

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060721\
 Data File : VU044068.D
 Acq On : 07 Jun 2021 20:16
 Operator : SY/MD
 Sample : M2580-34
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 18-B6(6-12)

Quant Time: Jun 08 05:45:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U060721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 08 05:21:34 2021
 Response via : Initial Calibration

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

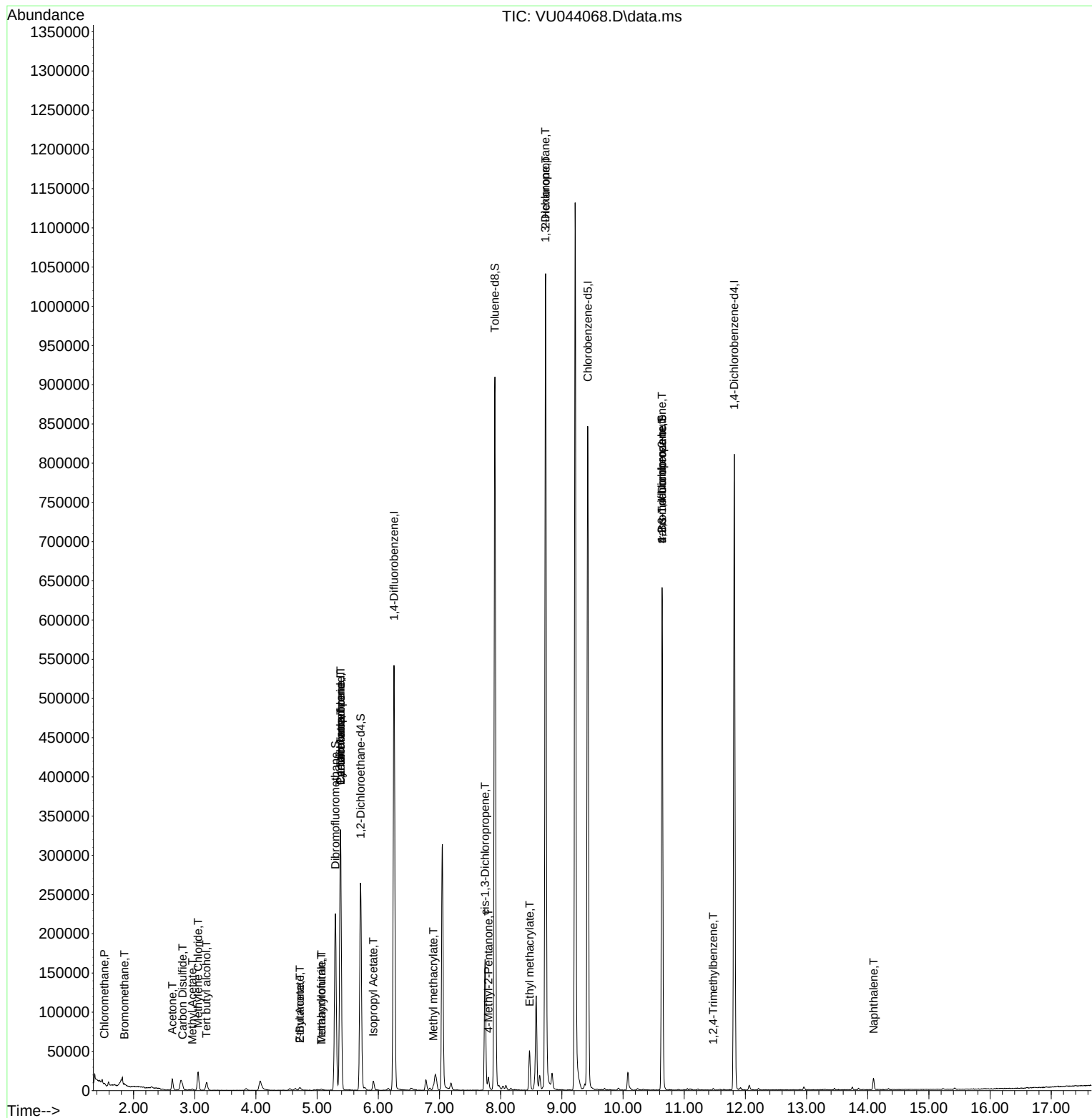
Internal Standards						
1) Pentafluorobenzene	5.382	168	212424	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	417818	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	436869	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	200481	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	194584	52.597	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.200%	
35) Dibromofluoromethane	5.298	113	147153	49.353	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.700%	
50) Toluene-d8	7.906	98	579110	50.354	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.700%	
62) 4-Bromofluorobenzene	10.639	95	217264	47.715	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.420%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	1136	0.259	ug/l #	78
5) Bromomethane	1.851	94	821	0.503	ug/l	93
11) Tert butyl alcohol	3.192	59	7042	7.678	ug/l #	72
16) Acetone	2.633	43	16694	7.818	ug/l	95
17) Carbon Disulfide	2.800	76	6028	0.692	ug/l	100
18) Methyl Acetate	2.961	43	2212	0.470	ug/l #	87
20) Methylene Chloride	3.054	84	10776	1.725	ug/l	97
25) 2-Butanone	4.716	43	6067	1.992	ug/l	93
29) Tetrahydrofuran	5.070	42	1081	0.639	ug/l #	67
31) Cyclohexane	5.382	56	5369	1.051	ug/l #	1
36) 1,1-Dichloropropene	5.382	75	20627	4.382	ug/l #	50
37) Ethyl Acetate	4.716	43	6067	1.023	ug/l #	68
38) Carbon Tetrachloride	5.382	117	22951	5.396	ug/l #	18
41) Methacrylonitrile	5.073	41	639	0.205	ug/l #	43
43) Isopropyl Acetate	5.919	43	12189	1.454	ug/l	98
48) Methyl methacrylate	6.899	41	8771	2.121	ug/l #	20
51) 4-Methyl-2-Pentanone	7.800	43	10809	1.736	ug/l	92
54) cis-1,3-Dichloropropene	7.745	75	29041	5.045	ug/l #	68
56) Ethyl methacrylate	8.472	69	207	3.416	ug/l #	1
57) 1,3-Dichloropropane	8.732	76	10488	1.655	ug/l #	42
59) 2-Hexanone	8.735	43	146469	30.267	ug/l #	50
76) 1,2,3-Trichloropropane	10.639	75	113971	20.322	ug/l #	43
81) trans-1,4-Dichloro-2-b...	10.639	75	113971	59.339	ug/l #	11
84) 1,2,4-Trimethylbenzene	11.475	105	1183	1.038	ug/l	89
95) Naphthalene	14.095	128	12402	3.701	ug/l	97

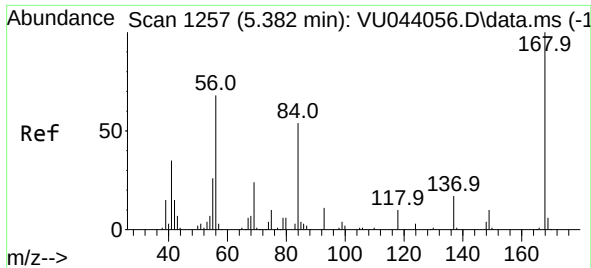
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060721\
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Instrument :
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ClientSampleId :
18-B6(6-12)

Quant Time: Jun 08 05:45:40 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U060721W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 08 05:21:34 2021
Response via : Initial Calibration

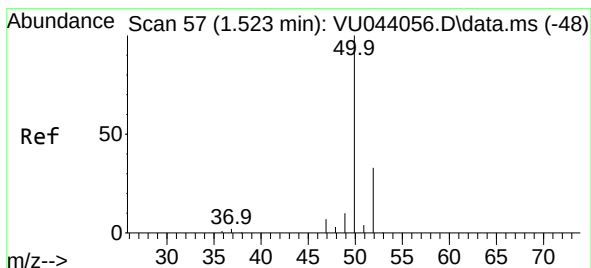
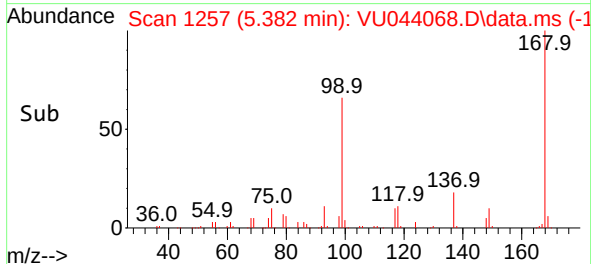
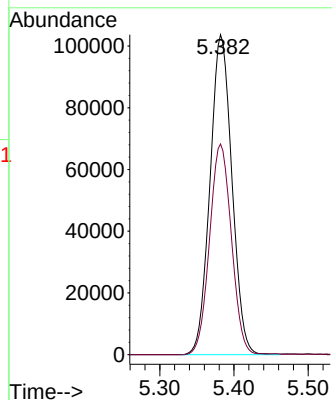
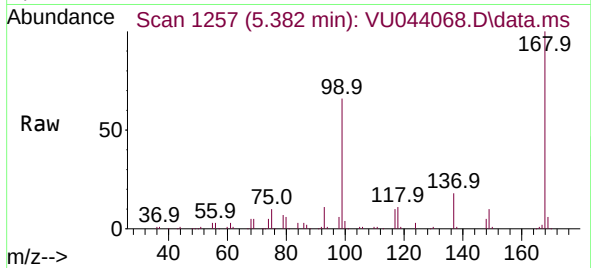




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU044068.D
Acq: 07 Jun 2021 20:16

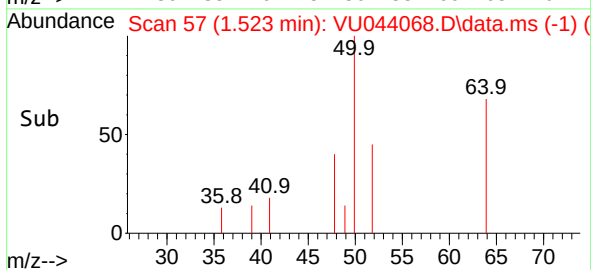
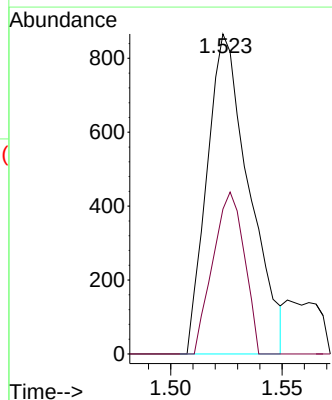
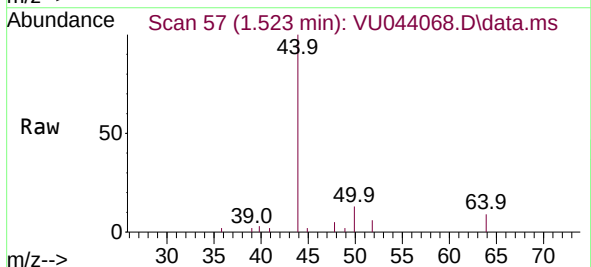
Instrument :
MSVOA_U
ClientSampled :
18-B6(6-12)

