

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061121\
 Data File : VX022675.D
 Acq On : 11 Jun 2021 18:17
 Operator : JC/MD
 Sample : M2673-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 17-B6(92-96)

Quant Time: Jun 12 02:31:33 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)

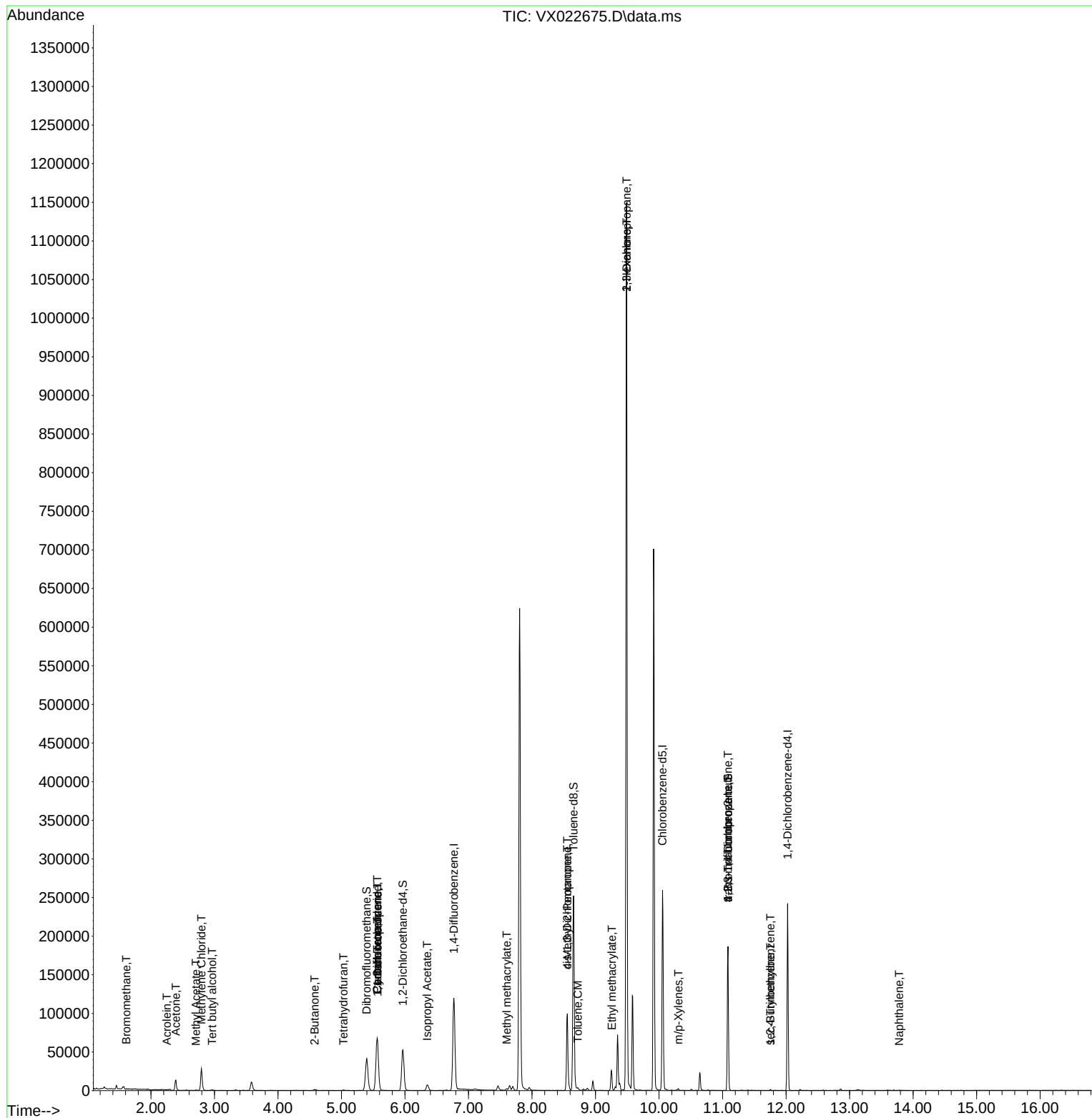
Internal Standards						
1) Pentafluorobenzene	5.562	168	57643	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	116649	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	104543	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	41036	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	48176	46.471	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.940%		
35) Dibromofluoromethane	5.397	113	34742	46.681	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.360%		
50) Toluene-d8	8.653	98	143601	48.946	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.900%		
62) 4-Bromofluorobenzene	11.085	95	49325	44.453	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.900%		
Target Compounds						Qvalue
5) Bromomethane	1.611	94	114	0.261	ug/l #	2
11) Tert butyl alcohol	2.965	59	835	3.479	ug/l #	73
13) Acrolein	2.252	56	156	1.551	ug/l	91
16) Acetone	2.392	43	13812	29.754	ug/l	100
18) Methyl Acetate	2.709	43	697	0.499	ug/l #	53
20) Methylene Chloride	2.794	84	11160	12.241	ug/l #	87
25) 2-Butanone	4.574	43	2279	3.027	ug/l	93
29) Tetrahydrofuran	5.031	42	525	1.198	ug/l #	56
31) Cyclohexane	5.562	56	1813	1.450	ug/l #	55
36) 1,1-Dichloropropene	5.568	75	6130	5.274	ug/l #	48
38) Carbon Tetrachloride	5.562	117	6738	6.777	ug/l #	18
43) Isopropyl Acetate	6.348	43	10200	4.372	ug/l	92
48) Methyl methacrylate	7.604	41	2888	2.579	ug/l #	10
51) 4-Methyl-2-Pentanone	8.555	43	35634	24.063	ug/l #	46
52) Toluene	8.720	92	694	0.322	ug/l	99
54) cis-1,3-Dichloropropene	8.555	75	16006	12.281	ug/l #	70
56) Ethyl methacrylate	9.256	69	81	2.342	ug/l #	1
57) 1,3-Dichloropropane	9.488	76	9404	6.140	ug/l #	42
59) 2-Hexanone	9.488	43	132434	117.050	ug/l #	43
68) m/p-Xylenes	10.305	106	502	0.346	ug/l	82
76) 1,2,3-Trichloropropane	11.085	75	27195	24.995	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	27195	62.935	ug/l #	12
84) 1,2,4-Trimethylbenzene	11.756	105	709	0.249	ug/l	90
85) sec-Butylbenzene	11.756	105	709	0.206	ug/l #	57
95) Naphthalene	13.780	128	229	1.538	ug/l #	69

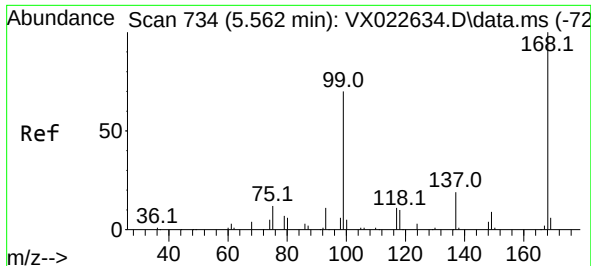
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061121\
Data File : VX022675.D
Acq On : 11 Jun 2021 18:17
Operator : JC/MD
Sample : M2673-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
17-B6(92-96)

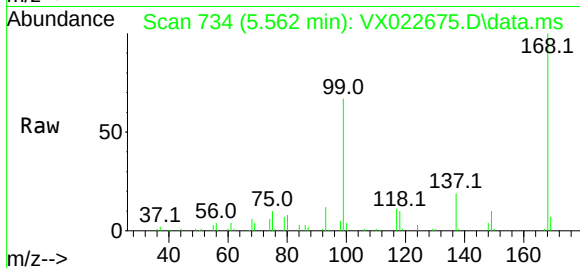
Quant Time: Jun 12 02:31:33 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 10 12:20:00 2021
Response via : Initial Calibration



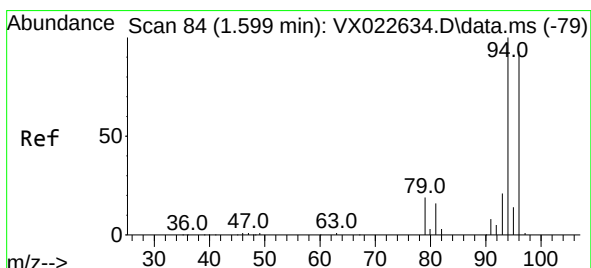
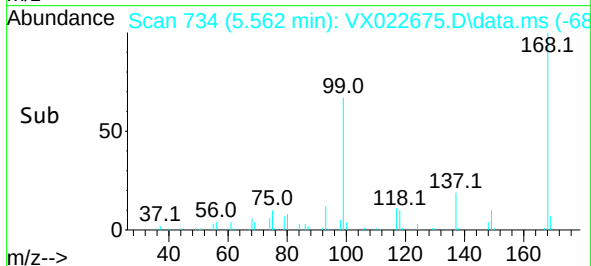
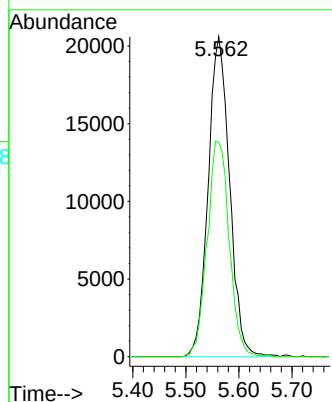


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022675.D
Acq: 11 Jun 2021 18:17

Instrument :
MSVOA_X
ClientSampleId :
17-B6(92-96)

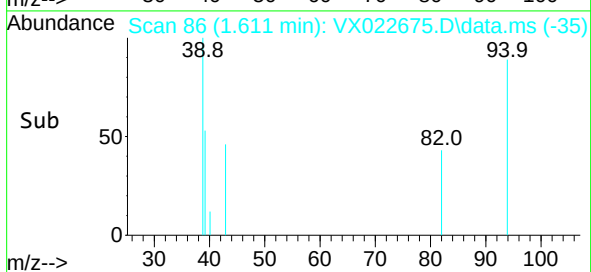
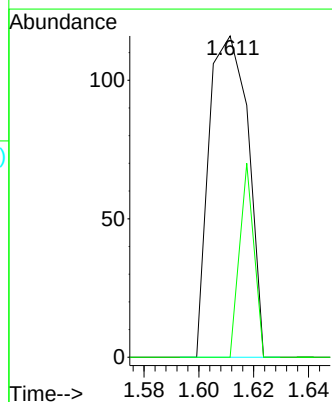
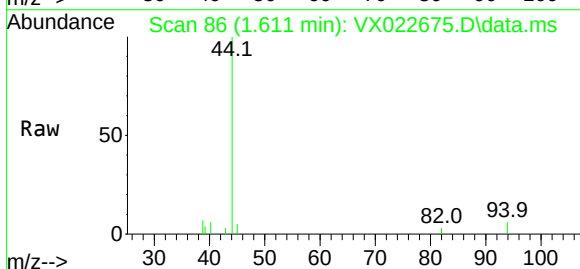


