

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061121\
 Data File : VX022676.D
 Acq On : 11 Jun 2021 18:41
 Operator : JC/MD
 Sample : M2673-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 17-B6(96-100)

Quant Time: Jun 12 02:31:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 12:20:00 2021
 Response via : Initial Calibration

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

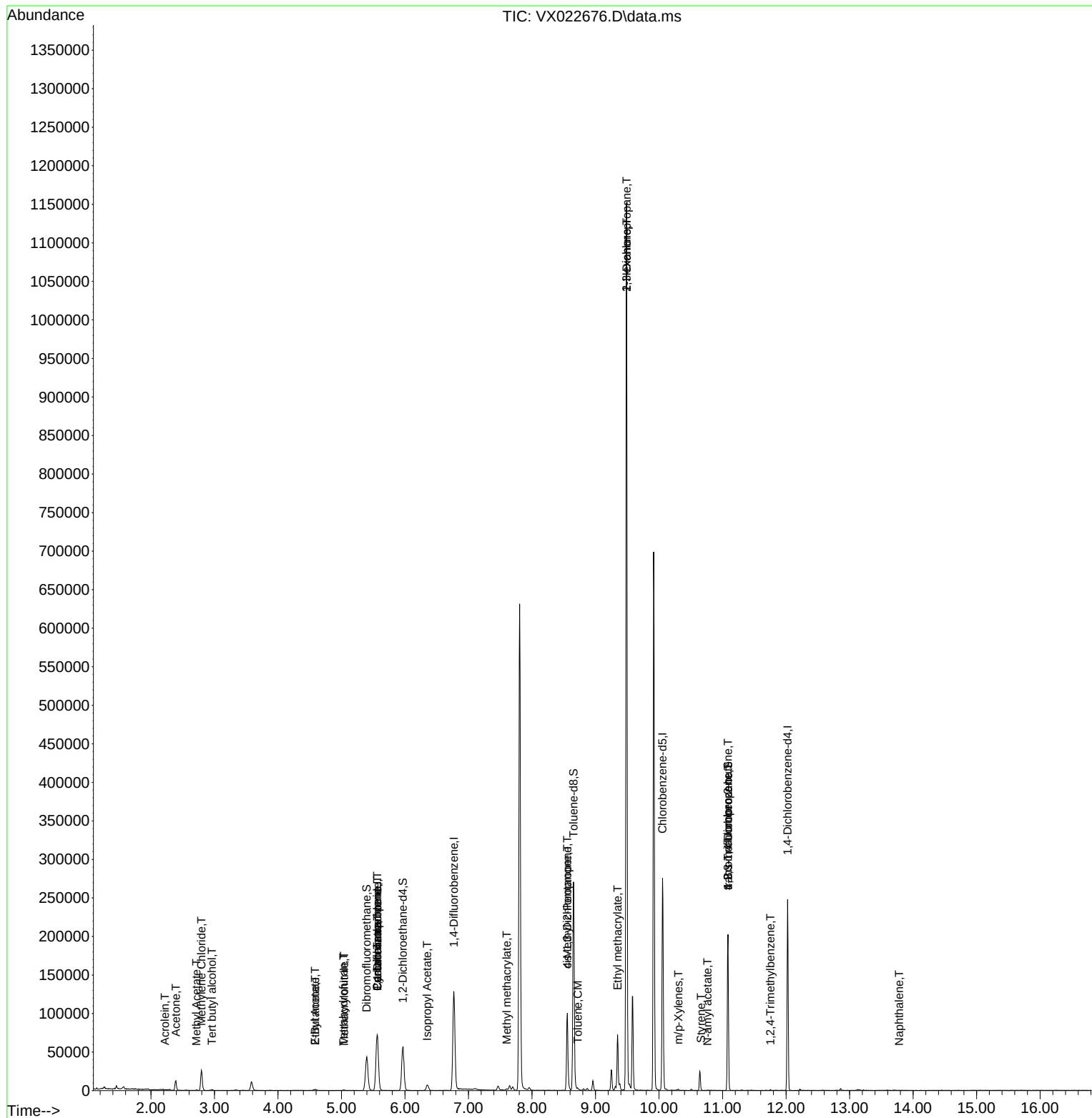
Internal Standards						
1) Pentafluorobenzene	5.562	168	60428	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	123830	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	113333	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	42606	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	51960	47.811	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.620%		
35) Dibromofluoromethane	5.397	113	37349	47.273	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.540%		
50) Toluene-d8	8.653	98	153274	49.213	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.420%		
62) 4-Bromofluorobenzene	11.085	95	54379	46.166	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.340%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.959	59	861	3.422	ug/l	# 73
13) Acrolein	2.221	56	41	0.389	ug/l	# 1
16) Acetone	2.392	43	13220	27.166	ug/l	96
18) Methyl Acetate	2.715	43	886	0.605	ug/l	# 77
20) Methylene Chloride	2.794	84	11279	11.791	ug/l	88
25) 2-Butanone	4.587	43	2343	2.969	ug/l	100
29) Tetrahydrofuran	5.032	42	412	0.897	ug/l	# 55
31) Cyclohexane	5.562	56	1847	1.409	ug/l	# 1
36) 1,1-Dichloropropene	5.562	75	6419	5.203	ug/l	# 47
37) Ethyl Acetate	4.587	43	2343	1.494	ug/l	# 64
38) Carbon Tetrachloride	5.562	117	7112	6.739	ug/l	# 16
41) Methacrylonitrile	5.044	41	315	0.375	ug/l	# 37
43) Isopropyl Acetate	6.348	43	10155	4.100	ug/l	94
48) Methyl methacrylate	7.604	41	3131	2.634	ug/l	# 10
51) 4-Methyl-2-Pentanone	8.555	43	36241	23.054	ug/l	# 45
52) Toluene	8.720	92	633	0.277	ug/l	93
54) cis-1,3-Dichloropropene	8.555	75	15558	11.456	ug/l	# 70
56) Ethyl methacrylate	9.348	69	352	2.492	ug/l	# 1
57) 1,3-Dichloropropane	9.488	76	9771	6.010	ug/l	# 42
59) 2-Hexanone	9.488	43	134874	112.293	ug/l	# 44
68) m/p-Xylenes	10.305	106	507	0.322	ug/l	89
70) Styrene	10.659	104	22	1.462	ug/l	# 32
74) N-amyl acetate	10.762	43	445	0.237	ug/l	# 38
76) 1,2,3-Trichloropropane	11.085	75	28394	25.135	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	28394	63.255	ug/l	# 12
84) 1,2,4-Trimethylbenzene	11.756	105	634	0.214	ug/l	75
95) Naphthalene	13.780	128	92	1.499	ug/l	# 69

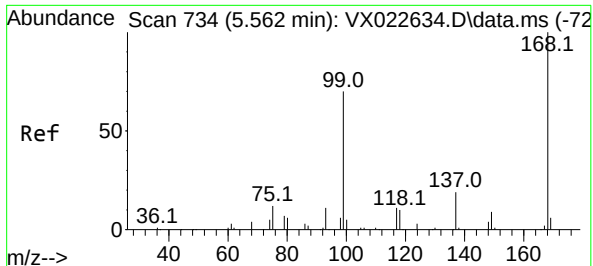
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061121\
Data File : VX022676.D
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Instrument :
MSVOA_X
ClientSampleId :
17-B6(96-100)

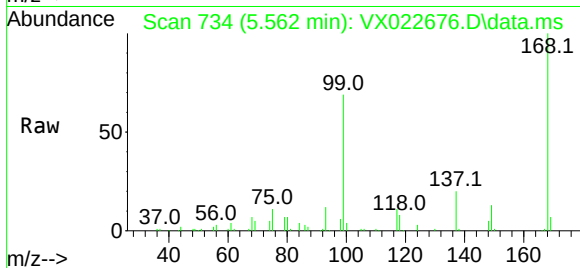
Quant Time: Jun 12 02:31:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 10 12:20:00 2021
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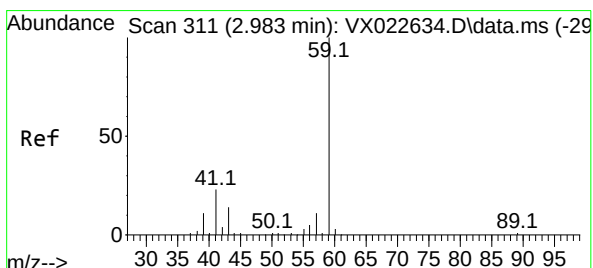
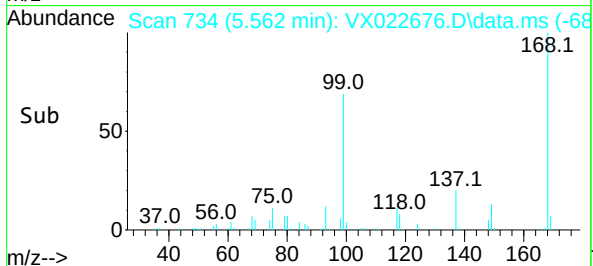
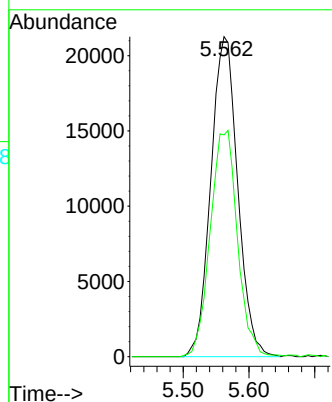


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022676.D
Acq: 11 Jun 2021 18:41

Instrument :
MSVOA_X
ClientSampleId :
17-B6(96-100)

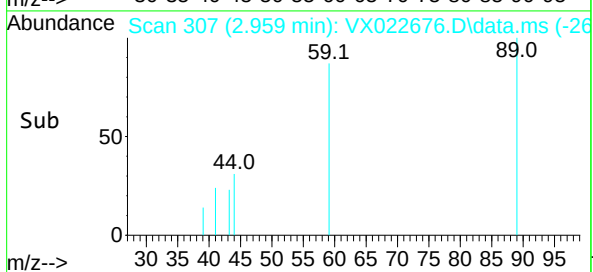
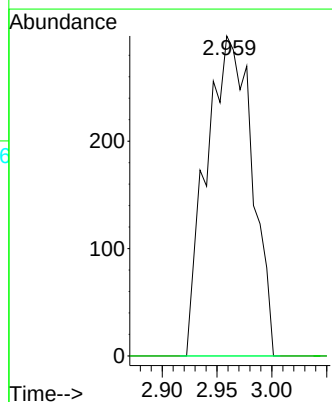
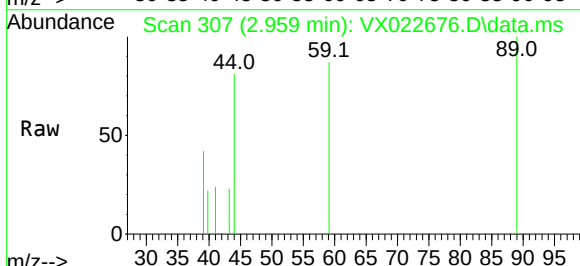