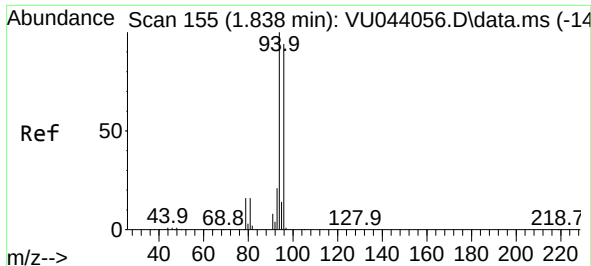
Tgt Ion:168 Resp: 212424
Ion Ratio Lower Upper
168 100
99 65.8 52.6 78.8



#3
Chloromethane
Concen: 0.259 ug/l
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU044068.D
Acq: 07 Jun 2021 20:16

Tgt Ion: 50 Resp: 1136
Ion Ratio Lower Upper
50 100
52 45.3 26.2 39.2#

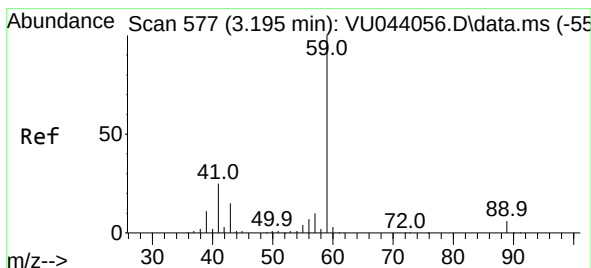
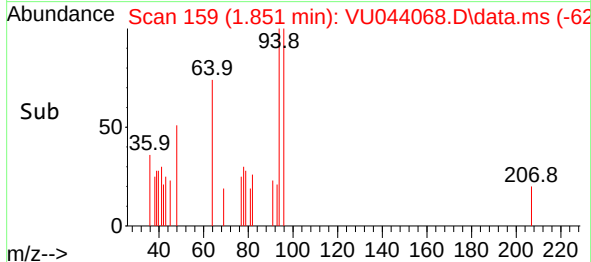
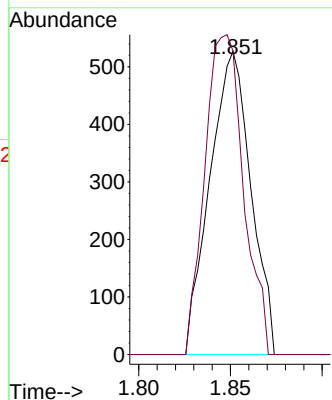
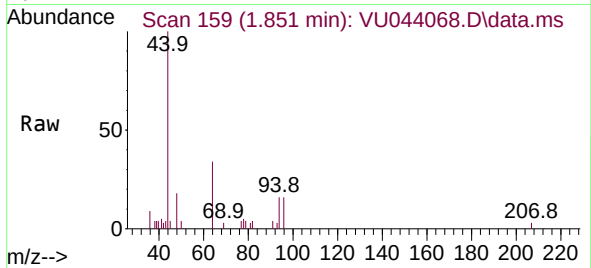




#5
Bromomethane
Concen: 0.503 ug/l
RT: 1.851 min Scan# 159
Delta R.T. 0.013 min
Lab File: VU044068.D
Acq: 07 Jun 2021 20:16

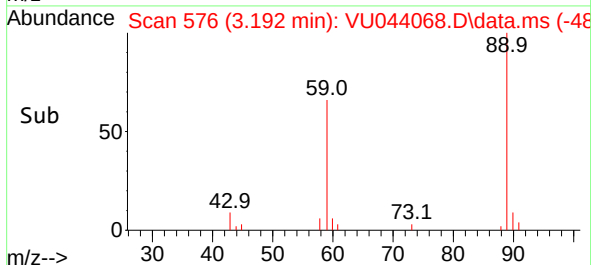
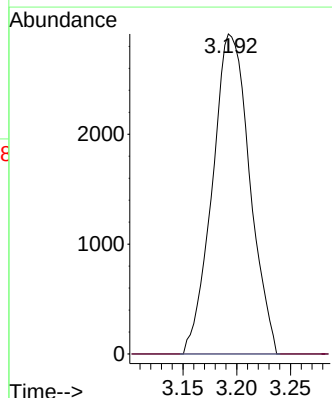
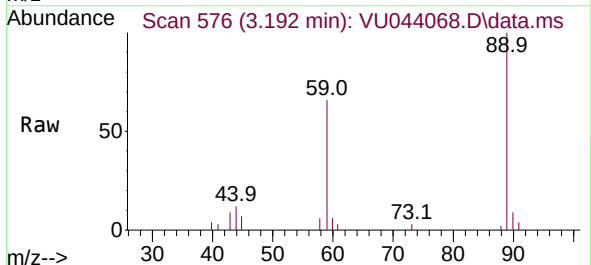
Instrument :
MSVOA_U
ClientSampled :
18-B6(6-12)

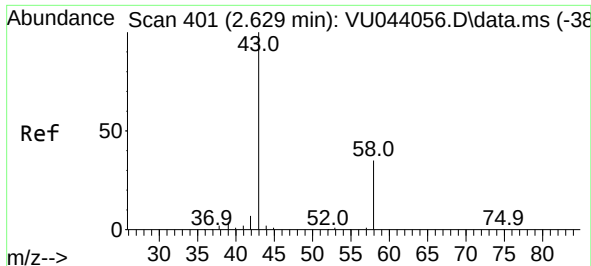
Tgt Ion: 94 Resp: 821
Ion Ratio Lower Upper
94 100
96 100.2 74.8 112.2



#11
Tert butyl alcohol
Concen: 7.678 ug/l
RT: 3.192 min Scan# 576
Delta R.T. -0.003 min
Lab File: VU044068.D
Acq: 07 Jun 2021 20:16

Tgt Ion: 59 Resp: 7042
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

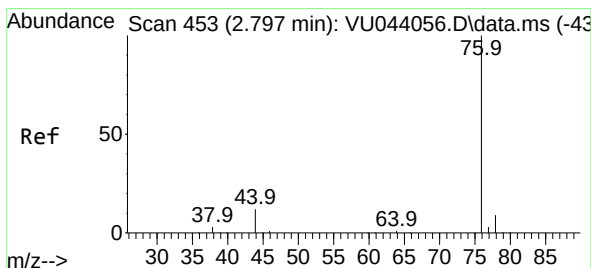
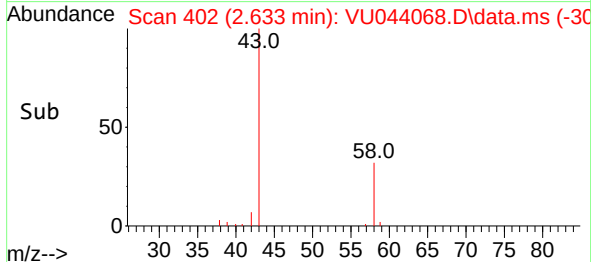
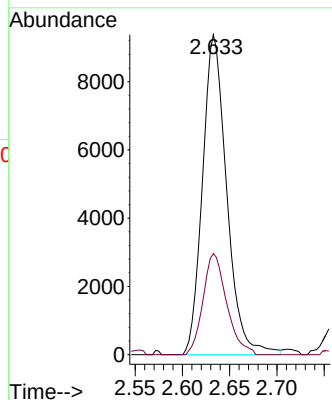
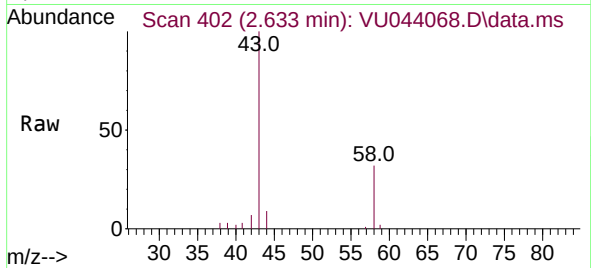




#16
Acetone
Concen: 7.818 ug/l
RT: 2.633 min Scan# 402
Delta R.T. 0.003 min
Lab File: VU044068.D
Acq: 07 Jun 2021 20:16

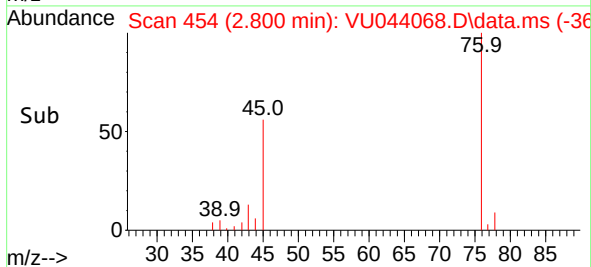
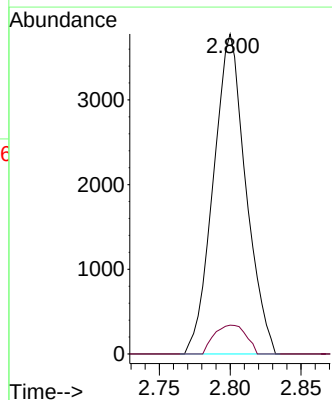
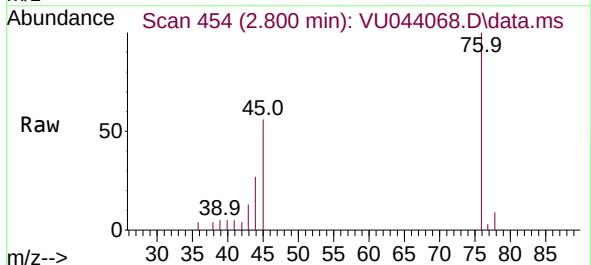
Instrument :
MSVOA_U
ClientSampleId :
18-B6(6-12)

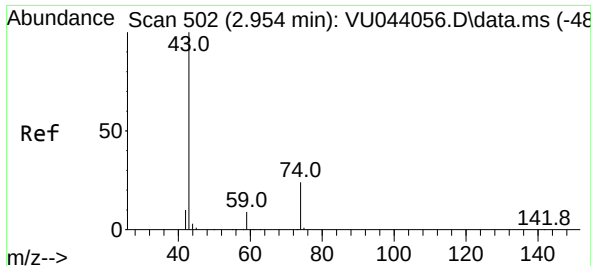
Tgt Ion: 43 Resp: 16694
Ion Ratio Lower Upper
43 100
58 31.6 27.7 41.5



