

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060821\
 Data File : VX022593.D
 Acq On : 09 Jun 2021 03:29
 Operator : JC/MD
 Sample : M2625-32
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 09 04:05:20 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

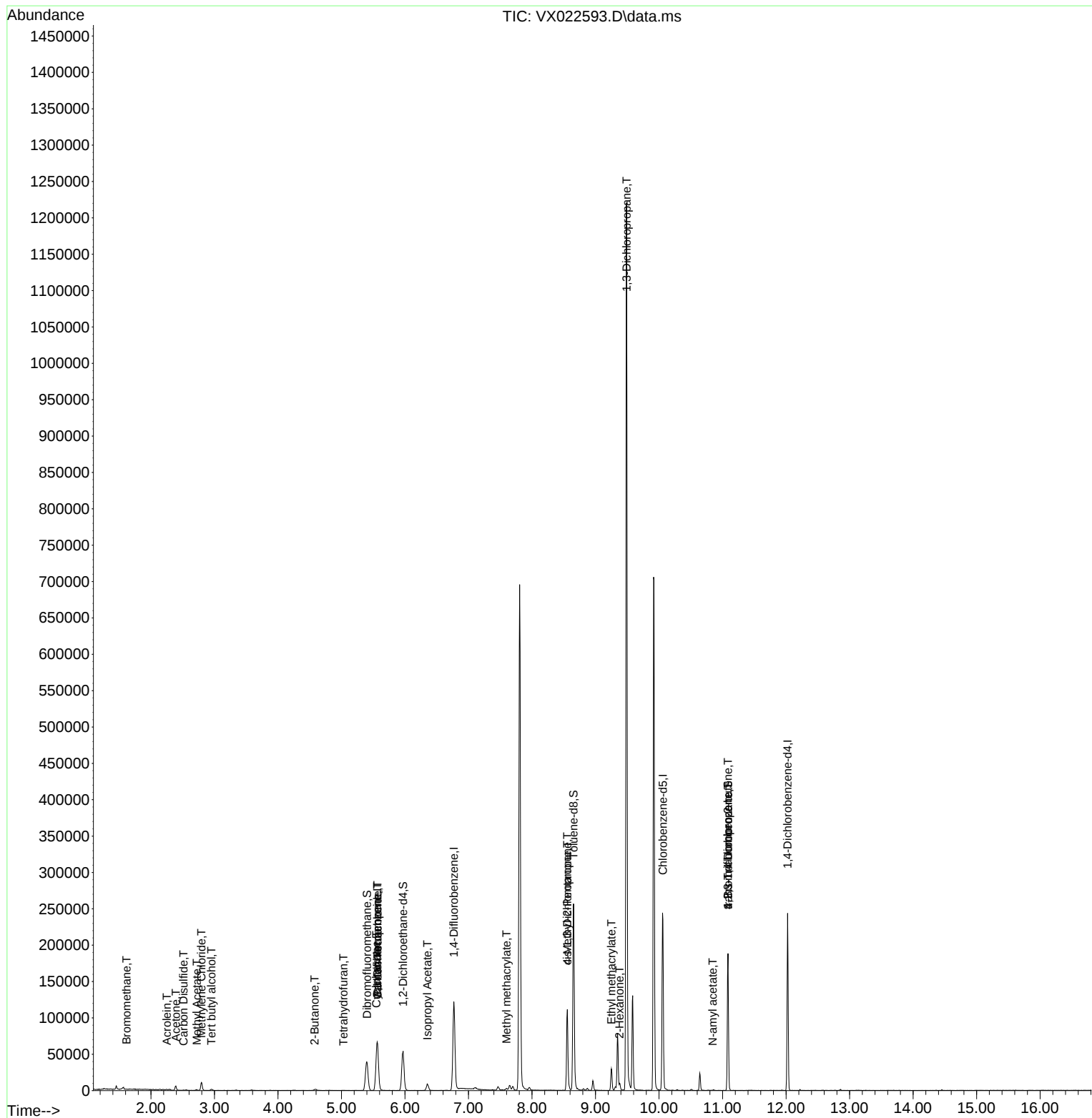
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	56463	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	114490	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	106058	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	41503	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	48417	48.235	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.480%
35) Dibromofluoromethane	5.403	113	34934	48.768	ug/l	0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.540%
50) Toluene-d8	8.653	98	145143	50.782	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.560%
62) 4-Bromofluorobenzene	11.085	95	50175	47.229	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.460%
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	98	0.240	ug/l	90
11) Tert butyl alcohol	2.953	59	1164	5.170	ug/l	# 73
13) Acrolein	2.252	56	178	4.756	ug/l	# 65
16) Acetone	2.392	43	6426	14.247	ug/l	# 82
17) Carbon Disulfide	2.514	76	563	3.677	ug/l	# 75
18) Methyl Acetate	2.721	43	1340	1.077	ug/l	# 69
20) Methylene Chloride	2.794	84	4344	4.613	ug/l	# 88
25) 2-Butanone	4.574	43	1375	1.845	ug/l	# 45
29) Tetrahydrofuran	5.032	42	255	0.583	ug/l	# 33
31) Cyclohexane	5.550	56	1658	1.396	ug/l	# 53
36) 1,1-Dichloropropene	5.562	75	5876	5.305	ug/l	# 47
38) Carbon Tetrachloride	5.568	117	6602	8.232	ug/l	# 15
43) Isopropyl Acetate	6.354	43	11733	5.091	ug/l	# 91
48) Methyl methacrylate	7.598	41	3388	3.159	ug/l	# 10
51) 4-Methyl-2-Pentanone	8.555	43	39352	27.411	ug/l	# 45
54) cis-1,3-Dichloropropene	8.555	75	17321	13.459	ug/l	# 65
56) Ethyl methacrylate	9.250	69	70	2.744	ug/l	# 1
57) 1,3-Dichloropropane	9.488	76	10454	6.914	ug/l	# 42
59) 2-Hexanone	9.378	43	4335	3.953	ug/l	# 19
74) N-amyl acetate	10.848	43	387	0.213	ug/l	# 69
76) 1,2,3-Trichloropropane	11.085	75	28157	26.188	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	28157	64.530	ug/l	# 12

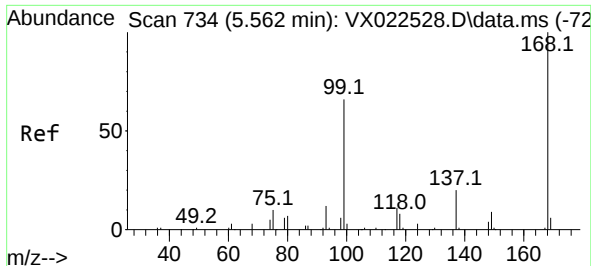
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060821\
Data File : VX022593.D
Acq On : 09 Jun 2021 03:29
Operator : JC/MD
Sample : M2625-32
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 09 04:05:20 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

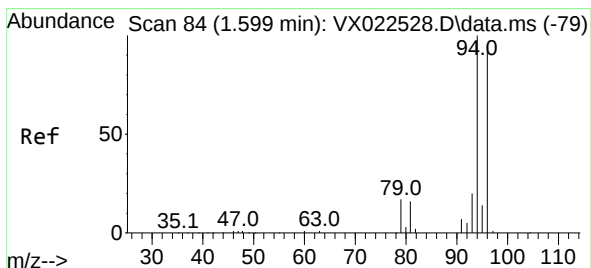
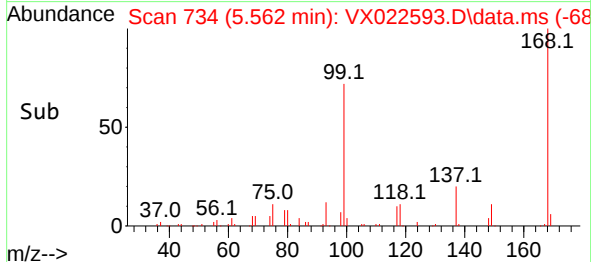
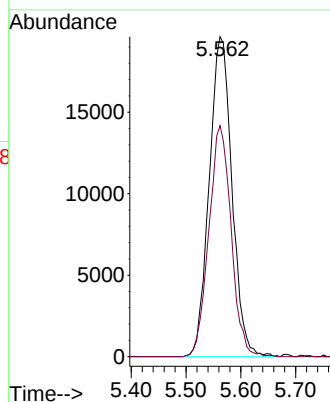
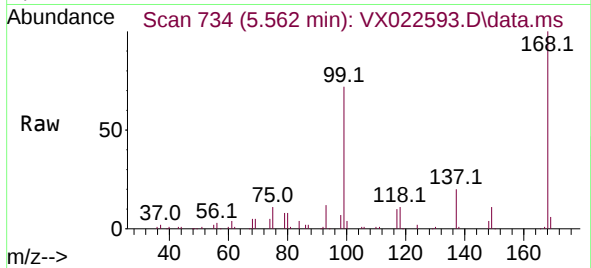




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022593.D
Acq: 09 Jun 2021 03:29