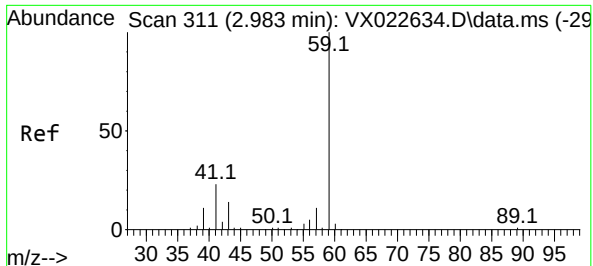
Tgt Ion:168 Resp: 57643
Ion Ratio Lower Upper
168 100
99 67.1 45.8 68.6



#5
Bromomethane
Concen: 0.261 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX022675.D
Acq: 11 Jun 2021 18:17

Tgt Ion: 94 Resp: 114
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#



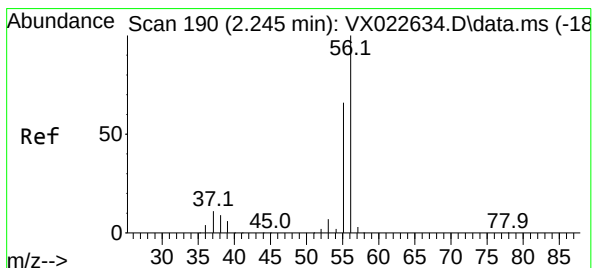
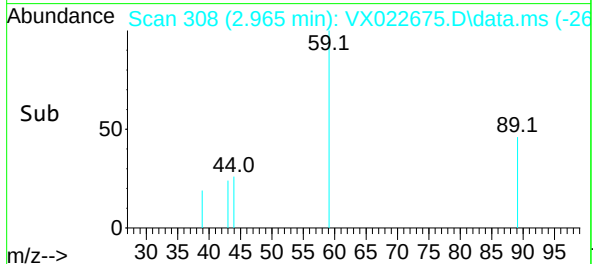
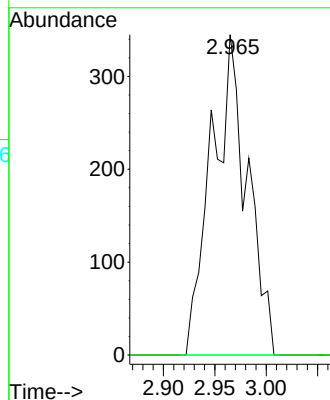
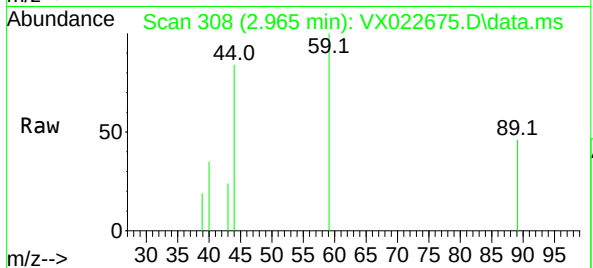


#11

Tert butyl alcohol
Concen: 3.479 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX022675.D
Acq: 11 Jun 2021 18:17

Instrument :
MSVOA_X
ClientSampleId :
17-B6(92-96)

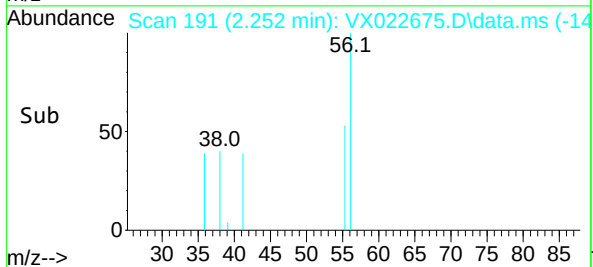
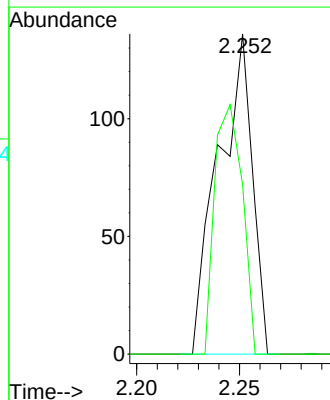
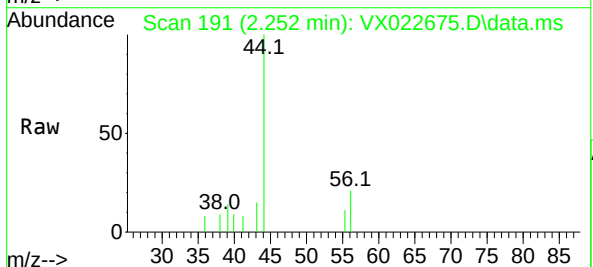
Tgt Ion: 59 Resp: 835
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

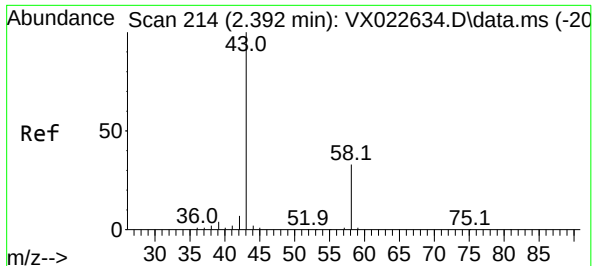


#13

Acrolein
Concen: 1.551 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.013 min
Lab File: VX022675.D
Acq: 11 Jun 2021 18:17

Tgt Ion: 56 Resp: 156
Ion Ratio Lower Upper
56 100
55 63.5 56.4 84.6

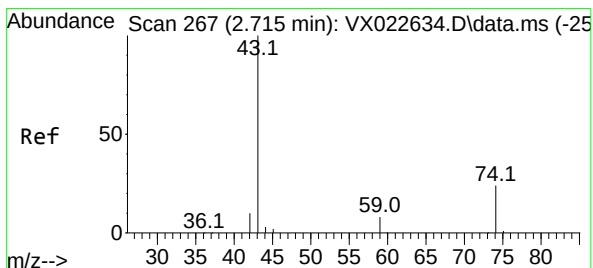
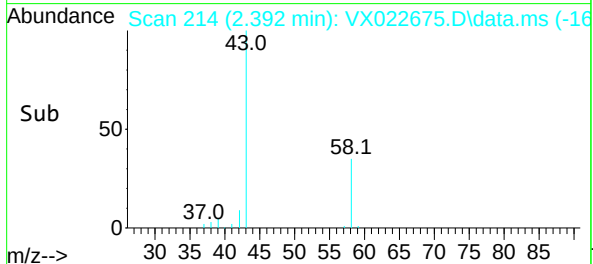
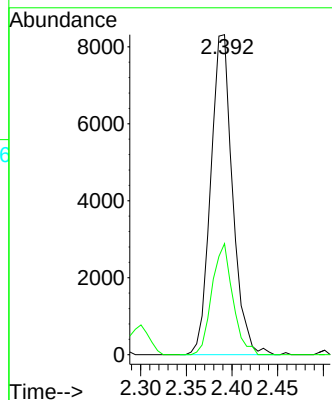
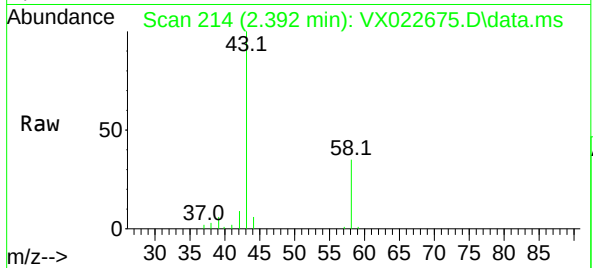




#16
Acetone
Concen: 29.754 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022675.D
Acq: 11 Jun 2021 18:17

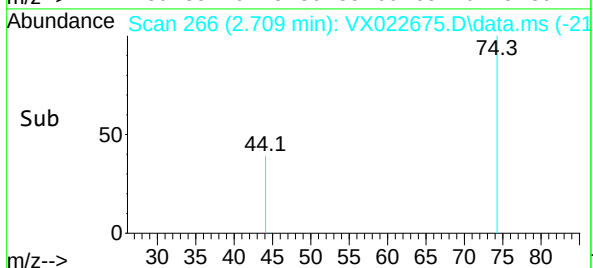
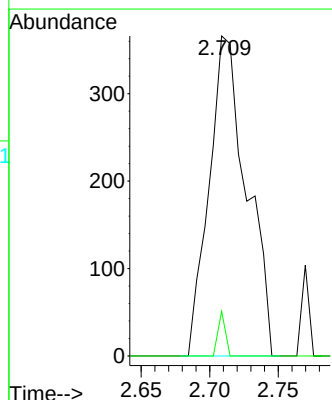
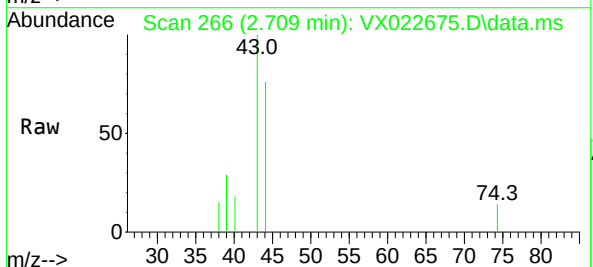
Instrument :
MSVOA_X
ClientSampleId :
17-B6(92-96)

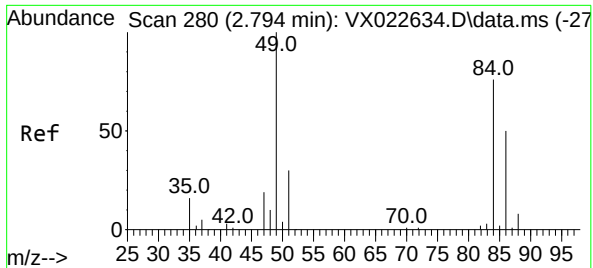
Tgt Ion: 43 Resp: 13812
Ion Ratio Lower Upper
43 100
58 34.7 27.8 41.8