#17
Carbon Disulfide
Concen: 0.692 ug/l
RT: 2.800 min Scan# 454
Delta R.T. 0.003 min
Lab File: VU044068.D
Acq: 07 Jun 2021 20:16

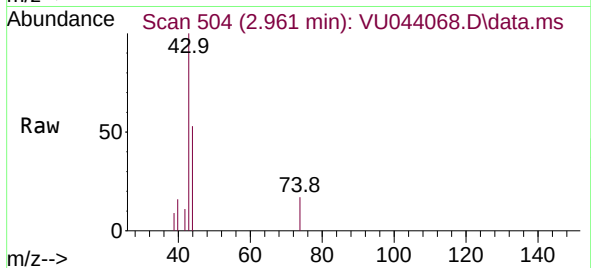
Tgt Ion: 76 Resp: 6028
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



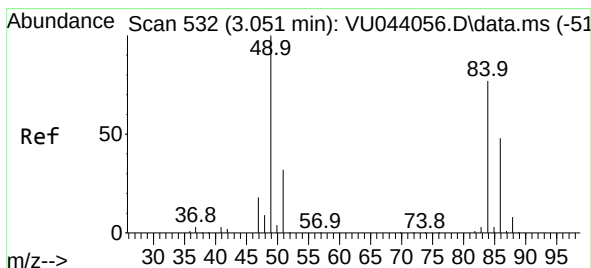
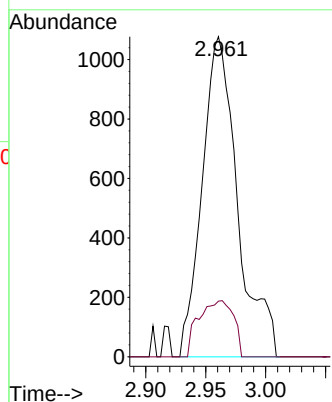
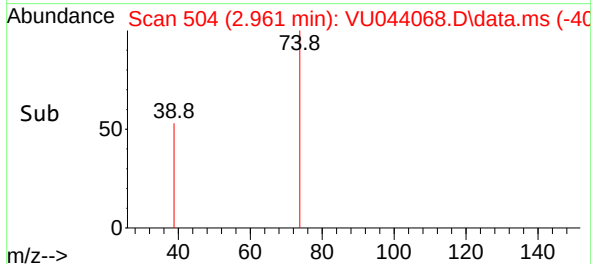


#18
Methyl Acetate
Concen: 0.470 ug/l
RT: 2.961 min Scan# 504
Delta R.T. 0.006 min
Lab File: VU044068.D
Acq: 07 Jun 2021 20:16

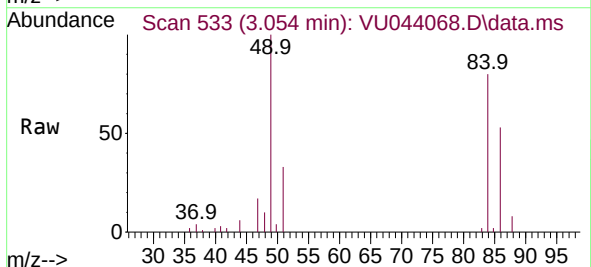
Instrument :
MSVOA_U
ClientSampled :
18-B6(6-12)



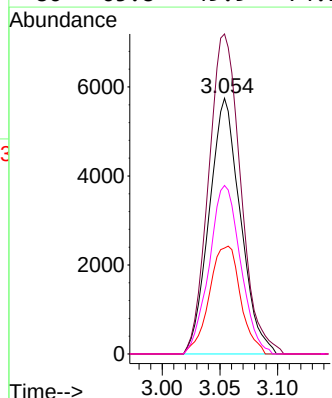
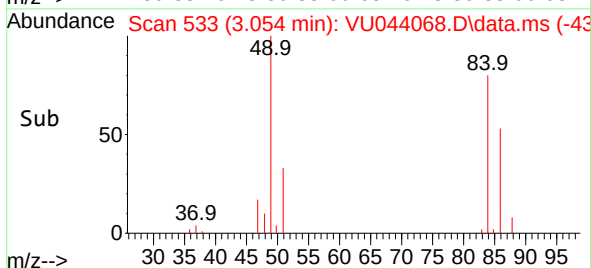
Tgt Ion: 43 Resp: 2212
Ion Ratio Lower Upper
43 100
74 17.2 18.7 28.1#

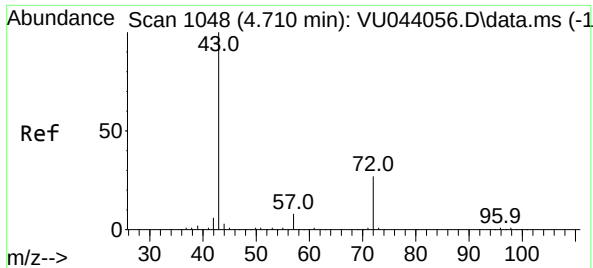


#20
Methylene Chloride
Concen: 1.725 ug/l
RT: 3.054 min Scan# 533
Delta R.T. 0.003 min
Lab File: VU044068.D
Acq: 07 Jun 2021 20:16



Tgt Ion: 84 Resp: 10776
Ion Ratio Lower Upper
84 100
49 125.1 103.6 155.4
51 41.4 32.8 49.2
86 65.8 49.9 74.9





#25

2-Butanone

Concen: 1.992 ug/l

RT: 4.716 min Scan# 1050

Delta R.T. 0.006 min

Lab File: VU044068.D

Acq: 07 Jun 2021 20:16

Tgt Ion: 43 Resp: 6067

Ion Ratio Lower Upper

43 100

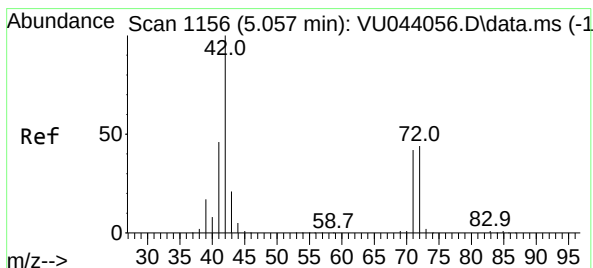
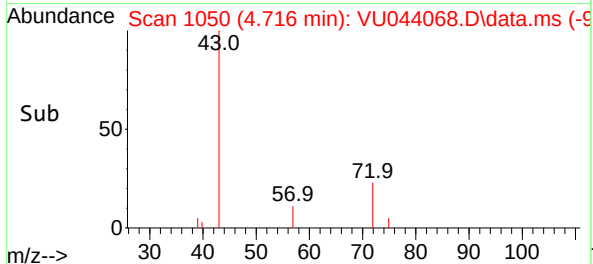
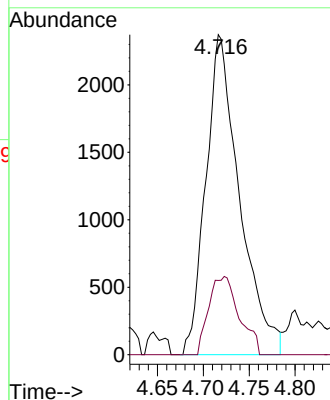
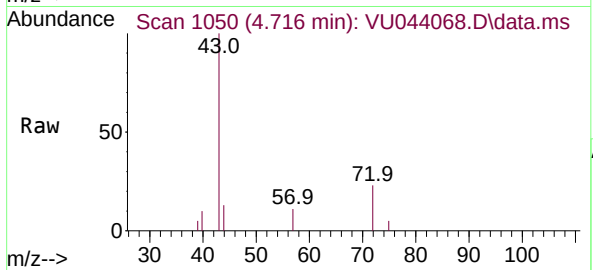
72 23.2 21.4 32.2

Instrument :

MSVOA_U

ClientSampled :

18-B6(6-12)



#29

Tetrahydrofuran

Concen: 0.639 ug/l

RT: 5.070 min Scan# 1160

Delta R.T. 0.013 min

Lab File: VU044068.D

Acq: 07 Jun 2021 20:16

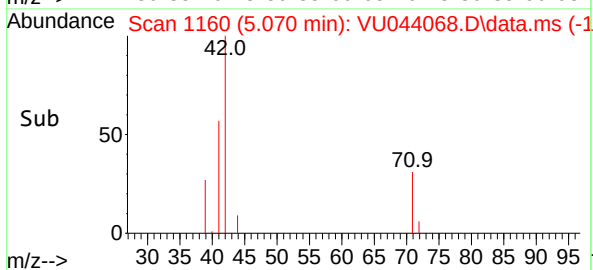
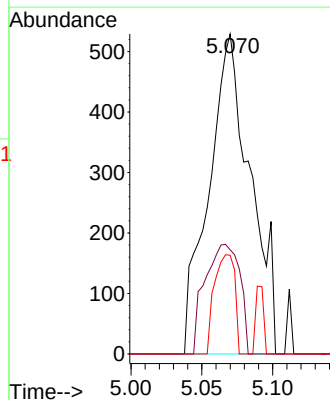
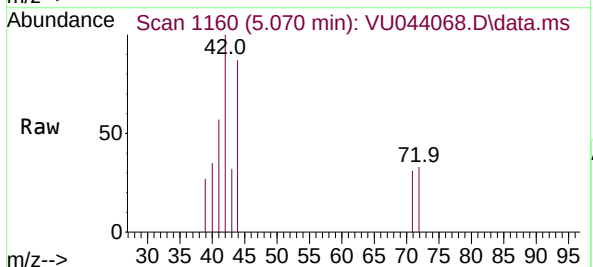
Tgt Ion: 42 Resp: 1081

