

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060421\
 Data File : VX022452.D
 Acq On : 05 Jun 2021 07:08
 Operator : JC/MD
 Sample : PB136806ZHE#19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 05 07:47:20 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)

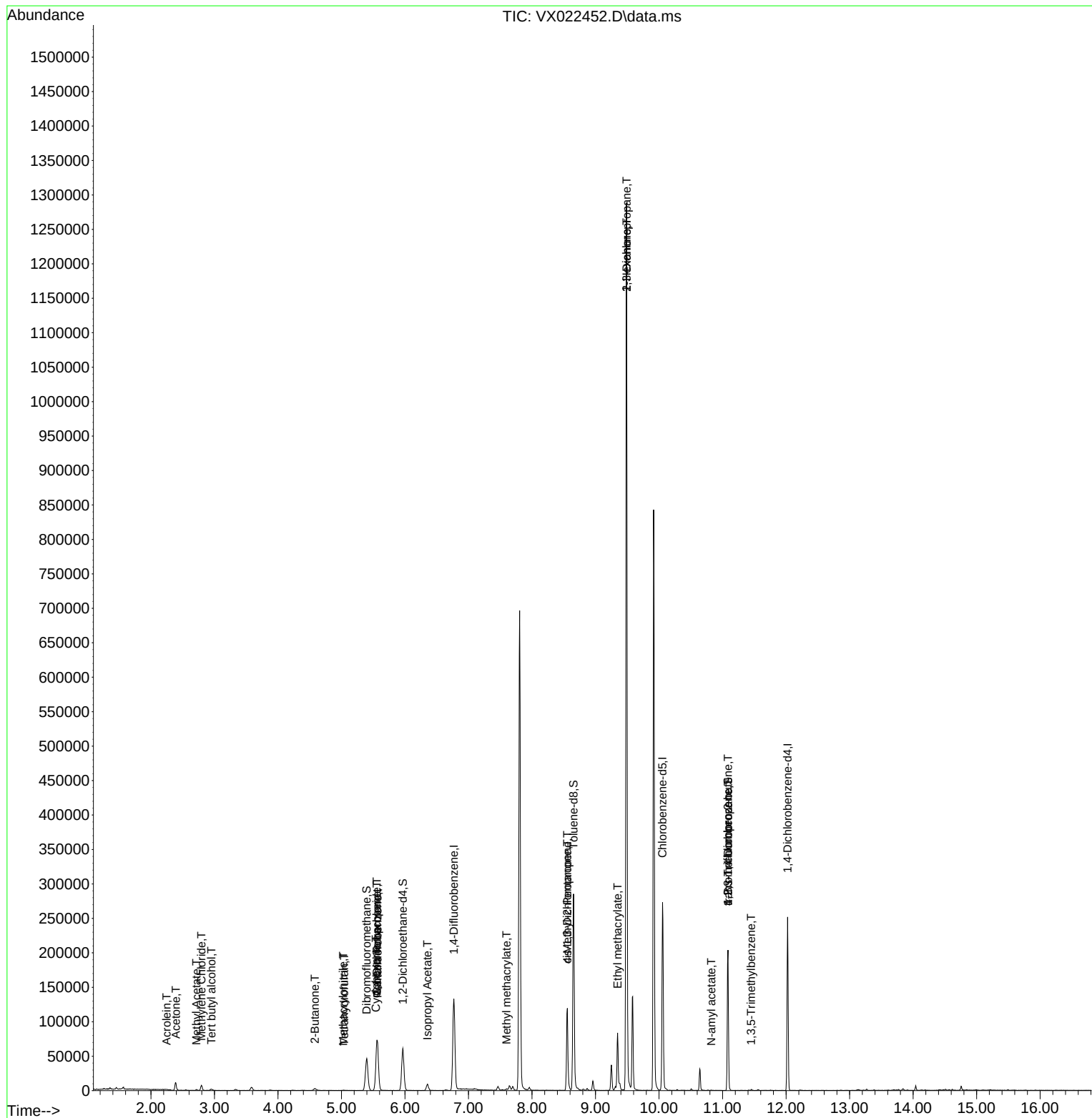
Internal Standards						
1) Pentafluorobenzene	5.568	168	64422	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	131058	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	117539	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	45529	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	54350	54.692	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.380%	
35) Dibromofluoromethane	5.397	113	39095	47.040	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.080%	
50) Toluene-d8	8.653	98	162716	50.825	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.640%	
62) 4-Bromofluorobenzene	11.085	95	55599	46.985	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.960%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	1424	6.265	ug/l #	73
13) Acrolein	2.245	56	62	0.411	ug/l #	47
16) Acetone	2.392	43	11986	27.700	ug/l	88
18) Methyl Acetate	2.715	43	1497	1.301	ug/l	97
20) Methylene Chloride	2.794	84	3181	3.311	ug/l	95
25) 2-Butanone	4.580	43	3038	4.340	ug/l	97
29) Tetrahydrofuran	5.044	42	268	0.643	ug/l #	40
31) Cyclohexane	5.544	56	885	0.709	ug/l #	30
36) 1,1-Dichloropropene	5.556	75	6233	5.143	ug/l #	44
38) Carbon Tetrachloride	5.556	117	7237	6.105	ug/l #	16
41) Methacrylonitrile	5.025	41	162	0.204	ug/l #	10
43) Isopropyl Acetate	6.355	43	11893	4.894	ug/l #	93
48) Methyl methacrylate	7.598	41	3441	3.073	ug/l #	10
51) 4-Methyl-2-Pentanone	8.555	43	42273	29.042	ug/l #	46
54) cis-1,3-Dichloropropene	8.555	75	19027	11.873	ug/l #	66
56) Ethyl methacrylate	9.348	69	403	0.260	ug/l #	1
57) 1,3-Dichloropropane	9.488	76	11202	6.844	ug/l #	42
59) 2-Hexanone	9.488	43	149705	136.750	ug/l #	44
74) N-amyl acetate	10.823	43	424	0.232	ug/l #	38
76) 1,2,3-Trichloropropane	11.085	75	31063	27.656	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.451	105	823	0.258	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.085	75	31063	65.526	ug/l #	12

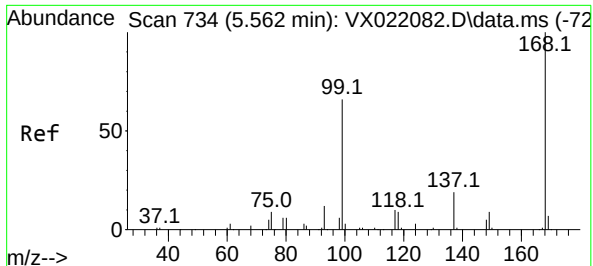
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampleId :

Quant Time: Jun 05 07:47:20 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

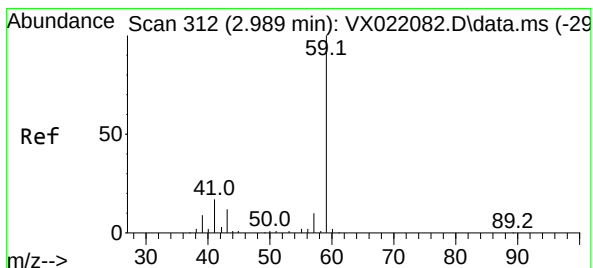
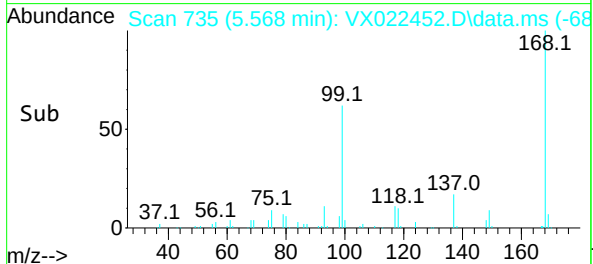
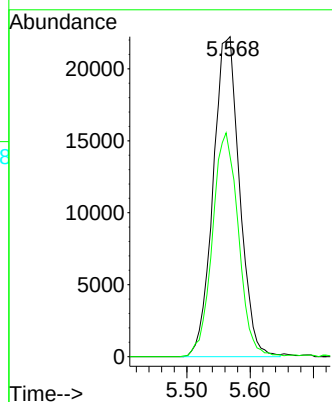
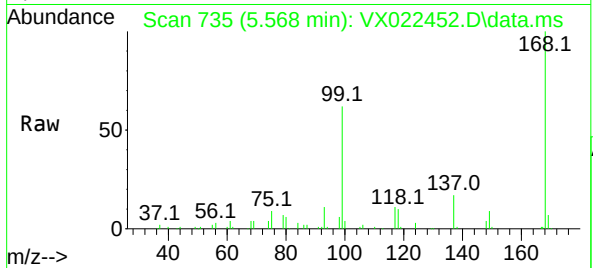




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX022452.D
Acq: 05 Jun 2021 07:08