#18
Methyl Acetate
Concen: 0.499 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX022675.D
Acq: 11 Jun 2021 18:17

Tgt Ion: 43 Resp: 697
Ion Ratio Lower Upper
43 100
74 2.7 21.9 32.9#

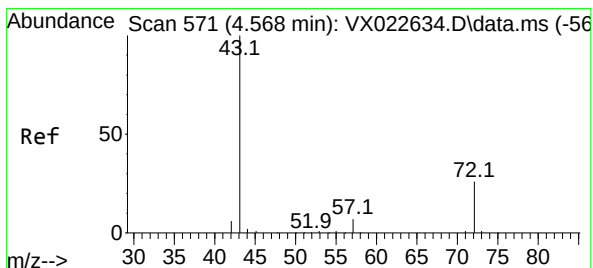
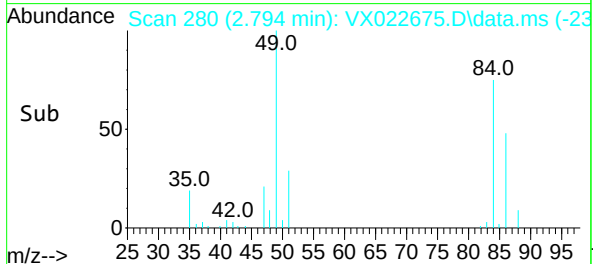
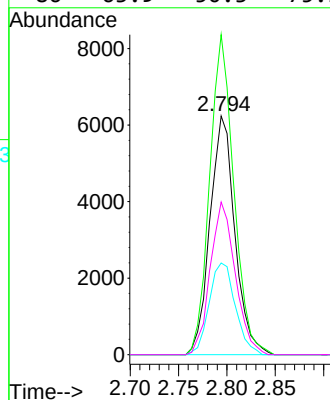
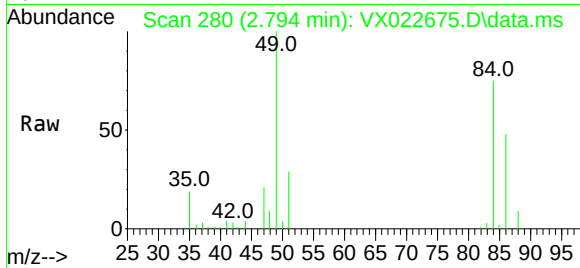




#20
Methylene Chloride
Concen: 12.241 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022675.D
Acq: 11 Jun 2021 18:17

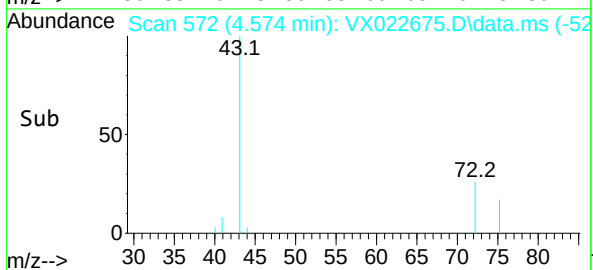
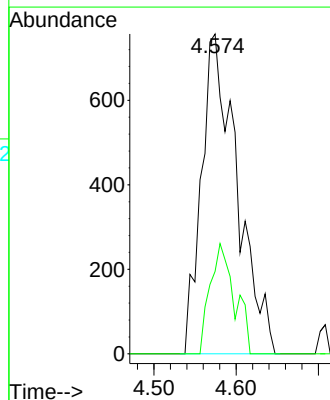
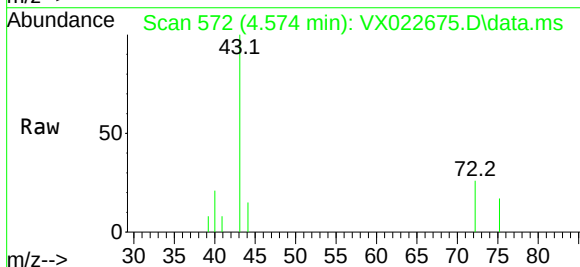
Instrument :
MSVOA_X
ClientSampleId :
17-B6(92-96)

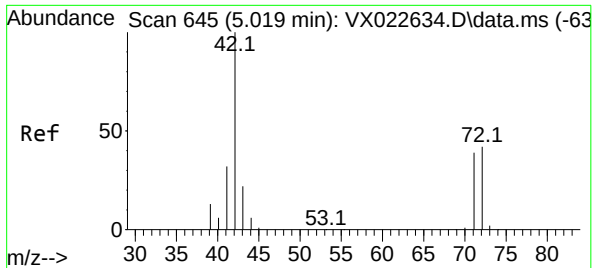
Tgt Ion:	84	Resp:	11160
Ion	Ratio	Lower	Upper
84	100		
49	134.0	88.6	132.8#
51	38.4	27.0	40.6
86	63.9	50.3	75.5



#25
2-Butanone
Concen: 3.027 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX022675.D
Acq: 11 Jun 2021 18:17

Tgt Ion:	43	Resp:	2279
Ion	Ratio	Lower	Upper
43	100		
72	25.8	23.7	35.5





#29

Tetrahydrofuran

Concen: 1.198 ug/l

RT: 5.031 min Scan# 647

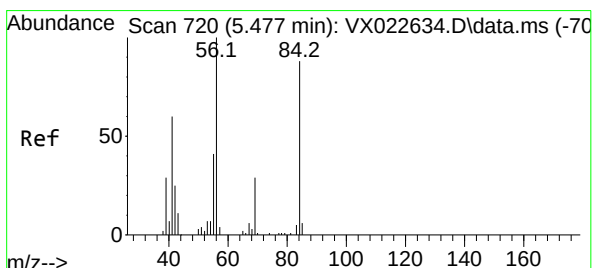
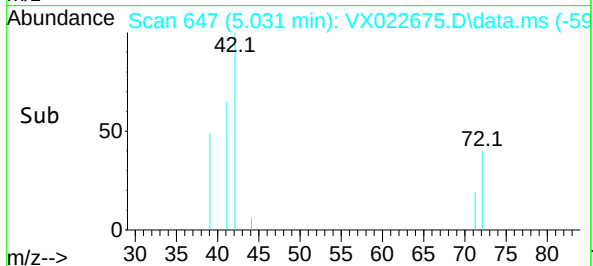
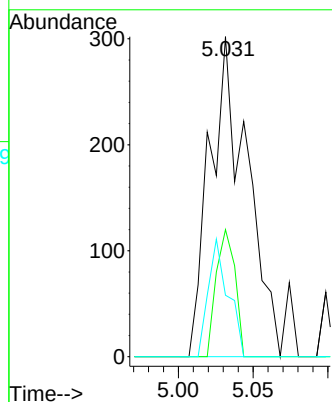
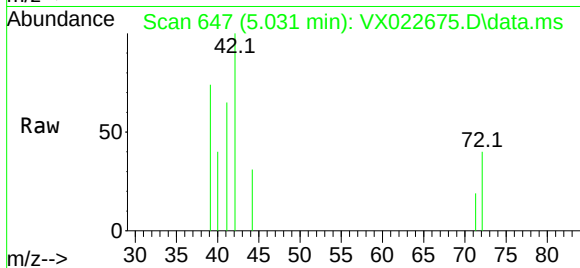
Delta R.T. 0.018 min

Lab File: VX022675.D

Acq: 11 Jun 2021 18:17

Tgt Ion:	42	Resp:	525
Ion	Ratio	Lower	Upper
42	100		
72	20.0	41.7	62.5#
71	19.4	38.4	57.6#

Instrument :
MSVOA_X
ClientSampleId :
17-B6(92-96)



#31

Cyclohexane

Concen: 1.450 ug/l

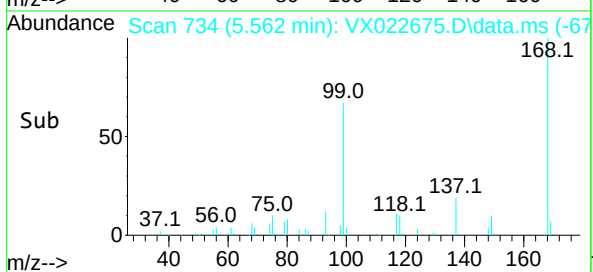
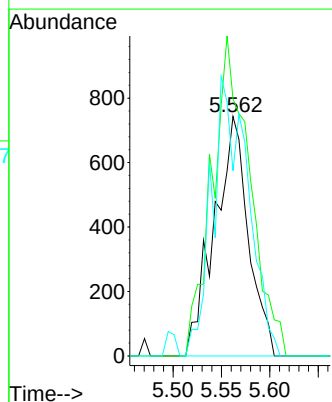
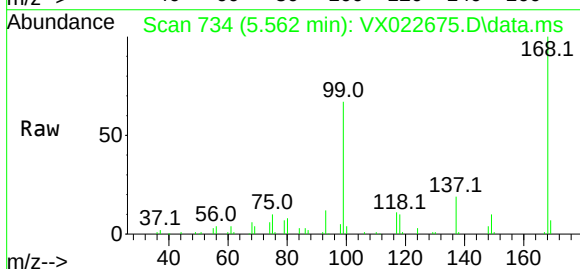
RT: 5.562 min Scan# 734

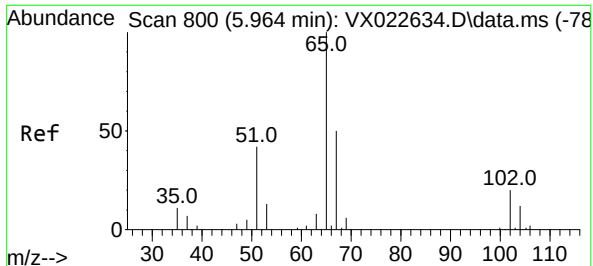
Delta R.T. 0.085 min

Lab File: VX022675.D

Acq: 11 Jun 2021 18:17

Tgt Ion:	56	Resp:	1813
Ion	Ratio	Lower	Upper
56	100		
69	107.4	25.3	37.9#
84	77.4	71.4	107.0