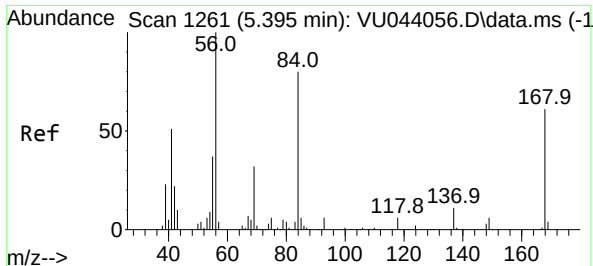
Ion Ratio Lower Upper

42 100

72 28.5 35.6 53.4#

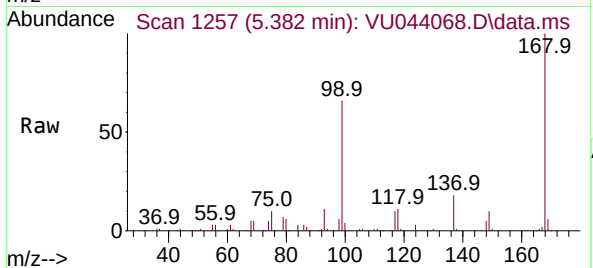
71 15.1 33.3 49.9#



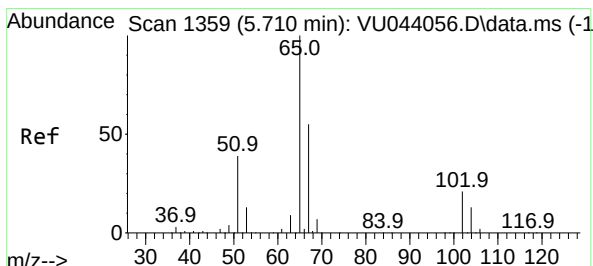
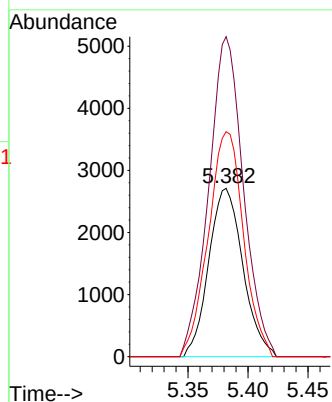
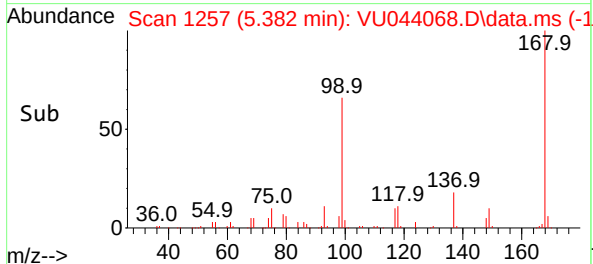


#31
Cyclohexane
Concen: 1.051 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.013 min
Lab File: VU044068.D
Acq: 07 Jun 2021 20:16

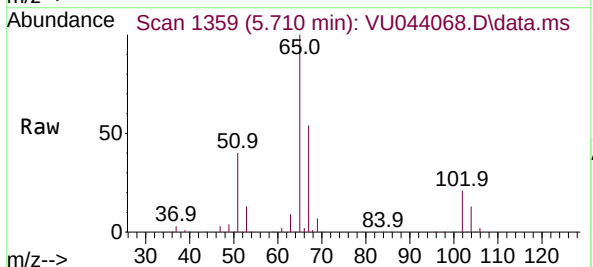
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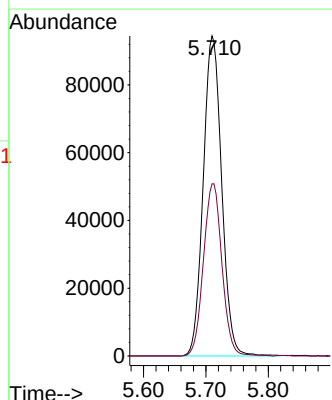
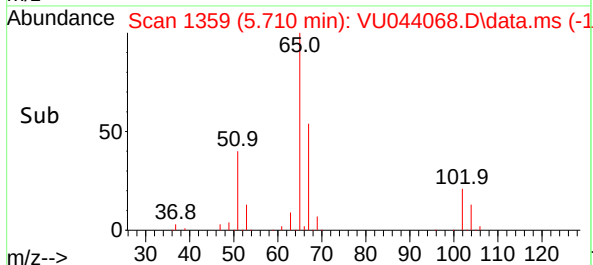
Tgt Ion: 56 Resp: 5369
Ion Ratio Lower Upper
56 100
69 190.1 25.4 38.2#
84 133.7 64.2 96.2#

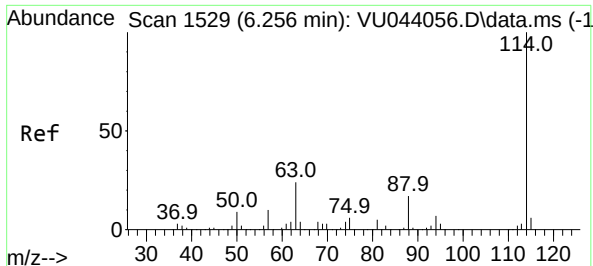


#33
1,2-Dichloroethane-d4
Concen: 52.597 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VU044068.D
Acq: 07 Jun 2021 20:16



Tgt Ion: 65 Resp: 194584
Ion Ratio Lower Upper
65 100
67 53.9 0.0 109.2

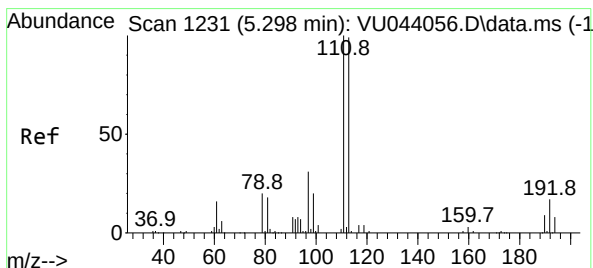
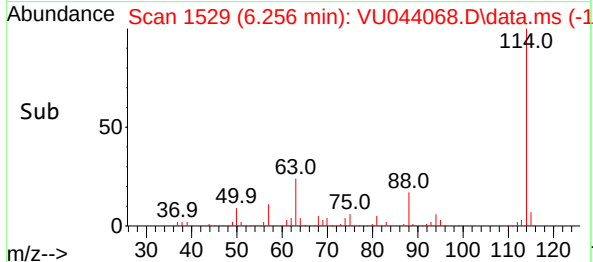
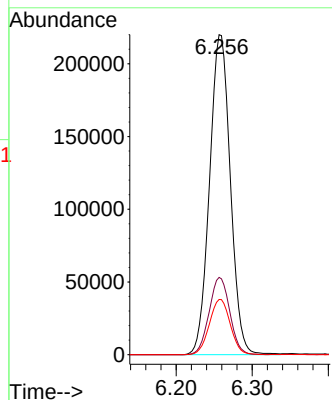
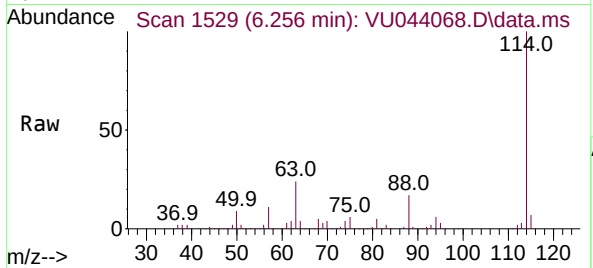




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU044068.D
Acq: 07 Jun 2021 20:16

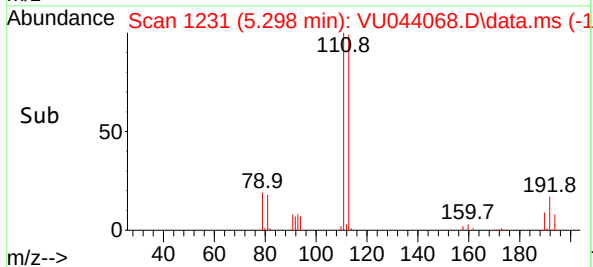
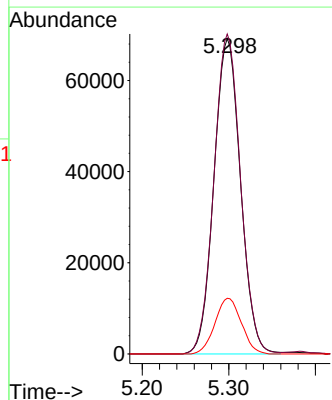
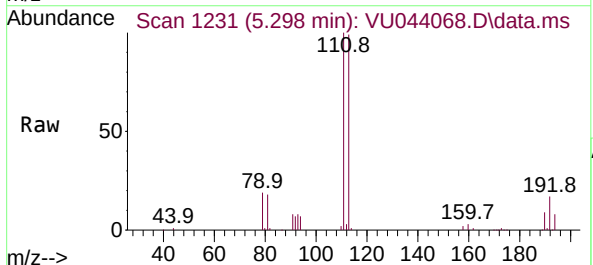
Instrument :
MSVOA_U
ClientSampled :
18-B6(6-12)

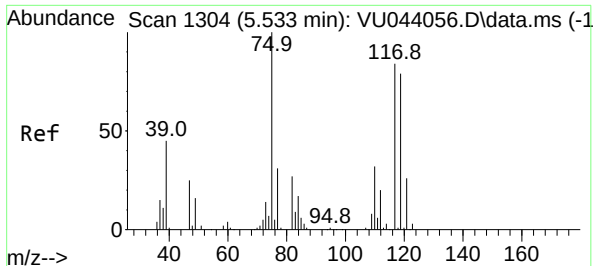
Tgt Ion:114 Resp: 417818
Ion Ratio Lower Upper
114 100
63 24.2 0.0 48.4
88 17.3 0.0 34.4



#35
Dibromofluoromethane
Concen: 49.353 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU044068.D
Acq: 07 Jun 2021 20:16

Tgt Ion:113 Resp: 147153
Ion Ratio Lower Upper
113 100
111 101.6 82.1 123.1
192 17.6 13.8 20.8

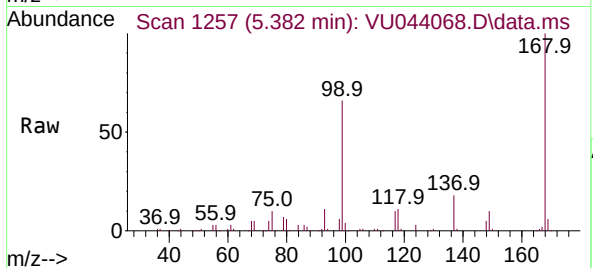




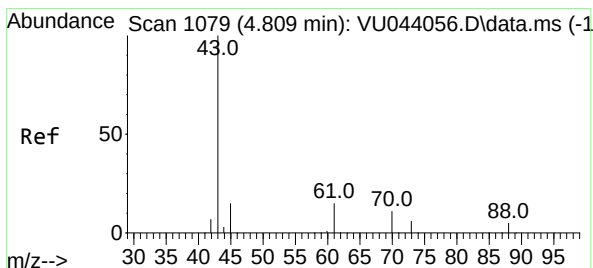
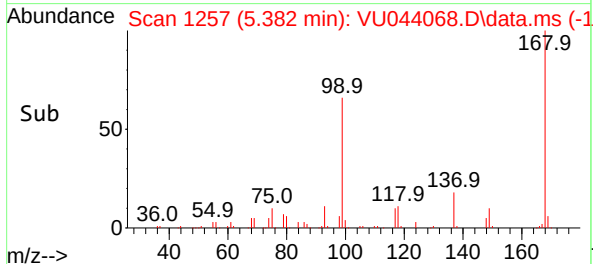
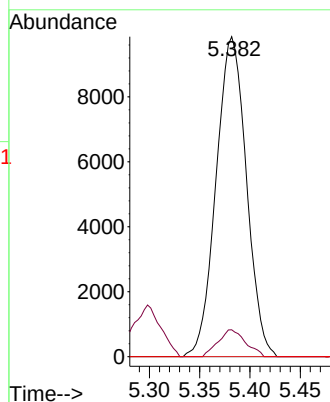
#36

