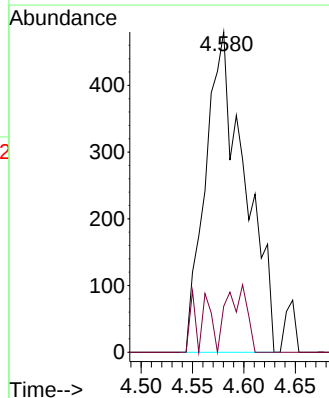
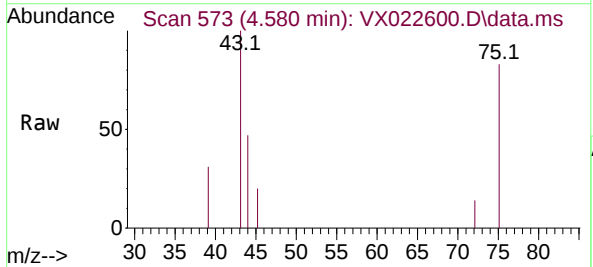
Instrument :
MSVOA_X
ClientSampleId :

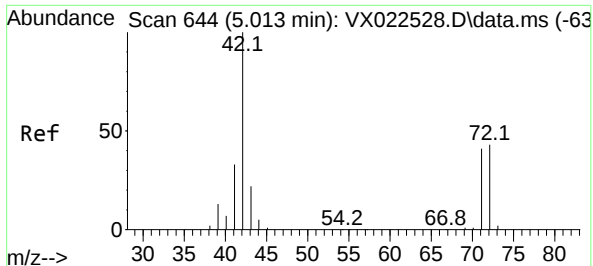
Tgt Ion: 84	Resp: 3750
Ion Ratio	Lower Upper
84 100	
49 133.6	88.6 132.8#
51 41.5	27.0 40.6#
86 70.5	50.3 75.5



#25
2-Butanone
Concen: 1.624 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX022600.D
Acq: 09 Jun 2021 06:14

Tgt Ion: 43	Resp: 1279
Ion Ratio	Lower Upper
43 100	
72 14.4	23.7 35.5#





#29

Tetrahydrofuran

Concen: 0.381 ug/l

RT: 5.019 min Scan# 645

Delta R.T. 0.006 min

Lab File: VX022600.D

Acq: 09 Jun 2021 06:14

Tgt Ion: 42 Resp: 176

Ion Ratio Lower Upper

42 100

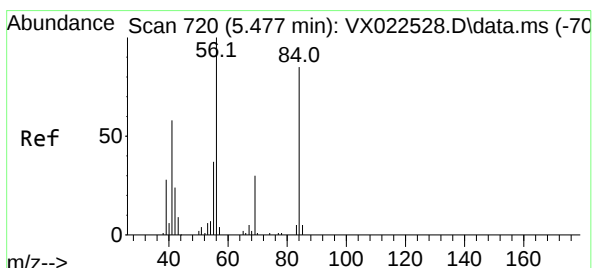
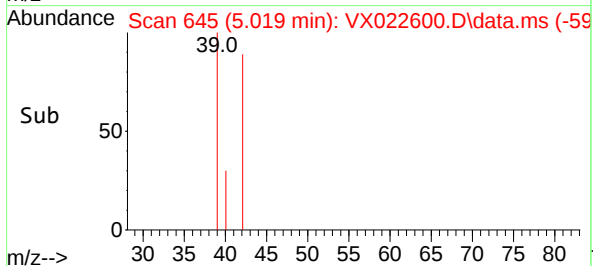
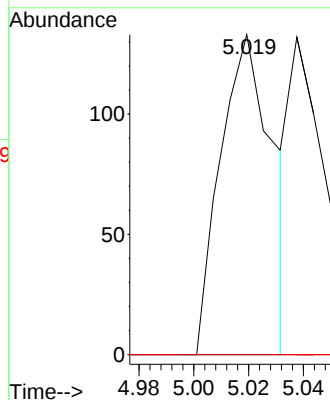
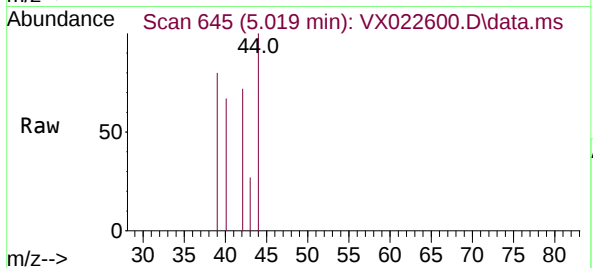
72 0.0 41.7 62.5#

71 0.0 38.4 57.6#

Instrument :

MSVOA_X

ClientSampled :



#31

Cyclohexane

Concen: 1.354 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX022600.D

Acq: 09 Jun 2021 06:14

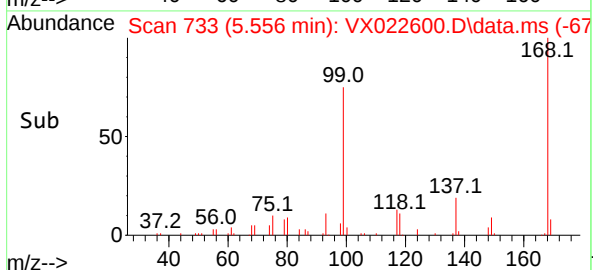
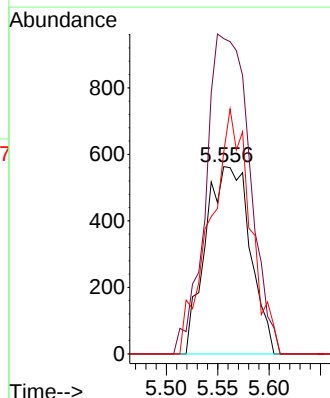
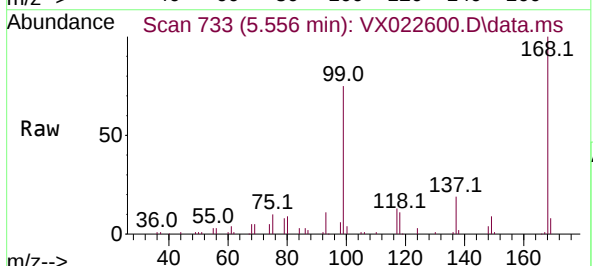
Tgt Ion: 56 Resp: 1699

