

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060721\
 Data File : VU044080.D
 Acq On : 08 Jun 2021 00:57
 Operator : SY/MD
 Sample : M2589-27
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 18-B9(0-2)

Quant Time: Jun 08 05:48:31 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)

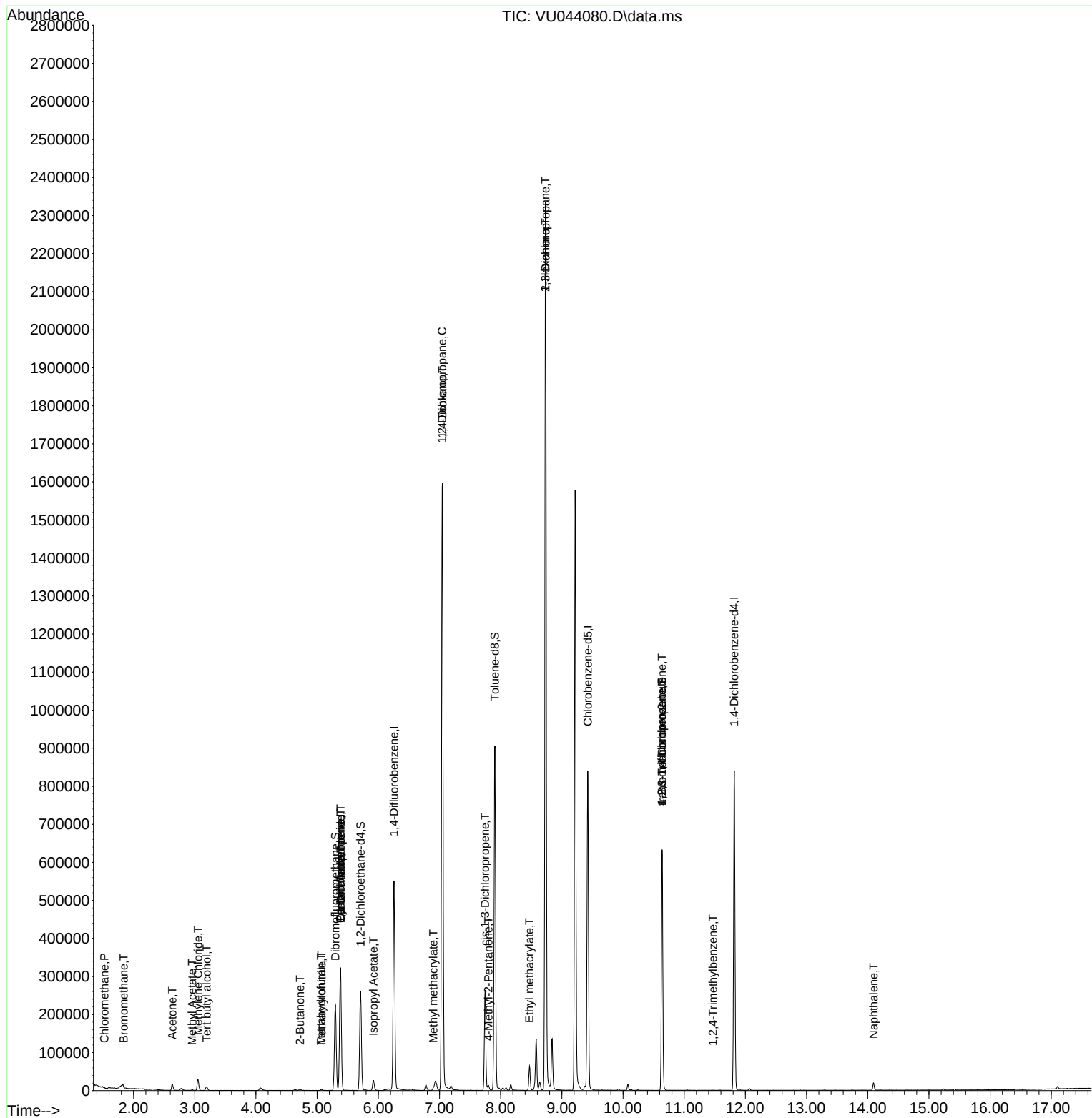
Internal Standards						
1) Pentafluorobenzene	5.382	168	205579	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	419402	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	438198	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	205185	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	190948	53.333	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.660%	
35) Dibromofluoromethane	5.298	113	145537	48.627	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.260%	
50) Toluene-d8	7.906	98	578201	50.085	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.180%	
62) 4-Bromofluorobenzene	10.639	95	214601	46.952	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.900%	
Target Compounds					Qvalue	
3) Chloromethane	1.523	50	989	0.233	ug/l	90
5) Bromomethane	1.838	94	317	0.201	ug/l #	81
11) Tert butyl alcohol	3.195	59	6552	7.382	ug/l #	72
16) Acetone	2.633	43	19304	9.342	ug/l	99
18) Methyl Acetate	2.957	43	2565	0.563	ug/l	97
20) Methylene Chloride	3.054	84	13657	2.803	ug/l	93
25) 2-Butanone	4.723	43	5851	1.985	ug/l	99
29) Tetrahydrofuran	5.067	42	1735	1.060	ug/l	90
31) Cyclohexane	5.382	56	4811	0.974	ug/l #	1
36) 1,1-Dichloropropene	5.382	75	19071	4.036	ug/l #	51
38) Carbon Tetrachloride	5.382	117	22853	5.353	ug/l #	17
41) Methacrylonitrile	5.073	41	1009	0.322	ug/l #	34
43) Isopropyl Acetate	5.922	43	28358	3.369	ug/l	99
45) 1,2-Dichloropropane	7.044	63	1953	0.502	ug/l #	42
48) Methyl methacrylate	6.899	41	10055	2.423	ug/l #	14
49) 1,4-Dioxane	7.047	88	94	0.921	ug/l #	1
51) 4-Methyl-2-Pentanone	7.800	43	7619	1.219	ug/l	100
54) cis-1,3-Dichloropropene	7.745	75	45000	7.788	ug/l #	68
56) Ethyl methacrylate	8.468	69	201	3.415	ug/l #	1
57) 1,3-Dichloropropane	8.732	76	22477	3.532	ug/l #	43
59) 2-Hexanone	8.732	43	310334	63.888	ug/l #	50
76) 1,2,3-Trichloropropane	10.639	75	111017	19.341	ug/l #	43
81) trans-1,4-Dichloro-2-b...	10.639	75	111017	56.476	ug/l #	11
84) 1,2,4-Trimethylbenzene	11.472	105	308	0.972	ug/l #	32
95) Naphthalene	14.095	128	16515	3.959	ug/l	98