1,1-Dichloropropene
Concen: 4.382 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU044068.D
Acq: 07 Jun 2021 20:16

Instrument :
MSVOA_U
ClientSampled :
18-B6(6-12)



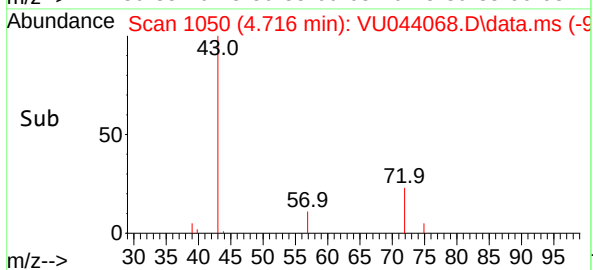
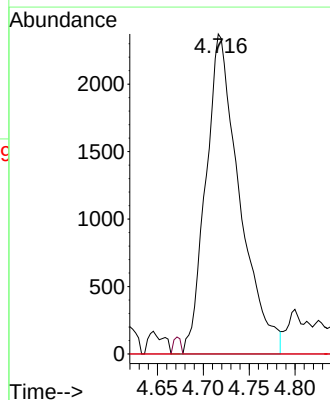
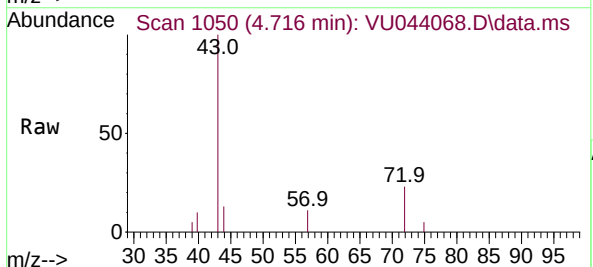
Tgt Ion:	75	Resp:	20627
Ion	Ratio	Lower	Upper
75	100		
110	7.6	15.9	47.7#
77	0.0	25.0	37.4#

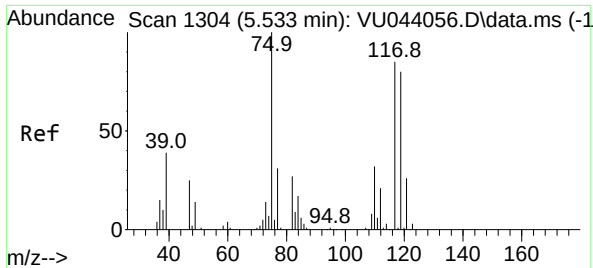


#37

Ethyl Acetate
Concen: 1.023 ug/l
RT: 4.716 min Scan# 1050
Delta R.T. -0.093 min
Lab File: VU044068.D
Acq: 07 Jun 2021 20:16

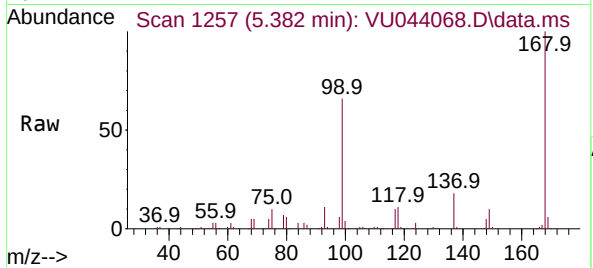
Tgt Ion:	43	Resp:	6067
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.4	17.2#
70	0.0	8.6	12.8#



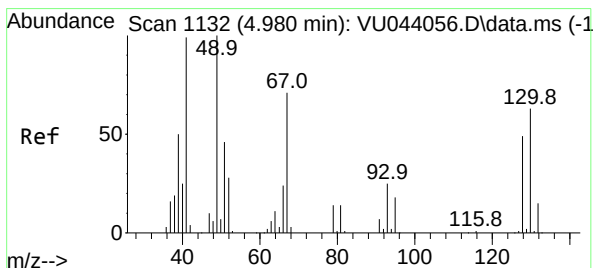
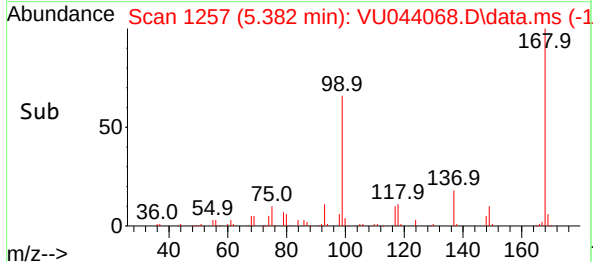
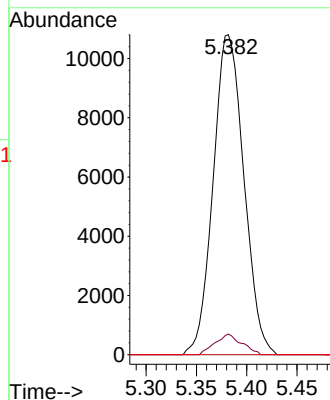


#38
Carbon Tetrachloride
Concen: 5.396 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU044068.D
Acq: 07 Jun 2021 20:16

Instrument :
MSVOA_U
ClientSampled :
18-B6(6-12)

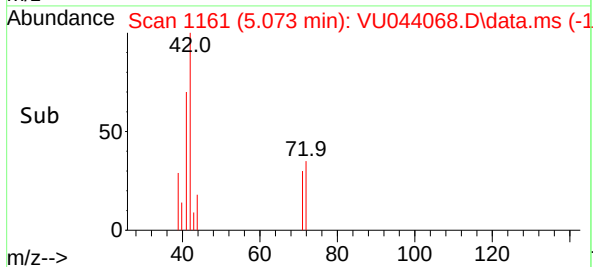
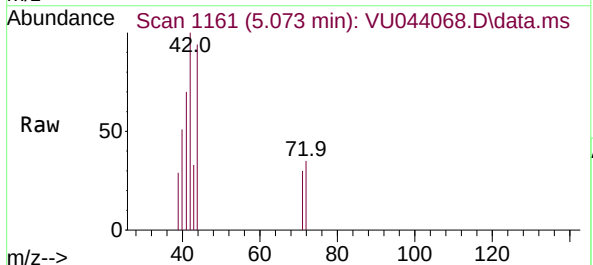
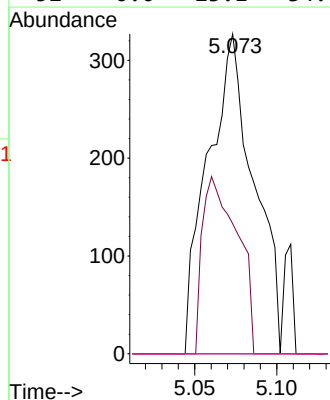


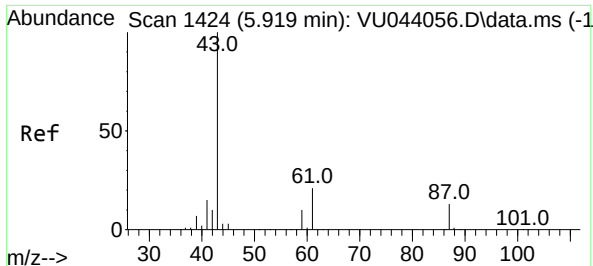
Tgt Ion:117 Resp: 22951
Ion Ratio Lower Upper
117 100
119 6.5 75.4 113.2#
121 0.0 24.5 36.7#



#41
Methacrylonitrile
Concen: 0.205 ug/l
RT: 5.073 min Scan# 1161
Delta R.T. 0.093 min
Lab File: VU044068.D
Acq: 07 Jun 2021 20:16

Tgt Ion: 41 Resp: 639
Ion Ratio Lower Upper
41 100
39 41.9 41.4 62.2
67 0.0 59.4 89.2#
52 0.0 23.1 34.7#





#43

Isopropyl Acetate

Concen: 1.454 ug/l

RT: 5.919 min Scan# 1424

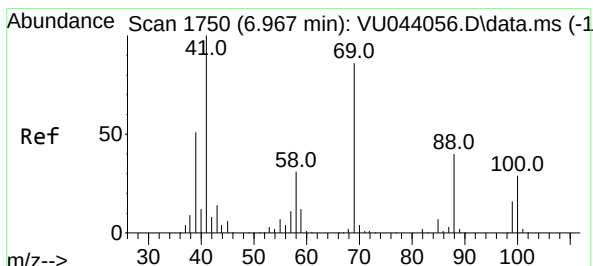
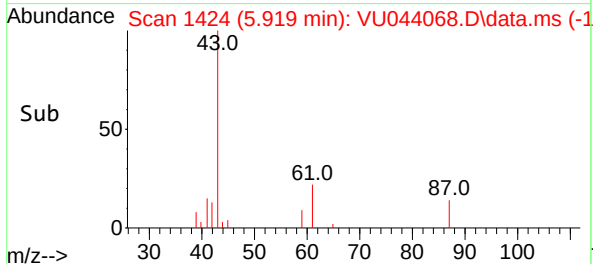
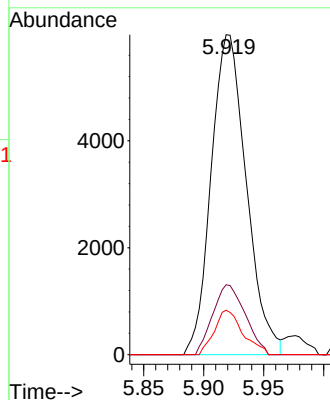
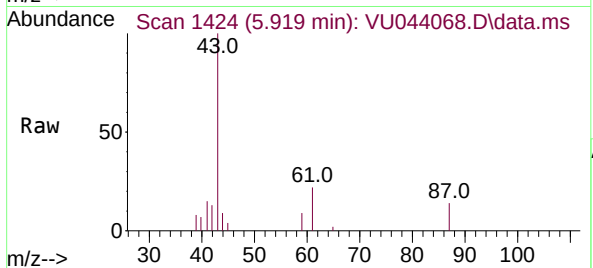
Delta R.T. 0.000 min

Lab File: VU044068.D

Acq: 07 Jun 2021 20:16

Tgt Ion:	43	Resp:	12189
Ion	Ratio	Lower	Upper
43	100		
61	20.2	16.8	25.2
87	11.2	10.2	15.2

Instrument :
MSVOA_U
ClientSampled :
18-B6(6-12)