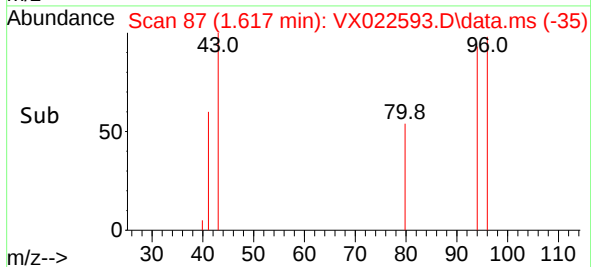
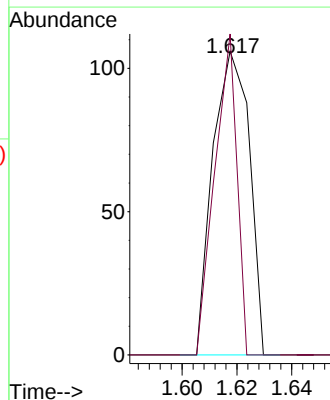
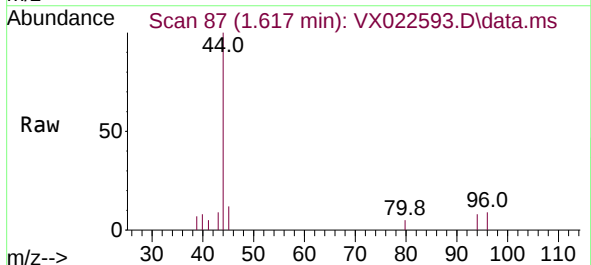
Instrument :
MSVOA_X
ClientSampled :

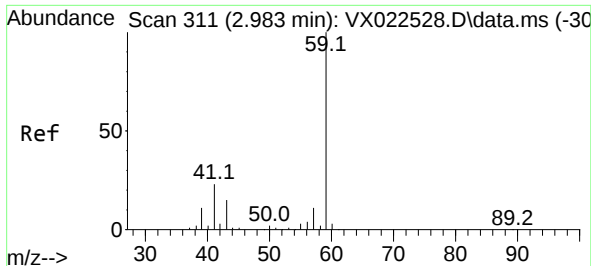
Tgt Ion:168 Resp: 56463
Ion Ratio Lower Upper
168 100
99 72.2 45.8 68.6#



#5
Bromomethane
Concen: 0.240 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX022593.D
Acq: 09 Jun 2021 03:29

Tgt Ion: 94 Resp: 98
Ion Ratio Lower Upper
94 100
96 105.7 76.4 114.6



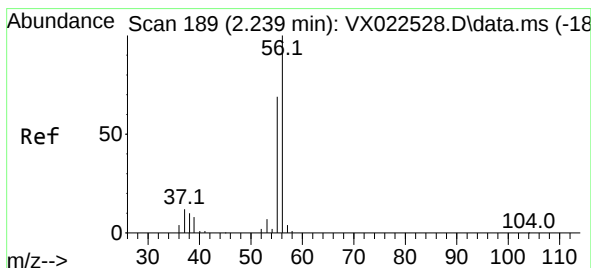
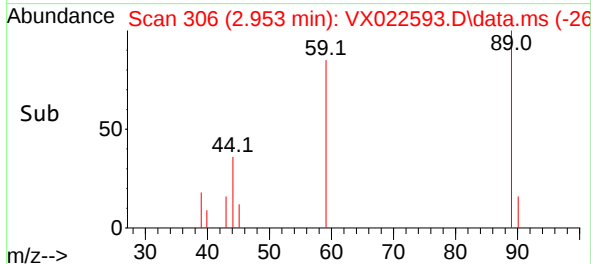
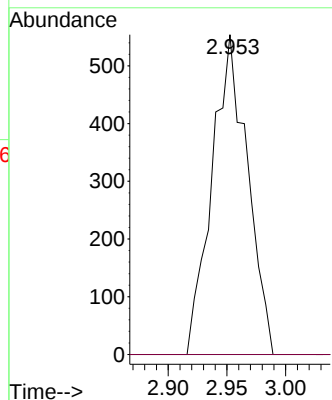
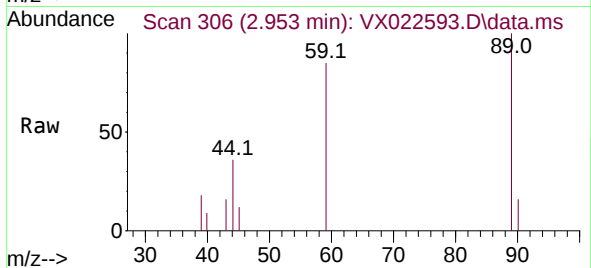


#11

Tert butyl alcohol
Concen: 5.170 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX022593.D
Acq: 09 Jun 2021 03:29

Instrument :
MSVOA_X
ClientSampled :

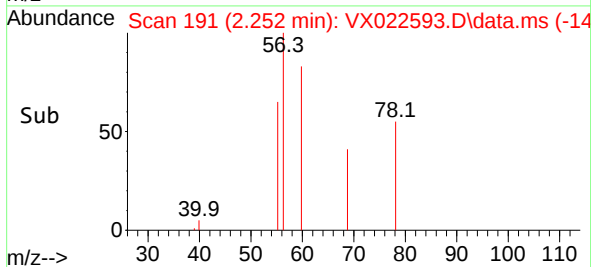
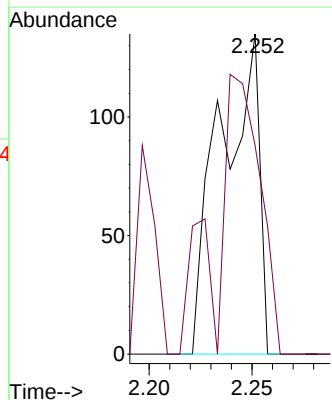
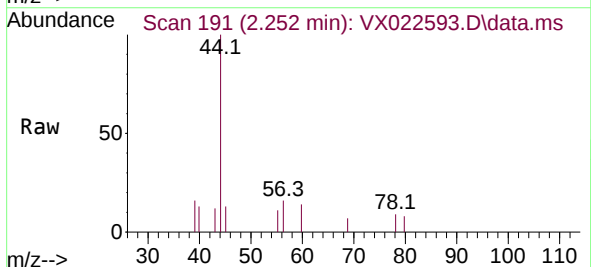
Tgt Ion: 59 Resp: 1164
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

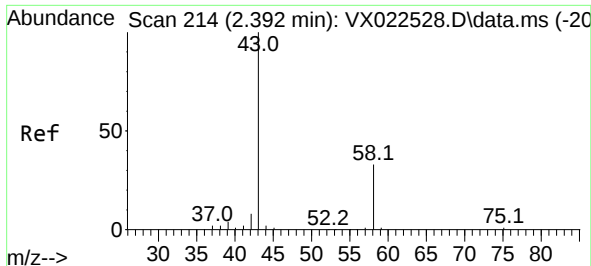


#13

Acrolein
Concen: 4.756 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.013 min
Lab File: VX022593.D
Acq: 09 Jun 2021 03:29

Tgt Ion: 56 Resp: 178
Ion Ratio Lower Upper
56 100
55 99.4 56.4 84.6#

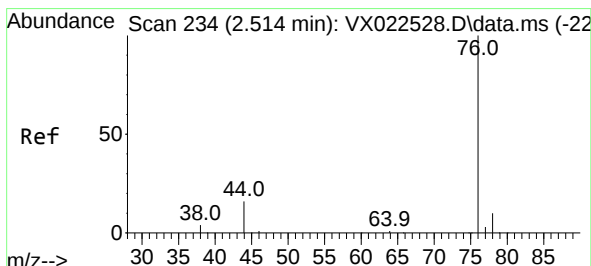
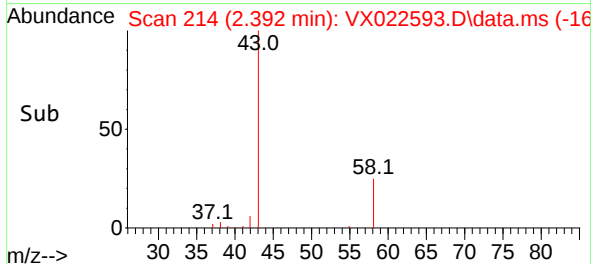
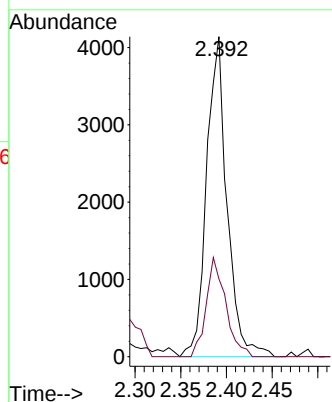
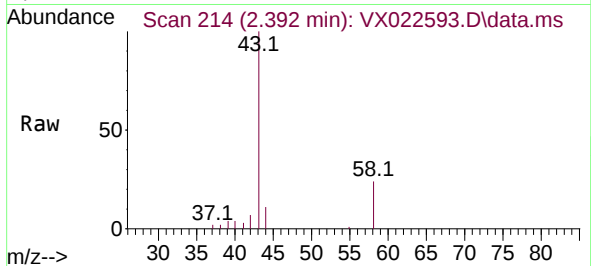




#16
Acetone
Concen: 14.247 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022593.D
Acq: 09 Jun 2021 03:29