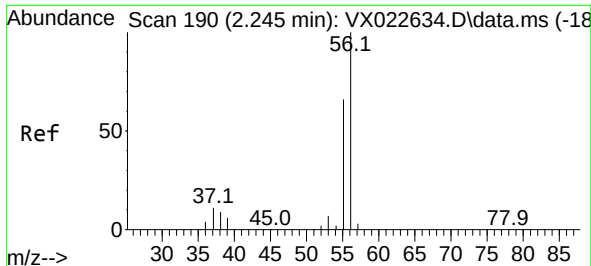
Tgt Ion:168 Resp: 60428
Ion Ratio Lower Upper
168 100
99 69.3 45.8 68.6#



#11
Tert butyl alcohol
Concen: 3.422 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX022676.D
Acq: 11 Jun 2021 18:41

Tgt Ion: 59 Resp: 861
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

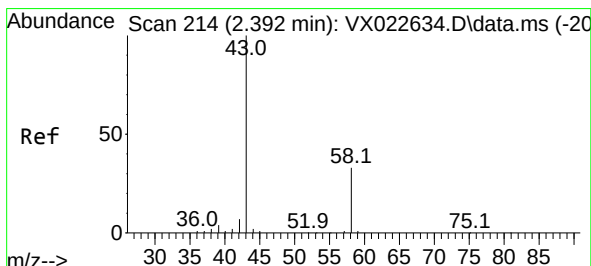
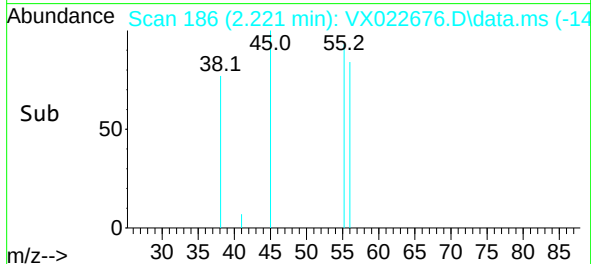
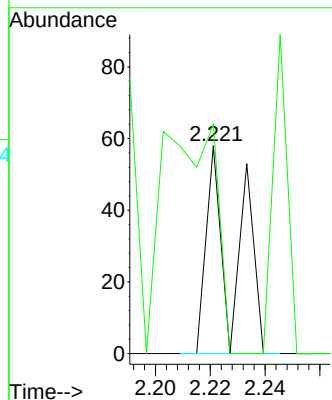
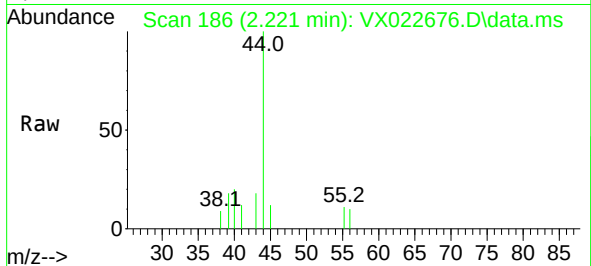




#13
Acrolein
Concen: 0.389 ug/l
RT: 2.221 min Scan# 186
Delta R.T. -0.018 min
Lab File: VX022676.D
Acq: 11 Jun 2021 18:41

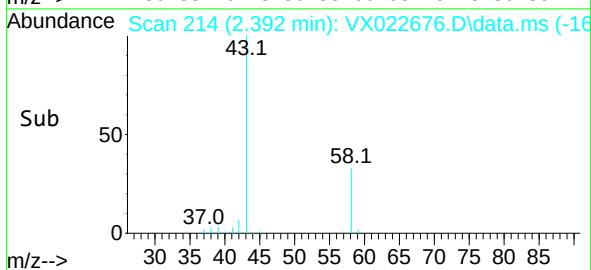
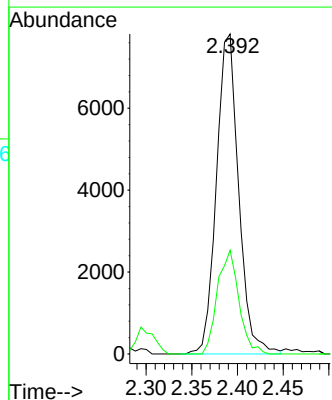
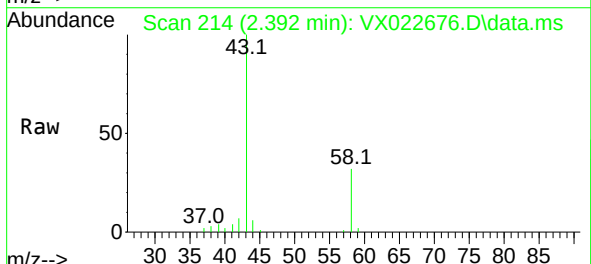
Instrument :
MSVOA_X
ClientSampled :
17-B6(96-100)

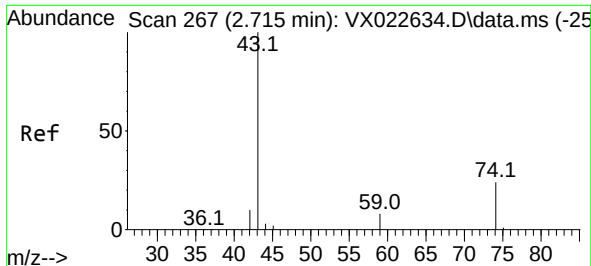
Tgt Ion: 56 Resp: 41
Ion Ratio Lower Upper
56 100
55 209.8 56.4 84.6#



#16
Acetone
Concen: 27.166 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022676.D
Acq: 11 Jun 2021 18:41

Tgt Ion: 43 Resp: 13220
Ion Ratio Lower Upper
43 100
58 32.4 27.8 41.8

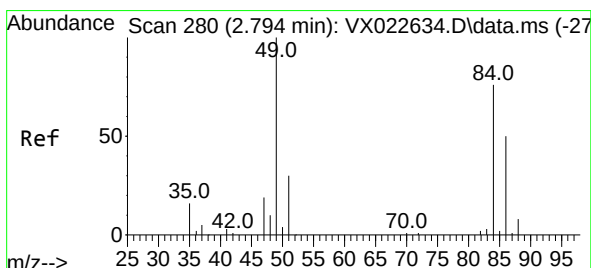
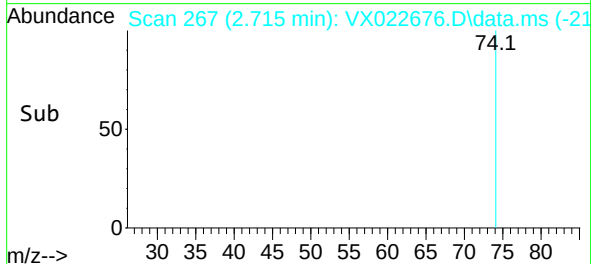
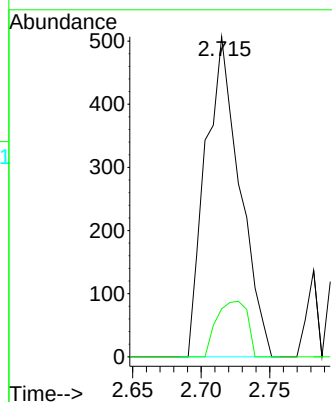
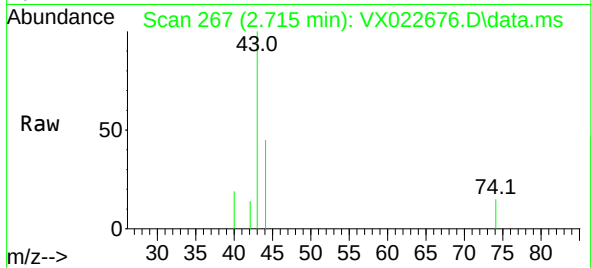




#18
Methyl Acetate
Concen: 0.605 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX022676.D
Acq: 11 Jun 2021 18:41

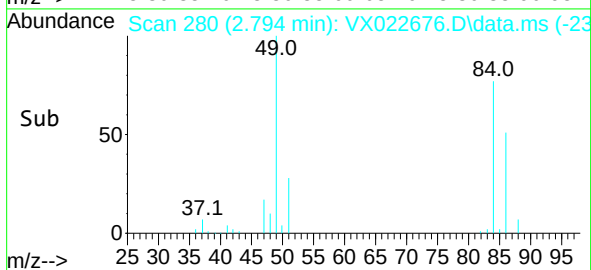
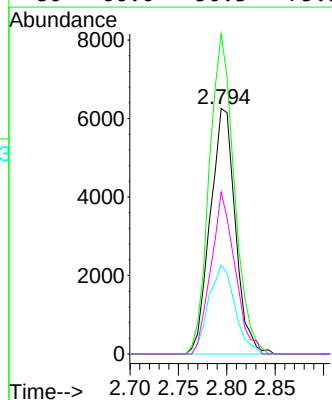
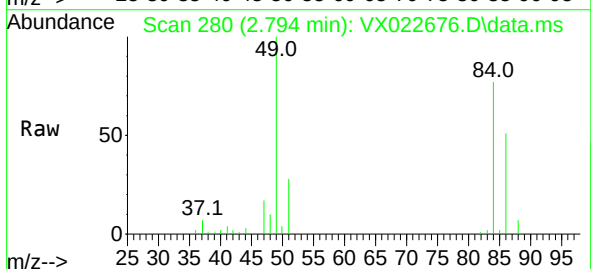
Instrument :
MSVOA_X
ClientSampled :
17-B6(96-100)

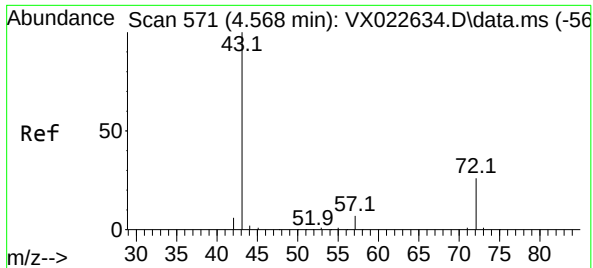
Tgt Ion: 43 Resp: 886
Ion Ratio Lower Upper
43 100
74 15.5 21.9 32.9#



#20
Methylene Chloride
Concen: 11.791 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022676.D
Acq: 11 Jun 2021 18:41

Tgt Ion: 84 Resp: 11279
Ion Ratio Lower Upper
84 100
49 130.4 88.6 132.8
51 36.2 27.0 40.6
86 66.0 50.3 75.5