#48

Methyl methacrylate

Concen: 2.121 ug/l

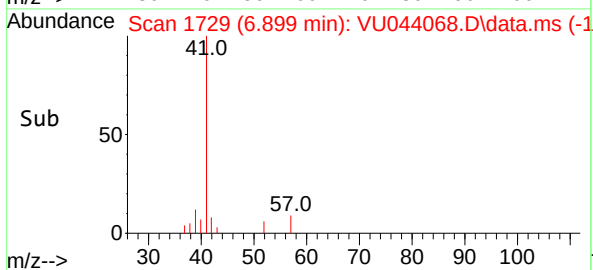
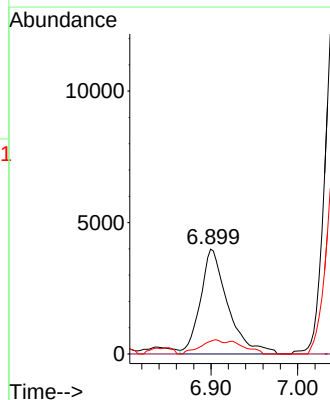
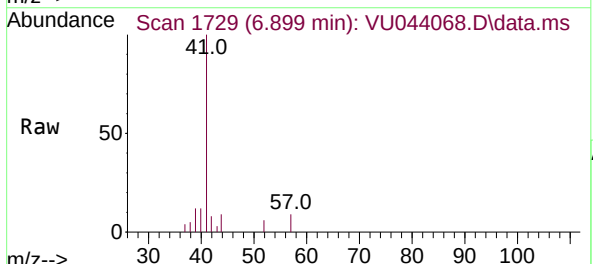
RT: 6.899 min Scan# 1729

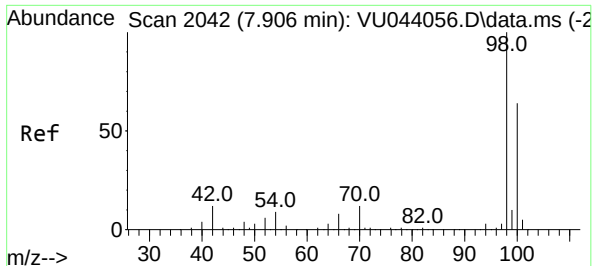
Delta R.T. -0.068 min

Lab File: VU044068.D

Acq: 07 Jun 2021 20:16

Tgt Ion:	41	Resp:	8771
Ion	Ratio	Lower	Upper
41	100		
69	0.0	68.9	103.3#
39	11.2	40.6	60.8#

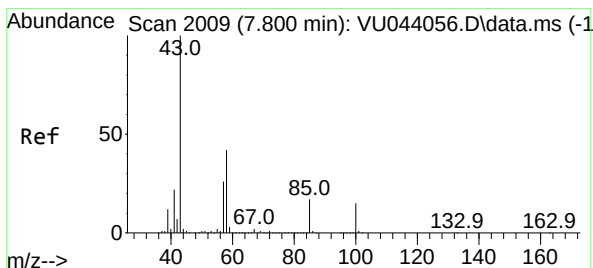
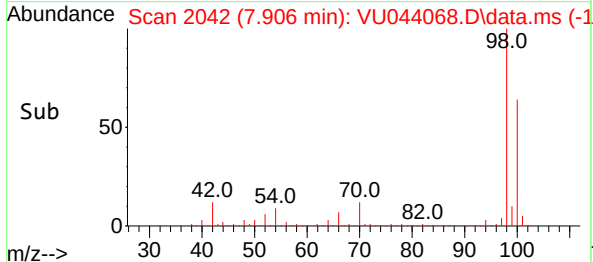
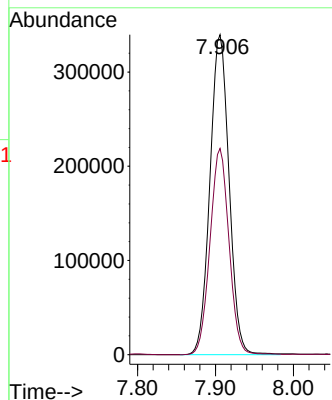
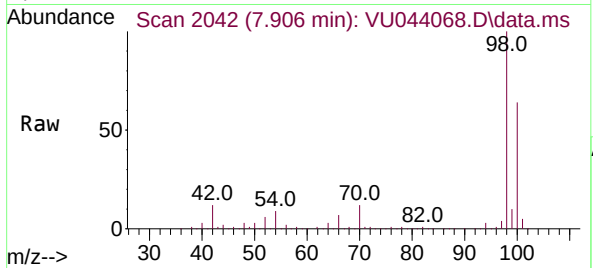




#50
Toluene-d8
Concen: 50.354 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. 0.000 min
Lab File: VU044068.D
Acq: 07 Jun 2021 20:16

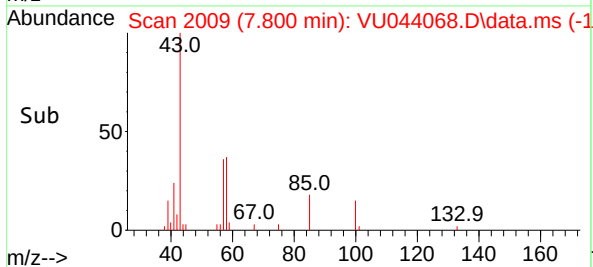
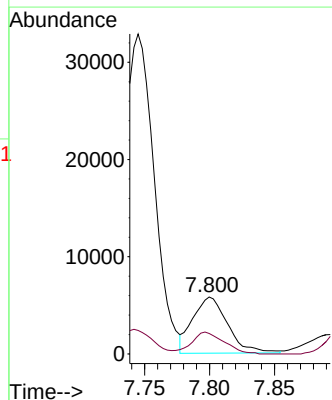
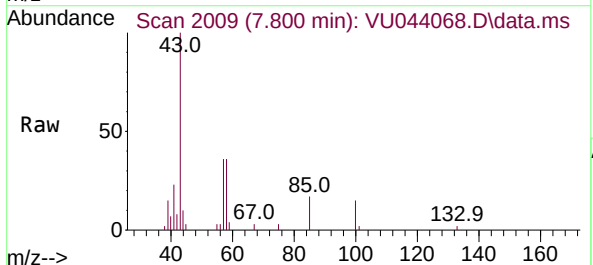
Instrument :
MSVOA_U
ClientSampled :
18-B6(6-12)

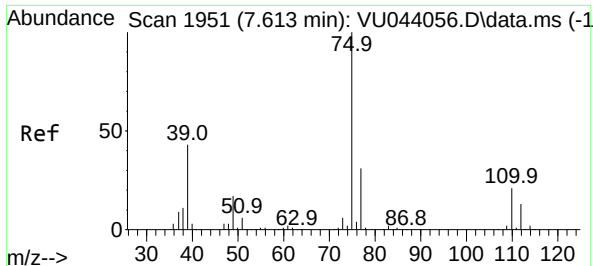
Tgt Ion: 98 Resp: 579110
Ion Ratio Lower Upper
98 100
100 64.1 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 1.736 ug/l
RT: 7.800 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VU044068.D
Acq: 07 Jun 2021 20:16

Tgt Ion: 43 Resp: 10809
Ion Ratio Lower Upper
43 100
58 36.5 33.3 49.9

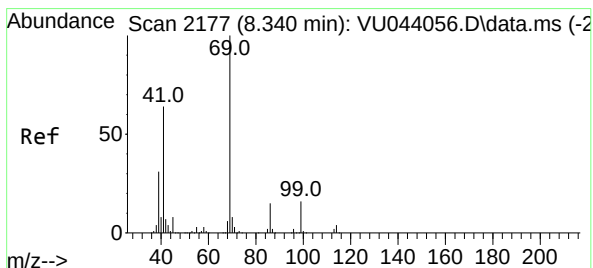
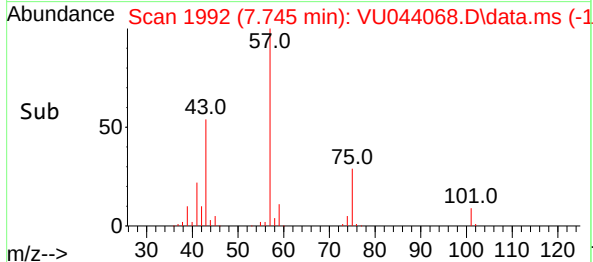
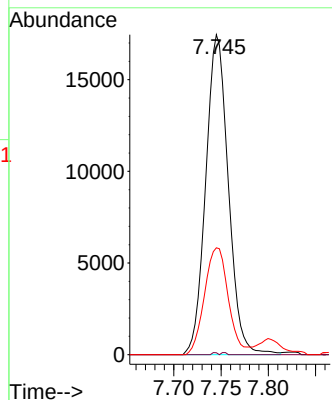
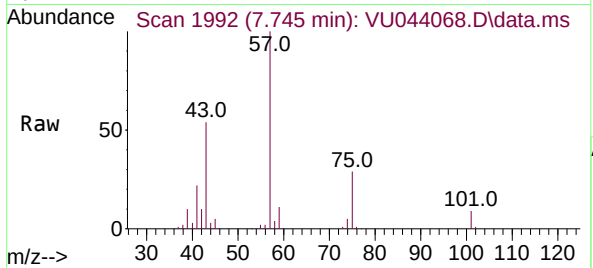




#54
 cis-1,3-Dichloropropene
 Concen: 5.045 ug/l
 RT: 7.745 min Scan# 1992
 Delta R.T. 0.132 min
 Lab File: VU044068.D
 Acq: 07 Jun 2021 20:16

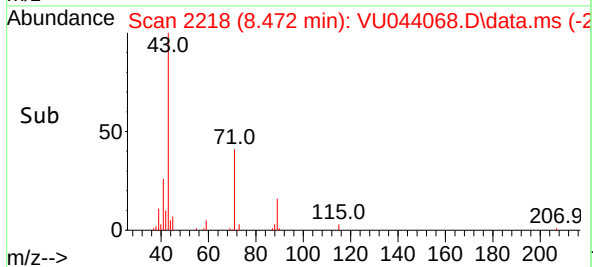
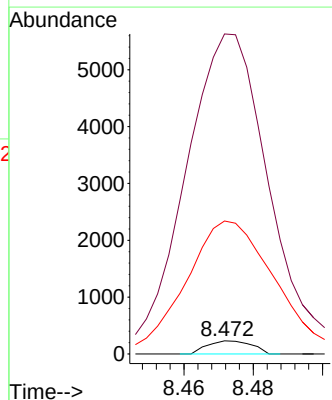
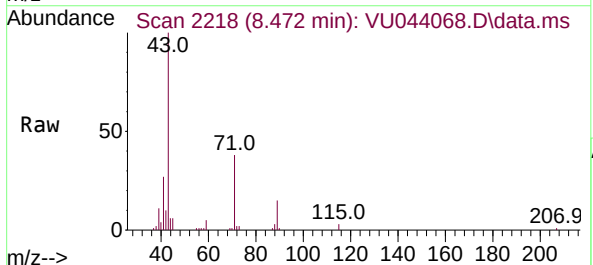
Instrument :
 MSVOA_U
 ClientSampleId :
 18-B6(6-12)