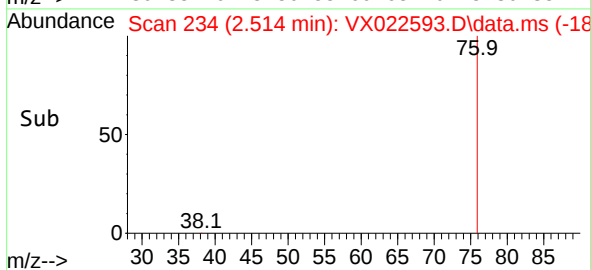
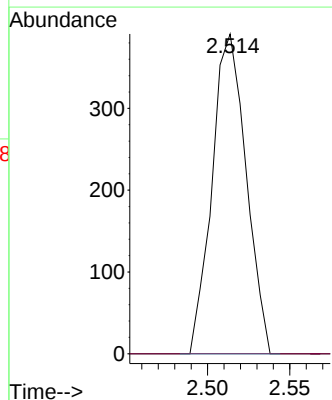
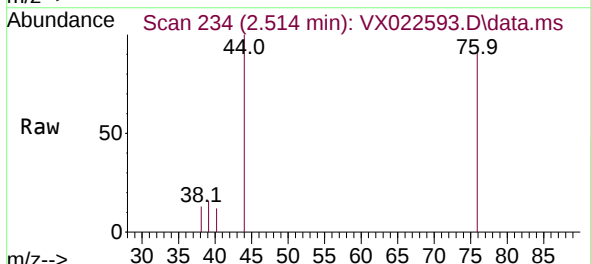
Instrument :
MSVOA_X
ClientSampled :

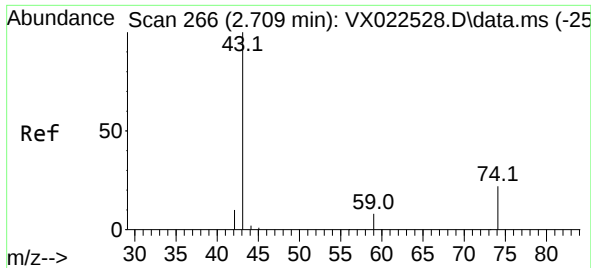
Tgt Ion: 43 Resp: 6426
Ion Ratio Lower Upper
43 100
58 24.3 27.8 41.8#



#17
Carbon Disulfide
Concen: 3.677 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022593.D
Acq: 09 Jun 2021 03:29

Tgt Ion: 76 Resp: 563
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

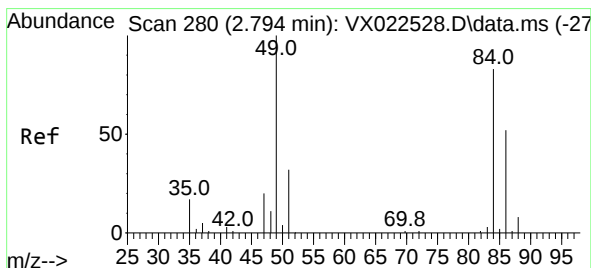
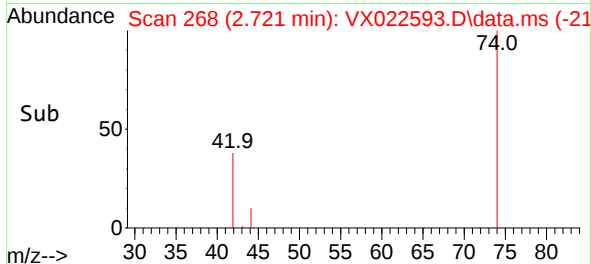
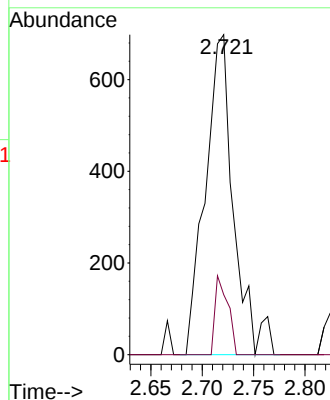
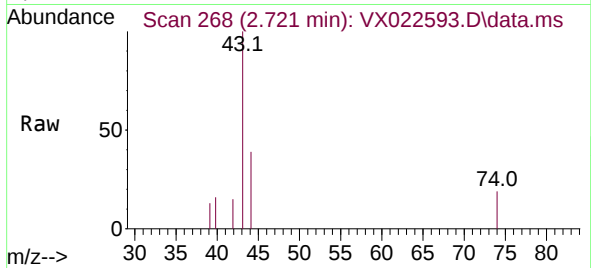




#18
Methyl Acetate
Concen: 1.077 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.012 min
Lab File: VX022593.D
Acq: 09 Jun 2021 03:29

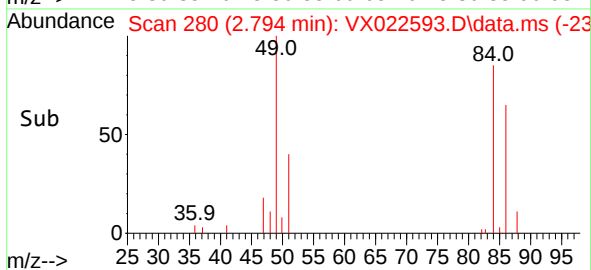
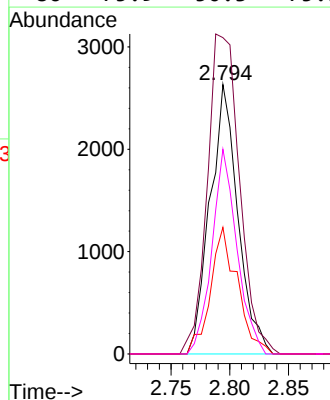
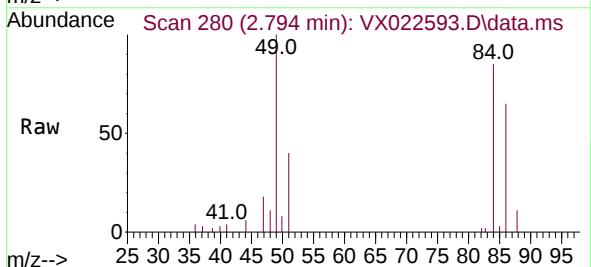
Instrument :
MSVOA_X
ClientSampled :

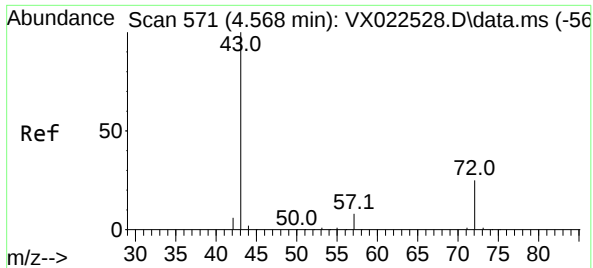
Tgt Ion: 43 Resp: 1340
Ion Ratio Lower Upper
43 100
74 11.0 21.9 32.9#



#20
Methylene Chloride
Concen: 4.613 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022593.D
Acq: 09 Jun 2021 03:29

Tgt Ion: 84 Resp: 4344
Ion Ratio Lower Upper
84 100
49 117.4 88.6 132.8
51 47.0 27.0 40.6#
86 75.9 50.3 75.5#

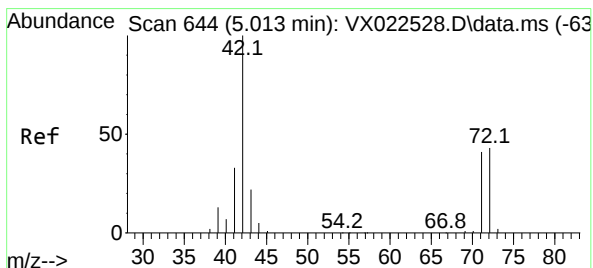
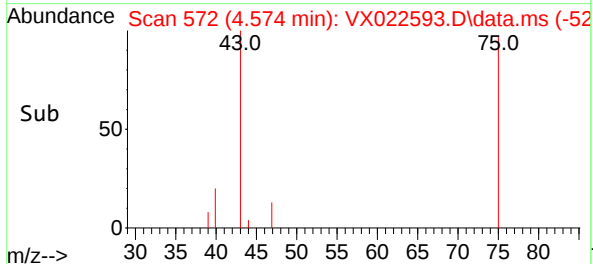
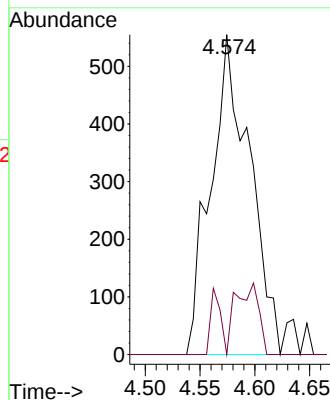
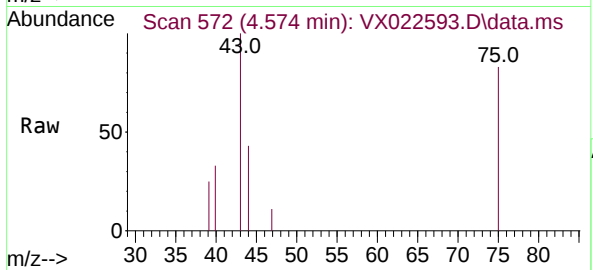




#25
2-Butanone
Concen: 1.845 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX022593.D
Acq: 09 Jun 2021 03:29