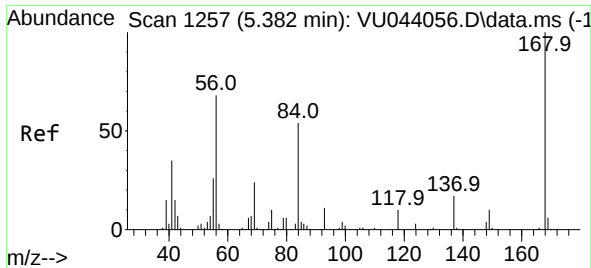
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060721\
Data File : VU044080.D
Acq On : 08 Jun 2021 00:57
Operator : SY/MD
Sample : M2589-27
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
18-B9(0-2)

Quant Time: Jun 08 05:48:31 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

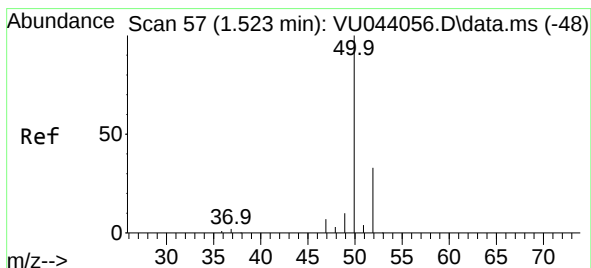
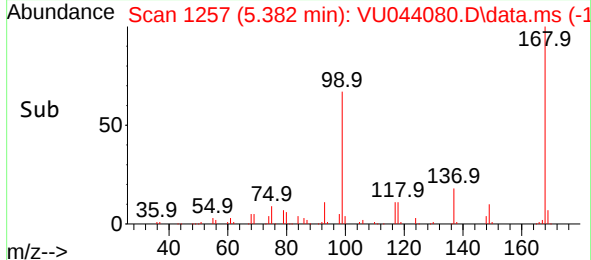
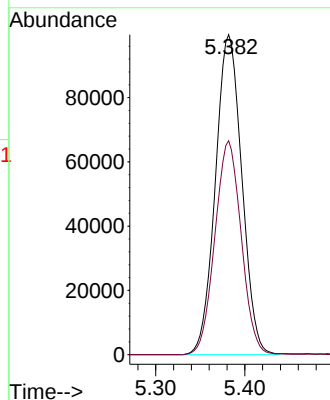
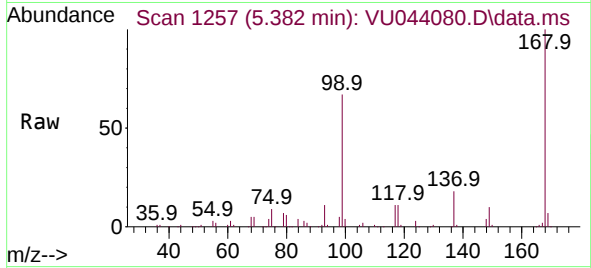




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU044080.D
Acq: 08 Jun 2021 00:57