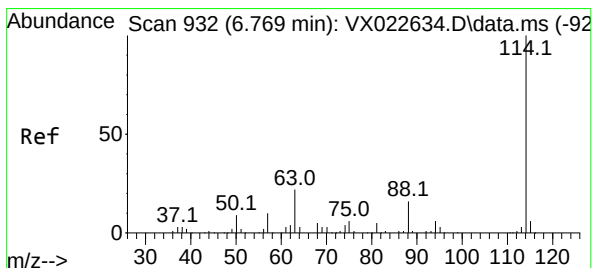
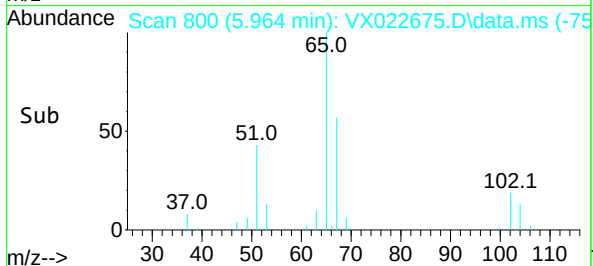
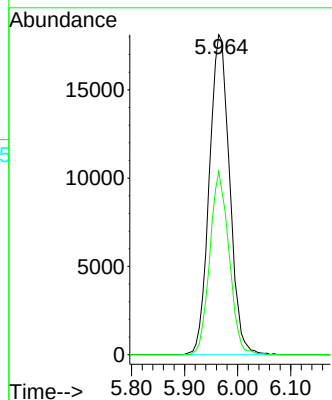
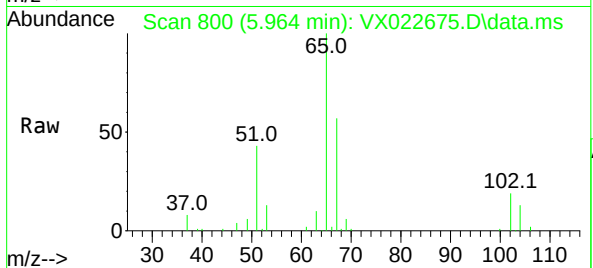


#33

1,2-Dichloroethane-d4
Concen: 46.471 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022675.D
Acq: 11 Jun 2021 18:17

Tgt Ion: 65 Resp: 48176
Ion Ratio Lower Upper
65 100
67 54.1 0.0 105.4

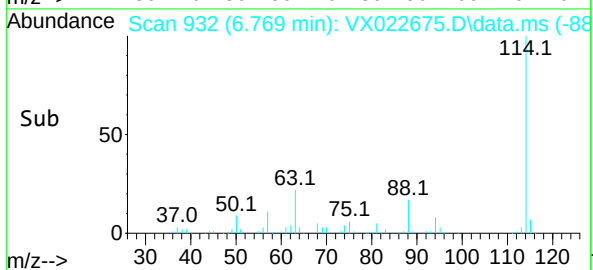
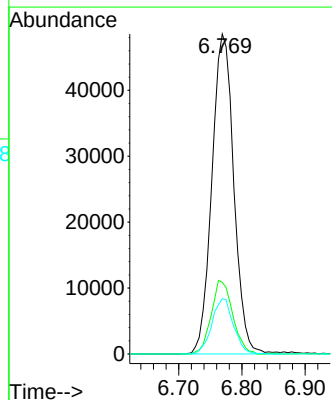
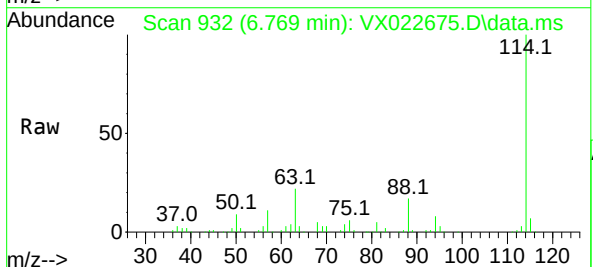
Instrument :
MSVOA_X
ClientSampled :
17-B6(92-96)

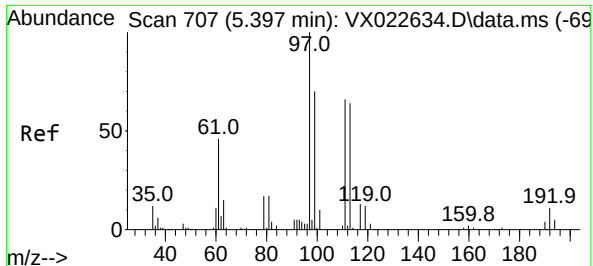


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022675.D
Acq: 11 Jun 2021 18:17

Tgt Ion: 114 Resp: 116649
Ion Ratio Lower Upper
114 100
63 22.4 0.0 40.8
88 17.2 0.0 32.8

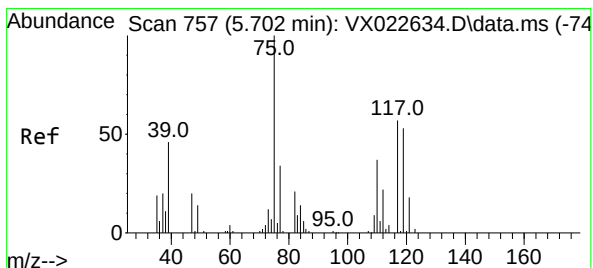
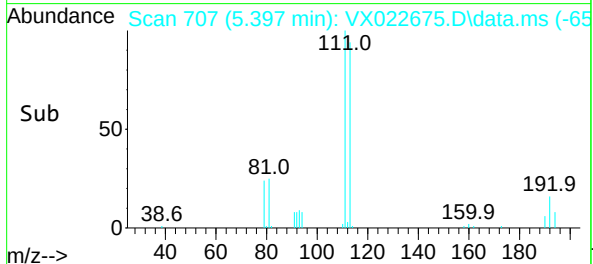
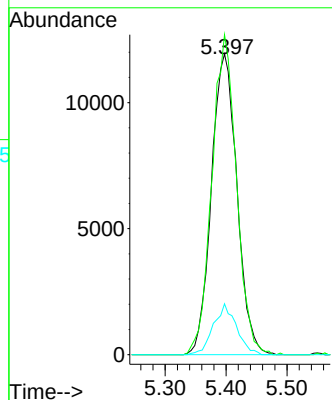
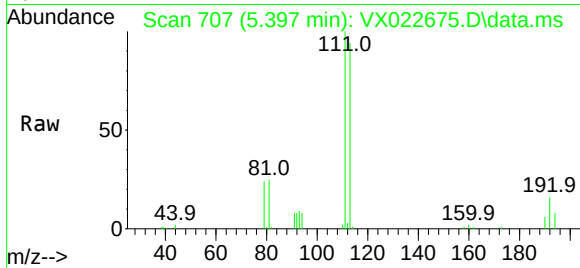




#35
Dibromofluoromethane
Concen: 46.681 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022675.D
Acq: 11 Jun 2021 18:17

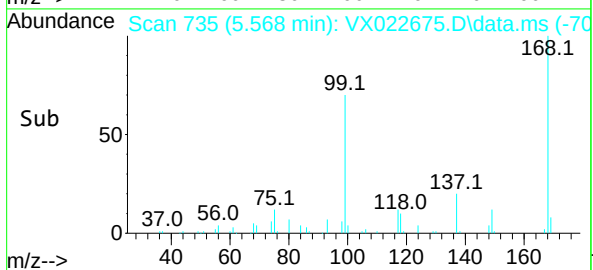
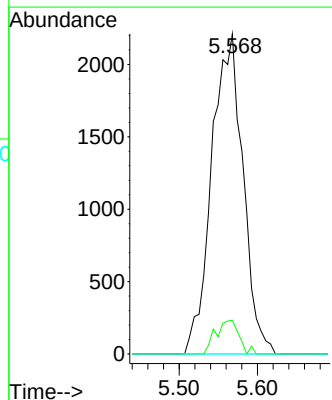
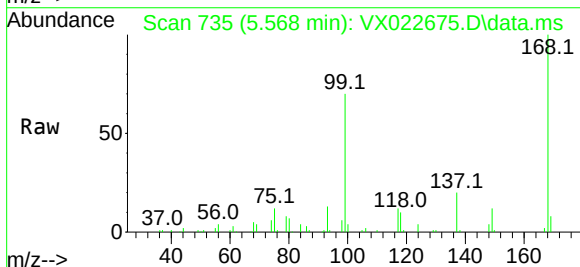
Instrument :
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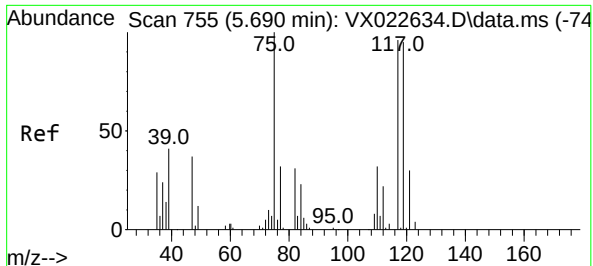
Tgt Ion:113 Resp: 34742
Ion Ratio Lower Upper
113 100
111 102.5 81.9 122.9
192 15.3 16.7 25.1#



#36
1,1-Dichloropropene
Concen: 5.274 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.134 min
Lab File: VX022675.D
Acq: 11 Jun 2021 18:17

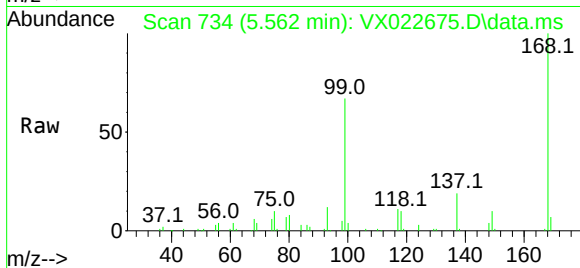
Tgt Ion: 75 Resp: 6130
Ion Ratio Lower Upper
75 100
110 7.9 18.1 54.4#
77 0.0 25.3 37.9#



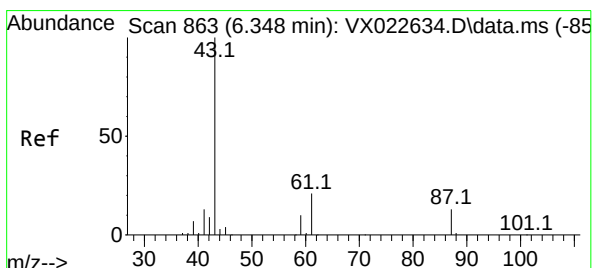
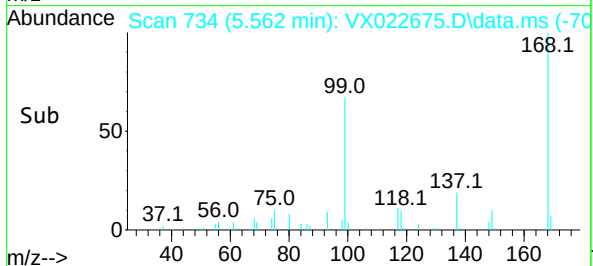
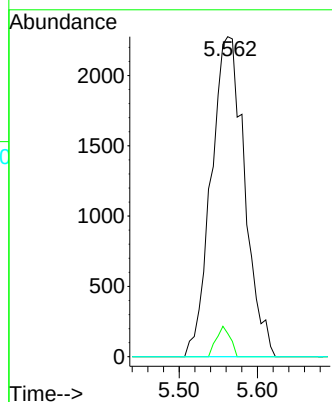