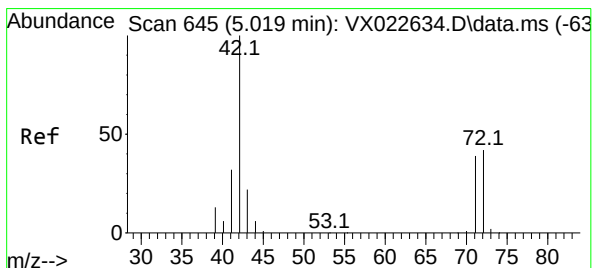
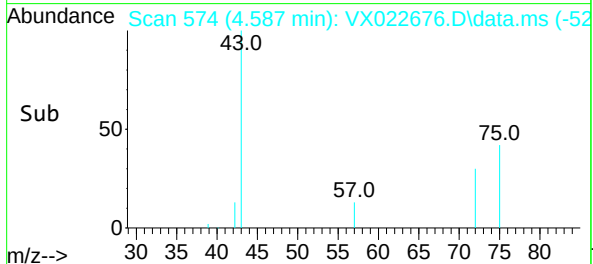
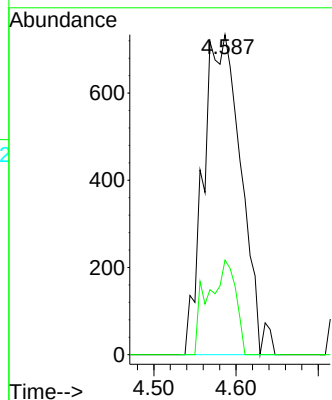
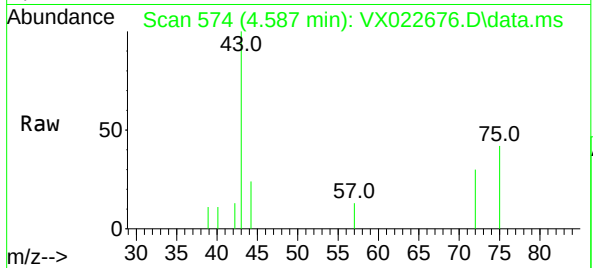




#25
2-Butanone
Concen: 2.969 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.019 min
Lab File: VX022676.D
Acq: 11 Jun 2021 18:41

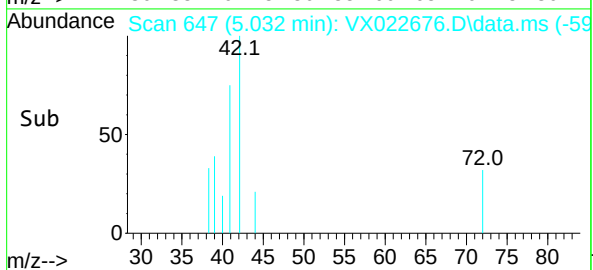
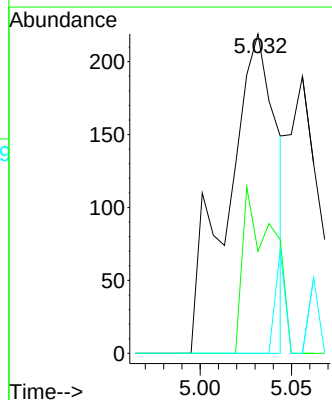
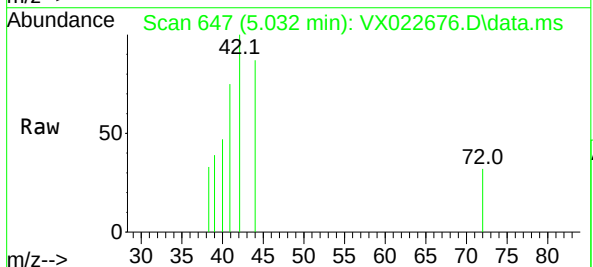
Instrument :
MSVOA_X
ClientSampleId :
17-B6(96-100)

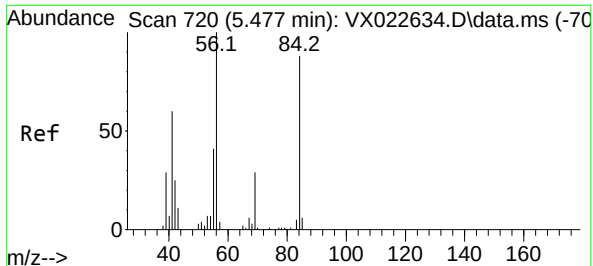
Tgt Ion: 43 Resp: 2343
Ion Ratio Lower Upper
43 100
72 29.6 23.7 35.5



#29
Tetrahydrofuran
Concen: 0.897 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.019 min
Lab File: VX022676.D
Acq: 11 Jun 2021 18:41

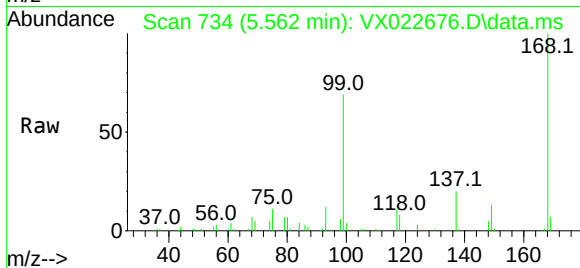
Tgt Ion: 42 Resp: 412
Ion Ratio Lower Upper
42 100
72 31.1 41.7 62.5#
71 6.3 38.4 57.6#



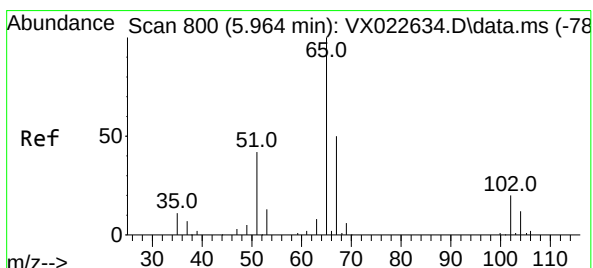
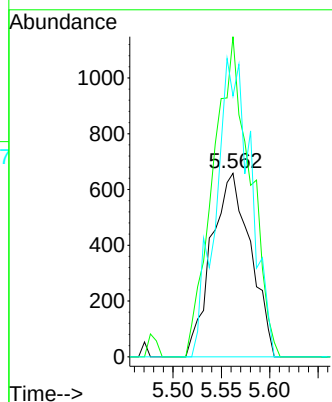
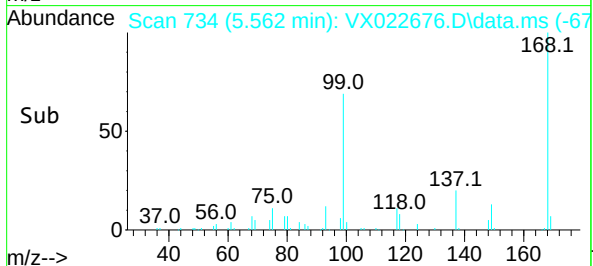


#31
Cyclohexane
Concen: 1.409 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX022676.D
Acq: 11 Jun 2021 18:41

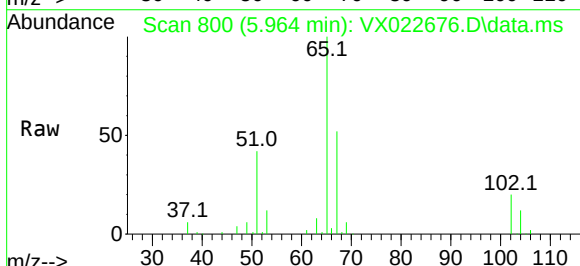
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MSVOA_X
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17-B6(96-100)



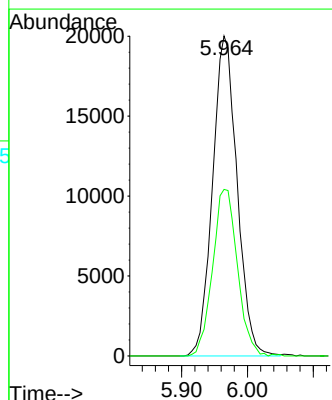
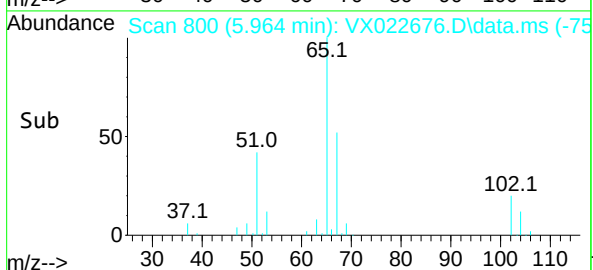
Tgt Ion: 56 Resp: 1847
Ion Ratio Lower Upper
56 100
69 174.5 25.3 37.9#
84 142.1 71.4 107.0#

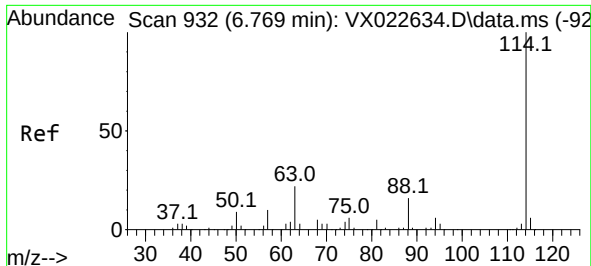


#33
1,2-Dichloroethane-d4
Concen: 47.811 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022676.D
Acq: 11 Jun 2021 18:41



Tgt Ion: 65 Resp: 51960
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.4

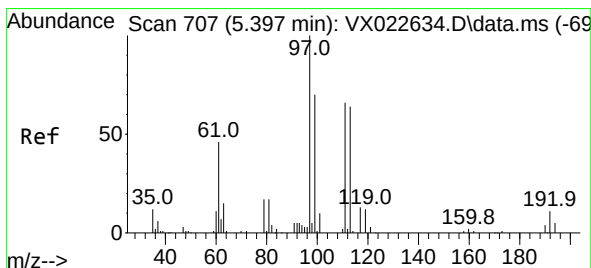
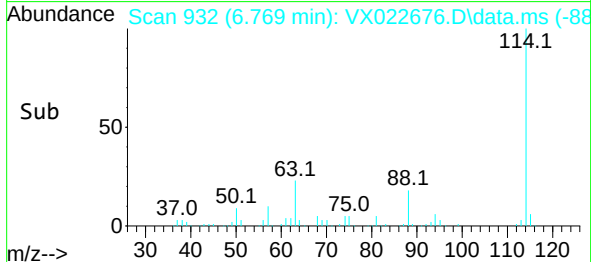
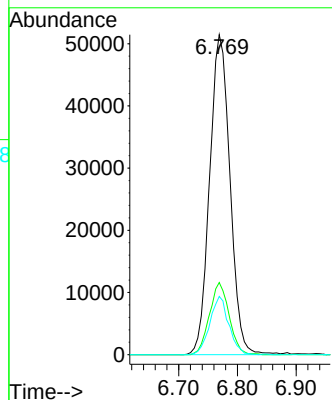
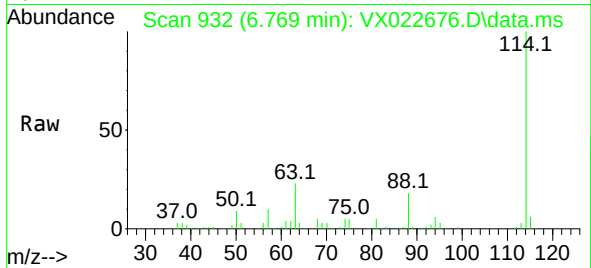




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022676.D
Acq: 11 Jun 2021 18:41