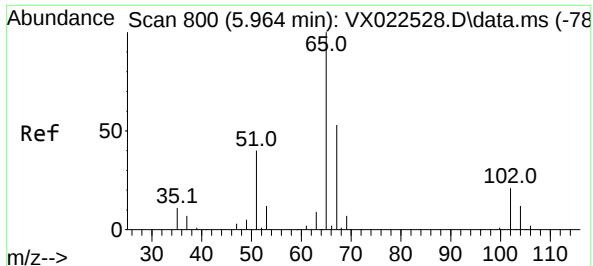
Ion Ratio Lower Upper

56 100

69 168.4 25.3 37.9#

84 107.6 71.4 107.0#



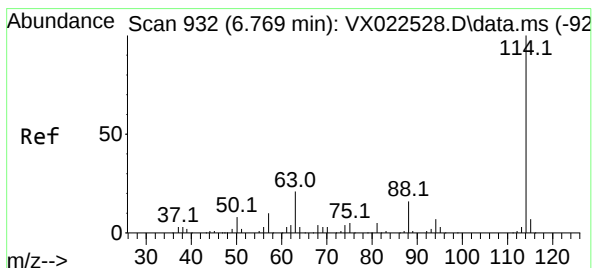
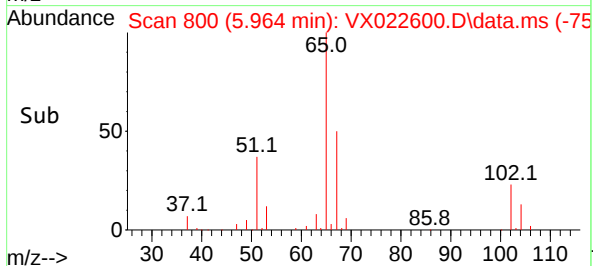
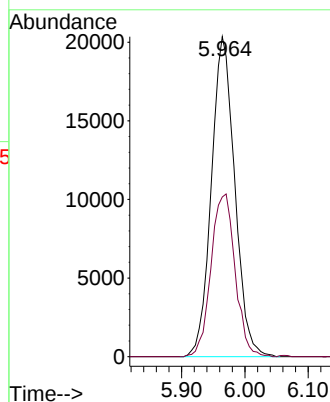
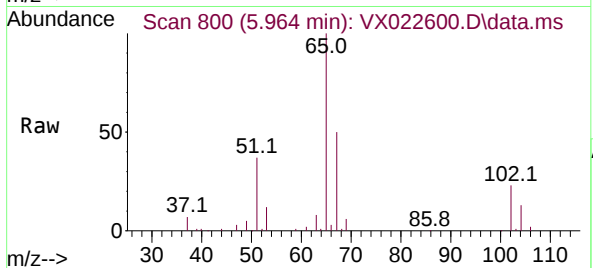


#33

1,2-Dichloroethane-d4
Concen: 49.205 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022600.D
Acq: 09 Jun 2021 06:14

Instrument :
MSVOA_X
ClientSampled :

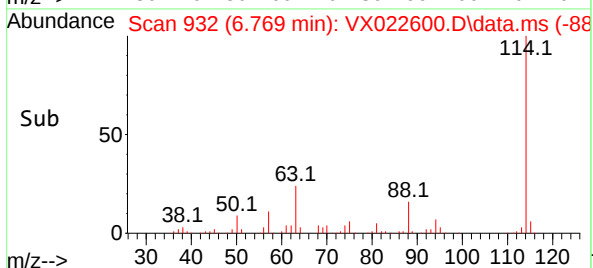
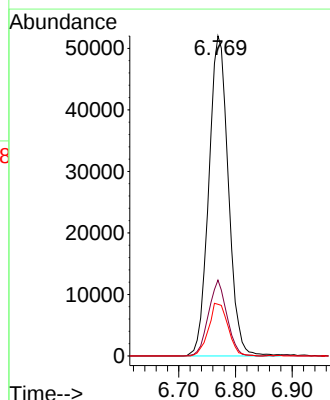
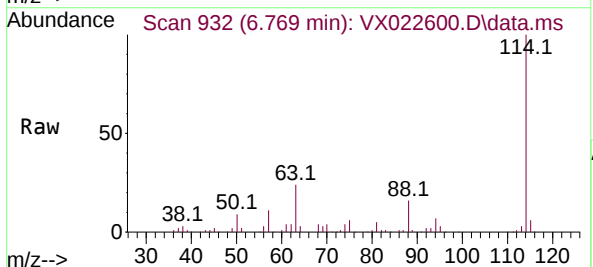
Tgt Ion: 65 Resp: 52193
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.4

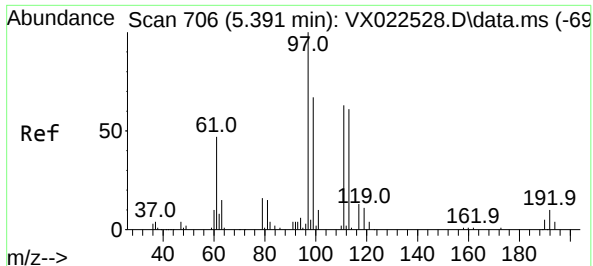


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022600.D
Acq: 09 Jun 2021 06:14

Tgt Ion: 114 Resp: 124331
Ion Ratio Lower Upper
114 100
63 23.7 0.0 40.8
88 16.1 0.0 32.8