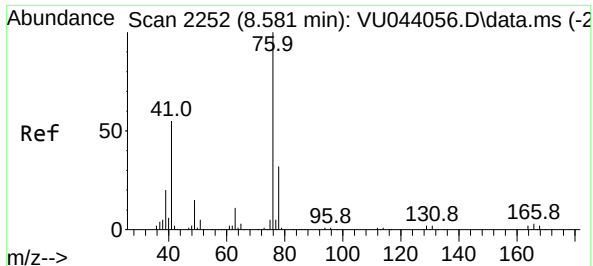
Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.6	25.0	37.4#
39	33.4	34.7	52.1#



#56
 Ethyl methacrylate
 Concen: 3.416 ug/l
 RT: 8.472 min Scan# 2218
 Delta R.T. 0.132 min
 Lab File: VU044068.D
 Acq: 07 Jun 2021 20:16

Tgt Ion	Ratio	Lower	Upper
69	100		
41	4670.5	51.4	77.0#
39	2054.6	24.9	37.3#



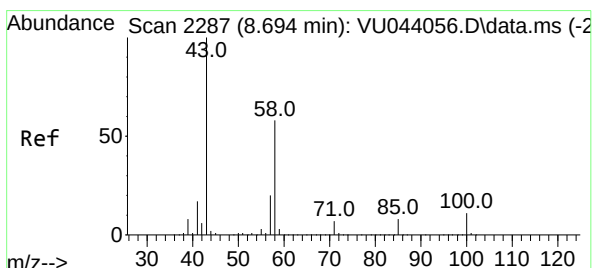
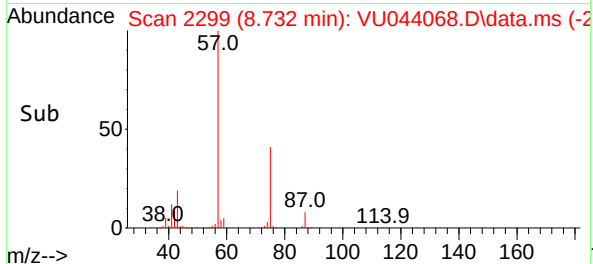
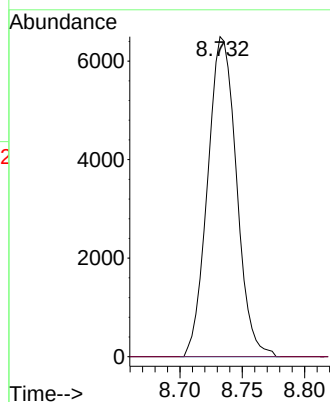
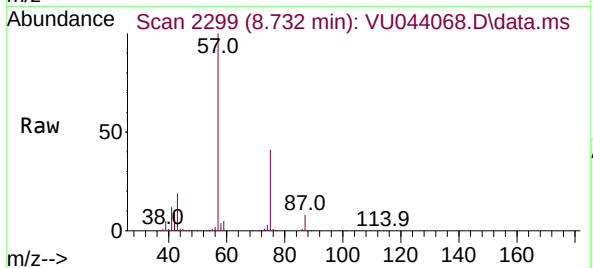


#57

1,3-Dichloropropane
Concen: 1.655 ug/l
RT: 8.732 min Scan# 2299
Delta R.T. 0.151 min
Lab File: VU044068.D
Acq: 07 Jun 2021 20:16

Instrument :
MSVOA_U
ClientSampled :
18-B6(6-12)

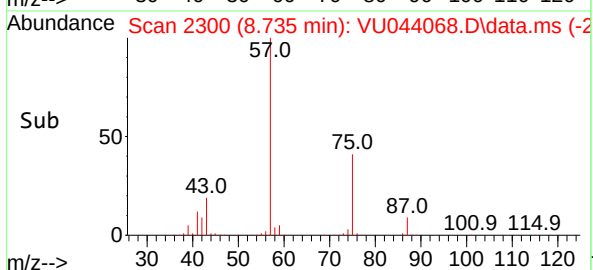
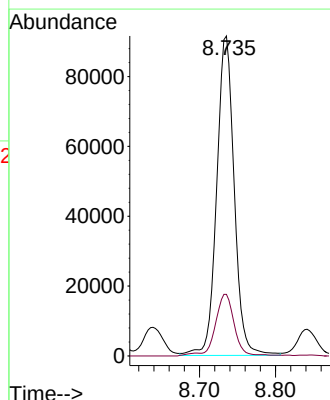
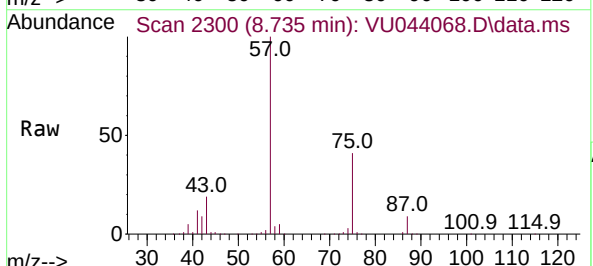
Tgt Ion: 76 Resp: 10488
Ion Ratio Lower Upper
76 100
78 0.0 25.9 38.9#

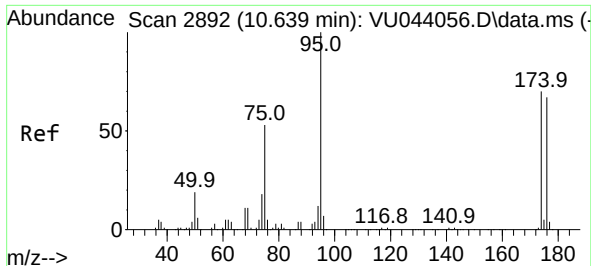


#59

2-Hexanone
Concen: 30.267 ug/l
RT: 8.735 min Scan# 2300
Delta R.T. 0.042 min
Lab File: VU044068.D
Acq: 07 Jun 2021 20:16

Tgt Ion: 43 Resp: 146469
Ion Ratio Lower Upper
43 100
58 20.6 29.0 87.1#

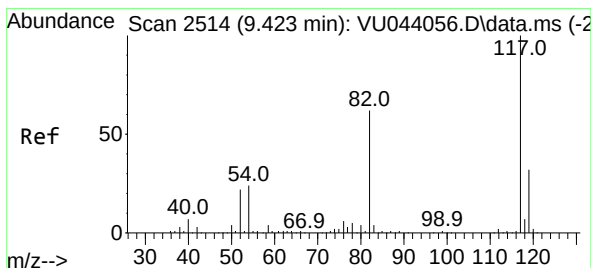
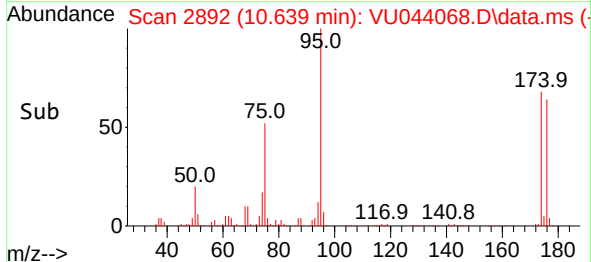
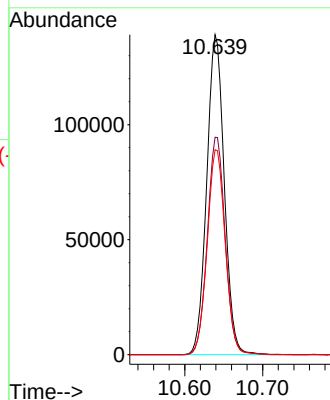
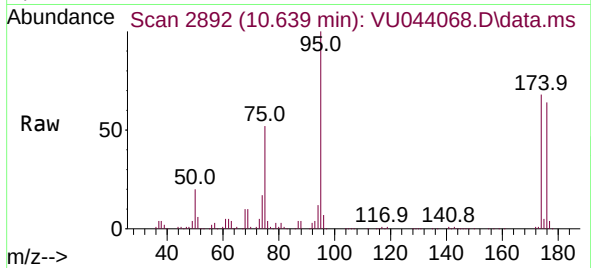




#62
4-Bromofluorobenzene
Concen: 47.715 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.000 min
Lab File: VU044068.D
Acq: 07 Jun 2021 20:16

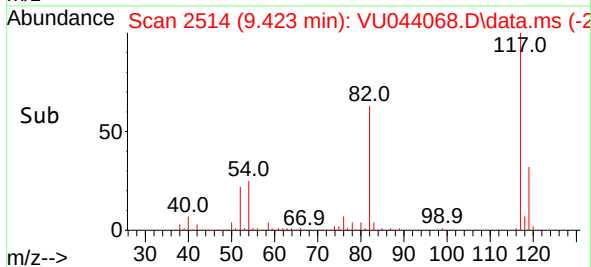
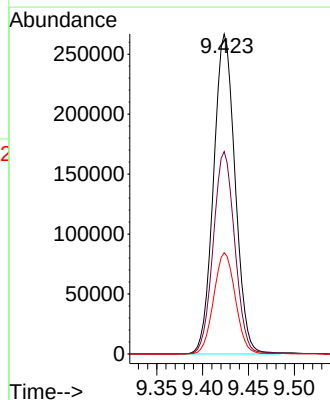
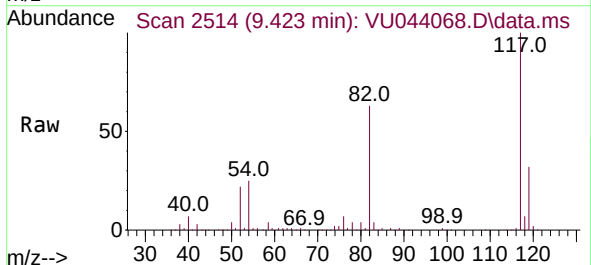
Instrument :
MSVOA_U
ClientSampleId :
18-B6(6-12)

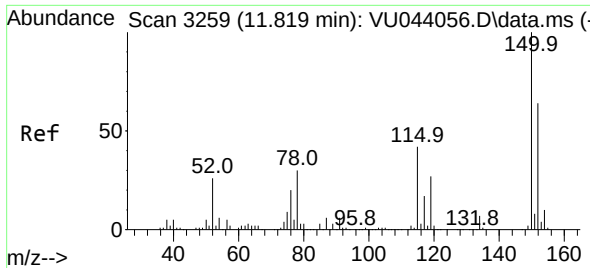
Tgt Ion: 95 Resp: 217264
Ion Ratio Lower Upper
95 100
174 69.1 0.0 141.0
176 65.7 0.0 135.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU044068.D
Acq: 07 Jun 2021 20:16