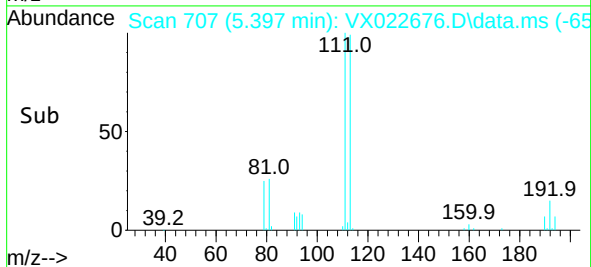
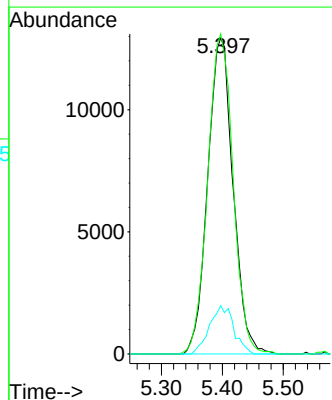
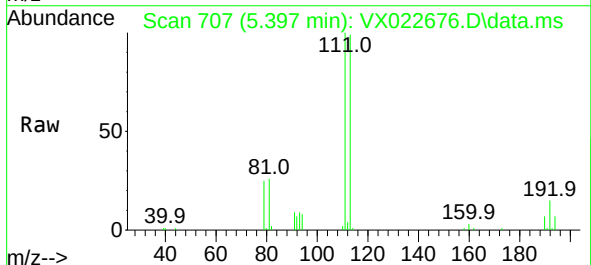
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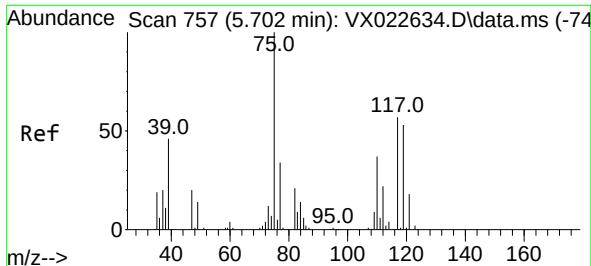
Tgt Ion:114 Resp: 123830
Ion Ratio Lower Upper
114 100
63 22.5 0.0 40.8
88 18.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 47.273 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022676.D
Acq: 11 Jun 2021 18:41

Tgt Ion:113 Resp: 37349
Ion Ratio Lower Upper
113 100
111 101.3 81.9 122.9
192 14.6 16.7 25.1#





#36

1,1-Dichloropropene

Concen: 5.203 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX022676.D

Acq: 11 Jun 2021 18:41

Tgt Ion: 75 Resp: 6419

Ion Ratio Lower Upper

75 100

110 7.1 18.1 54.4#

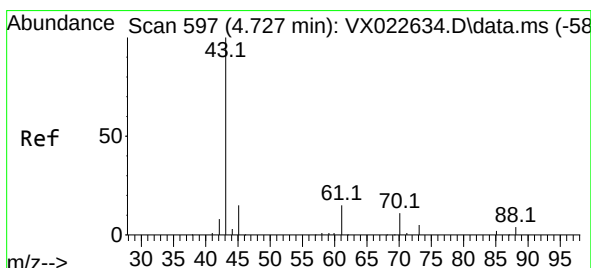
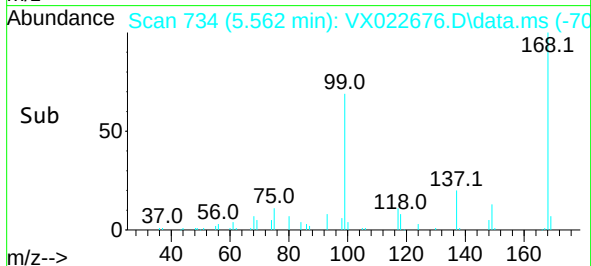
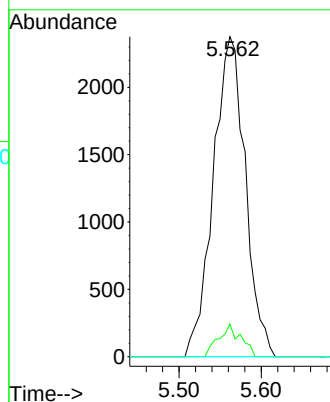
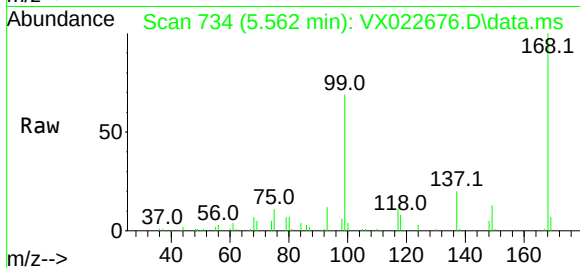
77 0.0 25.3 37.9#

Instrument :

MSVOA_X

ClientSampleId :

17-B6(96-100)



#37

Ethyl Acetate

Concen: 1.494 ug/l

RT: 4.587 min Scan# 574

Delta R.T. -0.140 min

Lab File: VX022676.D

Acq: 11 Jun 2021 18:41

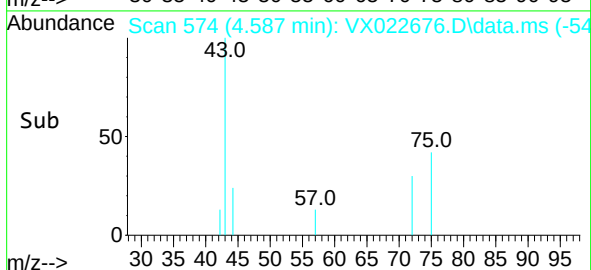
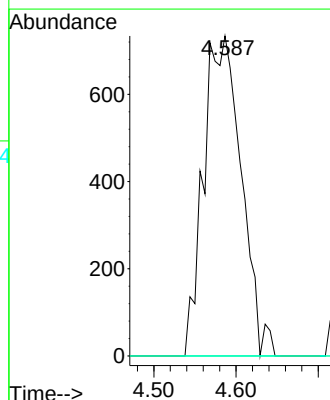
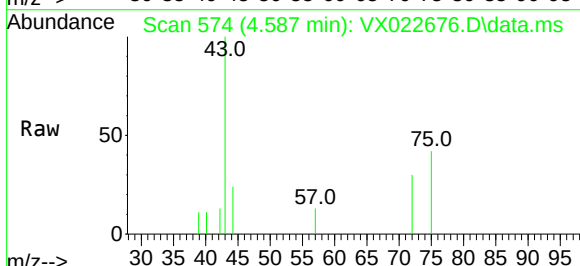
Tgt Ion: 43 Resp: 2343

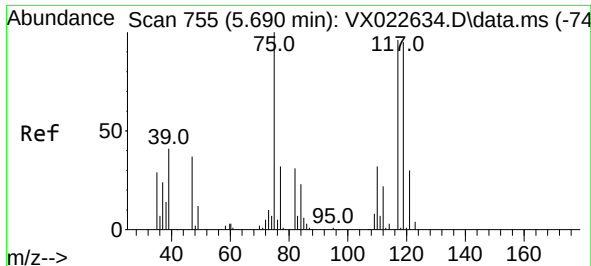
Ion Ratio Lower Upper

43 100

61 0.0 12.8 19.2#

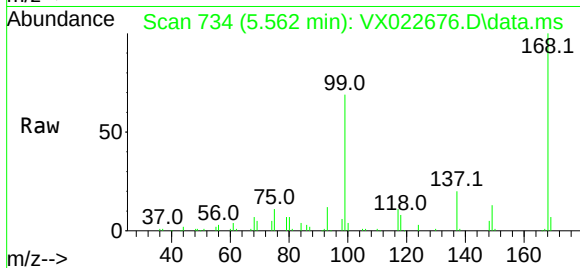
70 0.0 10.5 15.7#



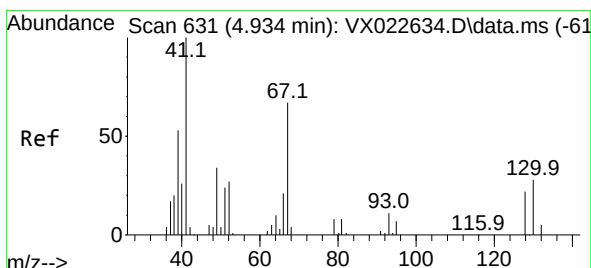
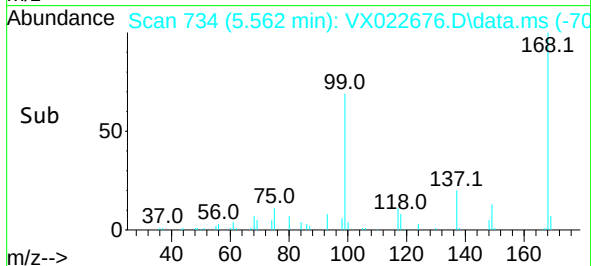
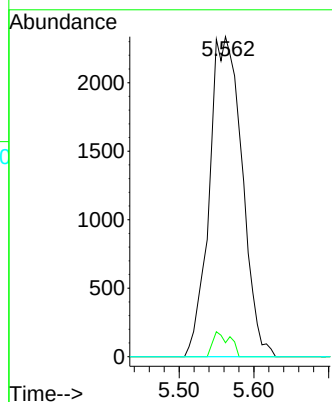


#38
Carbon Tetrachloride
Concen: 6.739 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.116 min
Lab File: VX022676.D
Acq: 11 Jun 2021 18:41

Instrument :
MSVOA_X
ClientSampleId :
17-B6(96-100)

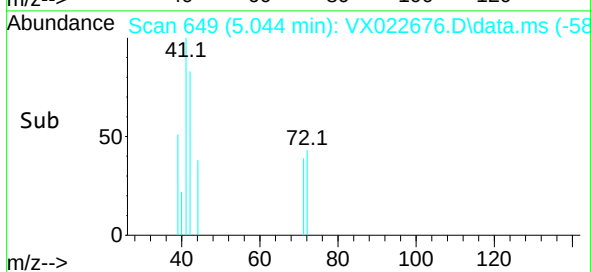
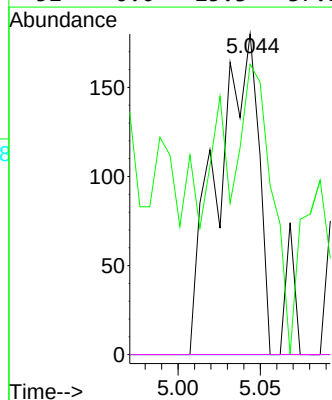
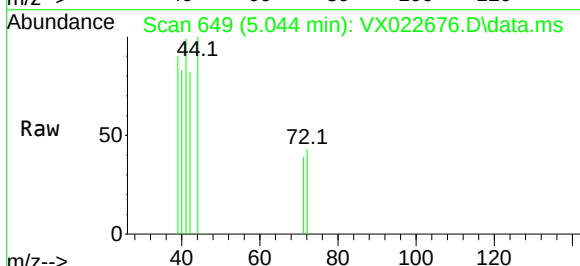