#38
Carbon Tetrachloride
Concen: 6.777 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.116 min
Lab File: VX022675.D
Acq: 11 Jun 2021 18:17

Instrument :
MSVOA_X
ClientSampleId :
17-B6(92-96)

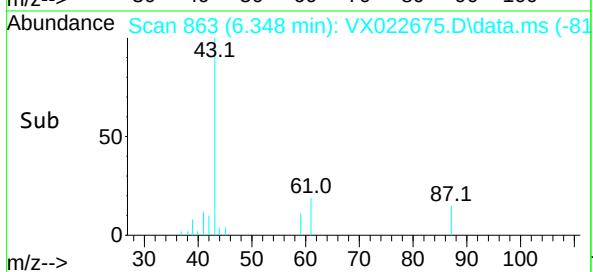
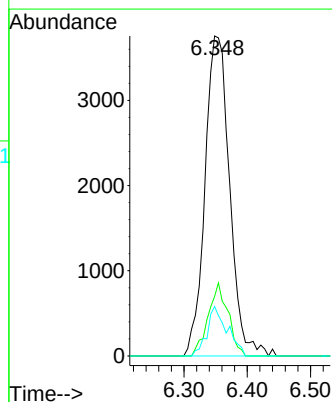
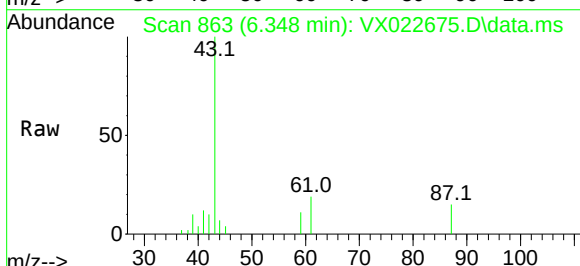


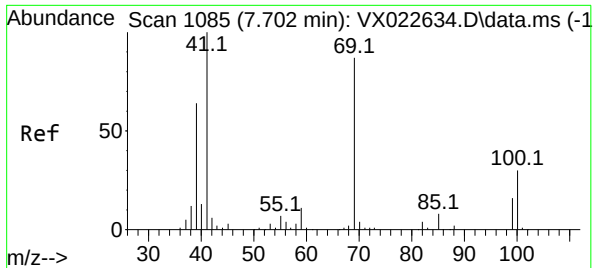
Tgt Ion:117 Resp: 6738
Ion Ratio Lower Upper
117 100
119 7.2 76.2 114.2#
121 0.0 24.8 37.2#



#43
Isopropyl Acetate
Concen: 4.372 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX022675.D
Acq: 11 Jun 2021 18:17

Tgt Ion: 43 Resp: 10200
Ion Ratio Lower Upper
43 100
61 18.3 18.2 27.4
87 12.6 12.5 18.7

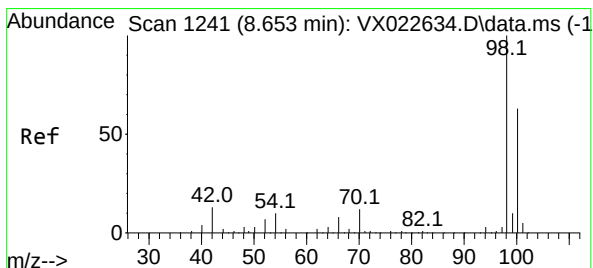
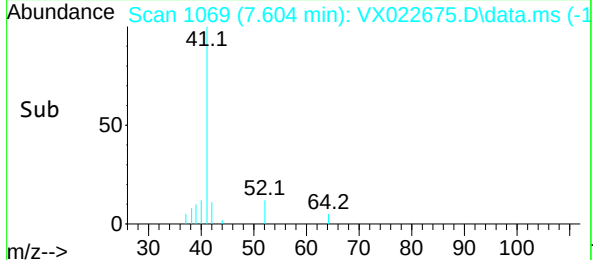
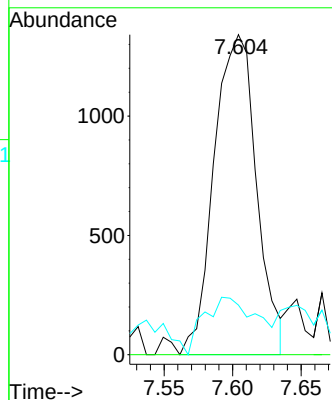
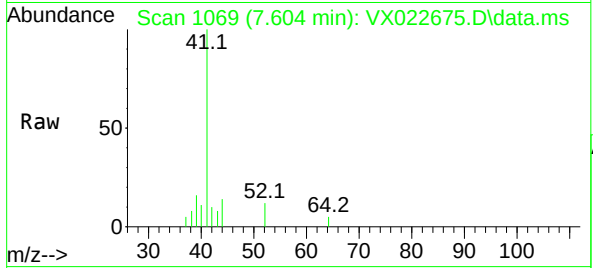




#48
Methyl methacrylate
Concen: 2.579 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.092 min
Lab File: VX022675.D
Acq: 11 Jun 2021 18:17

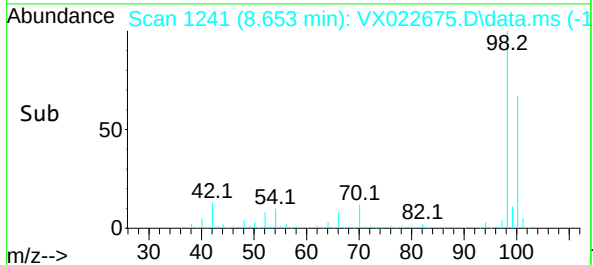
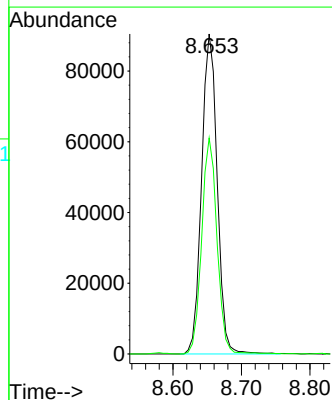
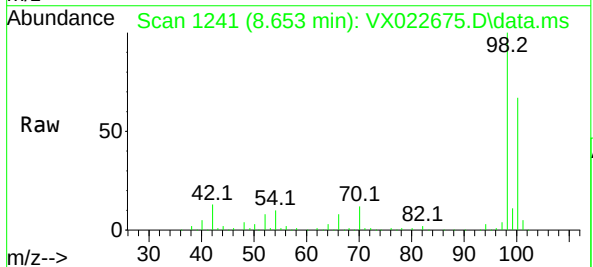
Instrument :
MSVOA_X
ClientSampleId :
17-B6(92-96)

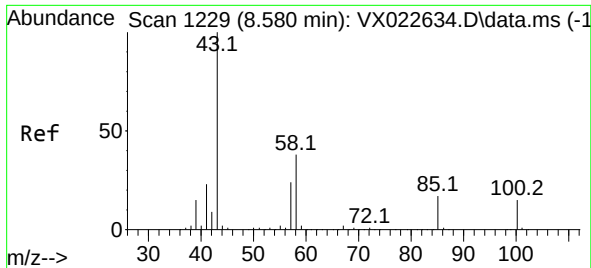
Tgt Ion: 41 Resp: 2888
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#



#50
Toluene-d8
Concen: 48.946 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022675.D
Acq: 11 Jun 2021 18:17

Tgt Ion: 98 Resp: 143601
Ion Ratio Lower Upper
98 100
100 66.3 51.9 77.9

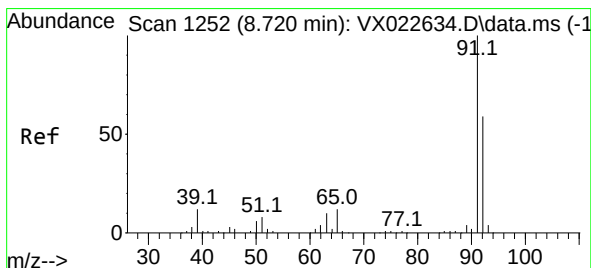
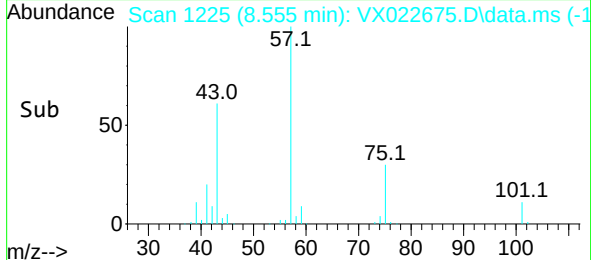
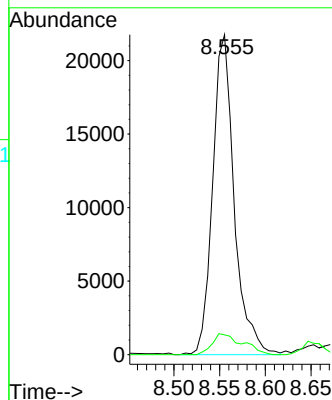
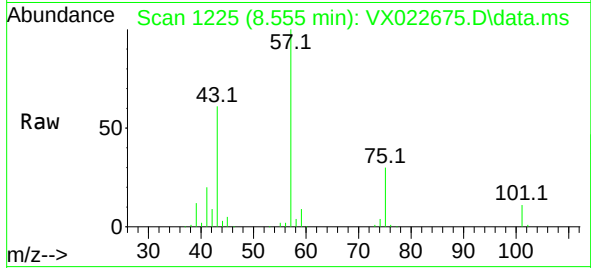




#51
4-Methyl-2-Pentanone
Concen: 24.063 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022675.D
Acq: 11 Jun 2021 18:17