#35

Dibromofluoromethane

Concen: 45.974 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX022600.D

Acq: 09 Jun 2021 06:14

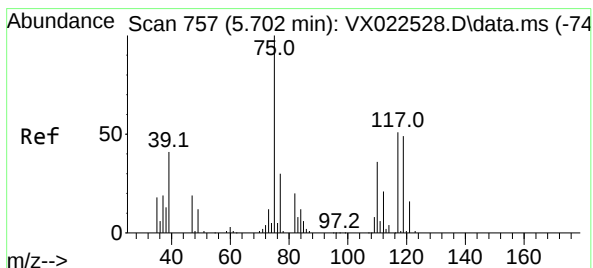
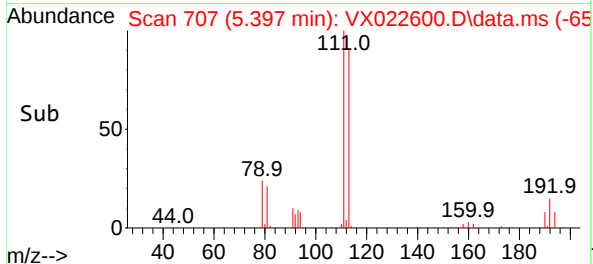
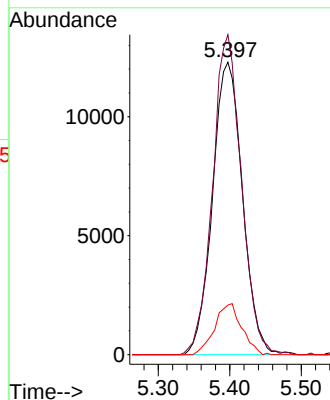
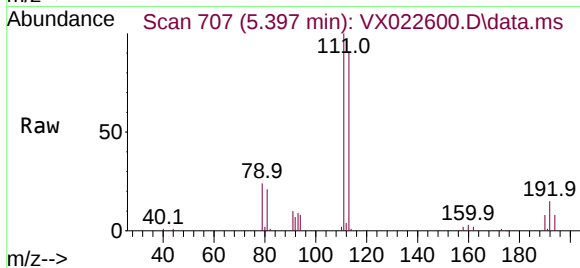
Tgt Ion:113 Resp: 35763

Ion Ratio Lower Upper

113 100

111 105.4 81.9 122.9

192 15.8 16.7 25.1#



#36

1,1-Dichloropropene

Concen: 5.230 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX022600.D

Acq: 09 Jun 2021 06:14

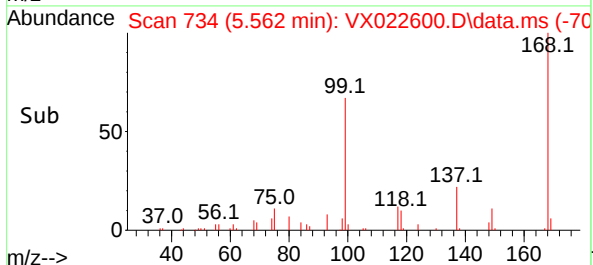
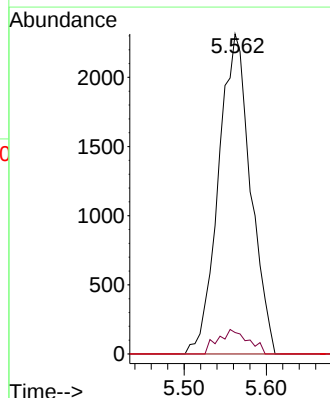
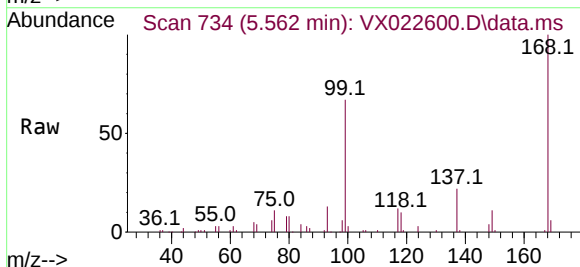
Tgt Ion: 75 Resp: 6291

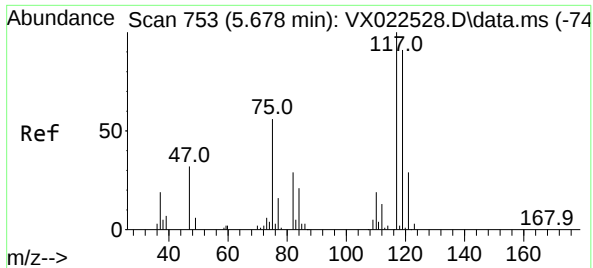
Ion Ratio Lower Upper

75 100

110 7.2 18.1 54.4#

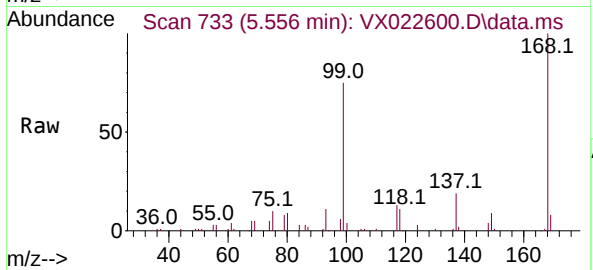
77 0.0 25.3 37.9#



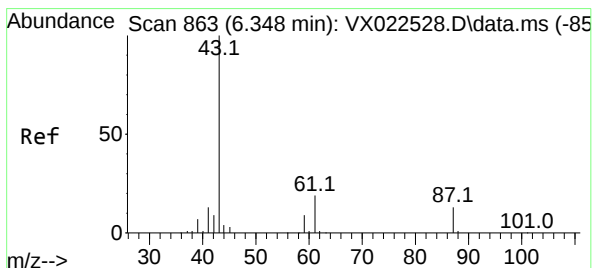
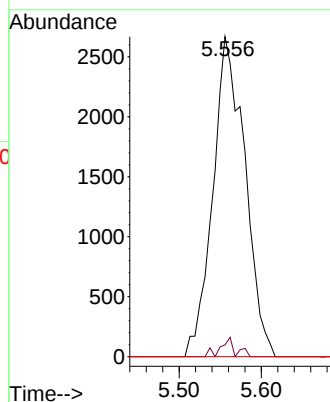
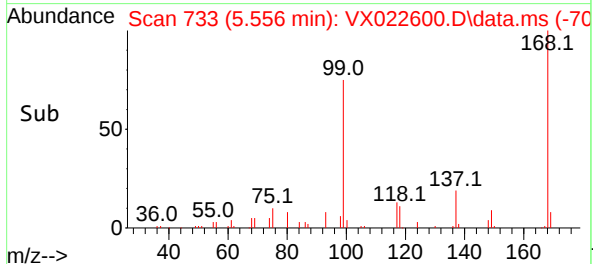


#38
Carbon Tetrachloride
Concen: 8.279 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX022600.D
Acq: 09 Jun 2021 06:14

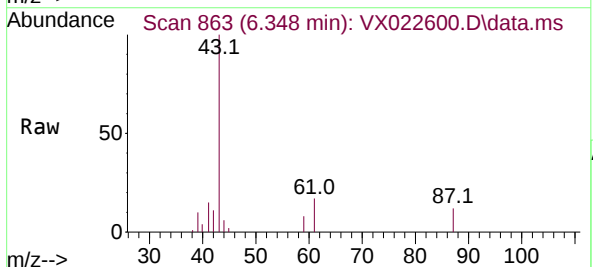
Instrument :
MSVOA_X
ClientSampled :