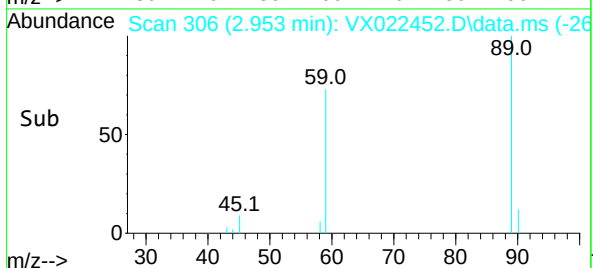
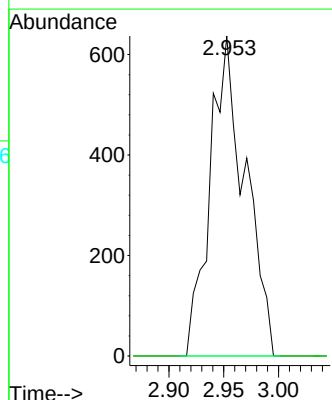
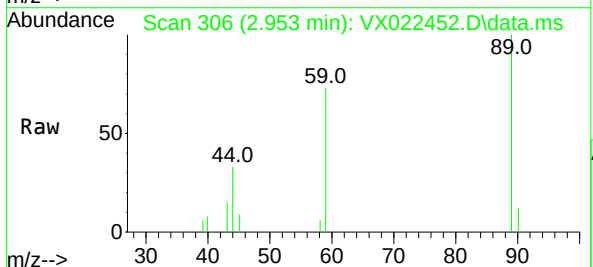
Instrument :
MSVOA_X
ClientSampled :

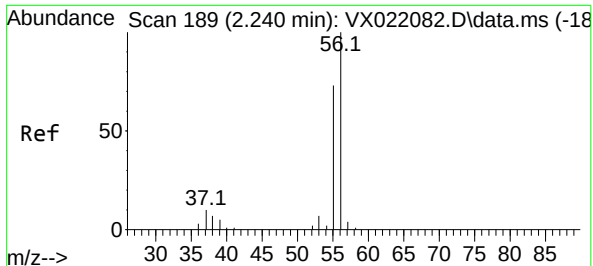
Tgt Ion:168 Resp: 64422
Ion Ratio Lower Upper
168 100
99 62.4 45.8 68.6



#11
Tert butyl alcohol
Concen: 6.265 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX022452.D
Acq: 05 Jun 2021 07:08

Tgt Ion: 59 Resp: 1424
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

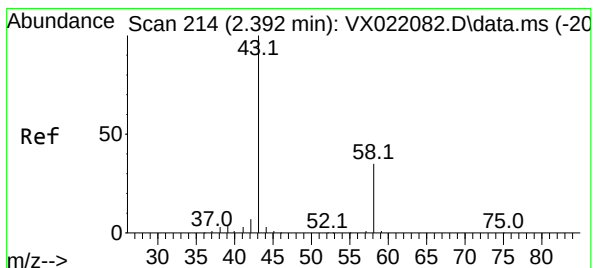
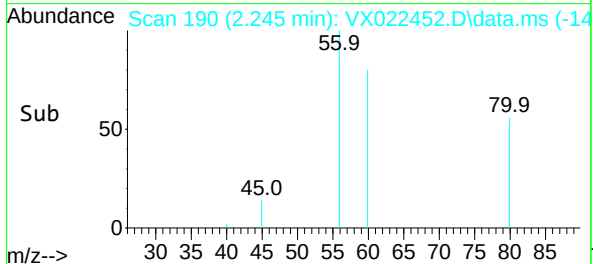
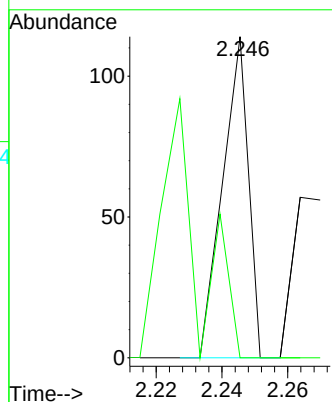
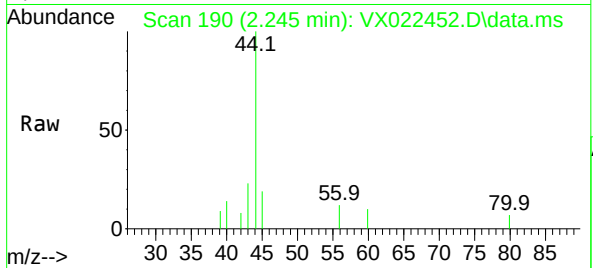




#13
Acrolein
Concen: 0.411 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.005 min
Lab File: VX022452.D
Acq: 05 Jun 2021 07:08

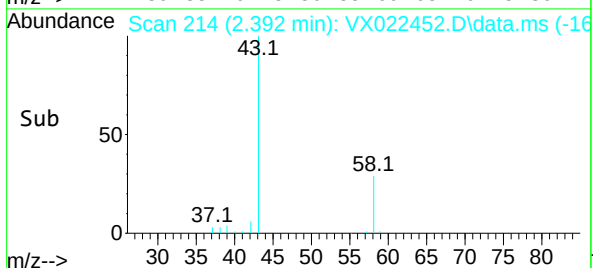
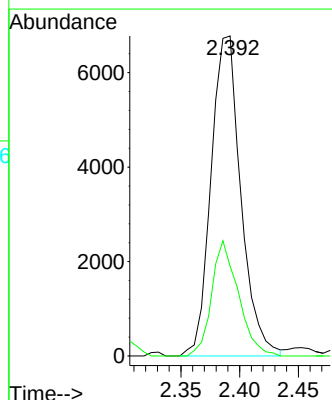
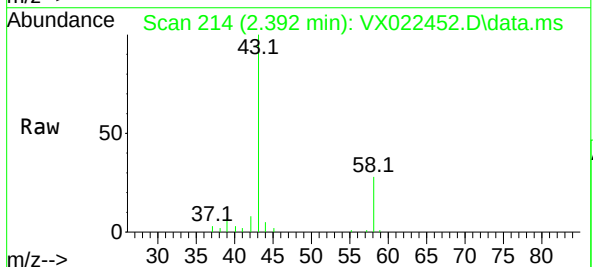
Instrument :
MSVOA_X
ClientSampled :

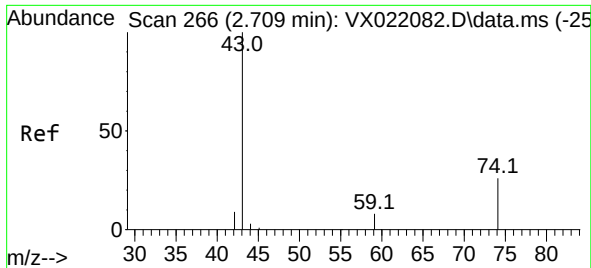
Tgt Ion: 56 Resp: 62
Ion Ratio Lower Upper
56 100
55 114.5 56.4 84.6#



#16
Acetone
Concen: 27.700 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022452.D
Acq: 05 Jun 2021 07:08

Tgt Ion: 43 Resp: 11986
Ion Ratio Lower Upper
43 100
58 28.0 27.8 41.8

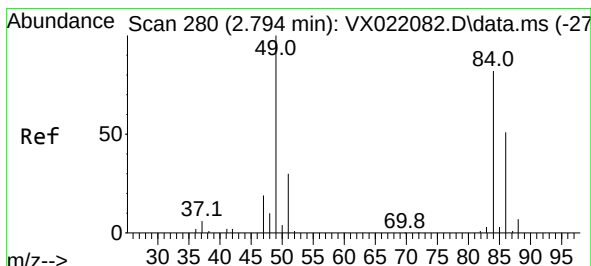
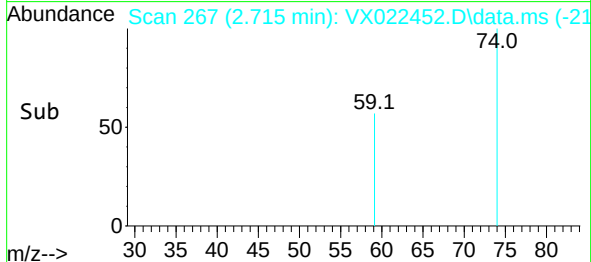
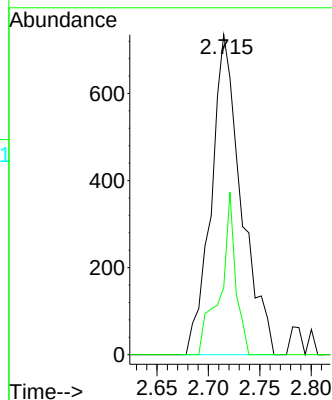
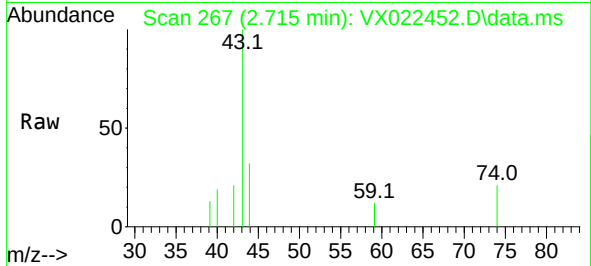




#18
Methyl Acetate
Concen: 1.301 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX022452.D
Acq: 05 Jun 2021 07:08