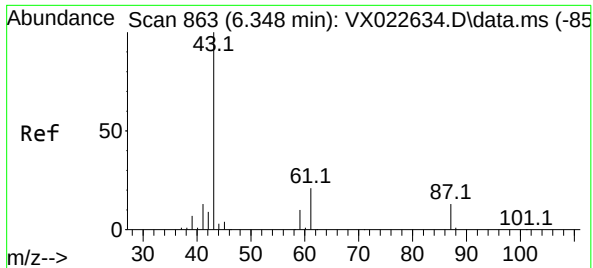
Tgt Ion: 117 Resp: 7112
Ion Ratio Lower Upper
117 100
119 4.4 76.2 114.2#
121 0.0 24.8 37.2#



#41
Methacrylonitrile
Concen: 0.375 ug/l
RT: 5.044 min Scan# 649
Delta R.T. 0.116 min
Lab File: VX022676.D
Acq: 11 Jun 2021 18:41

Tgt Ion: 41 Resp: 315
Ion Ratio Lower Upper
41 100
39 69.5 42.5 63.7#
67 0.0 65.0 97.6#
52 0.0 25.3 37.9#

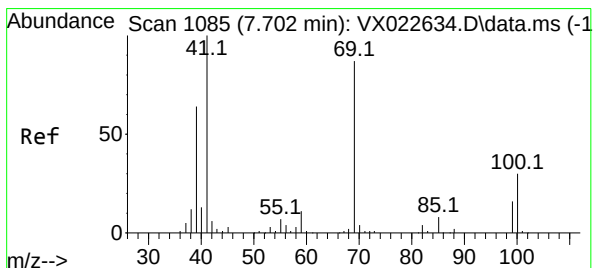
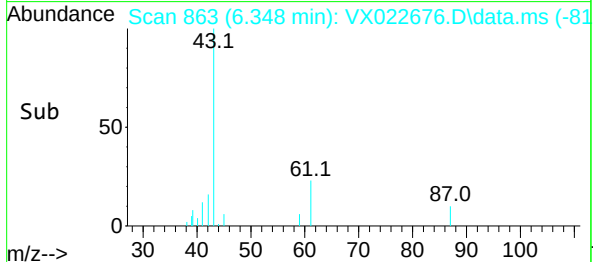
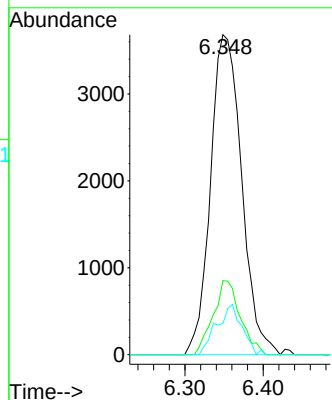
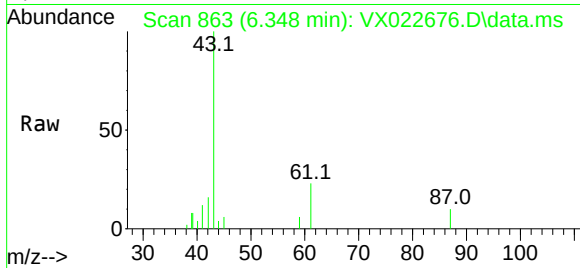




#43
Isopropyl Acetate
Concen: 4.100 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX022676.D
Acq: 11 Jun 2021 18:41

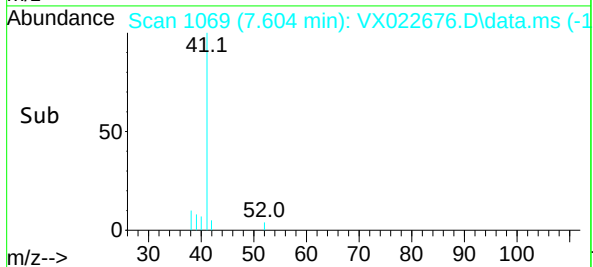
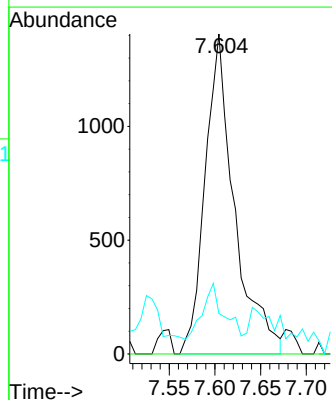
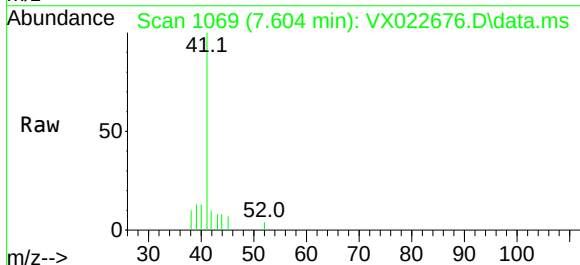
Instrument :
MSVOA_X
ClientSampleId :
17-B6(96-100)

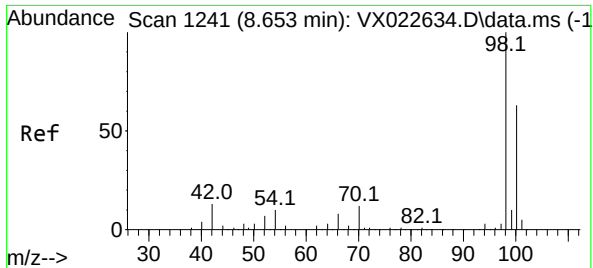
Tgt Ion:	43	Resp:	10155
Ion	Ratio	Lower	Upper
43	100		
61	20.3	18.2	27.4
87	12.8	12.5	18.7



#48
Methyl methacrylate
Concen: 2.634 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.092 min
Lab File: VX022676.D
Acq: 11 Jun 2021 18:41

Tgt Ion:	41	Resp:	3131
Ion	Ratio	Lower	Upper
41	100		
69	0.0	76.0	114.0#
39	0.0	44.6	67.0#

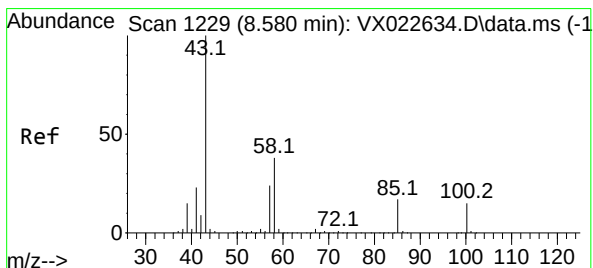
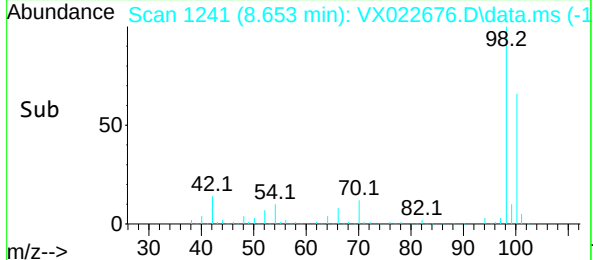
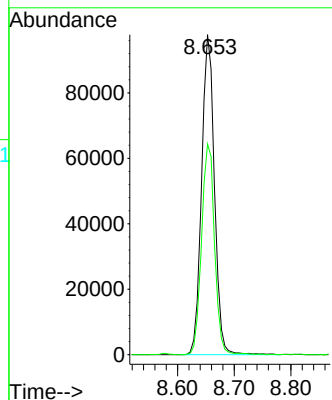
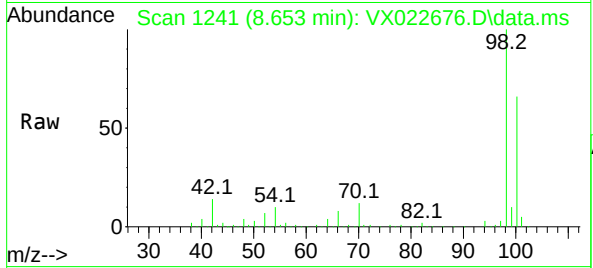




#50
Toluene-d8
Concen: 49.213 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022676.D
Acq: 11 Jun 2021 18:41

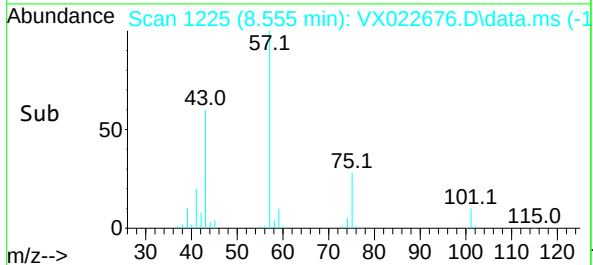
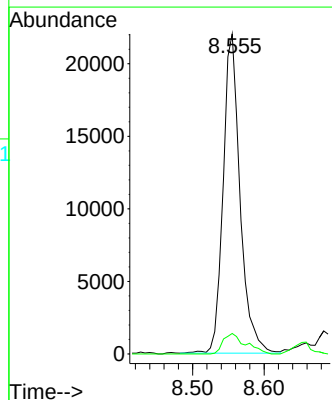
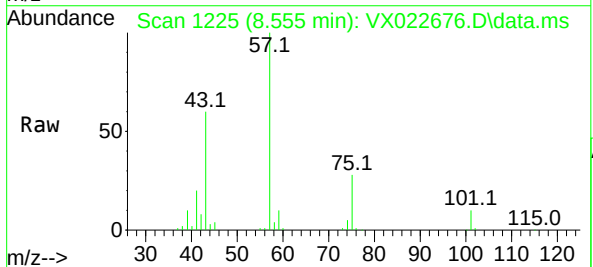
Instrument :
MSVOA_X
ClientSampleId :
17-B6(96-100)

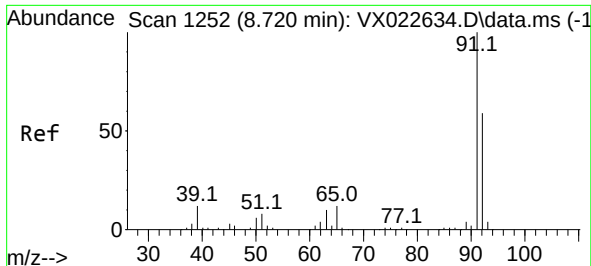
Tgt Ion: 98 Resp: 153274
Ion Ratio Lower Upper
98 100
100 66.8 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 23.054 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022676.D
Acq: 11 Jun 2021 18:41