Tgt Ion: 117 Resp: 436869
Ion Ratio Lower Upper
117 100
82 63.2 50.0 75.0
119 31.6 25.9 38.9

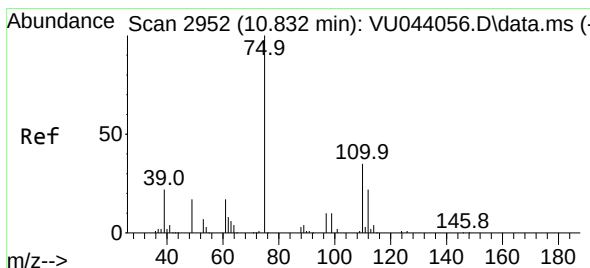
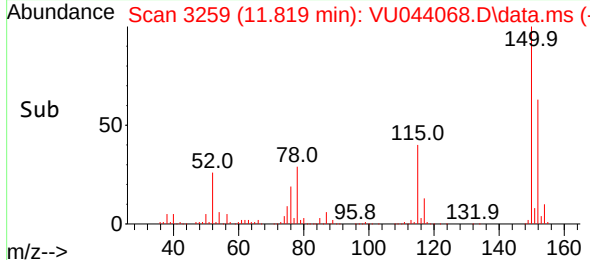
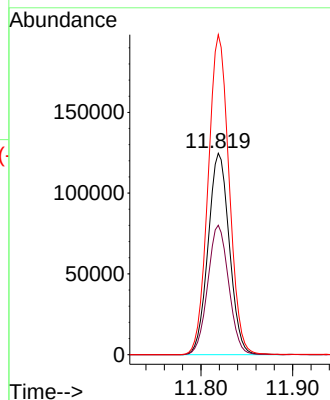
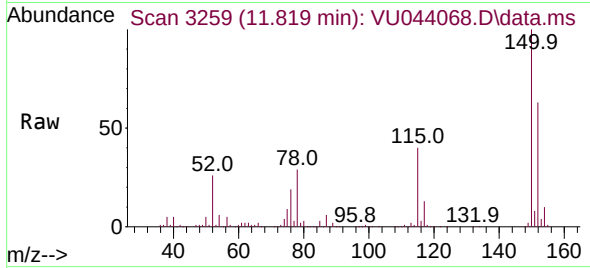




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU044068.D
 Acq: 07 Jun 2021 20:16

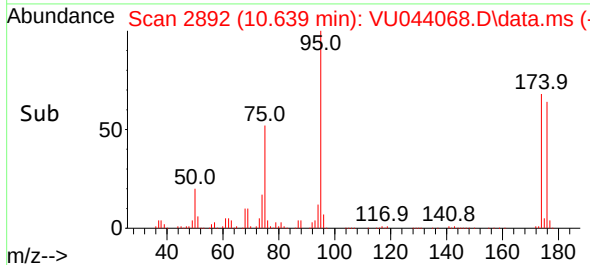
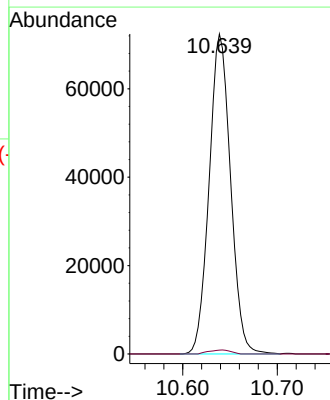
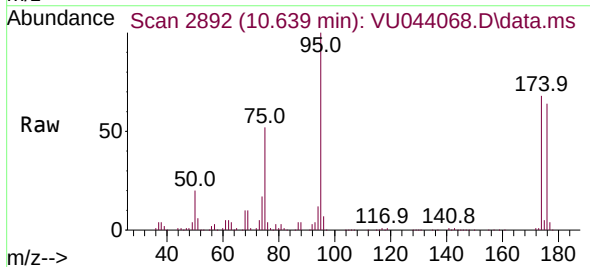
Instrument :
 MSVOA_U
 ClientSampled :
 18-B6(6-12)

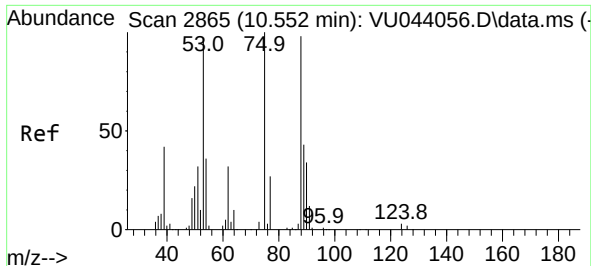
Tgt Ion:152 Resp: 200481
 Ion Ratio Lower Upper
 152 100
 115 63.5 44.6 134.0
 150 156.9 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 20.322 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.193 min
 Lab File: VU044068.D
 Acq: 07 Jun 2021 20:16

Tgt Ion: 75 Resp: 113971
 Ion Ratio Lower Upper
 75 100
 77 1.3 16.9 50.6#

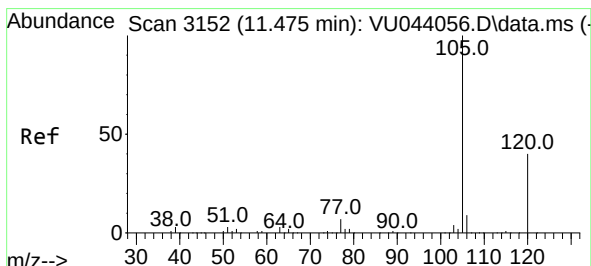
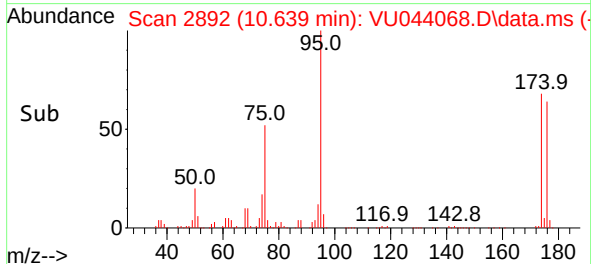
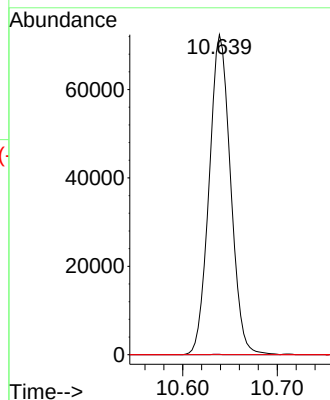
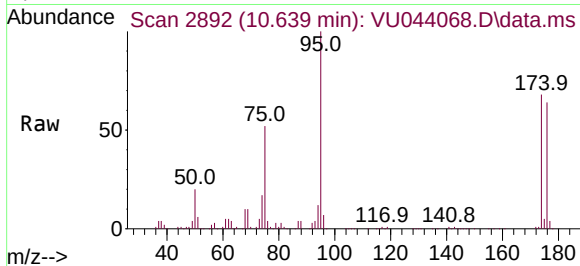




#81
trans-1,4-Dichloro-2-butene
Concen: 59.339 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.087 min
Lab File: VU044068.D
Acq: 07 Jun 2021 20:16

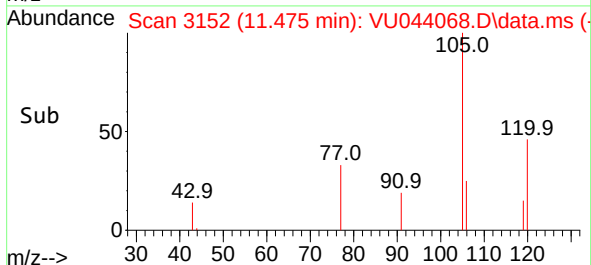
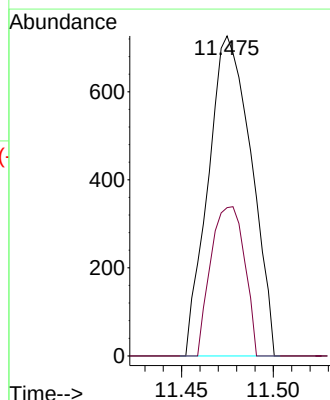
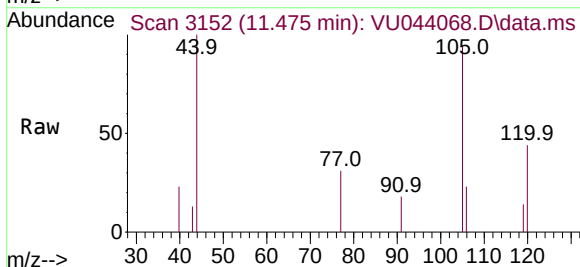
Instrument :
MSVOA_U
ClientSampleId :
18-B6(6-12)

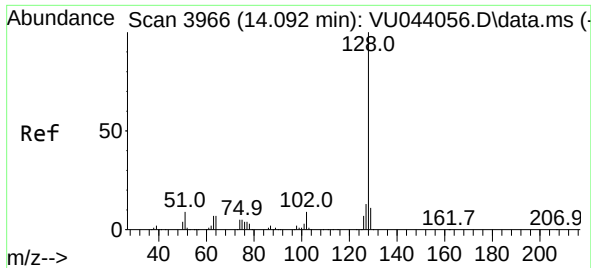
Tgt Ion: 75 Resp: 113971
Ion Ratio Lower Upper
75 100
53 0.1 76.9 115.3#
89 0.0 33.8 50.8#



#84
1,2,4-Trimethylbenzene
Concen: 1.038 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU044068.D
Acq: 07 Jun 2021 20:16

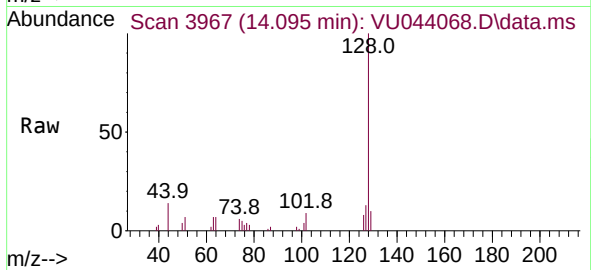
Tgt Ion: 105 Resp: 1183
Ion Ratio Lower Upper
105 100
120 36.4 21.9 65.7





#95
Naphthalene
Concen: 3.701 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU044068.D
Acq: 07 Jun 2021 20:16

Instrument :
MSVOA_U
ClientSampleId :
18-B6(6-12)



Tgt Ion:	128	Resp:	12402
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.2	15.4
129	8.8	8.7	13.1