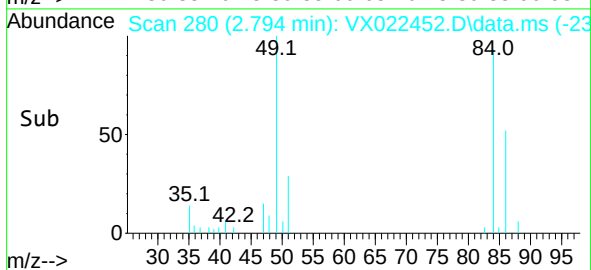
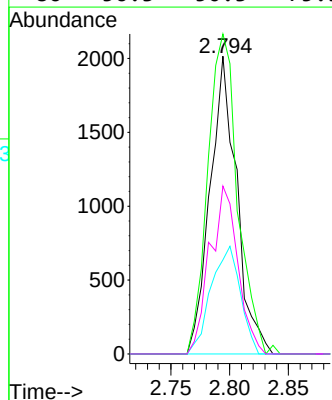
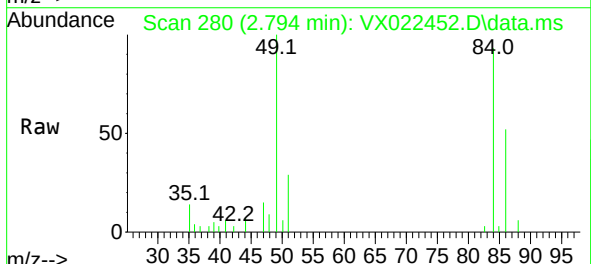
Instrument :
MSVOA_X
ClientSampled :

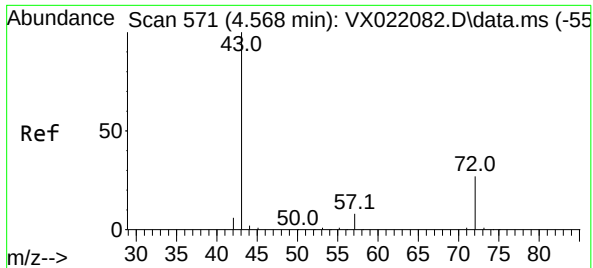
Tgt Ion: 43 Resp: 1497
Ion Ratio Lower Upper
43 100
74 25.7 21.9 32.9



#20
Methylene Chloride
Concen: 3.311 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022452.D
Acq: 05 Jun 2021 07:08

Tgt Ion: 84 Resp: 3181
Ion Ratio Lower Upper
84 100
49 107.4 88.6 132.8
51 31.6 27.0 40.6
86 56.3 50.3 75.5

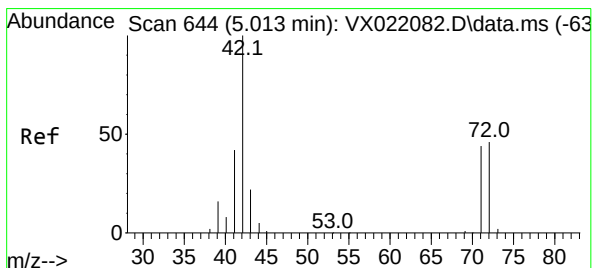
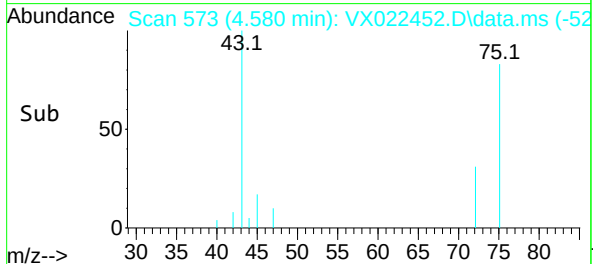
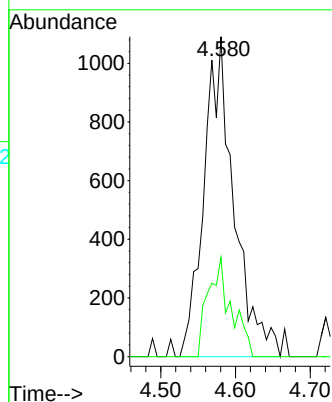
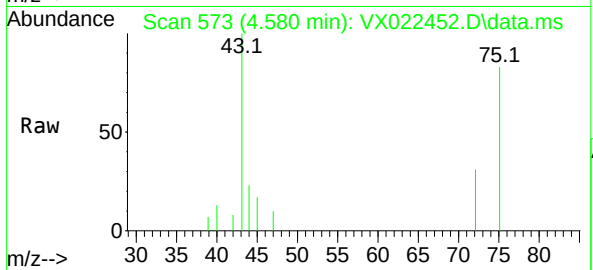




#25
2-Butanone
Concen: 4.340 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX022452.D
Acq: 05 Jun 2021 07:08

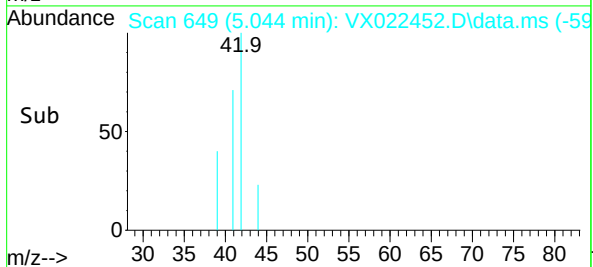
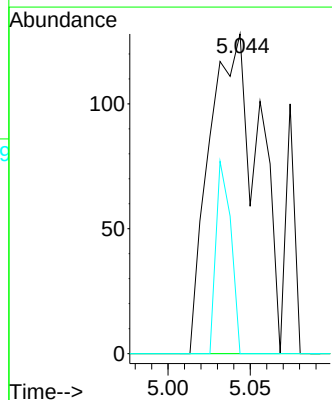
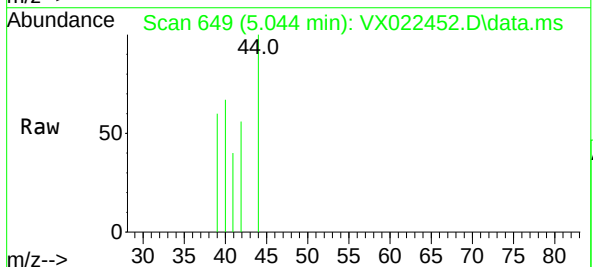
Instrument :
MSVOA_X
ClientSampled :

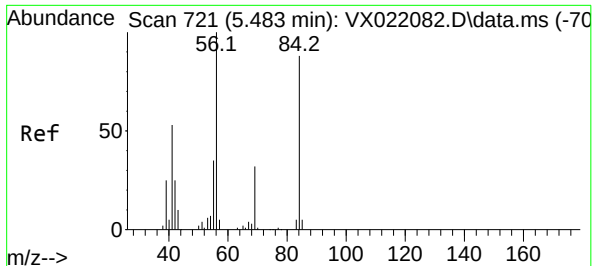
Tgt Ion: 43 Resp: 3038
Ion Ratio Lower Upper
43 100
72 31.0 23.7 35.5



#29
Tetrahydrofuran
Concen: 0.643 ug/l
RT: 5.044 min Scan# 649
Delta R.T. 0.031 min
Lab File: VX022452.D
Acq: 05 Jun 2021 07:08

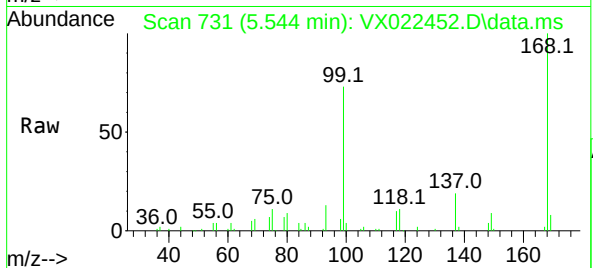
Tgt Ion: 42 Resp: 268
Ion Ratio Lower Upper
42 100
72 0.0 41.7 62.5#
71 17.9 38.4 57.6#



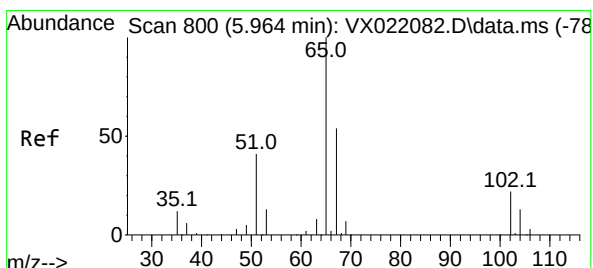
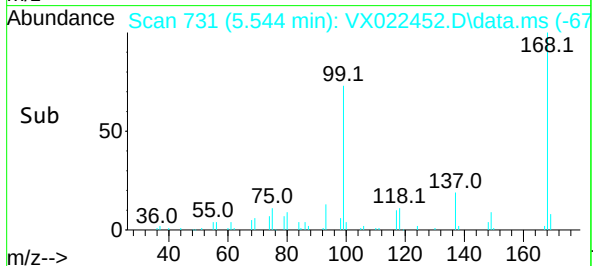
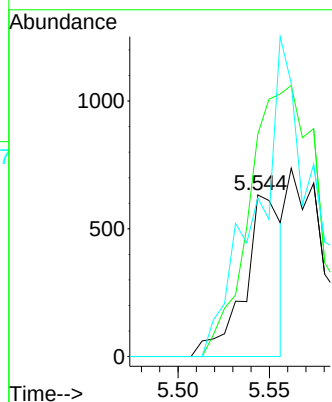


#31
Cyclohexane
Concen: 0.709 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.061 min
Lab File: VX022452.D
Acq: 05 Jun 2021 07:08

Instrument :
MSVOA_X
ClientSampleId :