Tgt Ion: 43 Resp: 36241
Ion Ratio Lower Upper
43 100
58 8.5 35.4 53.0#

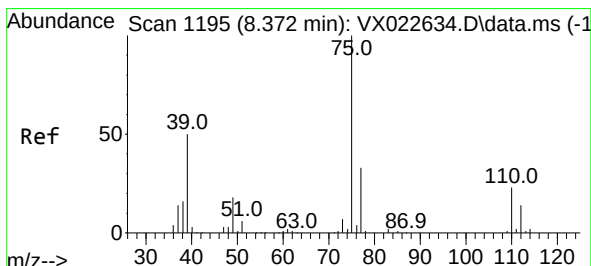
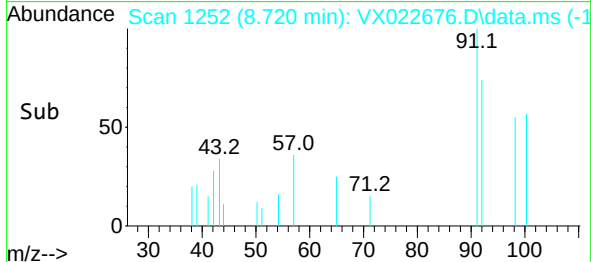
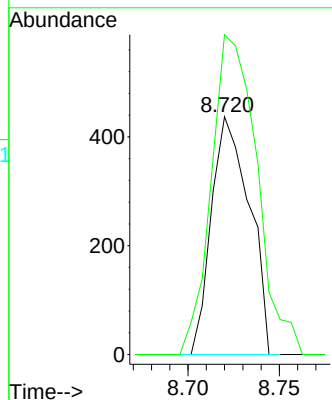
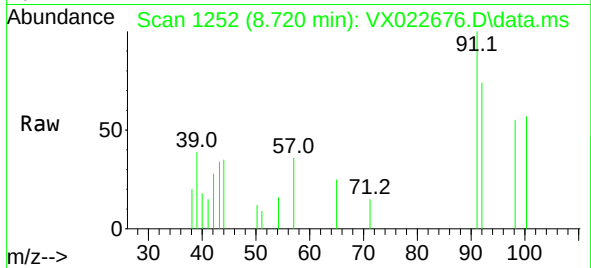




#52
Toluene
Concen: 0.277 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX022676.D
Acq: 11 Jun 2021 18:41

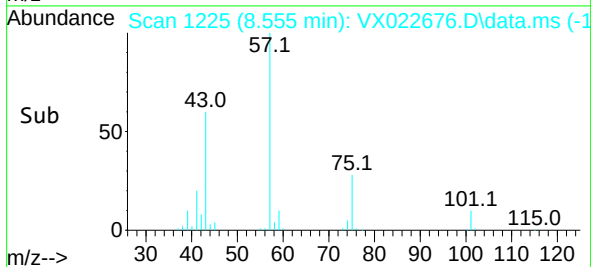
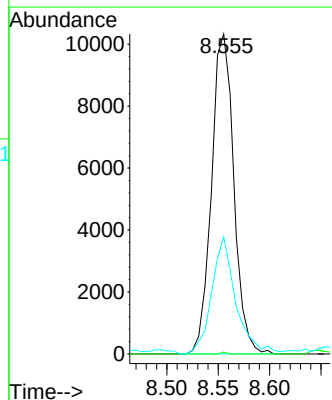
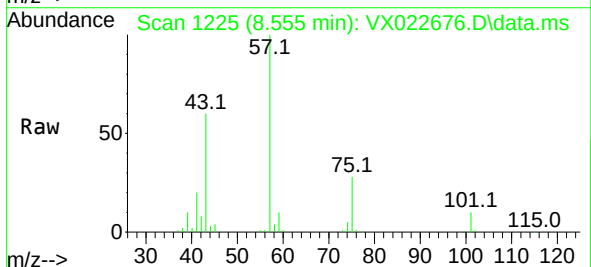
Instrument :
MSVOA_X
ClientSampleId :
17-B6(96-100)

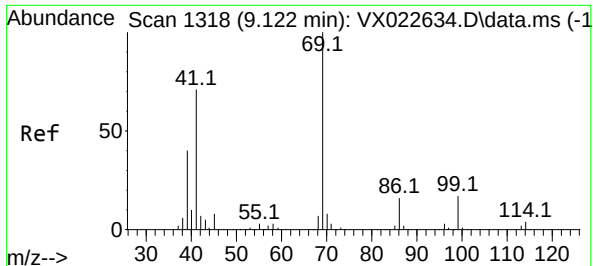
Tgt Ion: 92 Resp: 633
Ion Ratio Lower Upper
92 100
91 161.5 137.1 205.7



#54
cis-1,3-Dichloropropene
Concen: 11.456 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX022676.D
Acq: 11 Jun 2021 18:41

Tgt Ion: 75 Resp: 15558
Ion Ratio Lower Upper
75 100
77 0.6 25.7 38.5#
39 36.6 35.1 52.7

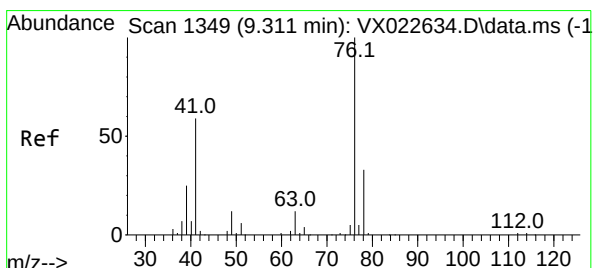
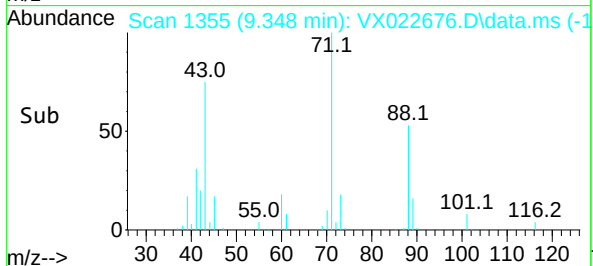
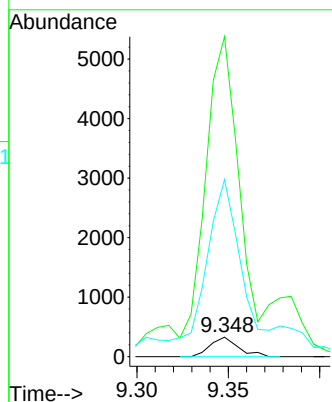
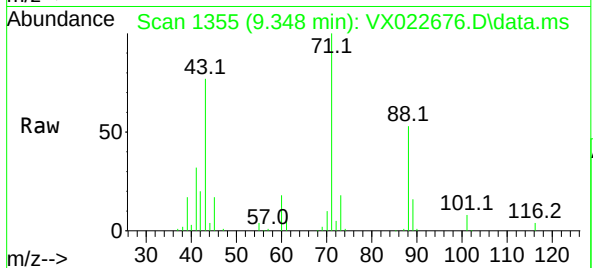




#56
Ethyl methacrylate
Concen: 2.492 ug/l
RT: 9.348 min Scan# 1355
Delta R.T. 0.226 min
Lab File: VX022676.D
Acq: 11 Jun 2021 18:41

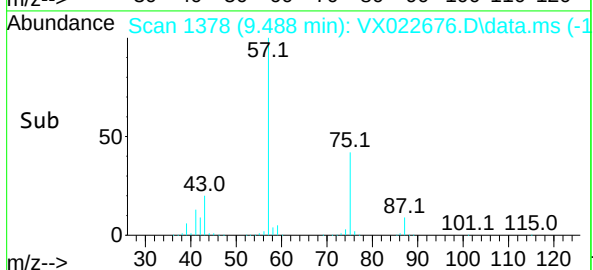
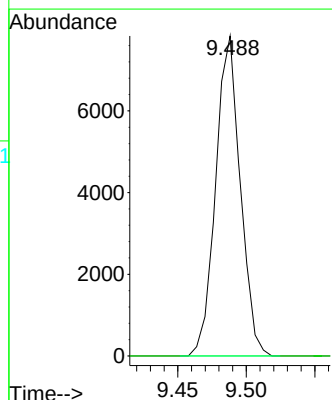
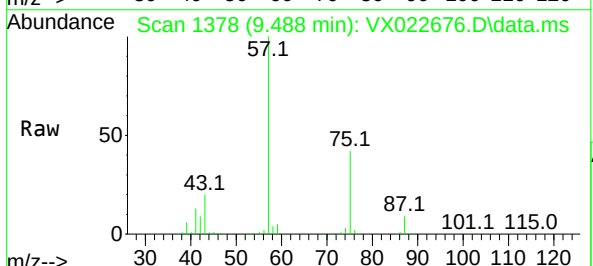
Instrument :
MSVOA_X
ClientSampleId :
17-B6(96-100)

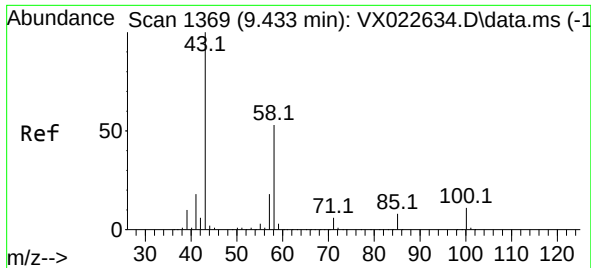
Tgt Ion: 69 Resp: 352
Ion Ratio Lower Upper
69 100
41 2134.7 46.8 70.2#
39 1151.1 24.7 37.1#



#57
1,3-Dichloropropane
Concen: 6.010 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022676.D
Acq: 11 Jun 2021 18:41

Tgt Ion: 76 Resp: 9771
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#

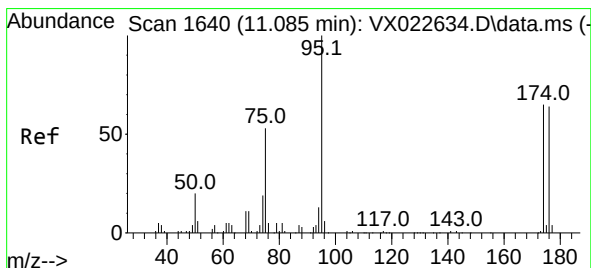
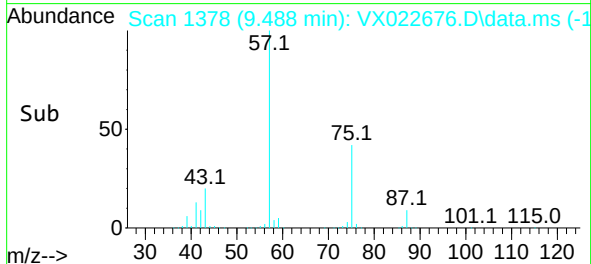
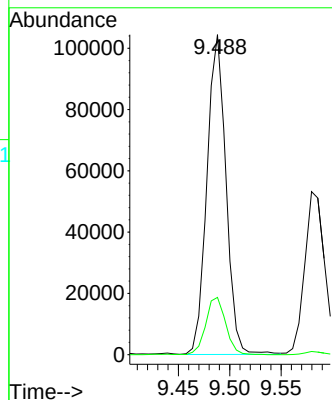
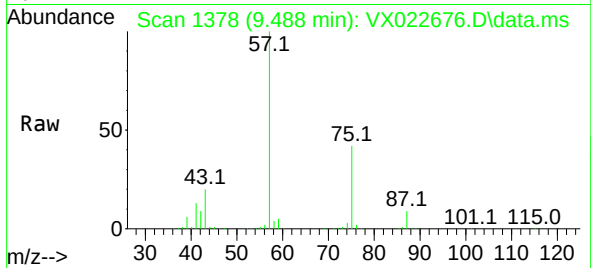




#59
2-Hexanone
Concen: 112.293 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX022676.D
Acq: 11 Jun 2021 18:41