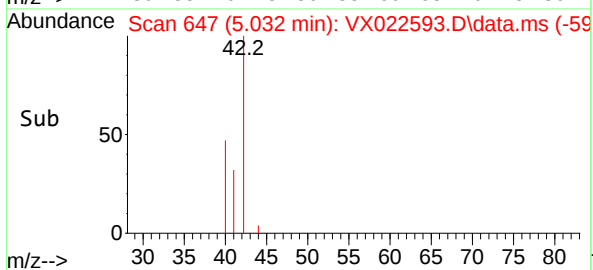
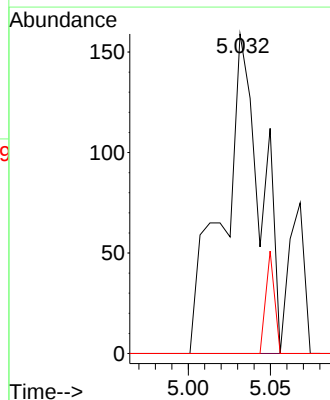
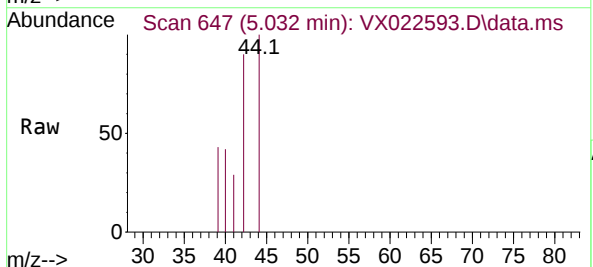
Instrument :
MSVOA_X
ClientSampled :

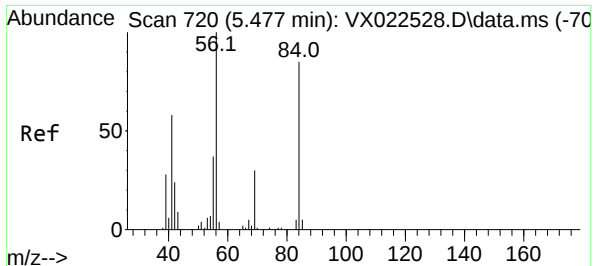
Tgt Ion: 43 Resp: 1375
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#29
Tetrahydrofuran
Concen: 0.583 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.019 min
Lab File: VX022593.D
Acq: 09 Jun 2021 03:29

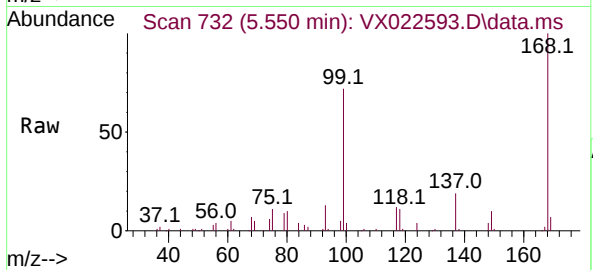
Tgt Ion: 42 Resp: 255
Ion Ratio Lower Upper
42 100
72 0.0 41.7 62.5#
71 7.5 38.4 57.6#



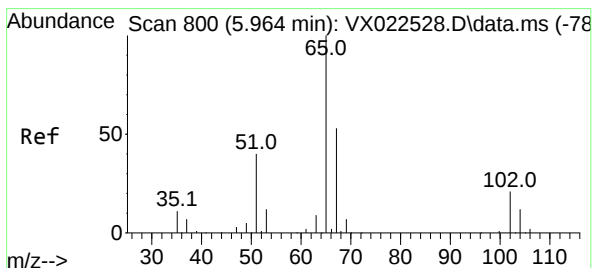
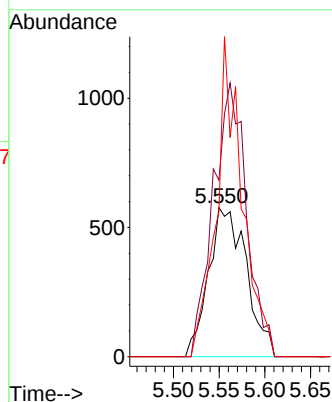
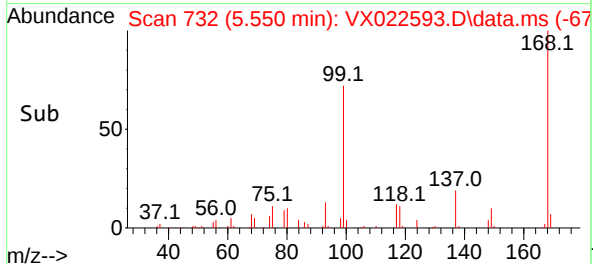


#31
Cyclohexane
Concen: 1.396 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX022593.D
Acq: 09 Jun 2021 03:29

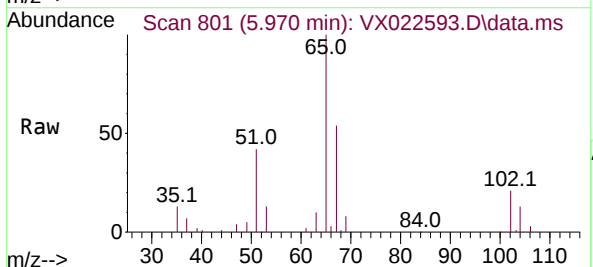
Instrument :
MSVOA_X
ClientSampled :



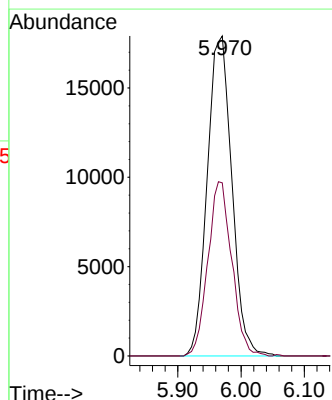
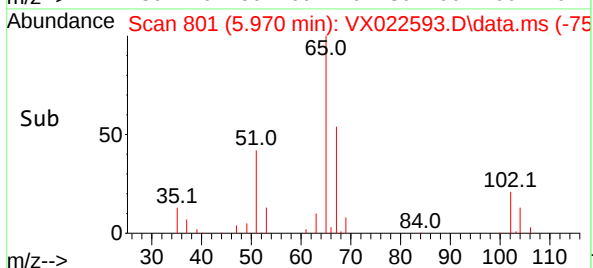
Tgt Ion: 56 Resp: 1658
Ion Ratio Lower Upper
56 100
69 118.4 25.3 37.9#
84 97.2 71.4 107.0

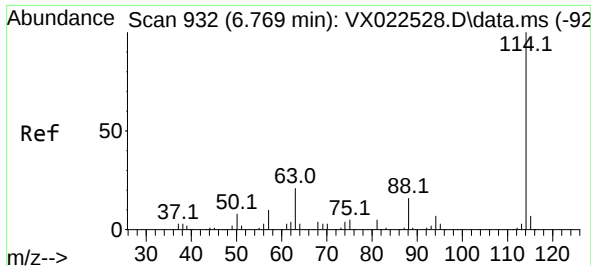


#33
1,2-Dichloroethane-d4
Concen: 48.235 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX022593.D
Acq: 09 Jun 2021 03:29



Tgt Ion: 65 Resp: 48417
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.4

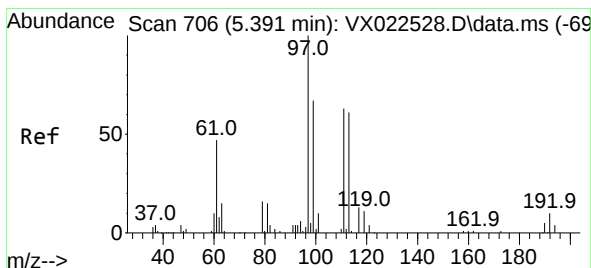
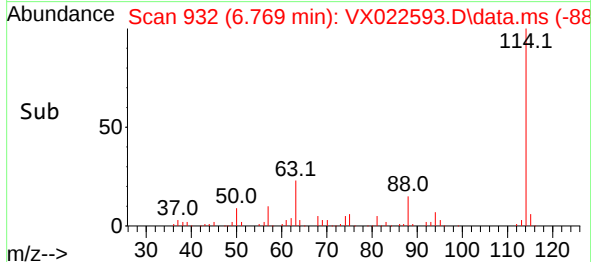
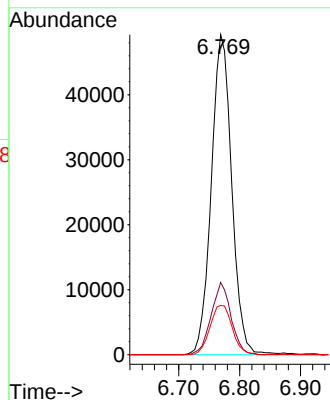
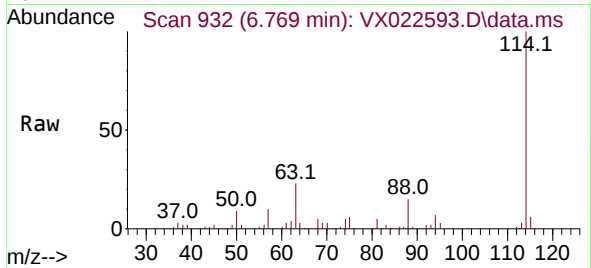




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022593.D
Acq: 09 Jun 2021 03:29