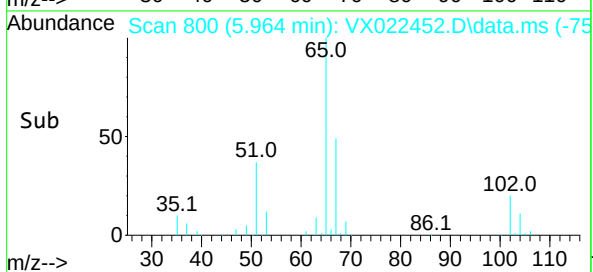
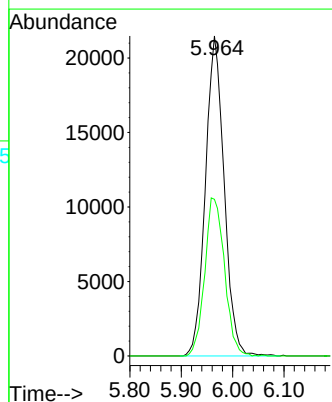
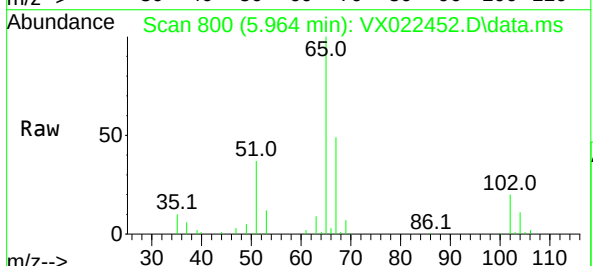


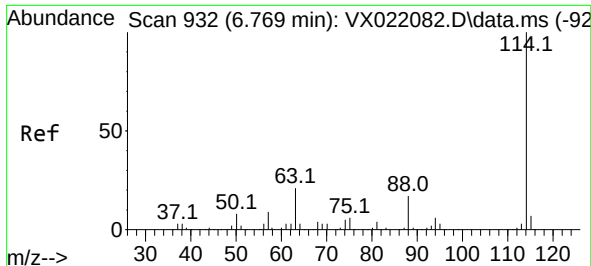
Tgt Ion: 56 Resp: 885
Ion Ratio Lower Upper
56 100
69 137.4 25.3 37.9#
84 114.7 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 54.692 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022452.D
Acq: 05 Jun 2021 07:08

Tgt Ion: 65 Resp: 54350
Ion Ratio Lower Upper
65 100
67 52.1 0.0 105.4

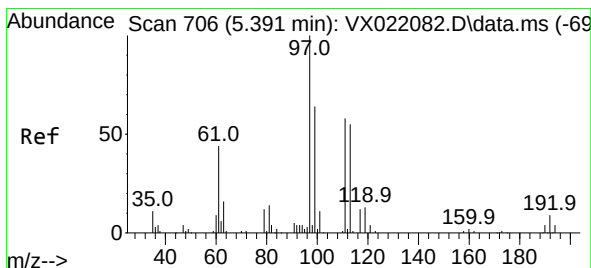
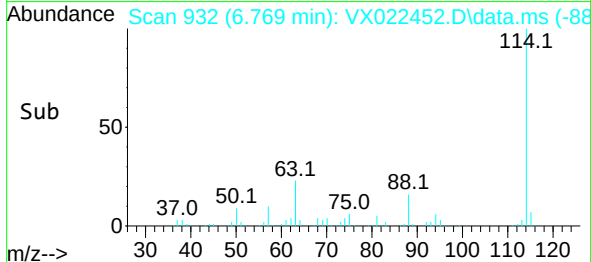
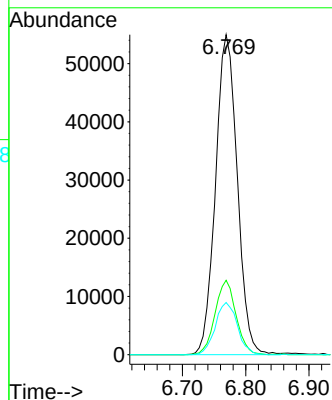
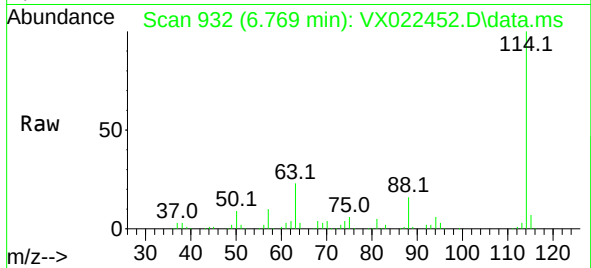




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022452.D
Acq: 05 Jun 2021 07:08

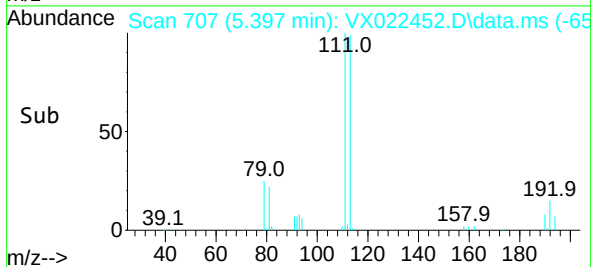
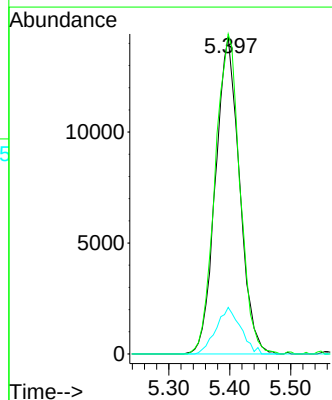
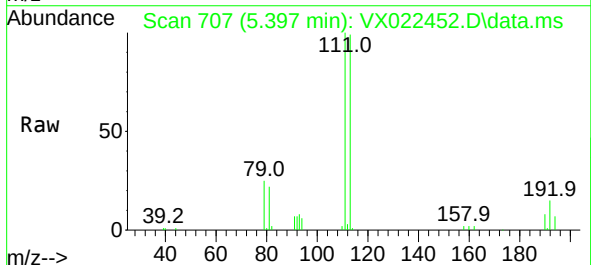
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MSVOA_X
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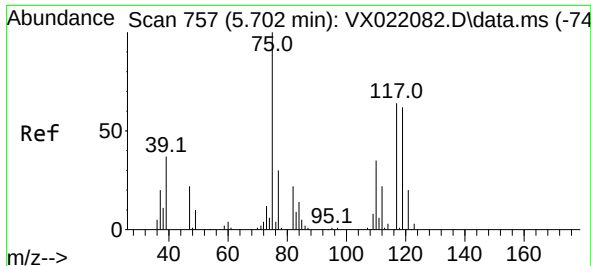
Tgt Ion:114 Resp: 131058
Ion Ratio Lower Upper
114 100
63 23.3 0.0 40.8
88 16.3 0.0 32.8



#35
Dibromofluoromethane
Concen: 47.040 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022452.D
Acq: 05 Jun 2021 07:08

Tgt Ion:113 Resp: 39095
Ion Ratio Lower Upper
113 100
111 103.9 81.9 122.9
192 15.1 16.7 25.1#

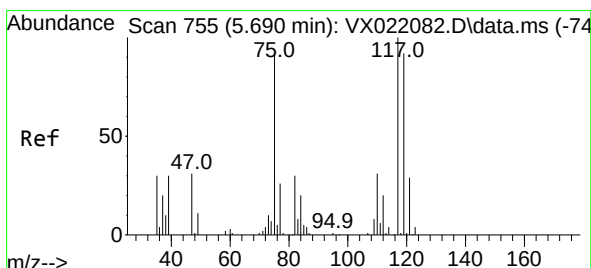
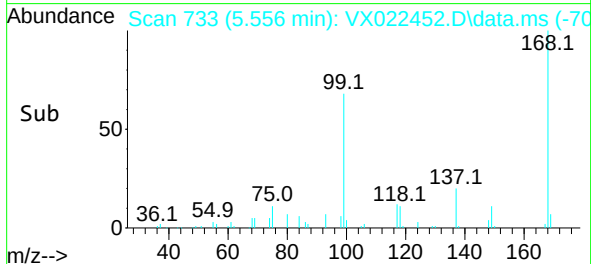
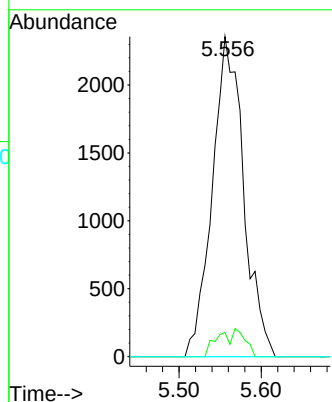
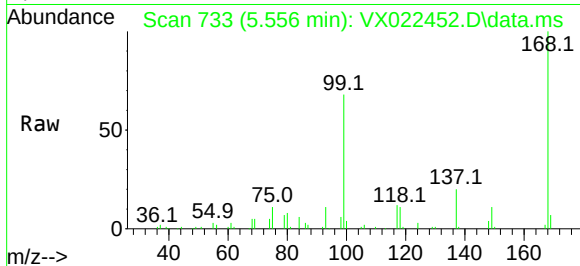




#36
1,1-Dichloropropene
Concen: 5.143 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX022452.D
Acq: 05 Jun 2021 07:08