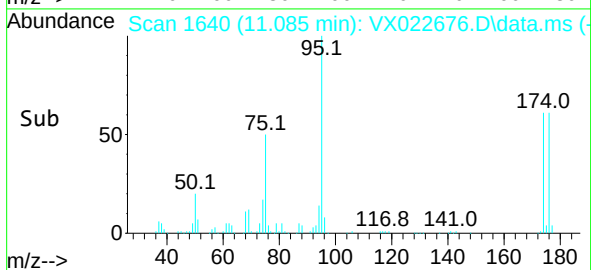
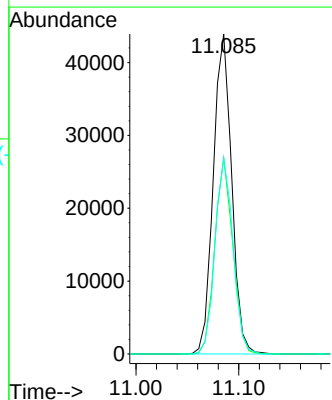
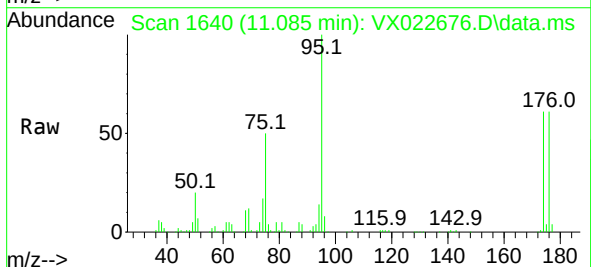
Instrument :
MSVOA_X
ClientSampleId :
17-B6(96-100)

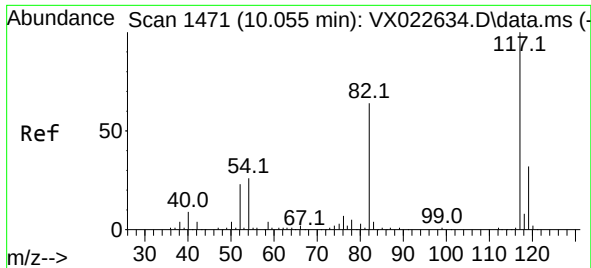
Tgt Ion: 43 Resp: 134874
Ion Ratio Lower Upper
43 100
58 18.7 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 46.166 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022676.D
Acq: 11 Jun 2021 18:41

Tgt Ion: 95 Resp: 54379
Ion Ratio Lower Upper
95 100
174 60.1 0.0 154.6
176 60.1 0.0 155.8

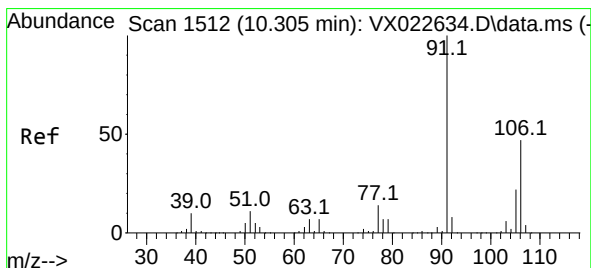
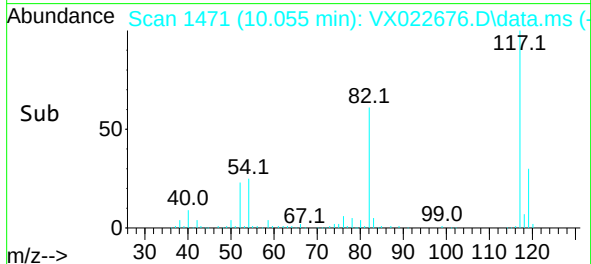
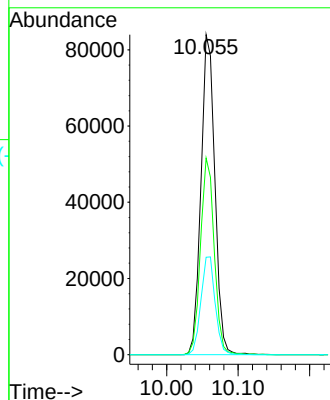
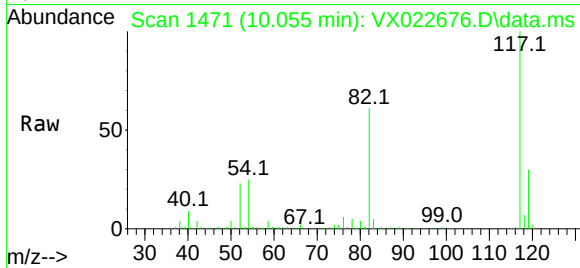




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022676.D
Acq: 11 Jun 2021 18:41

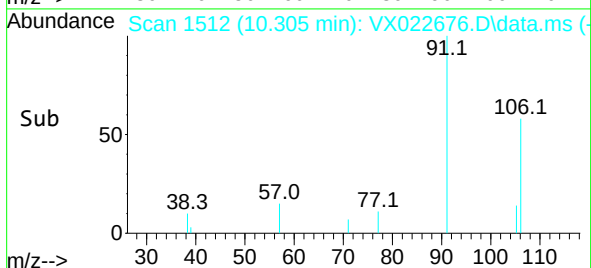
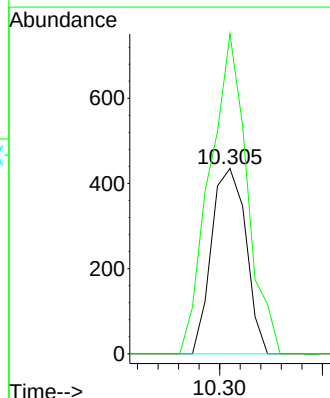
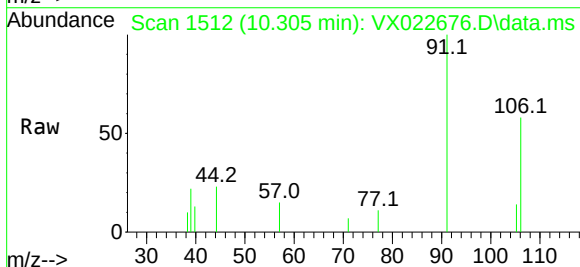
Instrument :
MSVOA_X
ClientSampleId :
17-B6(96-100)

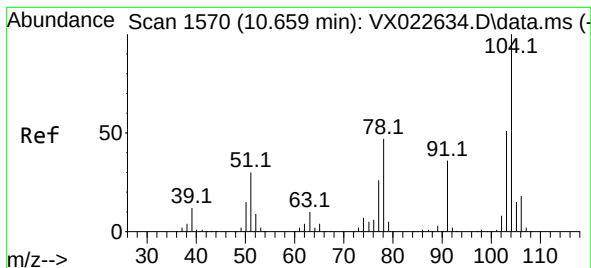
Tgt Ion:117 Resp: 113333
Ion Ratio Lower Upper
117 100
82 61.5 47.4 71.2
119 30.5 26.6 39.8



#68
m/p-Xylenes
Concen: 0.322 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX022676.D
Acq: 11 Jun 2021 18:41

Tgt Ion:106 Resp: 507
Ion Ratio Lower Upper
106 100
91 187.0 162.8 244.2





#70

Styrene

Concen: 1.462 ug/l

RT: 10.659 min Scan# 1570

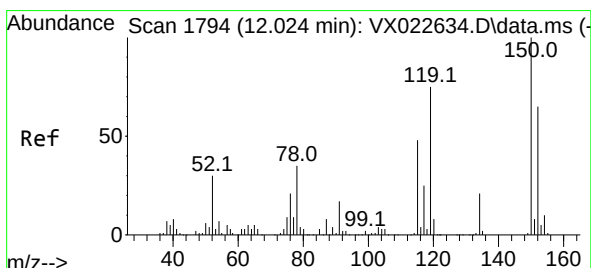
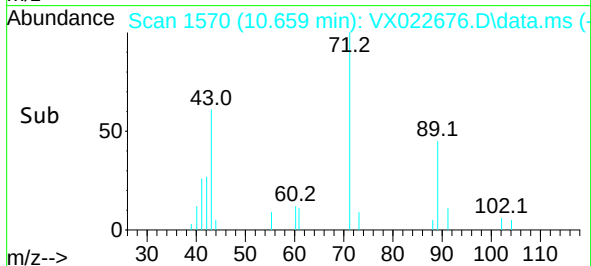
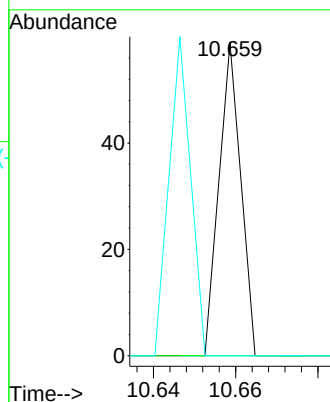
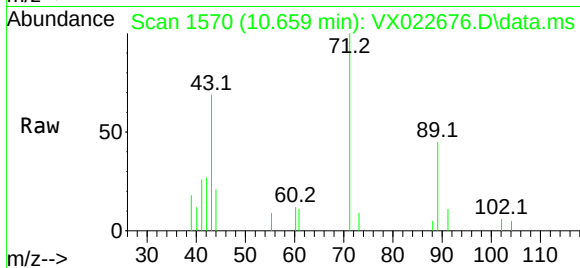
Delta R.T. -0.000 min

Lab File: VX022676.D

Acq: 11 Jun 2021 18:41

Tgt Ion:104	Resp:	22
Ion Ratio	Lower	Upper
104	100	
78	0.0	40.0
103	100.0	43.4

Instrument :
MSVOA_X
ClientSampleId :
17-B6(96-100)



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

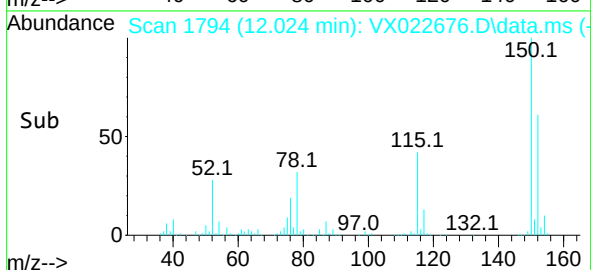
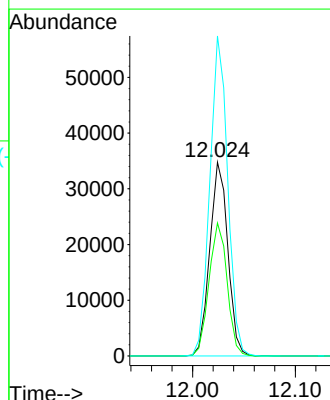
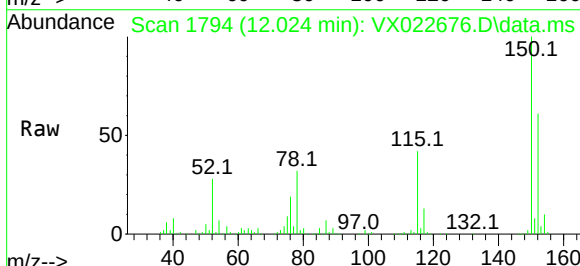
RT: 12.024 min Scan# 1794