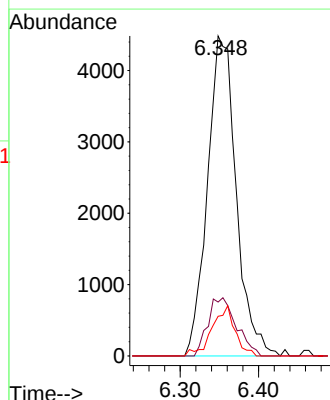
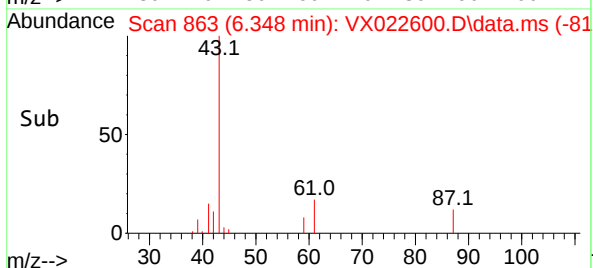
Tgt Ion:117 Resp: 7226
Ion Ratio Lower Upper
117 100
119 3.7 76.2 114.2#
121 0.0 24.8 37.2#

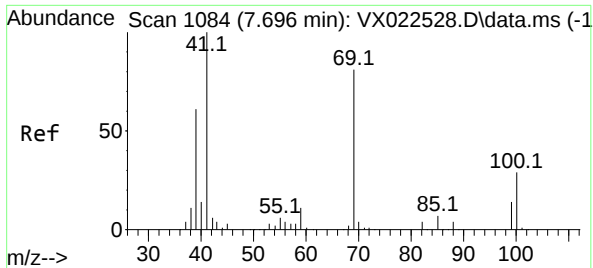


#43
Isopropyl Acetate
Concen: 4.568 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX022600.D
Acq: 09 Jun 2021 06:14



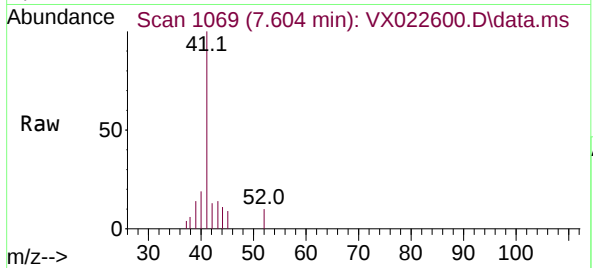
Tgt Ion: 43 Resp: 11431
Ion Ratio Lower Upper
43 100
61 18.1 18.2 27.4#
87 12.5 12.5 18.7



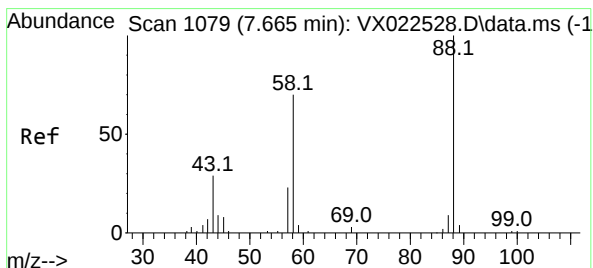
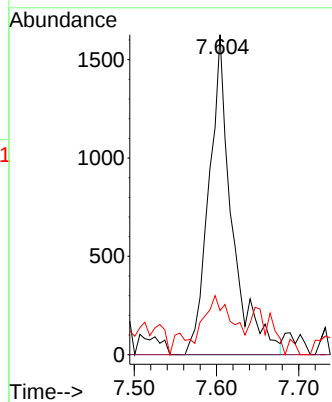
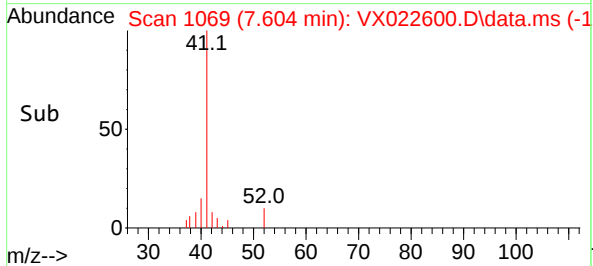


#48
Methyl methacrylate
Concen: 2.715 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.092 min
Lab File: VX022600.D
Acq: 09 Jun 2021 06:14

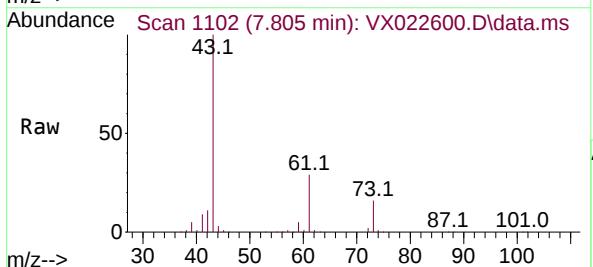
Instrument :
MSVOA_X
ClientSampled :



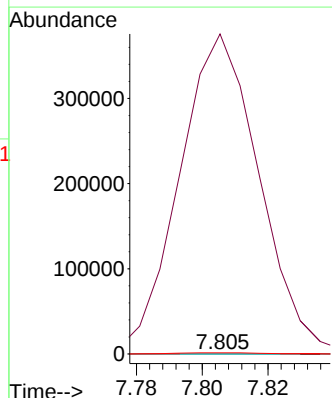
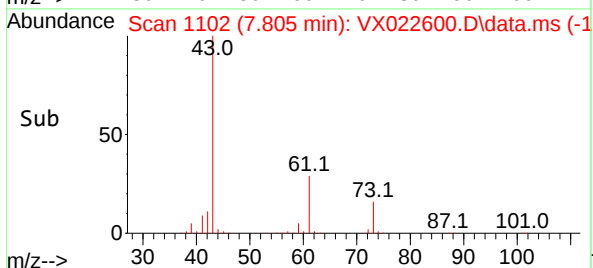
Tgt Ion: 41 Resp: 3162
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#