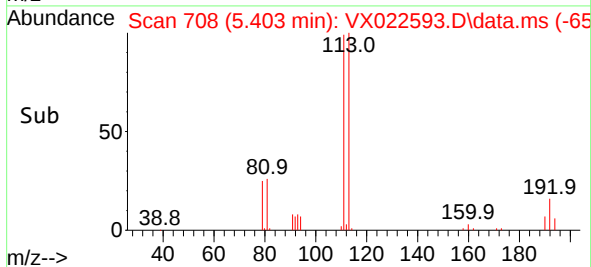
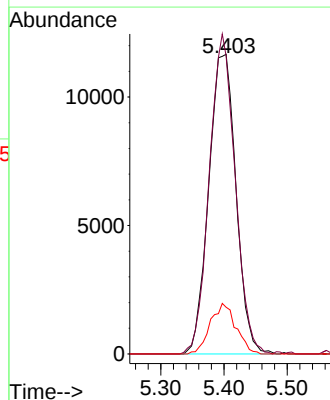
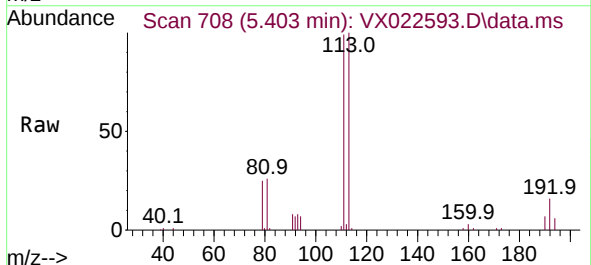
Instrument :
MSVOA_X
ClientSampleId :

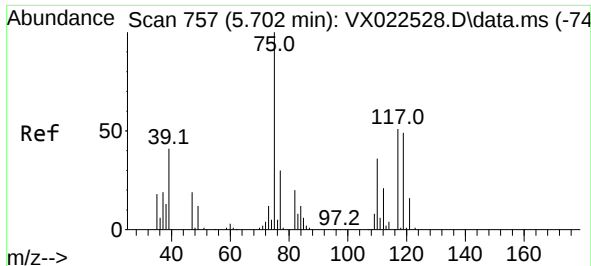
Tgt Ion:114 Resp: 114490
Ion Ratio Lower Upper
114 100
63 22.6 0.0 40.8
88 15.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.768 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.012 min
Lab File: VX022593.D
Acq: 09 Jun 2021 03:29

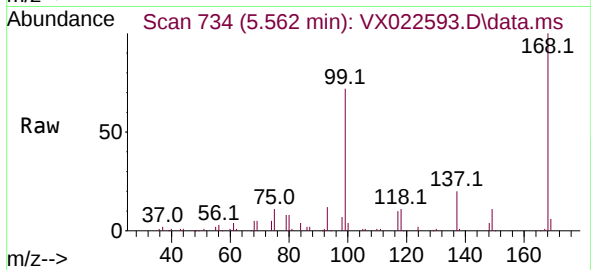
Tgt Ion:113 Resp: 34934
Ion Ratio Lower Upper
113 100
111 100.8 81.9 122.9
192 15.9 16.7 25.1#



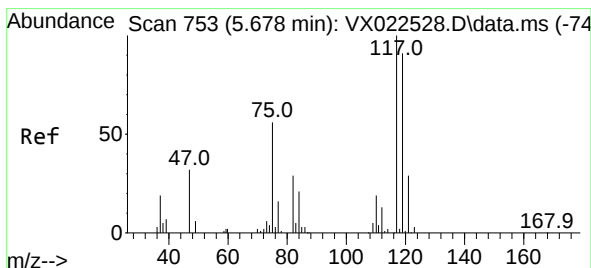
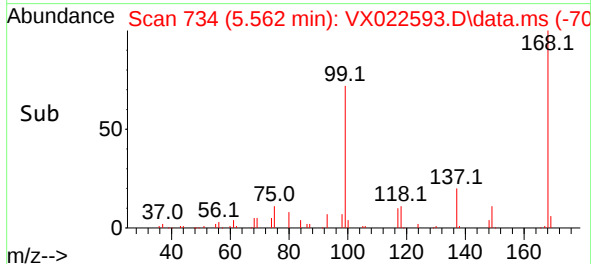
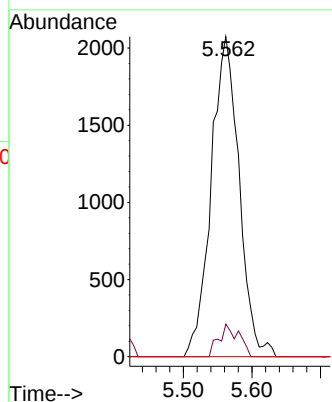


#36
1,1-Dichloropropene
Concen: 5.305 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022593.D
Acq: 09 Jun 2021 03:29

Instrument :
MSVOA_X
ClientSampled :

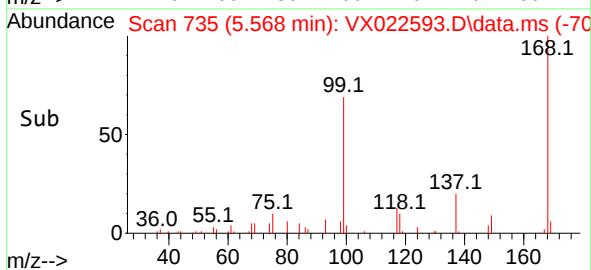
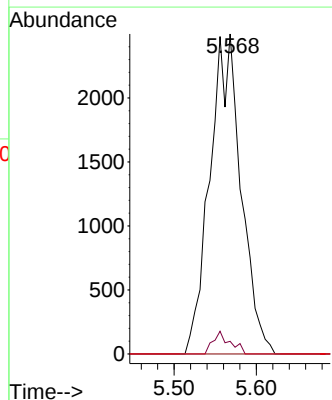
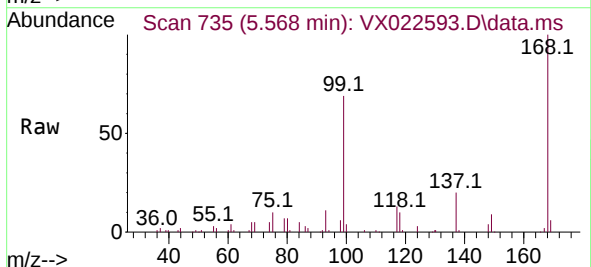


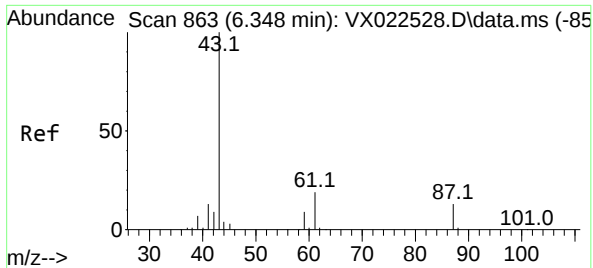
Tgt Ion: 75 Resp: 5876
Ion Ratio Lower Upper
75 100
110 7.2 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 8.232 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.110 min
Lab File: VX022593.D
Acq: 09 Jun 2021 03:29

Tgt Ion: 117 Resp: 6602
Ion Ratio Lower Upper
117 100
119 4.0 76.2 114.2#
121 0.0 24.8 37.2#

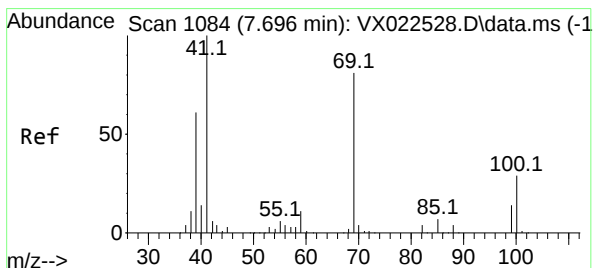
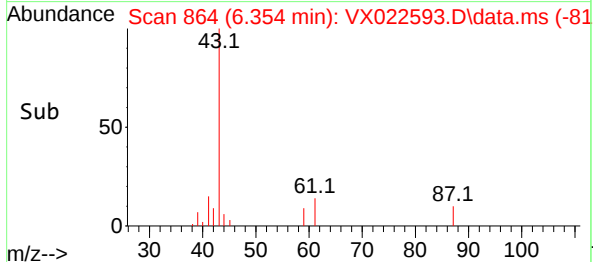
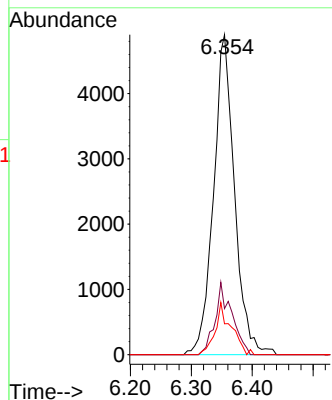
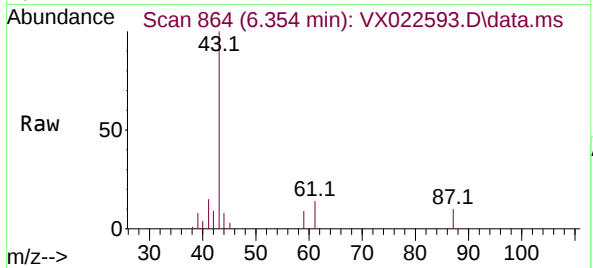




#43
Isopropyl Acetate
Concen: 5.091 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.006 min
Lab File: VX022593.D
Acq: 09 Jun 2021 03:29