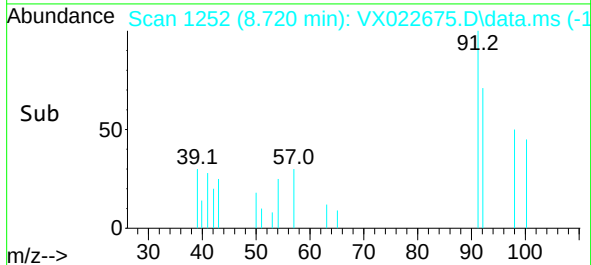
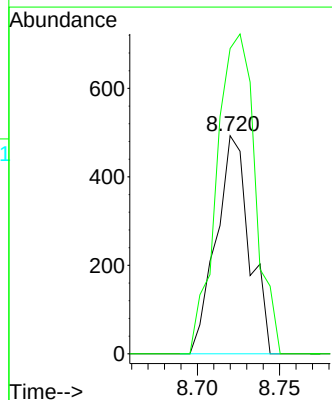
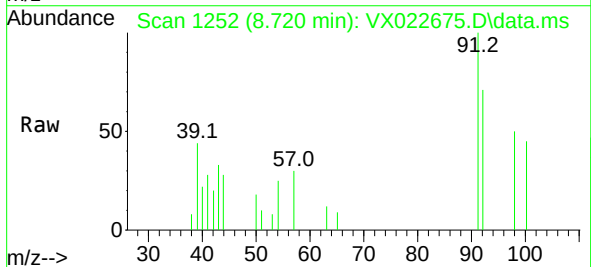
Instrument :
MSVOA_X
ClientSampleId :
17-B6(92-96)

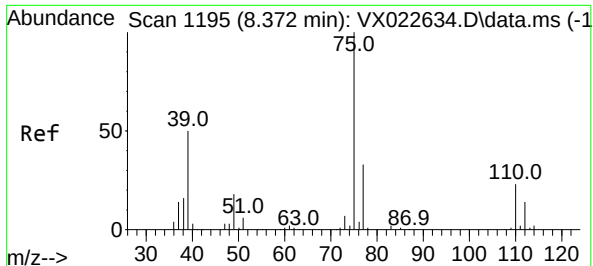
Tgt Ion: 43 Resp: 35634
Ion Ratio Lower Upper
43 100
58 9.2 35.4 53.0#



#52
Toluene
Concen: 0.322 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX022675.D
Acq: 11 Jun 2021 18:17

Tgt Ion: 92 Resp: 694
Ion Ratio Lower Upper
92 100
91 169.6 137.1 205.7

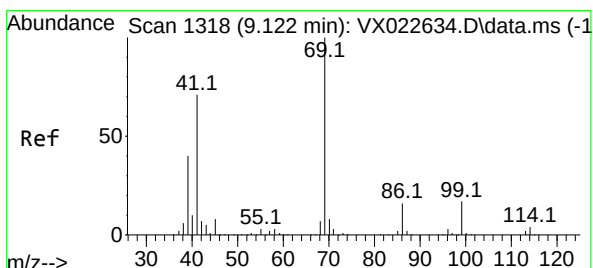
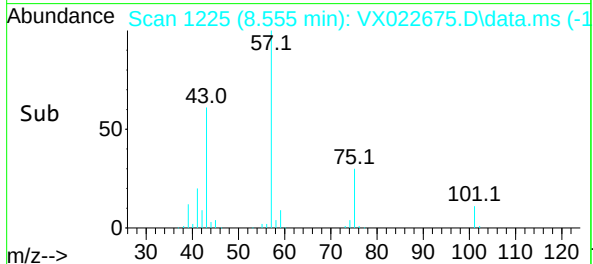
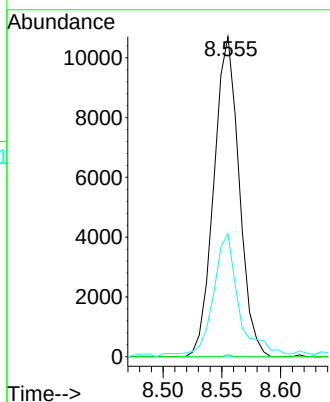
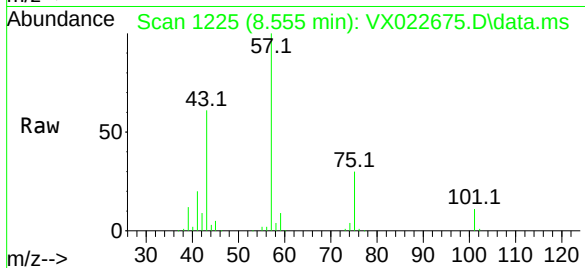




#54
cis-1,3-Dichloropropene
Concen: 12.281 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX022675.D
Acq: 11 Jun 2021 18:17

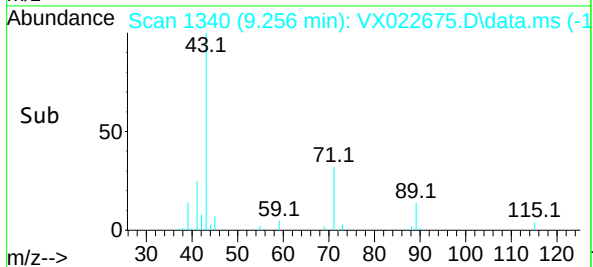
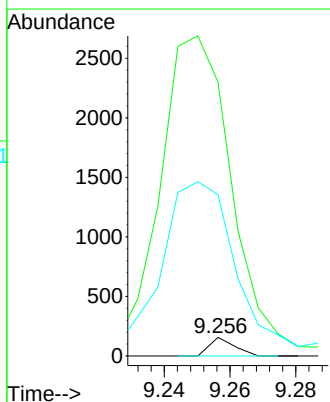
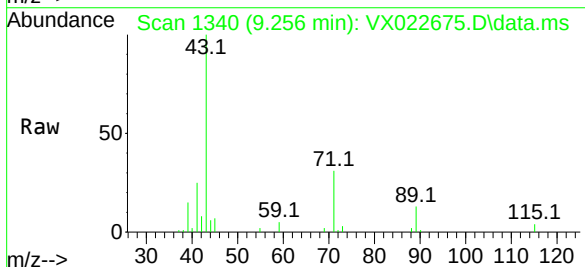
Instrument :
MSVOA_X
ClientSampleId :
17-B6(92-96)

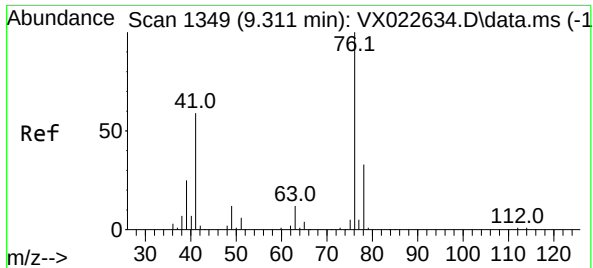
Tgt Ion: 75 Resp: 16006
Ion Ratio Lower Upper
75 100
77 0.6 25.7 38.5#
39 37.5 35.1 52.7



#56
Ethyl methacrylate
Concen: 2.342 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. 0.134 min
Lab File: VX022675.D
Acq: 11 Jun 2021 18:17

Tgt Ion: 69 Resp: 81
Ion Ratio Lower Upper
69 100
41 5081.5 46.8 70.2#
39 2934.6 24.7 37.1#

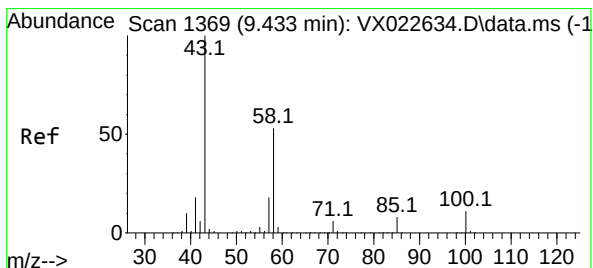
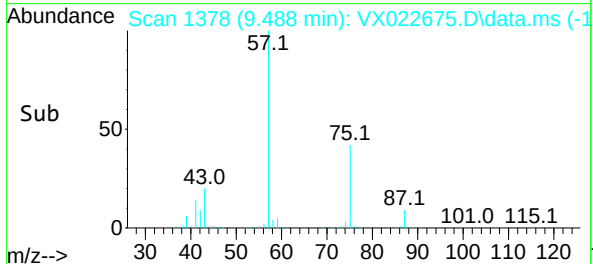
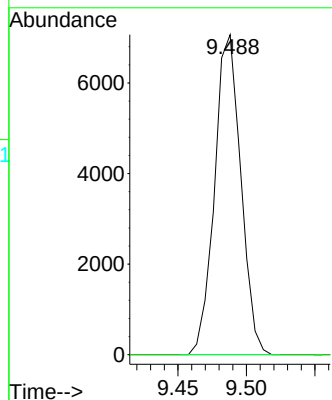
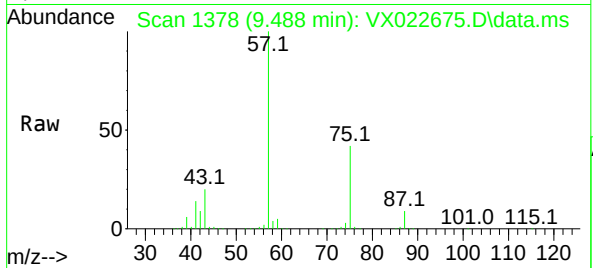




#57
1,3-Dichloropropane
Concen: 6.140 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022675.D
Acq: 11 Jun 2021 18:17

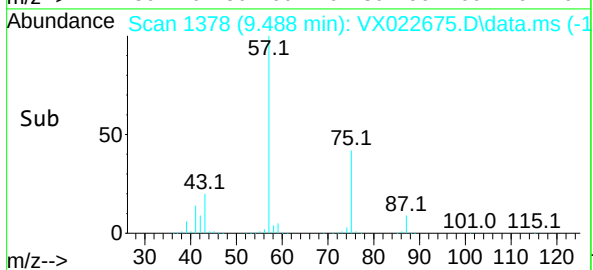
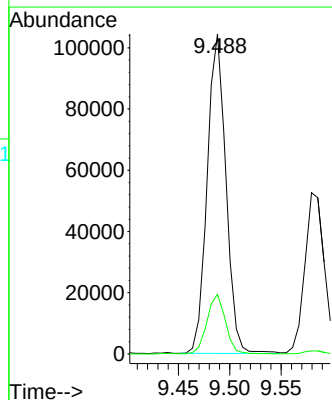
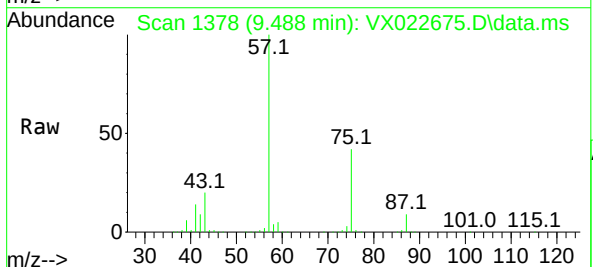
Instrument :
MSVOA_X
ClientSampleId :
17-B6(92-96)