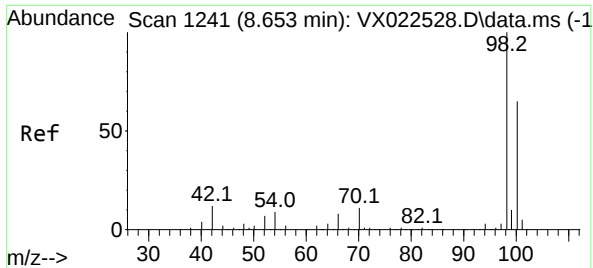


#49
1,4-Dioxane
Concen: 2.208 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. 0.140 min
Lab File: VX022600.D
Acq: 09 Jun 2021 06:14



Tgt Ion: 88 Resp: 52
Ion Ratio Lower Upper
88 100
43 1236505.8 23.2 34.8#
58 4917.3 55.0 82.4#

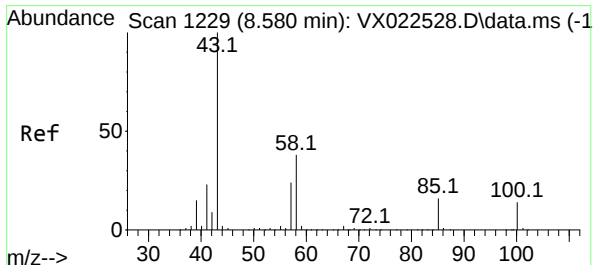
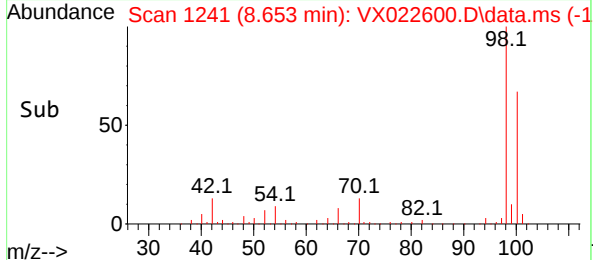
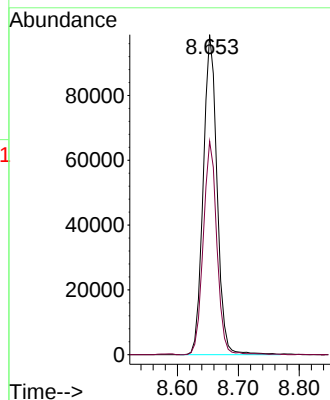
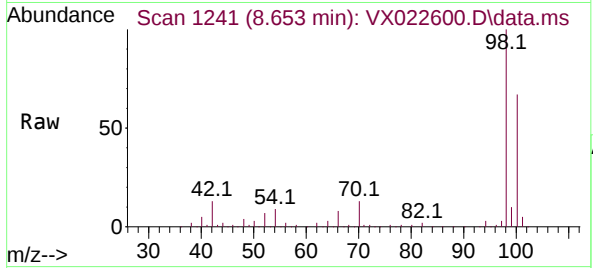




#50
Toluene-d8
Concen: 50.110 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022600.D
Acq: 09 Jun 2021 06:14

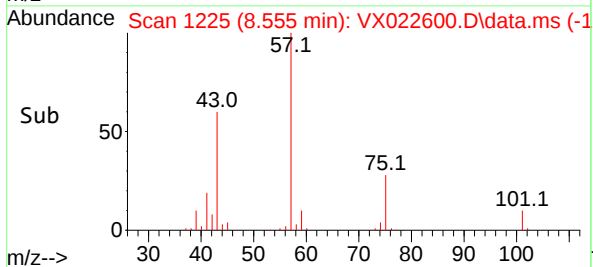
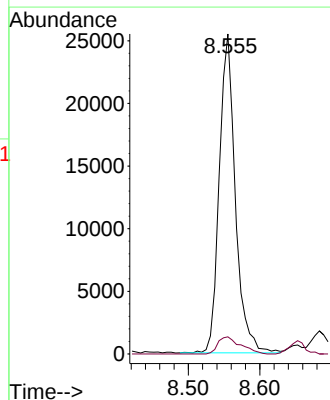
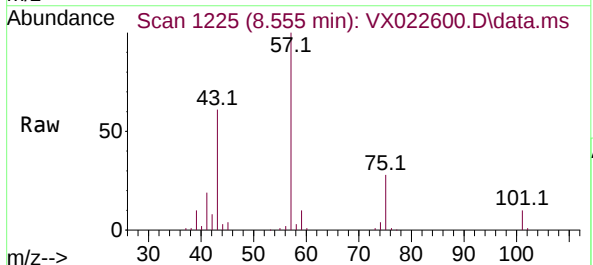
Instrument :
MSVOA_X
ClientSampled :

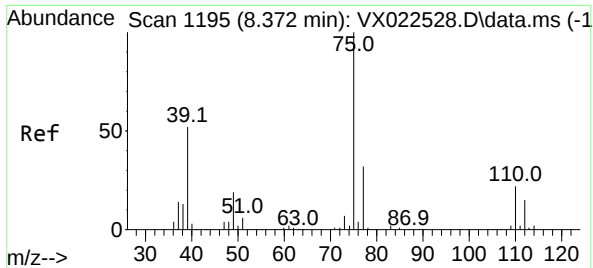
Tgt Ion: 98 Resp: 155535
Ion Ratio Lower Upper
98 100
100 65.7 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 25.566 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022600.D
Acq: 09 Jun 2021 06:14