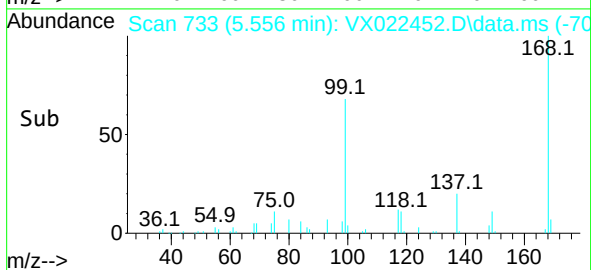
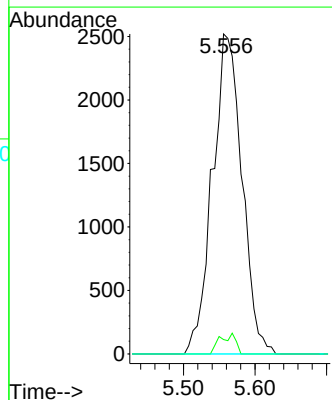
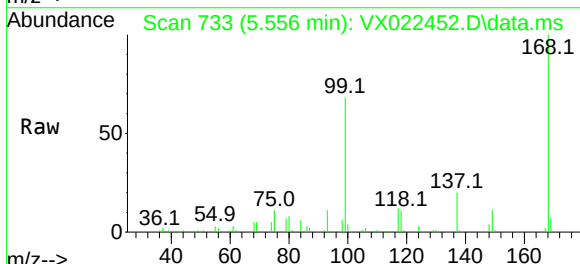
Instrument :
MSVOA_X
ClientSampled :

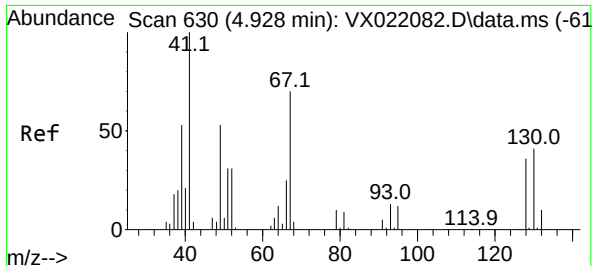
Tgt Ion: 75 Resp: 6233
Ion Ratio Lower Upper
75 100
110 3.9 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.105 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX022452.D
Acq: 05 Jun 2021 07:08

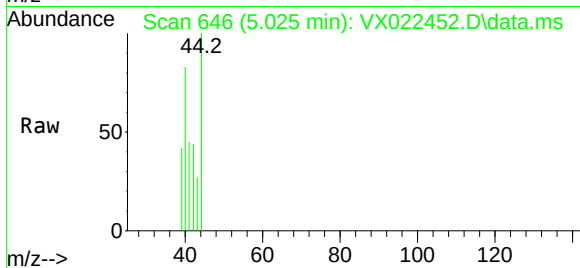
Tgt Ion: 117 Resp: 7237
Ion Ratio Lower Upper
117 100
119 4.5 76.2 114.2#
121 0.0 24.8 37.2#



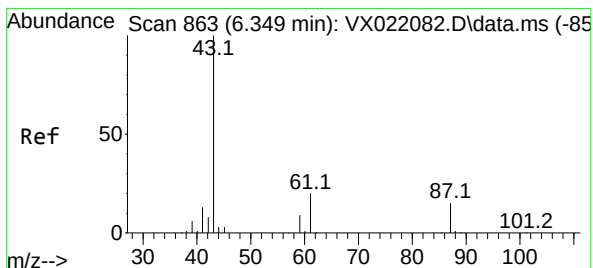
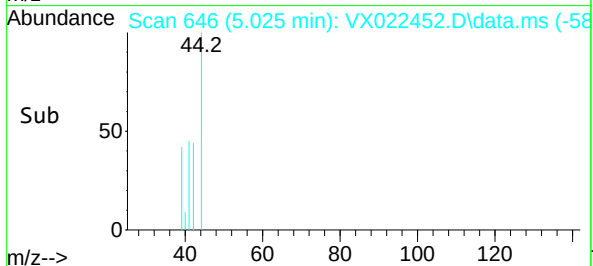
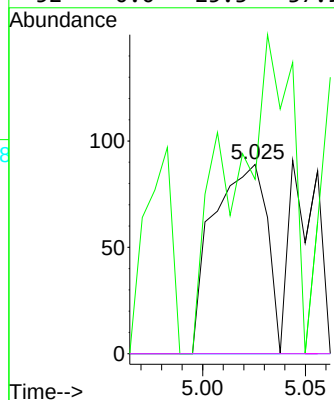


#41
Methacrylonitrile
Concen: 0.204 ug/l
RT: 5.025 min Scan# 646
Delta R.T. 0.097 min
Lab File: VX022452.D
Acq: 05 Jun 2021 07:08

Instrument :
MSVOA_X
ClientSampled :

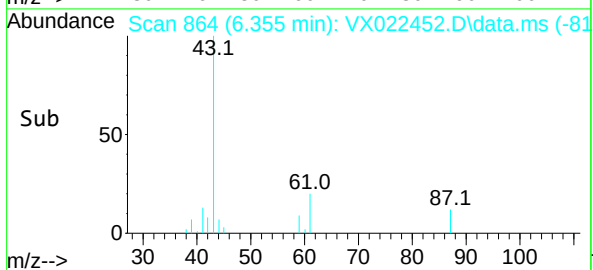
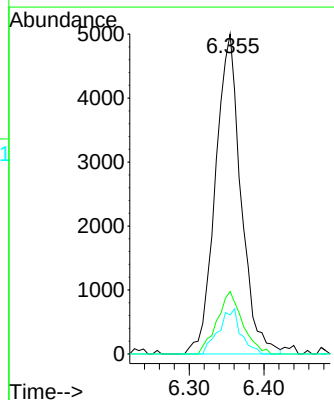
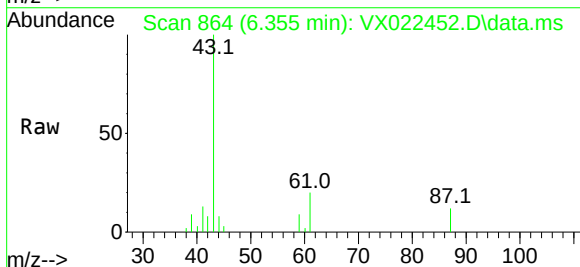


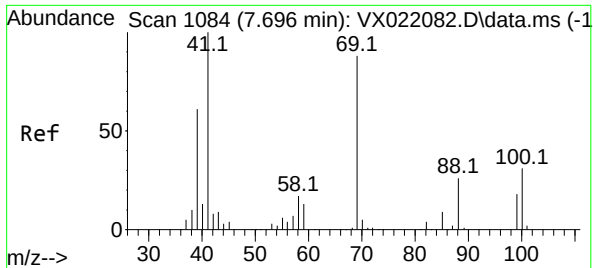
Tgt Ion:	41	Resp:	162
Ion	Ratio	Lower	Upper
41	100		
39	130.2	42.5	63.7#
67	0.0	65.0	97.6#
52	0.0	25.3	37.9#



#43
Isopropyl Acetate
Concen: 4.894 ug/l
RT: 6.355 min Scan# 864
Delta R.T. 0.006 min
Lab File: VX022452.D
Acq: 05 Jun 2021 07:08

Tgt Ion:	43	Resp:	11893
Ion	Ratio	Lower	Upper
43	100		
61	19.4	18.2	27.4
87	12.2	12.5	18.7#

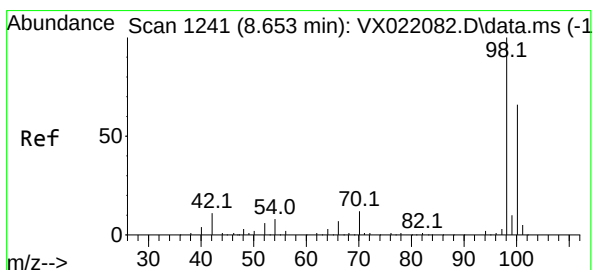
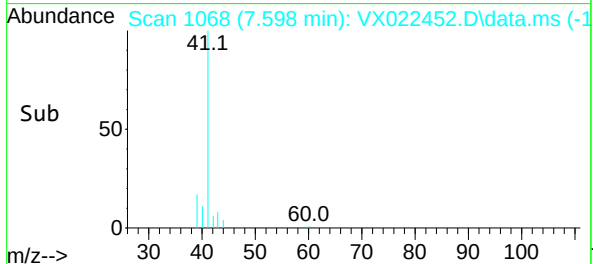
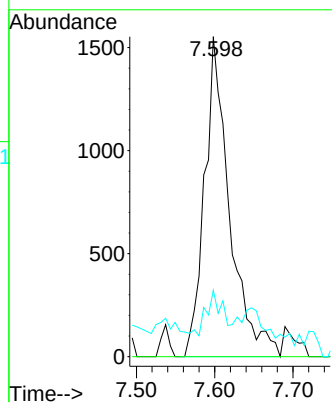
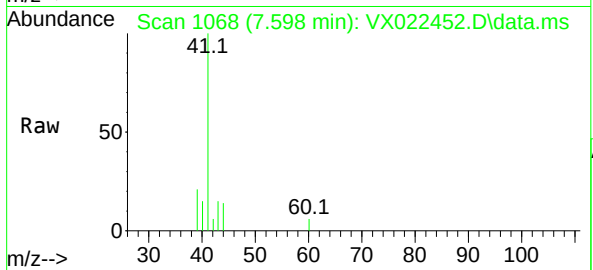




#48
Methyl methacrylate
Concen: 3.073 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX022452.D
Acq: 05 Jun 2021 07:08