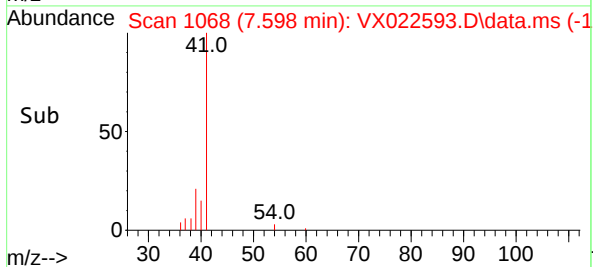
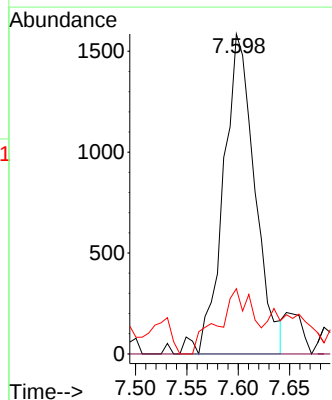
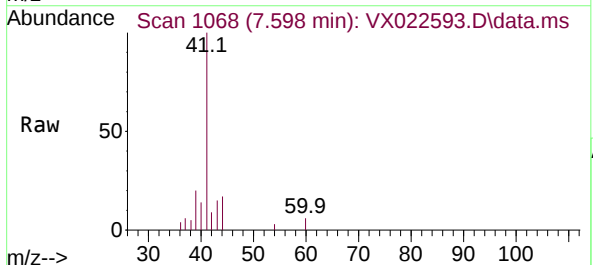
Instrument :
MSVOA_X
ClientSampled :

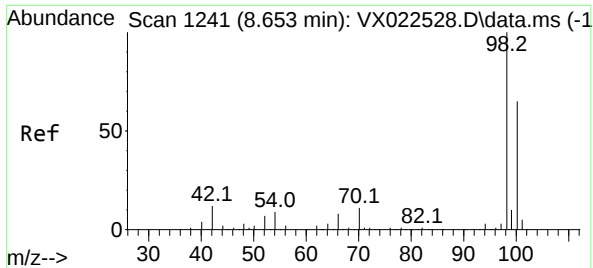
Tgt Ion: 43 Resp: 11733
Ion Ratio Lower Upper
43 100
61 18.3 18.2 27.4
87 12.4 12.5 18.7#



#48
Methyl methacrylate
Concen: 3.159 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX022593.D
Acq: 09 Jun 2021 03:29

Tgt Ion: 41 Resp: 3388
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#

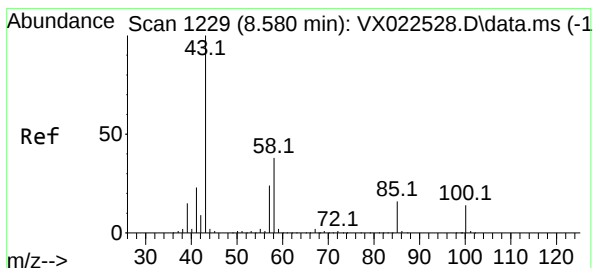
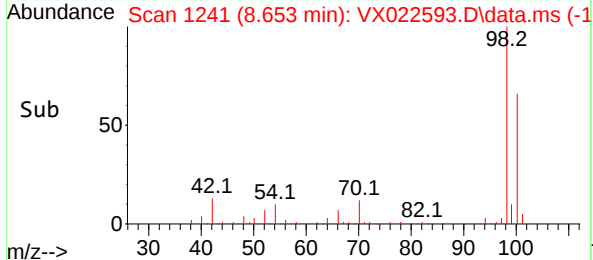
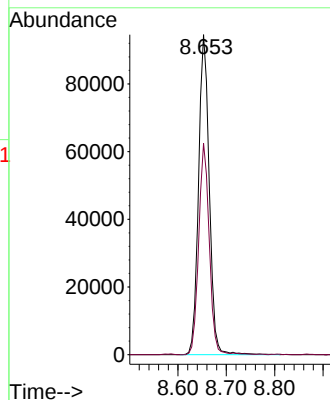
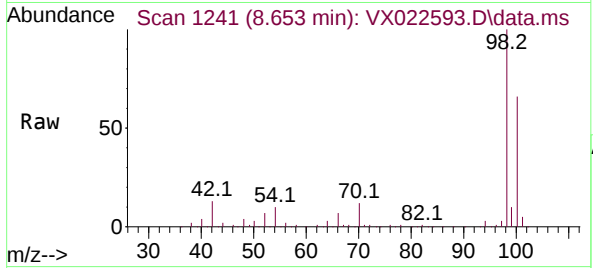




#50
Toluene-d8
Concen: 50.782 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022593.D
Acq: 09 Jun 2021 03:29

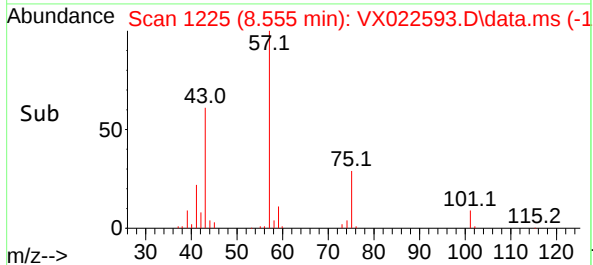
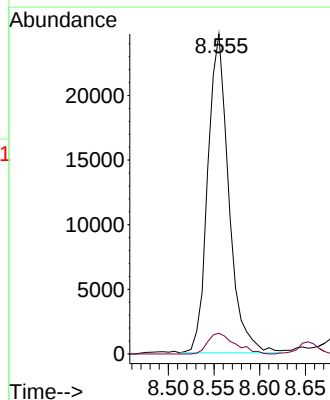
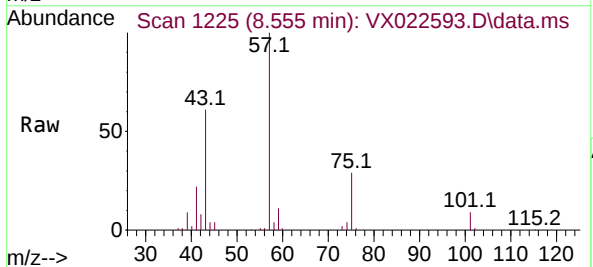
Instrument :
MSVOA_X
ClientSampled :

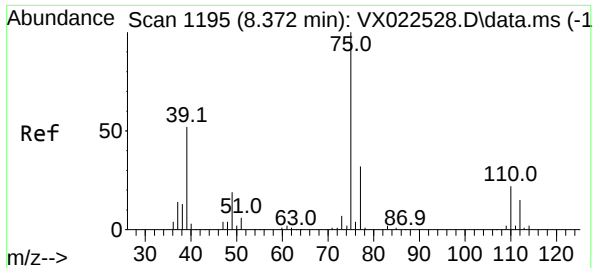
Tgt Ion: 98 Resp: 145143
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 27.411 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022593.D
Acq: 09 Jun 2021 03:29

Tgt Ion: 43 Resp: 39352
Ion Ratio Lower Upper
43 100
58 8.4 35.4 53.0#

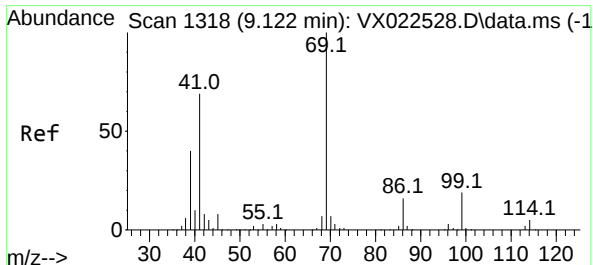
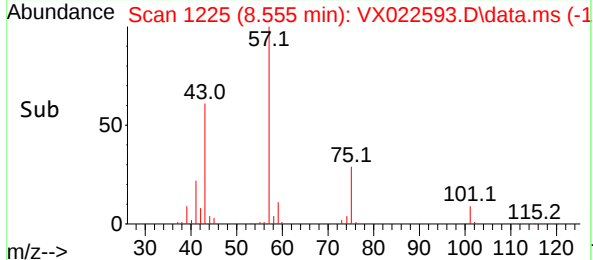
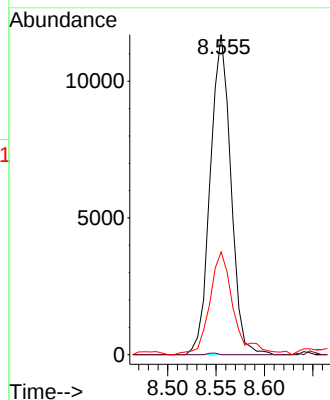
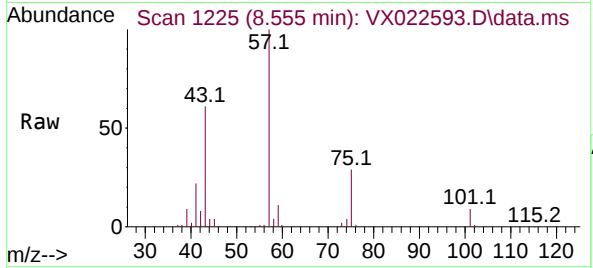




#54
 cis-1,3-Dichloropropene
 Concen: 13.459 ug/l
 RT: 8.555 min Scan# 1225
 Delta R.T. 0.183 min
 Lab File: VX022593.D
 Acq: 09 Jun 2021 03:29