Tgt Ion: 43 Resp: 39858
Ion Ratio Lower Upper
43 100
58 7.6 35.4 53.0#

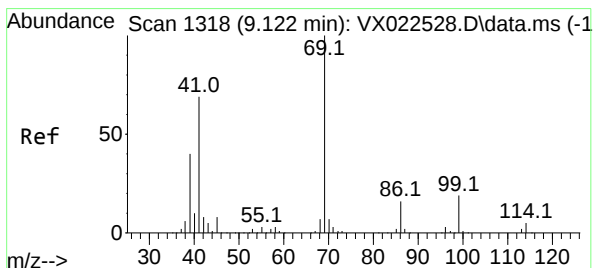
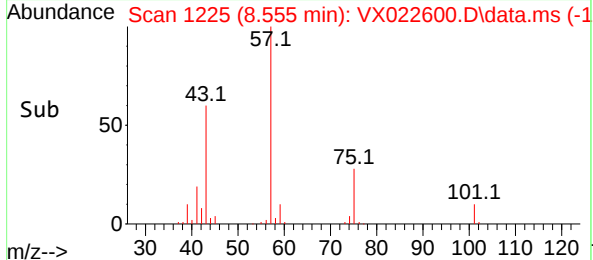
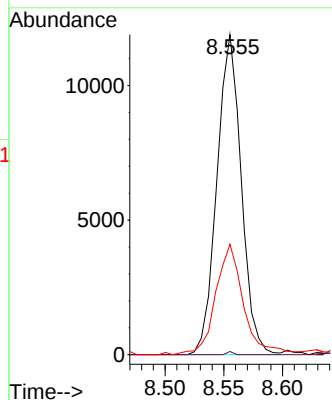
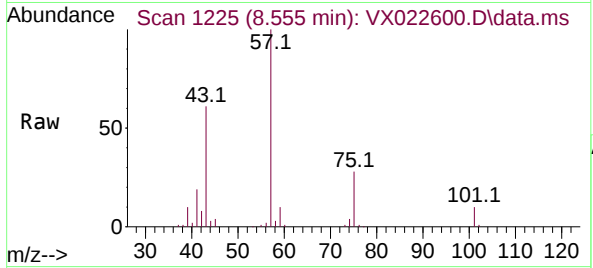




#54
 cis-1,3-Dichloropropene
 Concen: 12.487 ug/l
 RT: 8.555 min Scan# 1225
 Delta R.T. 0.183 min
 Lab File: VX022600.D
 Acq: 09 Jun 2021 06:14

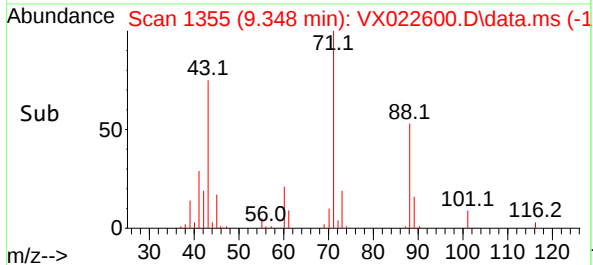
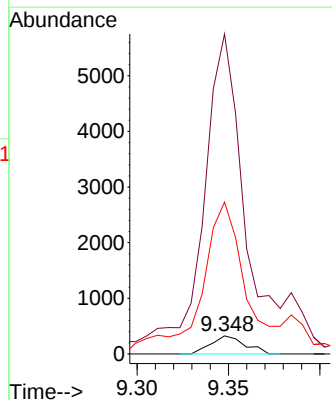
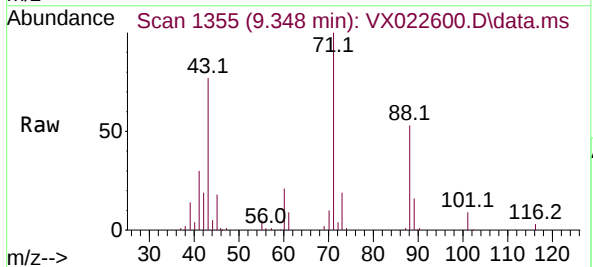
Instrument :
 MSVOA_X
 ClientSampled :

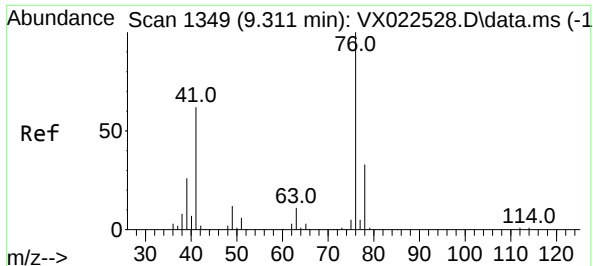
Tgt Ion: 75 Resp: 17129
 Ion Ratio Lower Upper
 75 100
 77 1.0 25.7 38.5#
 39 33.9 35.1 52.7#



#56
 Ethyl methacrylate
 Concen: 2.936 ug/l
 RT: 9.348 min Scan# 1355
 Delta R.T. 0.226 min
 Lab File: VX022600.D
 Acq: 09 Jun 2021 06:14

Tgt Ion: 69 Resp: 420
 Ion Ratio Lower Upper
 69 100
 41 2194.3 46.8 70.2#
 39 1061.9 24.7 37.1#



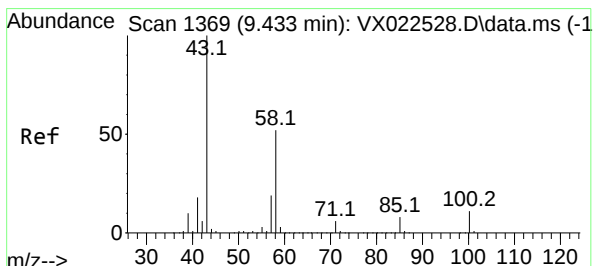
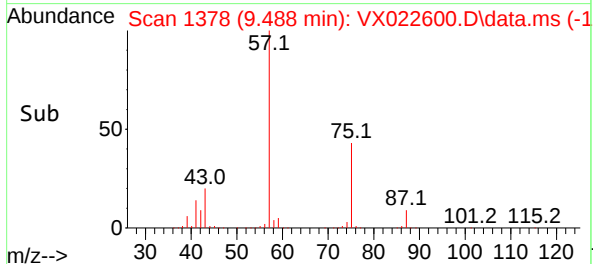
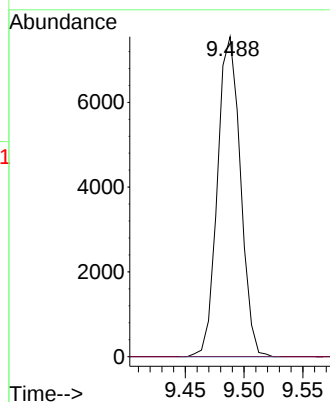
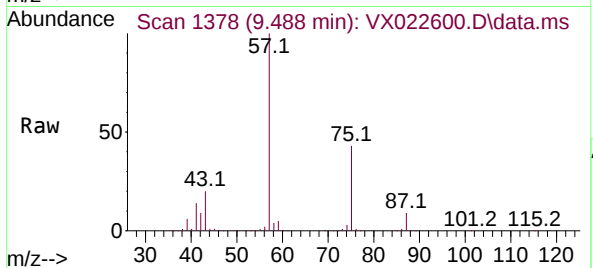