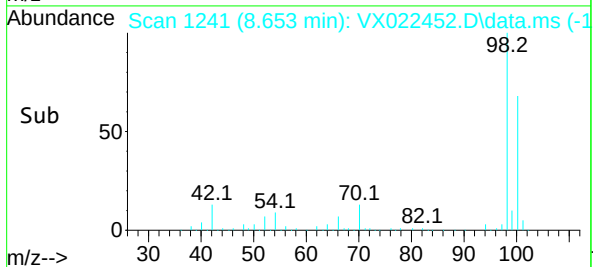
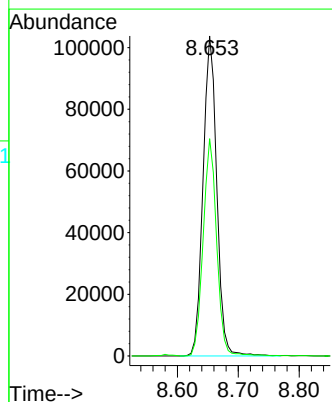
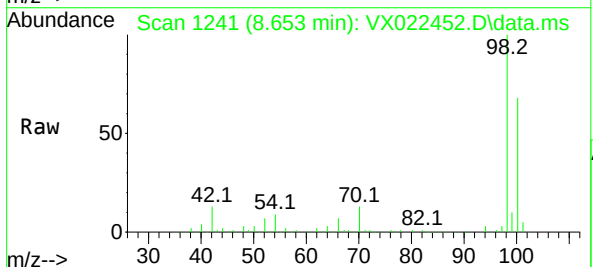
Instrument :
MSVOA_X
ClientSampled :

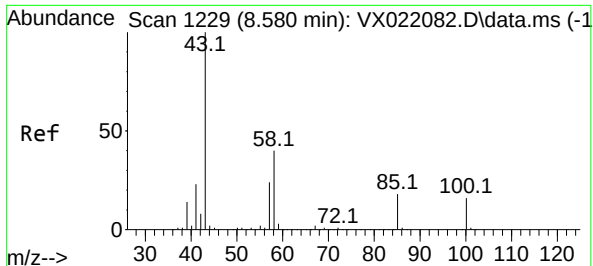
Tgt Ion: 41 Resp: 3441
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#



#50
Toluene-d8
Concen: 50.825 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022452.D
Acq: 05 Jun 2021 07:08

Tgt Ion: 98 Resp: 162716
Ion Ratio Lower Upper
98 100
100 66.8 51.9 77.9

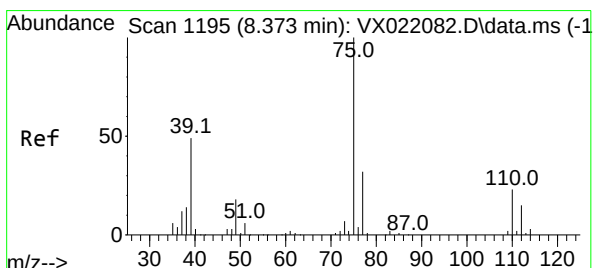
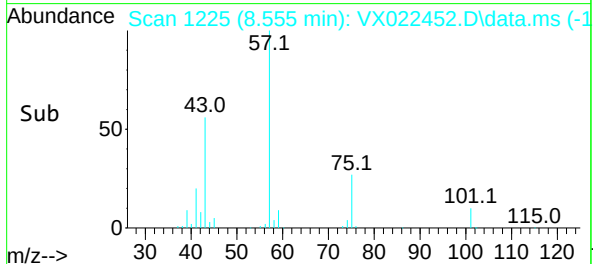
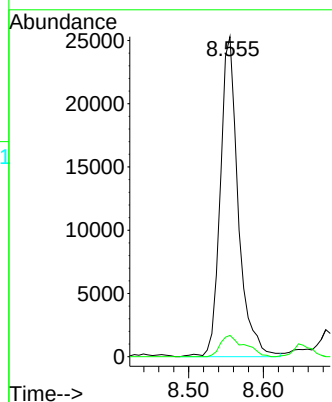
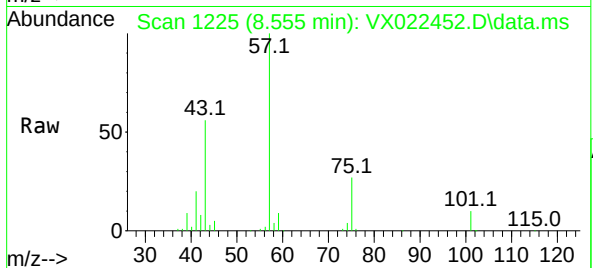




#51
4-Methyl-2-Pentanone
Concen: 29.042 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022452.D
Acq: 05 Jun 2021 07:08

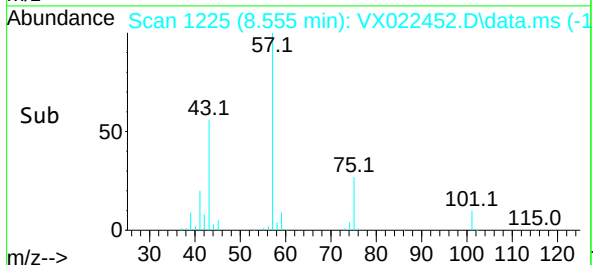
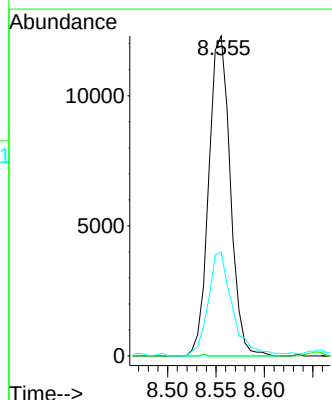
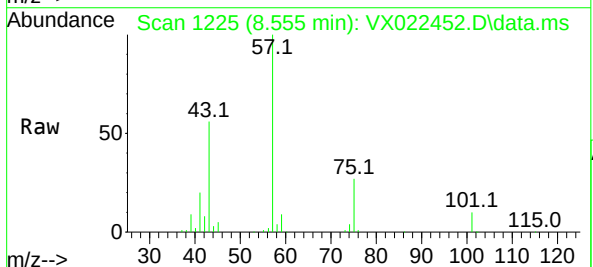
Instrument :
MSVOA_X
ClientSampled :

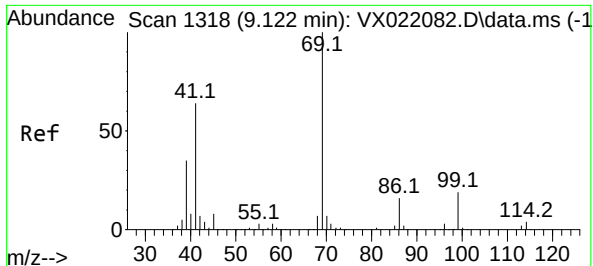
Tgt Ion: 43 Resp: 42273
Ion Ratio Lower Upper
43 100
58 9.0 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 11.873 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.182 min
Lab File: VX022452.D
Acq: 05 Jun 2021 07:08

Tgt Ion: 75 Resp: 19027
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 32.5 35.1 52.7#

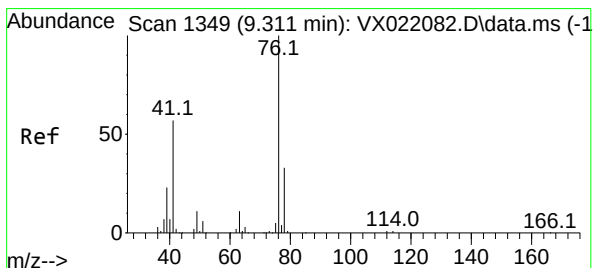
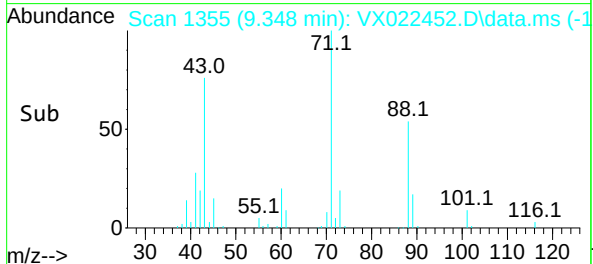
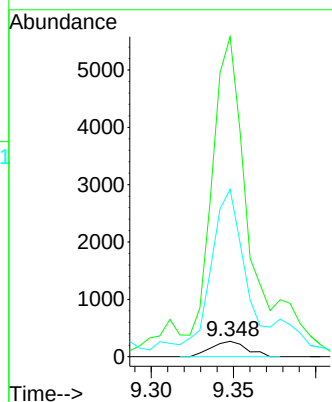
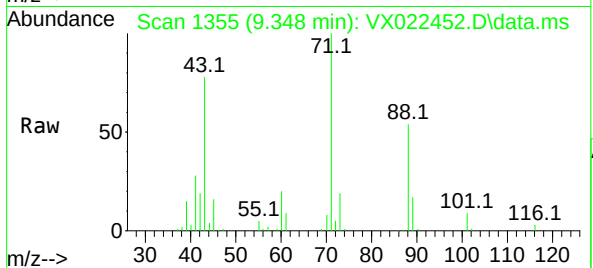




#56
Ethyl methacrylate
Concen: 0.260 ug/l
RT: 9.348 min Scan# 1355
Delta R.T. 0.226 min
Lab File: VX022452.D
Acq: 05 Jun 2021 07:08