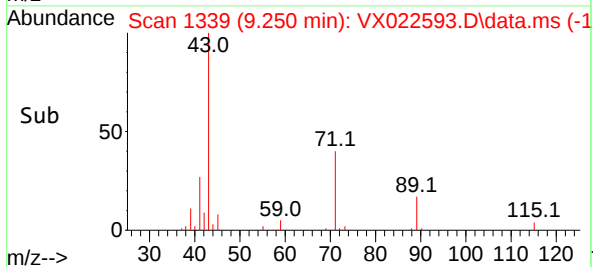
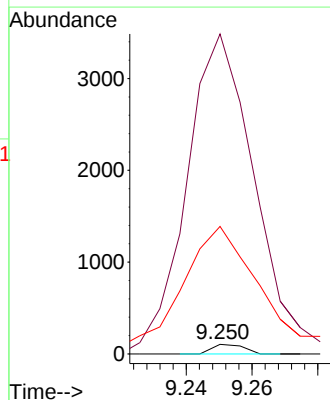
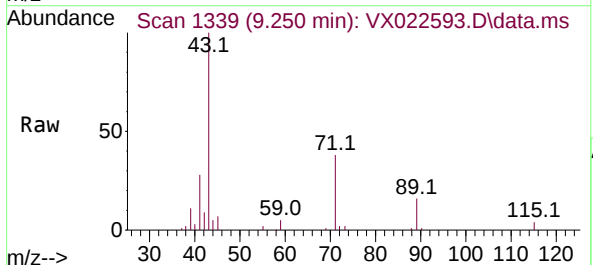
Instrument :
 MSVOA_X
 ClientSampled :

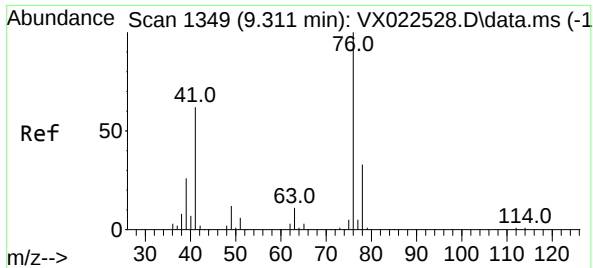
Tgt Ion: 75 Resp: 17321
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.7 38.5#
 39 31.5 35.1 52.7#



#56
 Ethyl methacrylate
 Concen: 2.744 ug/l
 RT: 9.250 min Scan# 1339
 Delta R.T. 0.128 min
 Lab File: VX022593.D
 Acq: 09 Jun 2021 03:29

Tgt Ion: 69 Resp: 70
 Ion Ratio Lower Upper
 69 100
 41 7207.1 46.8 70.2#
 39 3460.0 24.7 37.1#

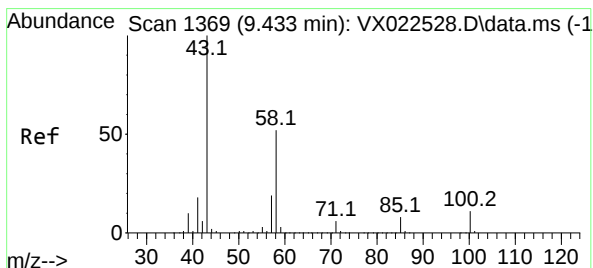
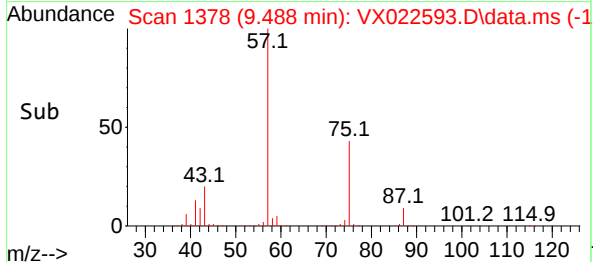
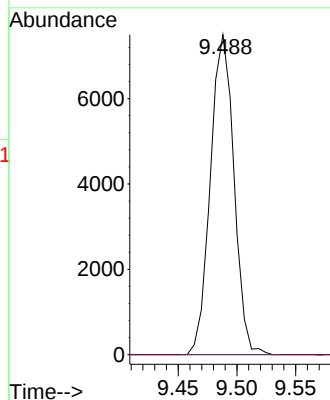
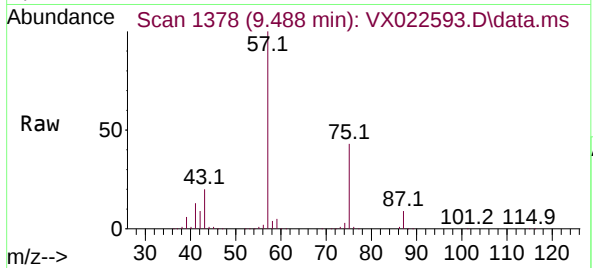




#57
1,3-Dichloropropane
Concen: 6.914 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022593.D
Acq: 09 Jun 2021 03:29

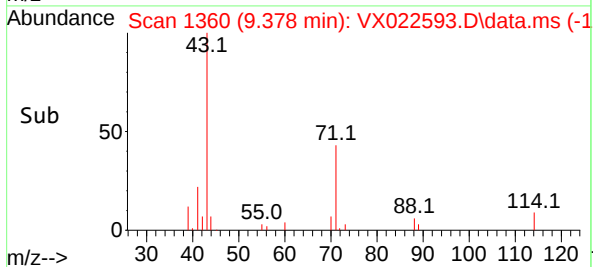
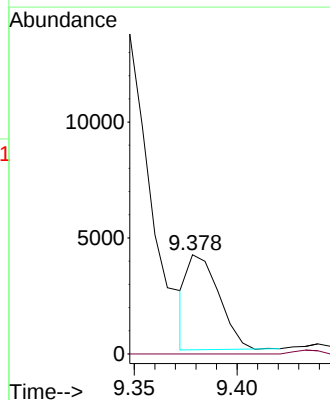
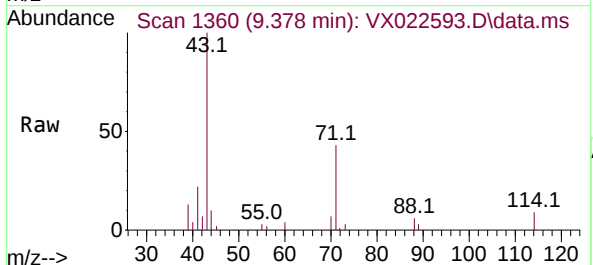
Instrument :
MSVOA_X
ClientSampleId :

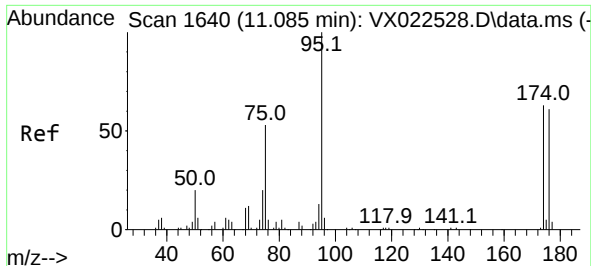
Tgt Ion: 76 Resp: 10454
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#



#59
2-Hexanone
Concen: 3.953 ug/l
RT: 9.378 min Scan# 1360
Delta R.T. -0.055 min
Lab File: VX022593.D
Acq: 09 Jun 2021 03:29

Tgt Ion: 43 Resp: 4335
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.8#

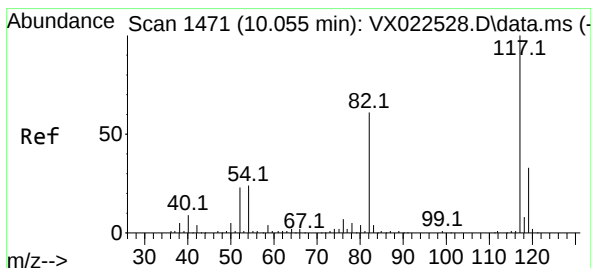
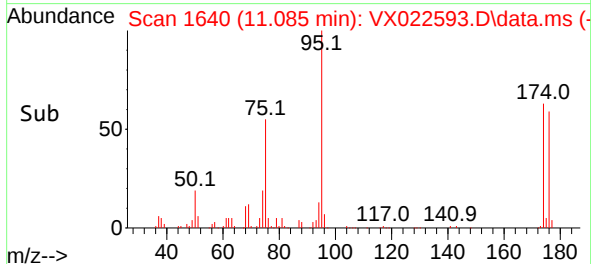
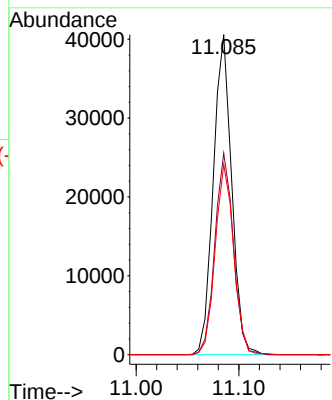
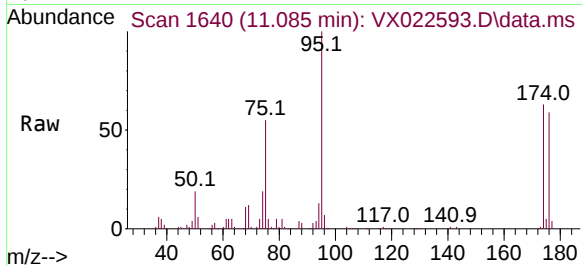




#62
4-Bromofluorobenzene
Concen: 47.229 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022593.D
Acq: 09 Jun 2021 03:29