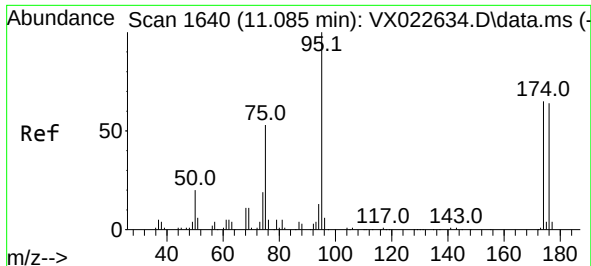
Tgt Ion: 76 Resp: 9404
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#



#59
2-Hexanone
Concen: 117.050 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX022675.D
Acq: 11 Jun 2021 18:17

Tgt Ion: 43 Resp: 132434
Ion Ratio Lower Upper
43 100
58 18.3 30.9 92.8#

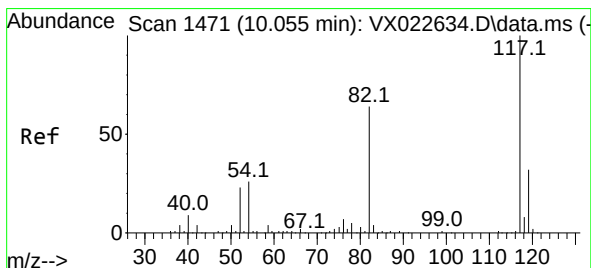
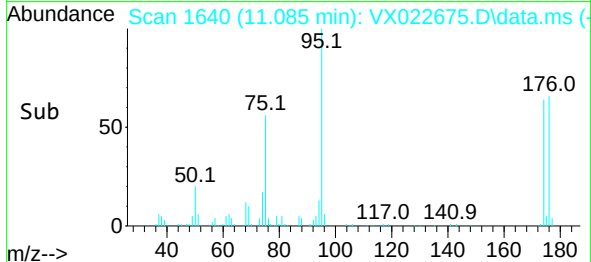
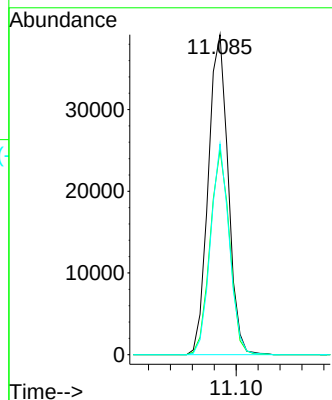
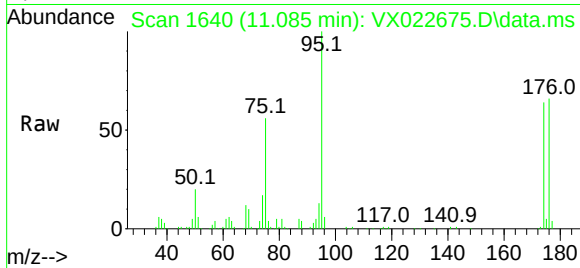




#62
4-Bromofluorobenzene
Concen: 44.453 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022675.D
Acq: 11 Jun 2021 18:17

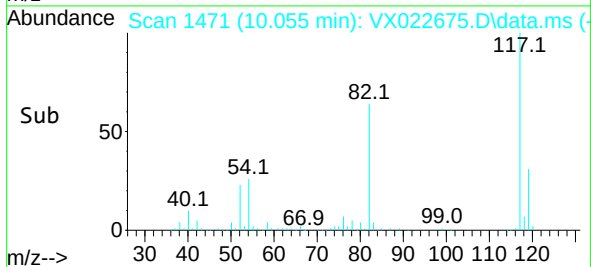
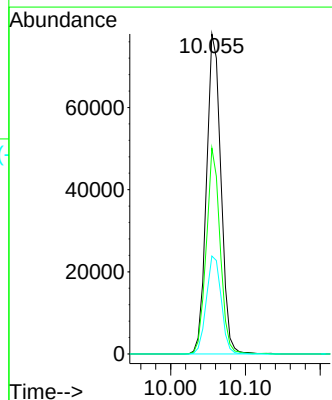
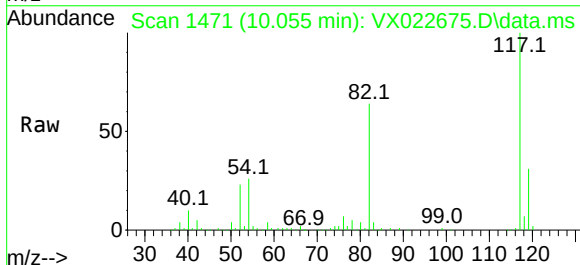
Instrument :
MSVOA_X
ClientSampleId :
17-B6(92-96)

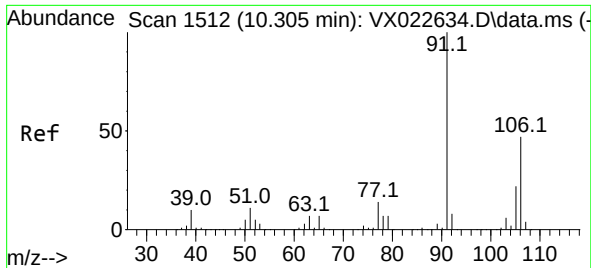
Tgt Ion: 95 Resp: 49325
Ion Ratio Lower Upper
95 100
174 62.8 0.0 154.6
176 61.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX022675.D
Acq: 11 Jun 2021 18:17

Tgt Ion: 117 Resp: 104543
Ion Ratio Lower Upper
117 100
82 64.4 47.4 71.2
119 30.6 26.6 39.8

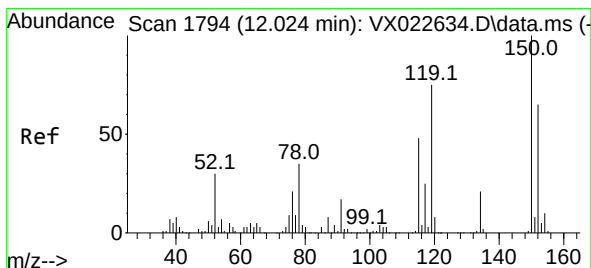
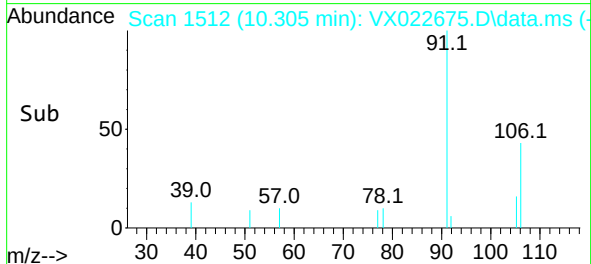
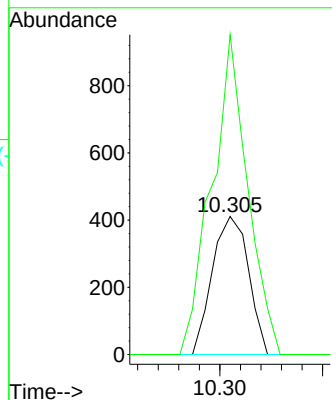
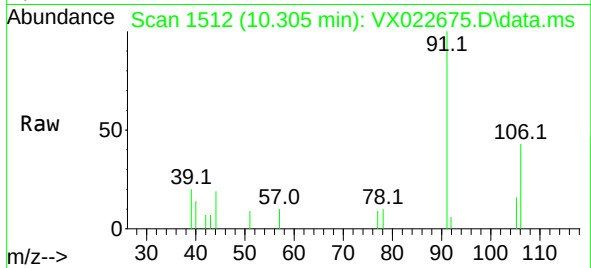




#68
m/p-Xylenes
Concen: 0.346 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX022675.D
Acq: 11 Jun 2021 18:17

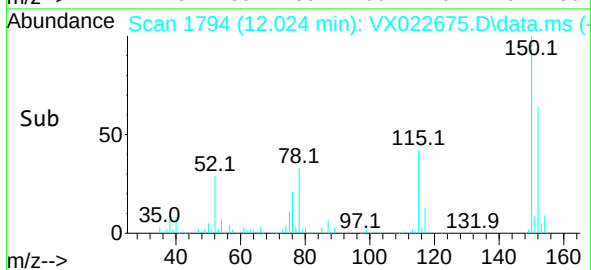
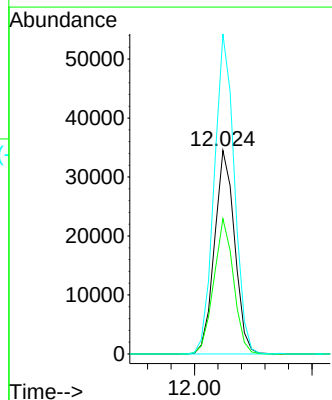
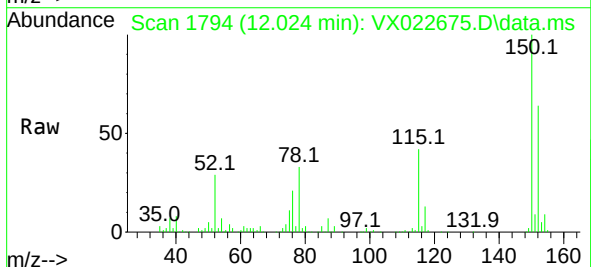
Instrument :
MSVOA_X
ClientSampleId :
17-B6(92-96)

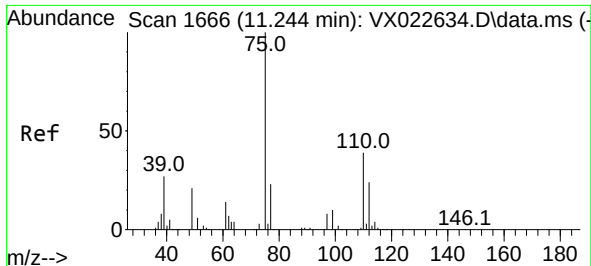
Tgt Ion:106 Resp: 502
Ion Ratio Lower Upper
106 100
91 230.9 162.8 244.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022675.D
Acq: 11 Jun 2021 18:17