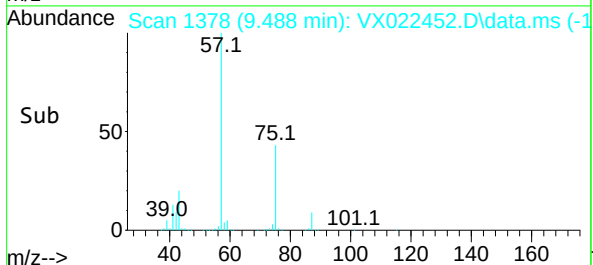
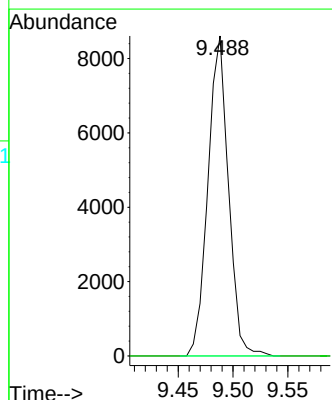
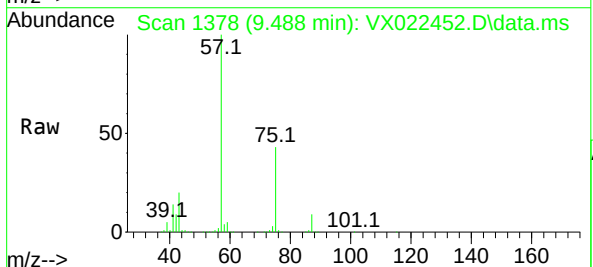
Instrument :
MSVOA_X
ClientSampleId :

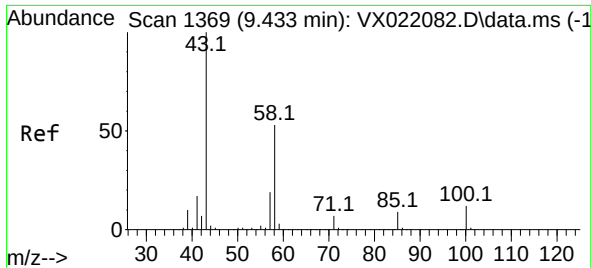
Tgt Ion: 69 Resp: 403
Ion Ratio Lower Upper
69 100
41 1916.4 46.8 70.2#
39 1006.5 24.7 37.1#



#57
1,3-Dichloropropane
Concen: 6.844 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022452.D
Acq: 05 Jun 2021 07:08

Tgt Ion: 76 Resp: 11202
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#

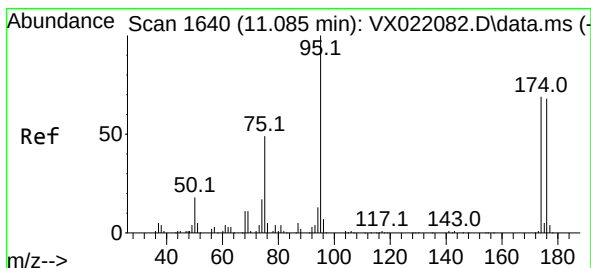
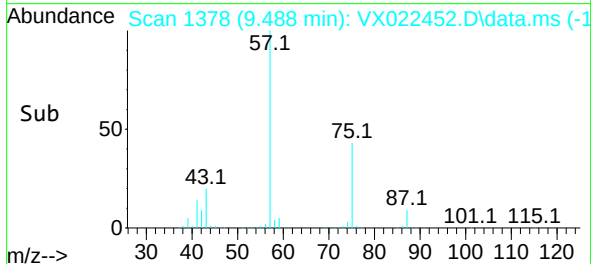
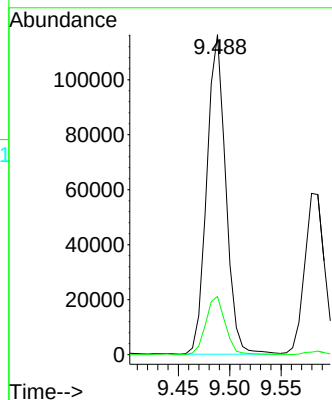
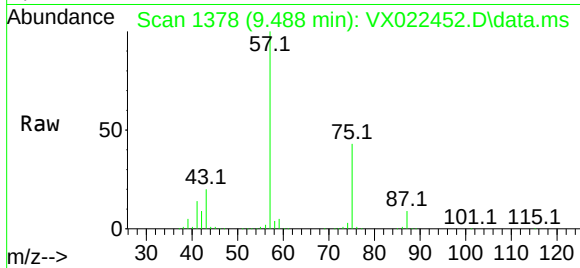




#59
2-Hexanone
Concen: 136.750 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX022452.D
Acq: 05 Jun 2021 07:08

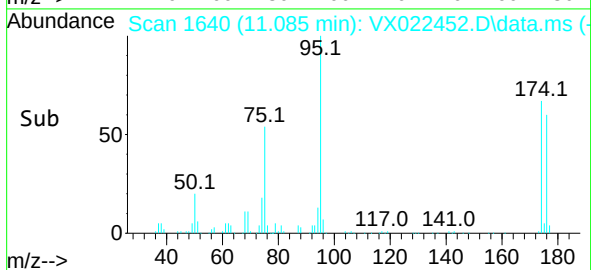
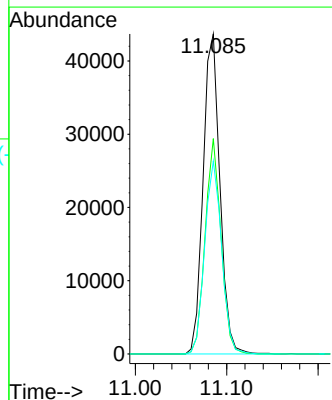
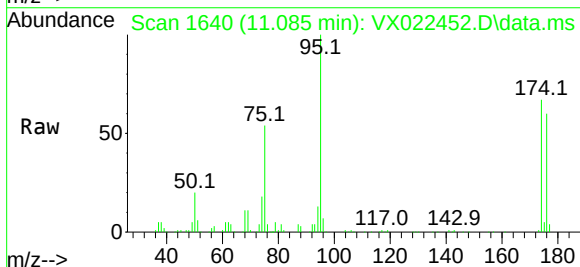
Instrument :
MSVOA_X
ClientSampled :

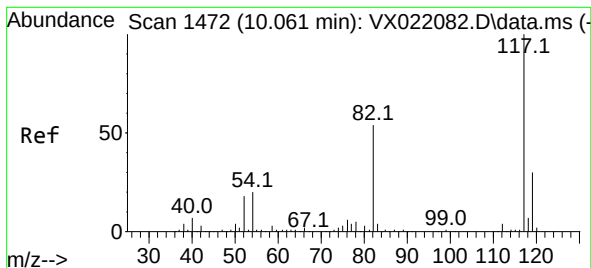
Tgt Ion: 43 Resp: 149705
Ion Ratio Lower Upper
43 100
58 18.9 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 46.985 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022452.D
Acq: 05 Jun 2021 07:08

Tgt Ion: 95 Resp: 55599
Ion Ratio Lower Upper
95 100
174 63.7 0.0 154.6
176 60.7 0.0 155.8

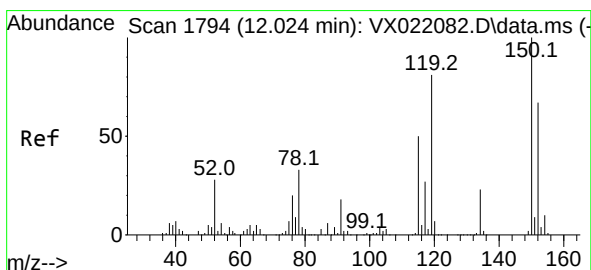
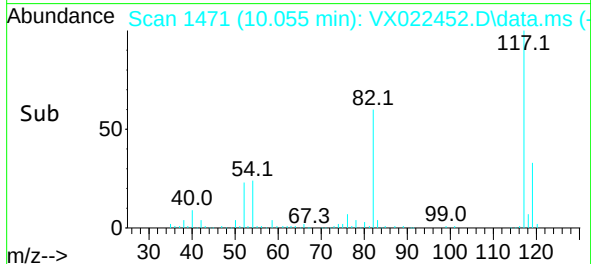
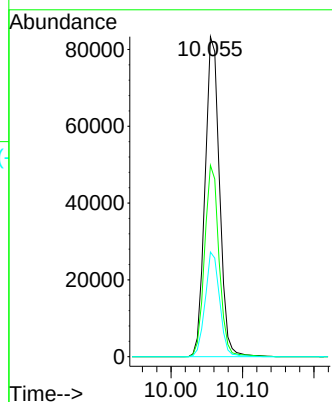
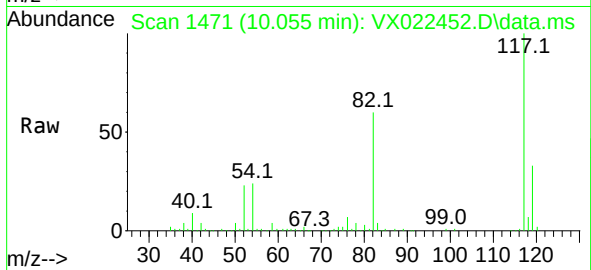




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022452.D
Acq: 05 Jun 2021 07:08