#57

1,3-Dichloropropane
Concen: 6.262 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022600.D
Acq: 09 Jun 2021 06:14

Instrument :
MSVOA_X
ClientSampled :

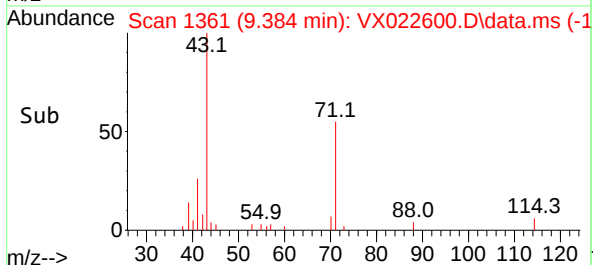
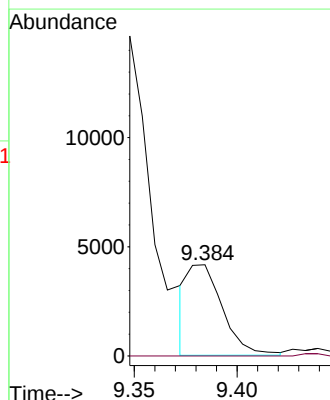
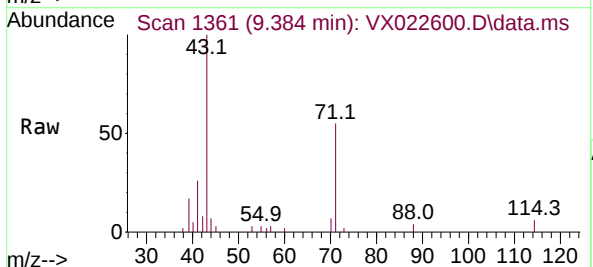
Tgt Ion: 76 Resp: 10282
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#

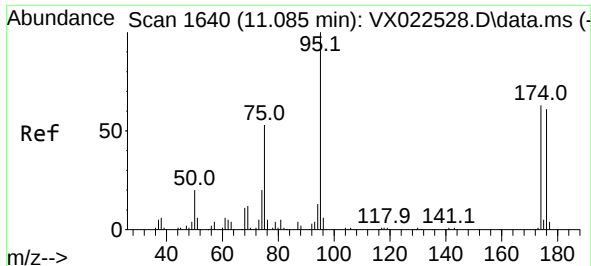


#59

2-Hexanone
Concen: 4.090 ug/l
RT: 9.384 min Scan# 1361
Delta R.T. -0.049 min
Lab File: VX022600.D
Acq: 09 Jun 2021 06:14

Tgt Ion: 43 Resp: 4871
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.8#

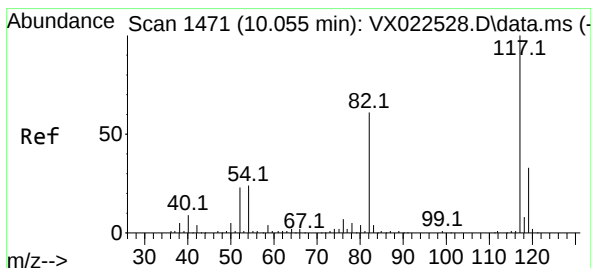
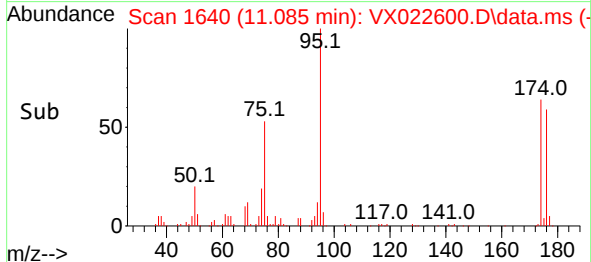
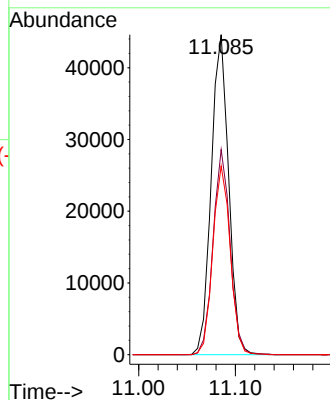
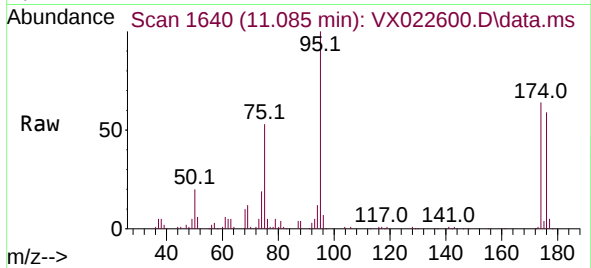




#62
4-Bromofluorobenzene
Concen: 48.398 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022600.D
Acq: 09 Jun 2021 06:14

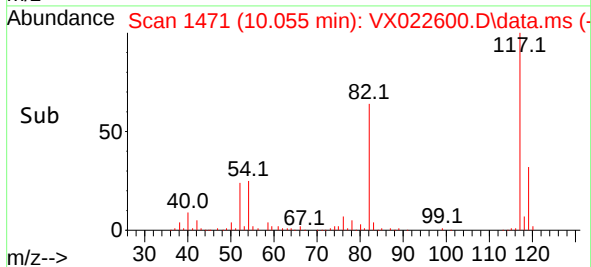
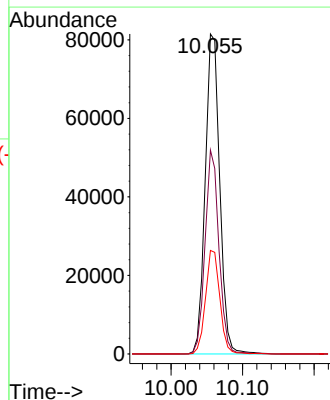
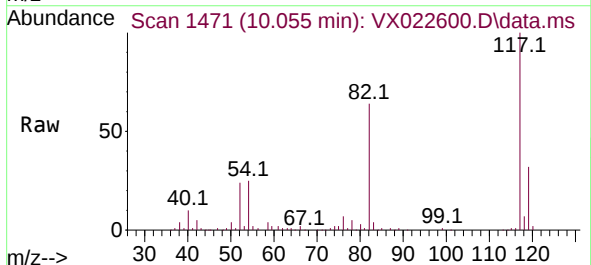
Instrument :
MSVOA_X
ClientSampleId :