Tgt Ion:152 Resp: 41036
Ion Ratio Lower Upper
152 100
115 65.3 41.1 123.3
150 156.8 0.0 349.0

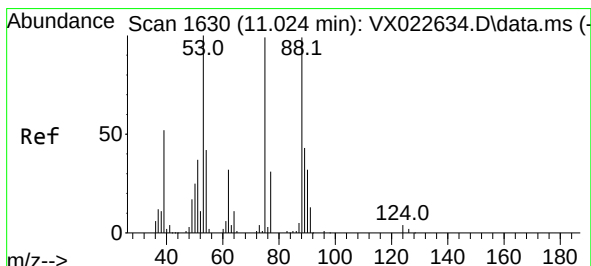
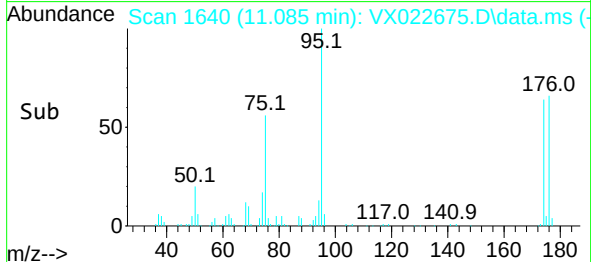
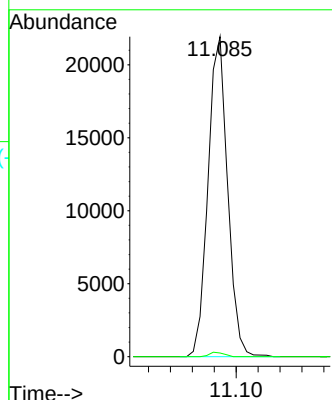
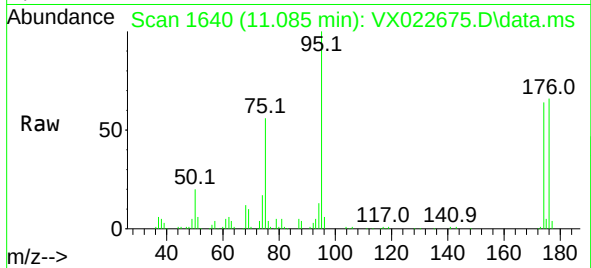




#76
1,2,3-Trichloropropane
Concen: 24.995 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022675.D
Acq: 11 Jun 2021 18:17

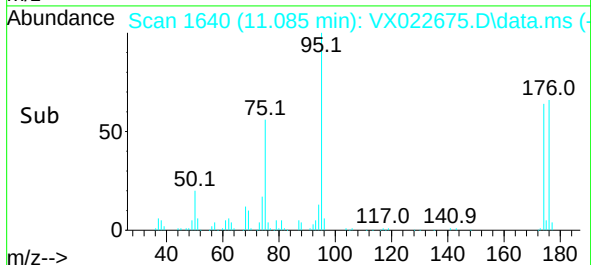
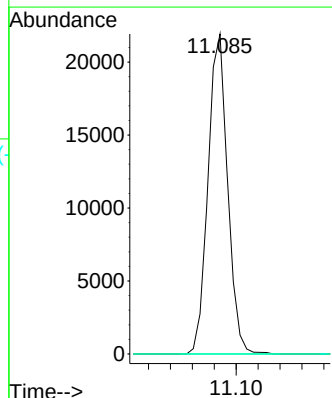
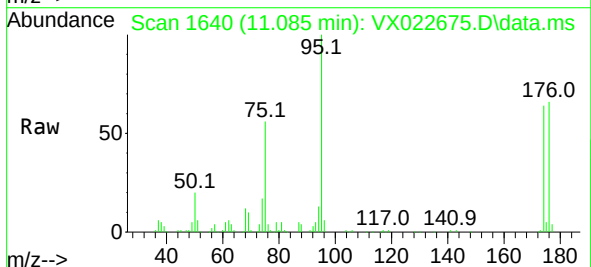
Instrument :
MSVOA_X
ClientSampleId :
17-B6(92-96)

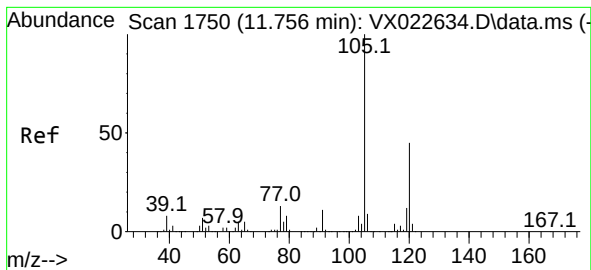
Tgt Ion: 75 Resp: 27195
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.935 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022675.D
Acq: 11 Jun 2021 18:17

Tgt Ion: 75 Resp: 27195
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

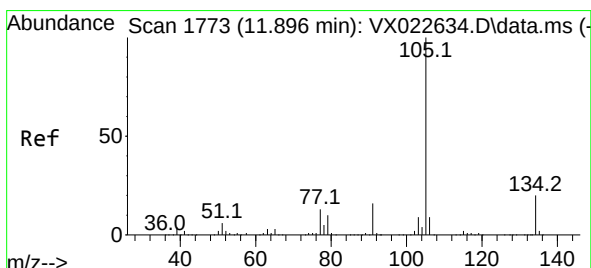
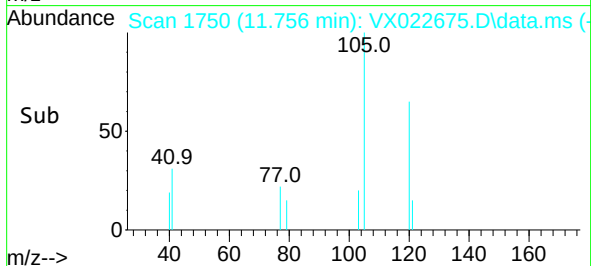
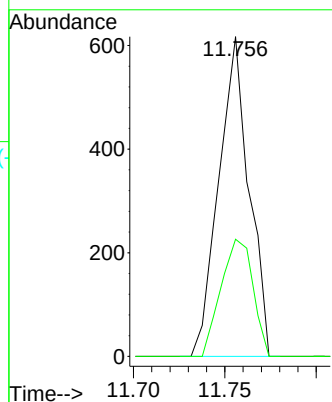
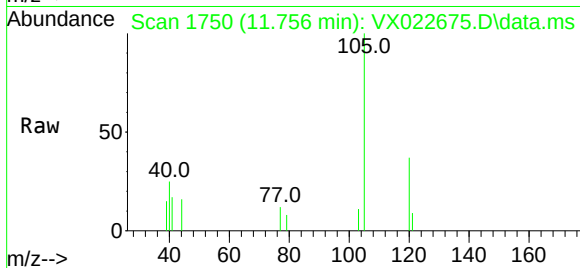




#84
1,2,4-Trimethylbenzene
Concen: 0.249 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX022675.D
Acq: 11 Jun 2021 18:17

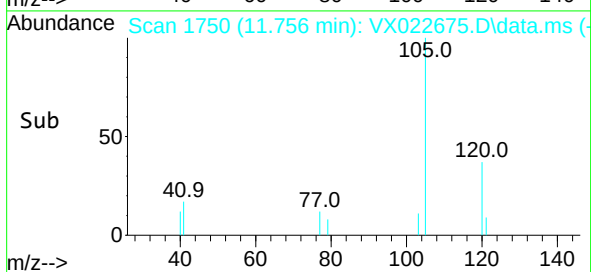
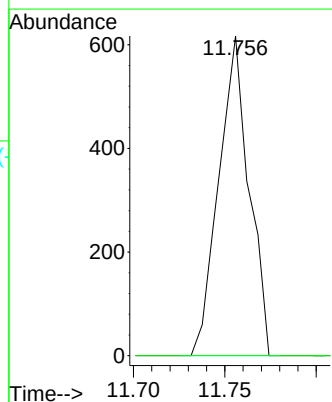
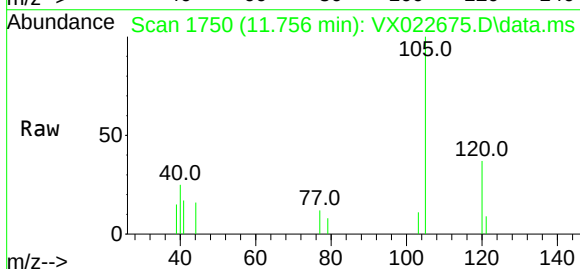
Instrument :
MSVOA_X
ClientSampleId :
17-B6(92-96)

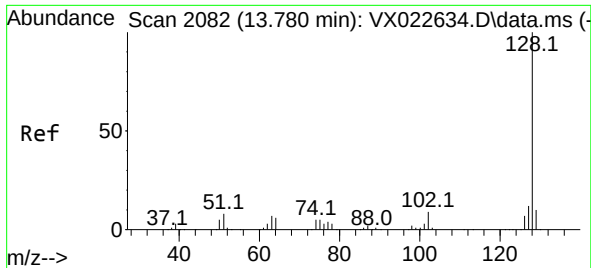
Tgt Ion:105 Resp: 709
Ion Ratio Lower Upper
105 100
120 38.6 22.4 67.3



#85
sec-Butylbenzene
Concen: 0.206 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.140 min
Lab File: VX022675.D
Acq: 11 Jun 2021 18:17

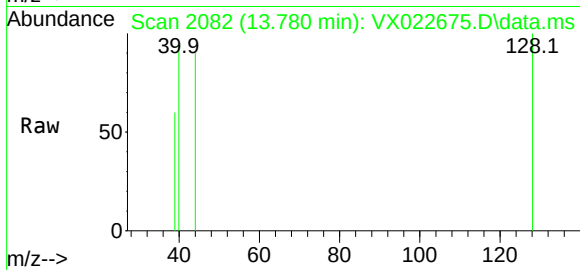
Tgt Ion:105 Resp: 709
Ion Ratio Lower Upper
105 100
134 0.0 10.0 29.8#





#95
Naphthalene
Concen: 1.538 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX022675.D
Acq: 11 Jun 2021 18:17

Instrument :
MSVOA_X
ClientSampleId :
17-B6(92-96)



Tgt Ion:128 Resp: 229
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