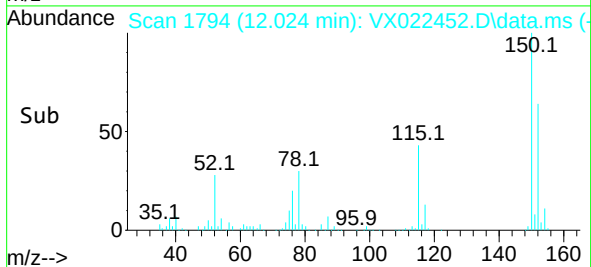
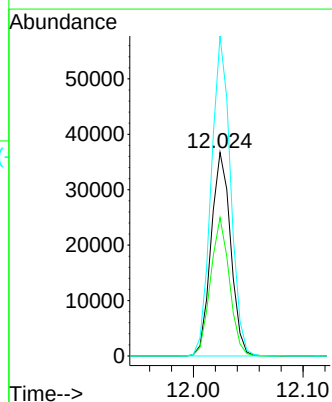
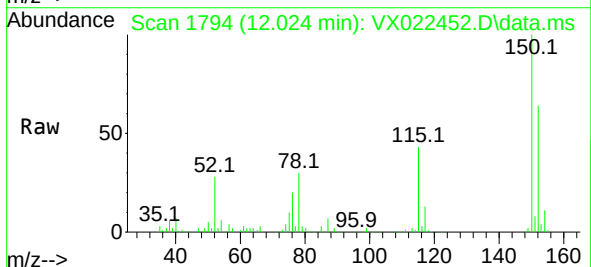
Instrument :
MSVOA_X
ClientSampled :

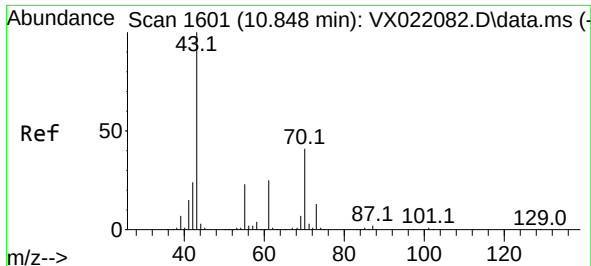
Tgt Ion:117 Resp: 117539
Ion Ratio Lower Upper
117 100
82 59.8 47.4 71.2
119 32.7 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022452.D
Acq: 05 Jun 2021 07:08

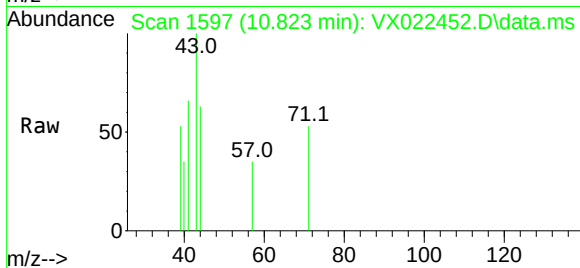
Tgt Ion:152 Resp: 45529
Ion Ratio Lower Upper
152 100
115 65.4 41.1 123.3
150 154.9 0.0 349.0



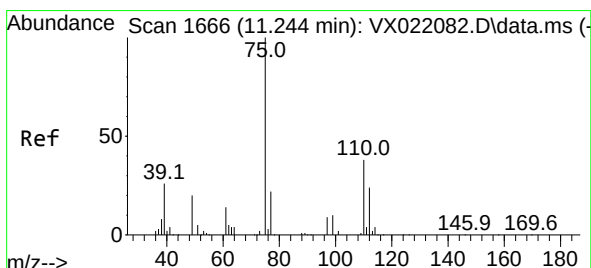
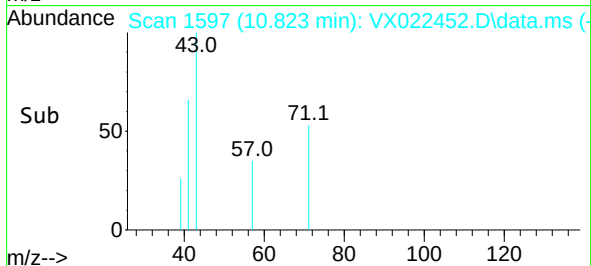
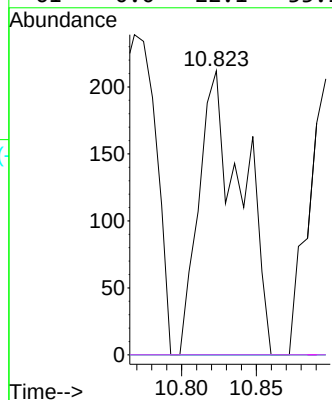


#74
N-amy1 acetate
Concen: 0.232 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.025 min
Lab File: VX022452.D
Acq: 05 Jun 2021 07:08

Instrument :
MSVOA_X
ClientSampled :

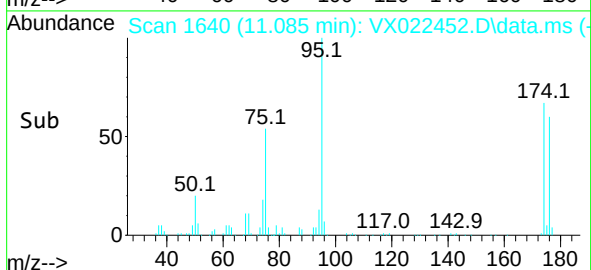
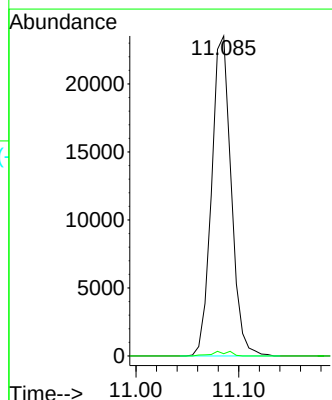
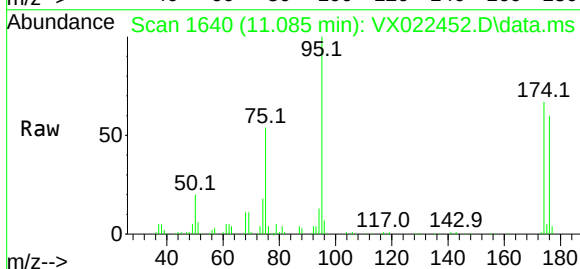


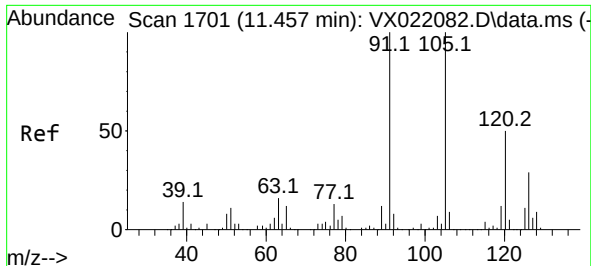
Tgt Ion:	43	Resp:	424
Ion	Ratio	Lower	Upper
43	100		
70	0.0	39.0	58.6#
55	0.0	21.5	32.3#
61	0.0	22.1	33.1#



#76
1,2,3-Trichloropropane
Concen: 27.656 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022452.D
Acq: 05 Jun 2021 07:08

Tgt Ion:	75	Resp:	31063
Ion	Ratio	Lower	Upper
75	100		
77	1.4	19.1	57.5#

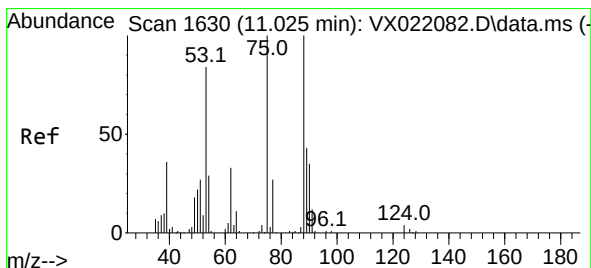
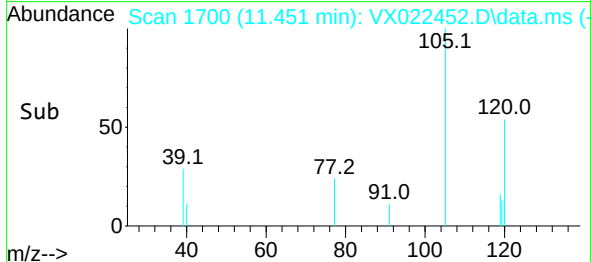
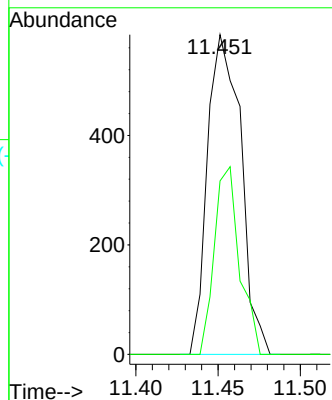
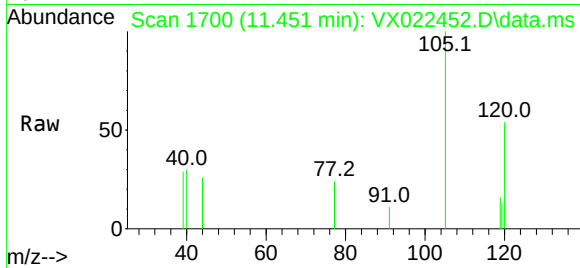




#80
1,3,5-Trimethylbenzene
Concen: 0.258 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX022452.D
Acq: 05 Jun 2021 07:08

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion:105 Resp: 823
Ion Ratio Lower Upper
105 100
120 44.3 23.8 71.5



#81
trans-1,4-Dichloro-2-butene
Concen: 65.526 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022452.D
Acq: 05 Jun 2021 07:08

Tgt Ion: 75 Resp: 31063
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