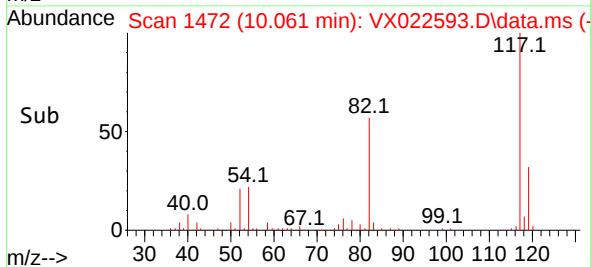
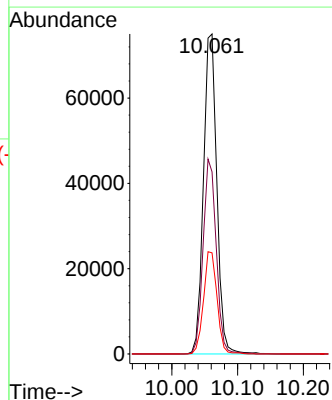
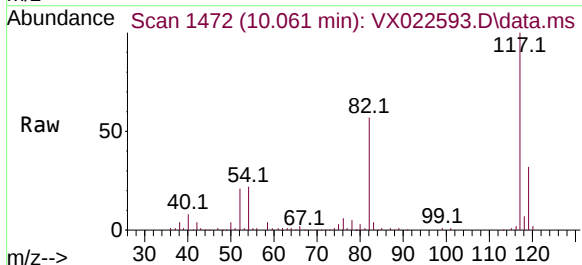
Instrument :
MSVOA_X
ClientSampleId :

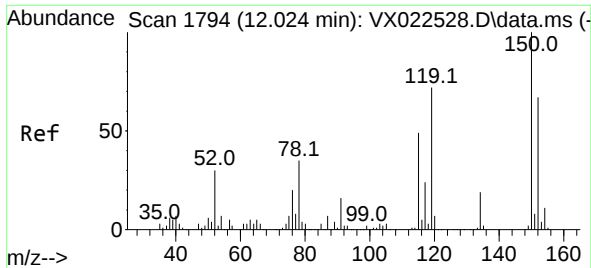
Tgt Ion: 95 Resp: 50175
Ion Ratio Lower Upper
95 100
174 63.4 0.0 154.6
176 59.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX022593.D
Acq: 09 Jun 2021 03:29

Tgt Ion: 117 Resp: 106058
Ion Ratio Lower Upper
117 100
82 56.9 47.4 71.2
119 31.6 26.6 39.8

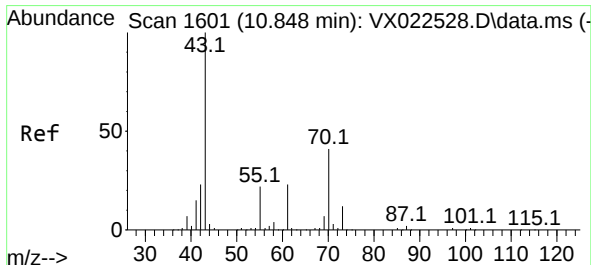
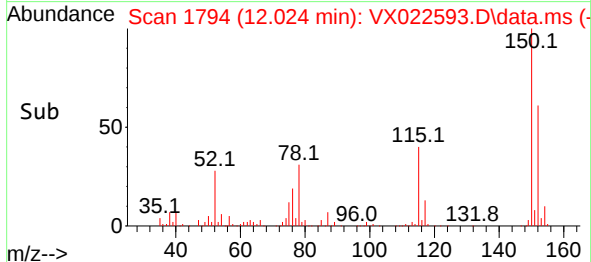
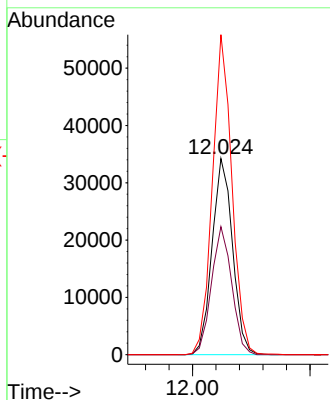
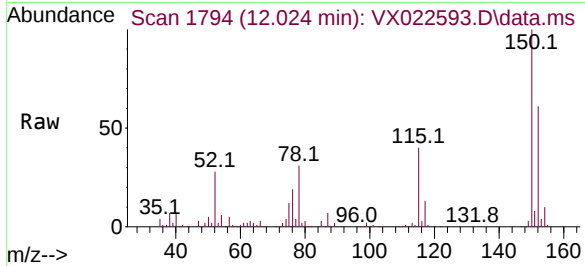




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. -0.000 min
 Lab File: VX022593.D
 Acq: 09 Jun 2021 03:29

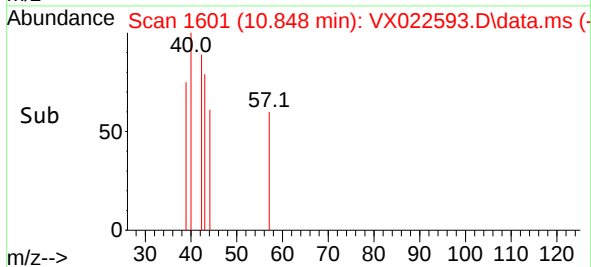
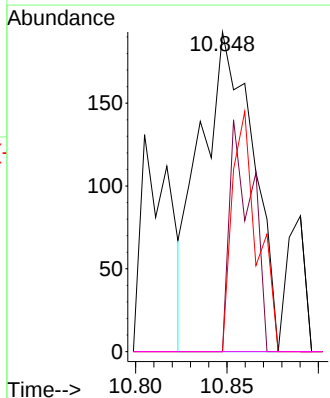
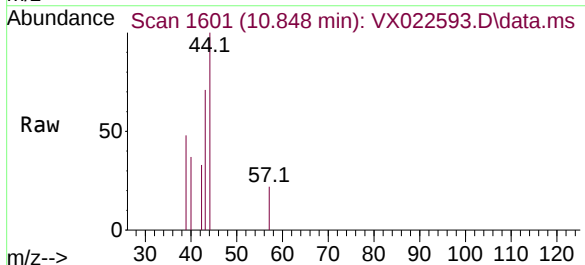
Instrument :
 MSVOA_X
 ClientSampled :

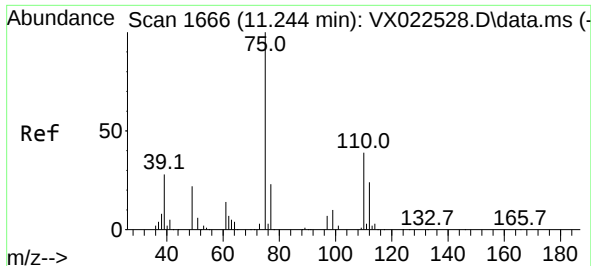
Tgt Ion:152 Resp: 41503
 Ion Ratio Lower Upper
 152 100
 115 64.4 41.1 123.3
 150 155.4 0.0 349.0



#74
 N-ethyl acetate
 Concen: 0.213 ug/l
 RT: 10.848 min Scan# 1601
 Delta R.T. -0.000 min
 Lab File: VX022593.D
 Acq: 09 Jun 2021 03:29

Tgt Ion: 43 Resp: 387
 Ion Ratio Lower Upper
 43 100
 70 31.0 39.0 58.6#
 55 35.7 21.5 32.3#
 61 0.0 22.1 33.1#

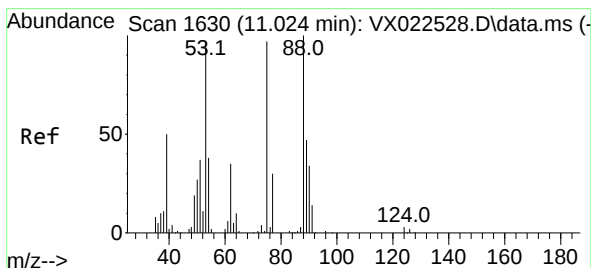
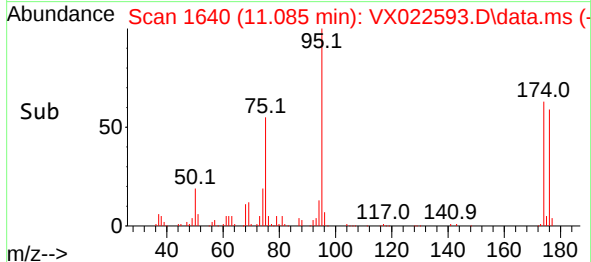
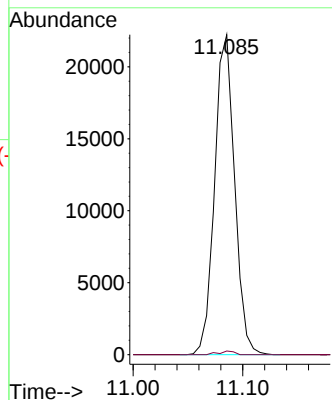
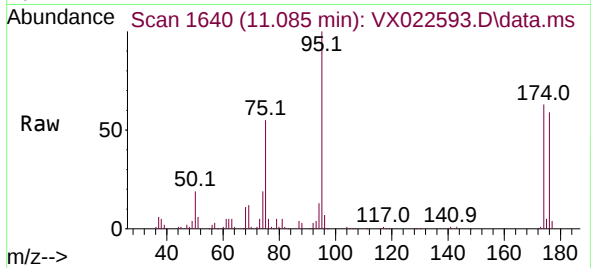




#76
1,2,3-Trichloropropane
Concen: 26.188 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022593.D
Acq: 09 Jun 2021 03:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 28157
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.530 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022593.D
Acq: 09 Jun 2021 03:29

Tgt Ion: 75 Resp: 28157
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#