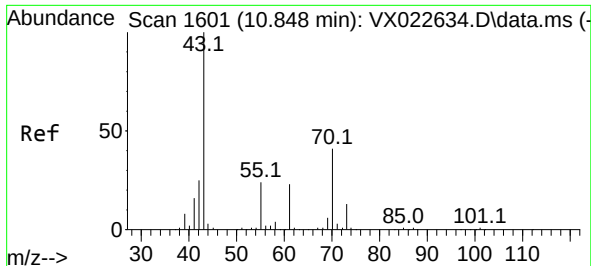
Delta R.T. 0.000 min

Lab File: VX022676.D

Acq: 11 Jun 2021 18:41

Tgt Ion:152	Resp:	42606
Ion Ratio	Lower	Upper
152	100	
115	68.8	41.1
150	163.0	0.0

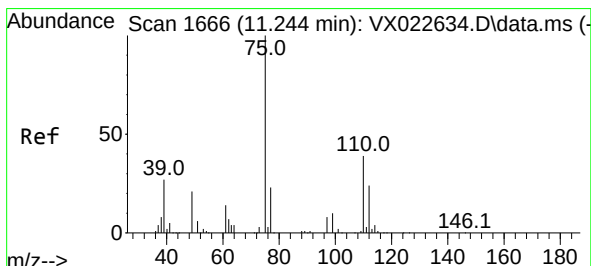
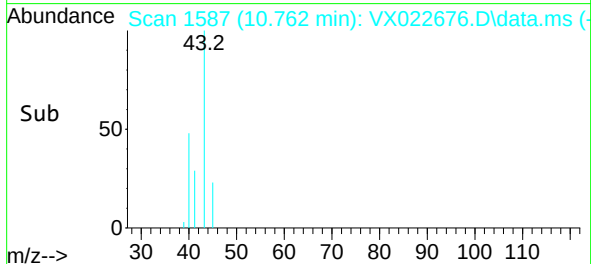
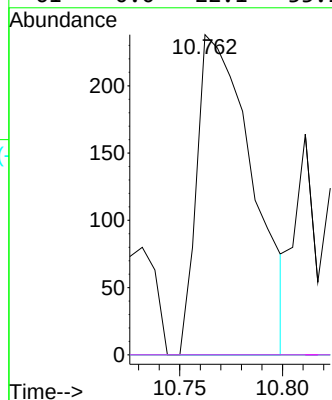
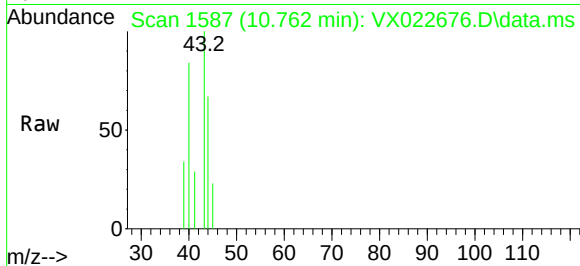




#74
N-amy1 acetate
Concen: 0.237 ug/l
RT: 10.762 min Scan# 1587
Delta R.T. -0.086 min
Lab File: VX022676.D
Acq: 11 Jun 2021 18:41

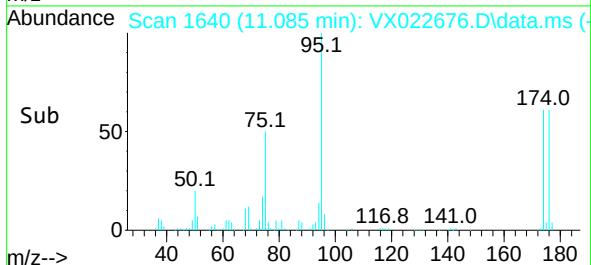
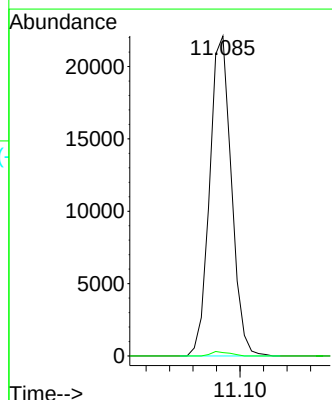
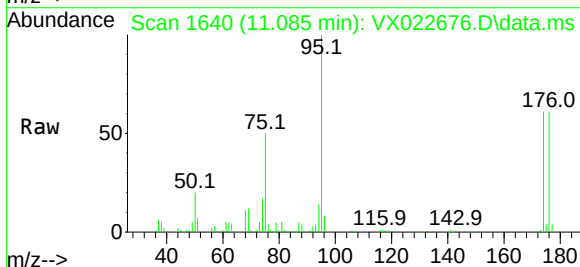
Instrument :
MSVOA_X
ClientSampleId :
17-B6(96-100)

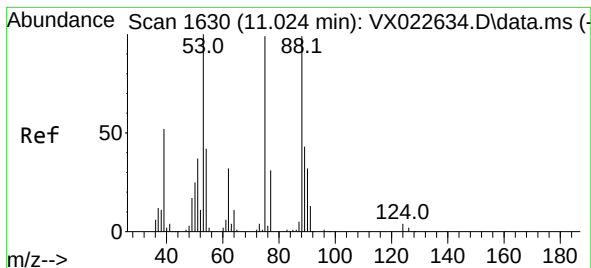
Tgt Ion: 43	Resp: 445
Ion Ratio	Lower Upper
43 100	
70 0.0	39.0 58.6#
55 0.0	21.5 32.3#
61 0.0	22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 25.135 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022676.D
Acq: 11 Jun 2021 18:41

Tgt Ion: 75	Resp: 28394
Ion Ratio	Lower Upper
75 100	
77 1.2	19.1 57.5#

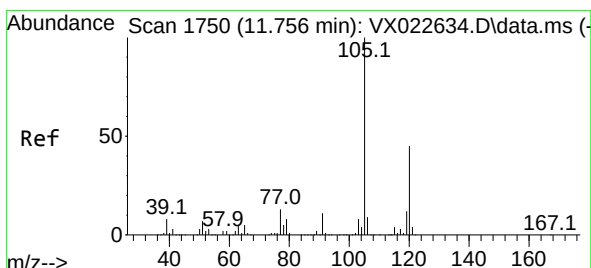
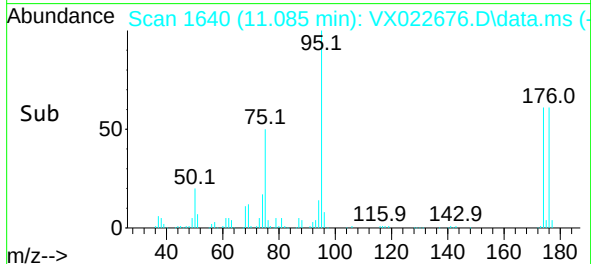
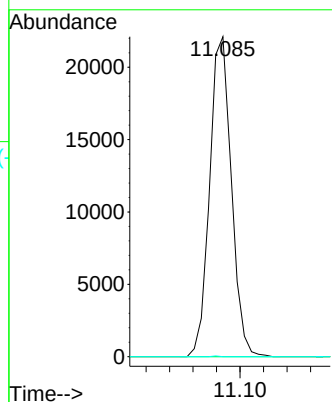
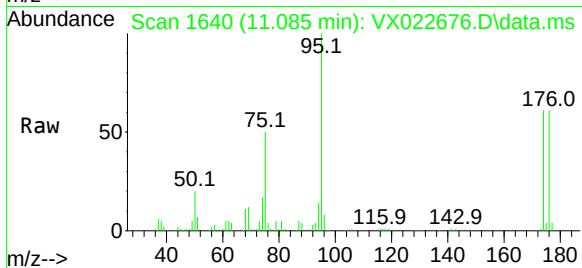




#81
trans-1,4-Dichloro-2-butene
Concen: 63.255 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022676.D
Acq: 11 Jun 2021 18:41

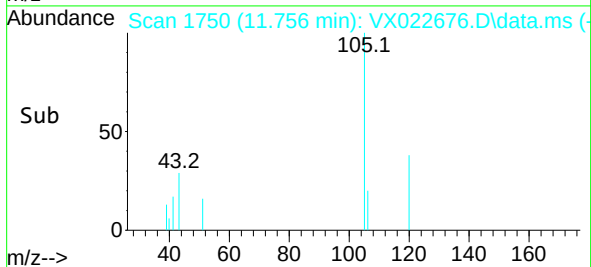
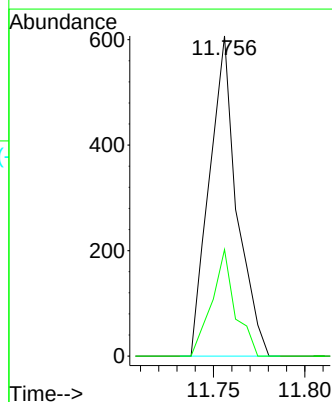
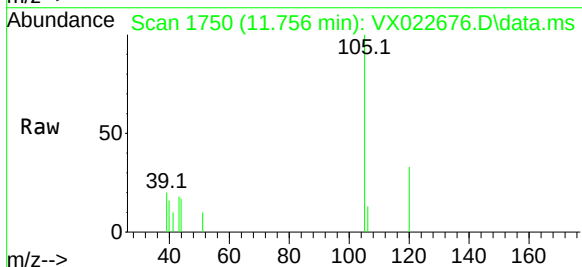
Instrument :
MSVOA_X
ClientSampleId :
17-B6(96-100)

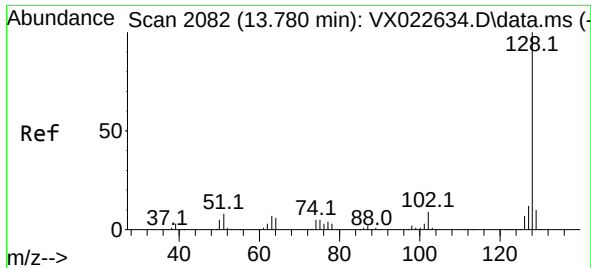
Tgt Ion: 75 Resp: 28394
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#



#84
1,2,4-Trimethylbenzene
Concen: 0.214 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX022676.D
Acq: 11 Jun 2021 18:41

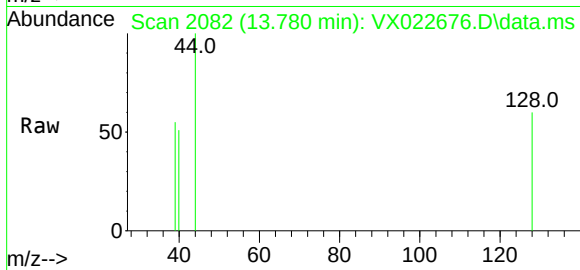
Tgt Ion: 105 Resp: 634
Ion Ratio Lower Upper
105 100
120 28.4 22.4 67.3





#95
Naphthalene
Concen: 1.499 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX022676.D
Acq: 11 Jun 2021 18:41

Instrument :
MSVOA_X
ClientSampleId :
17-B6(96-100)



Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.8	13.2#