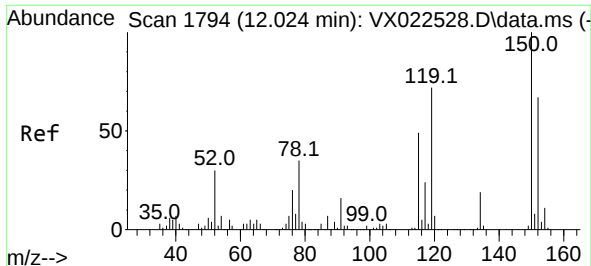
Tgt Ion: 95 Resp: 55836
Ion Ratio Lower Upper
95 100
174 62.7 0.0 154.6
176 58.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX022600.D
Acq: 09 Jun 2021 06:14

Tgt Ion: 117 Resp: 115023
Ion Ratio Lower Upper
117 100
82 63.7 47.4 71.2
119 32.4 26.6 39.8

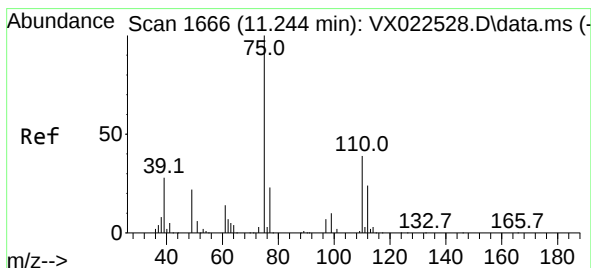
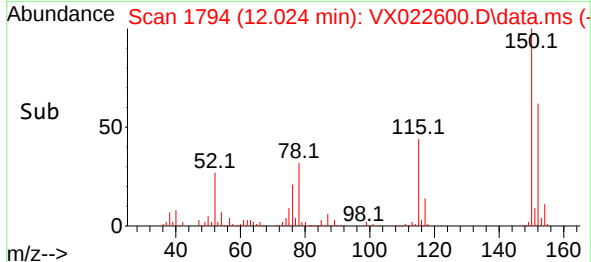
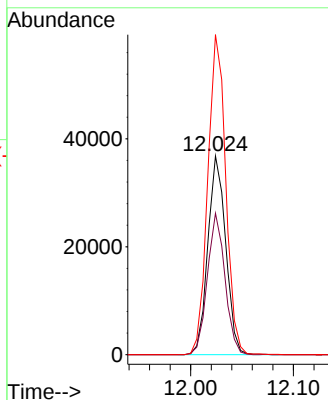
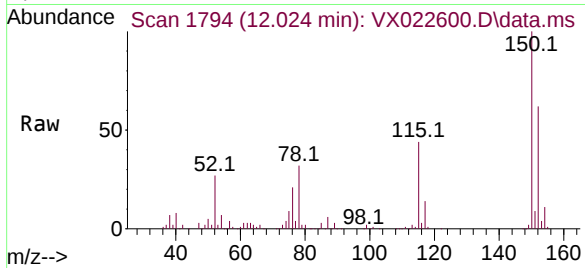




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022600.D
Acq: 09 Jun 2021 06:14

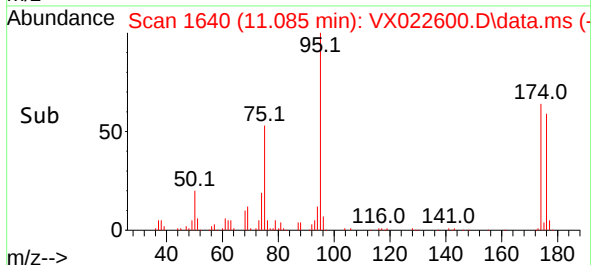
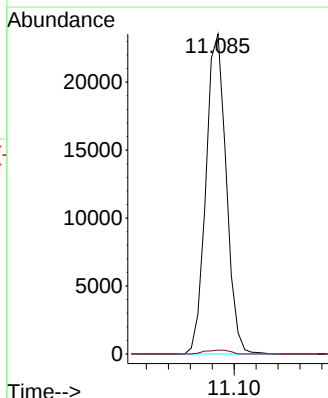
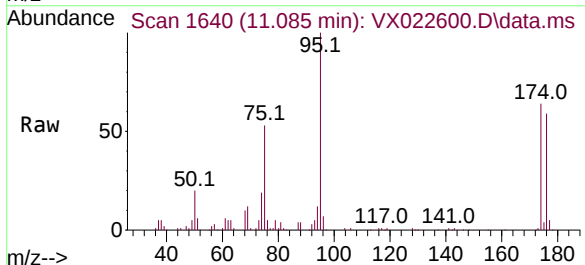
Instrument :
MSVOA_X
ClientSampled :

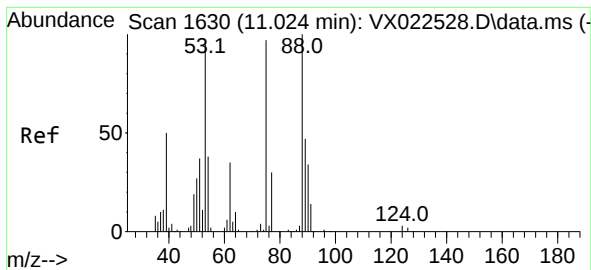
Tgt Ion:152 Resp: 44577
Ion Ratio Lower Upper
152 100
115 70.0 41.1 123.3
150 161.6 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 26.137 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022600.D
Acq: 09 Jun 2021 06:14

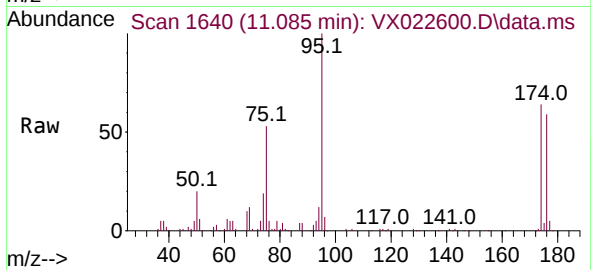
Tgt Ion: 75 Resp: 30184
Ion Ratio Lower Upper
75 100
77 1.5 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.416 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX022600.D
 Acq: 09 Jun 2021 06:14

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 30184
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