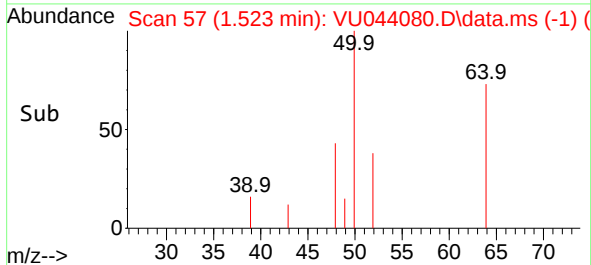
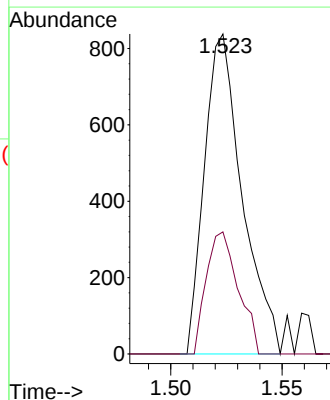
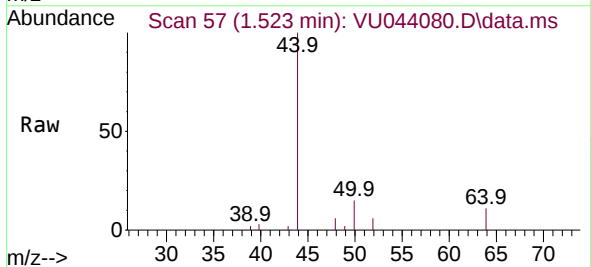
Instrument :
MSVOA_U
ClientSampled :
18-B9(0-2)

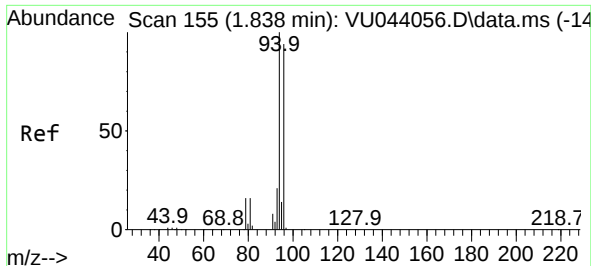
Tgt Ion:168 Resp: 205579
Ion Ratio Lower Upper
168 100
99 66.8 52.6 78.8



#3
Chloromethane
Concen: 0.233 ug/l
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU044080.D
Acq: 08 Jun 2021 00:57

Tgt Ion: 50 Resp: 989
Ion Ratio Lower Upper
50 100
52 38.2 26.2 39.2

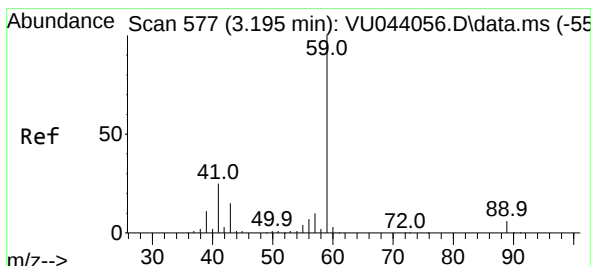
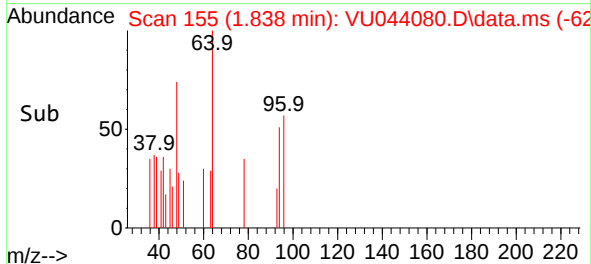
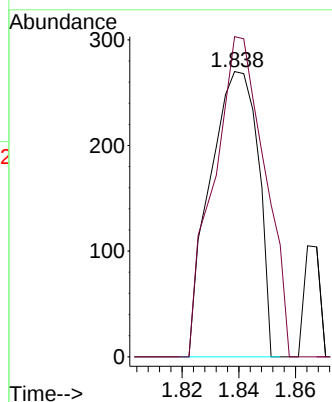
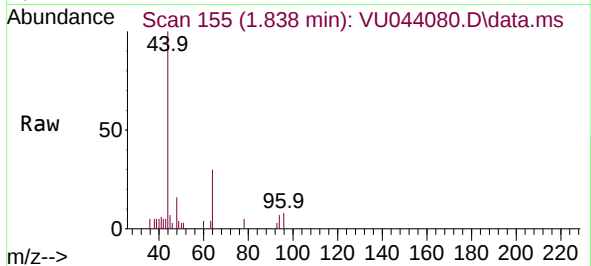




#5
Bromomethane
Concen: 0.201 ug/l
RT: 1.838 min Scan# 155
Delta R.T. 0.000 min
Lab File: VU044080.D
Acq: 08 Jun 2021 00:57

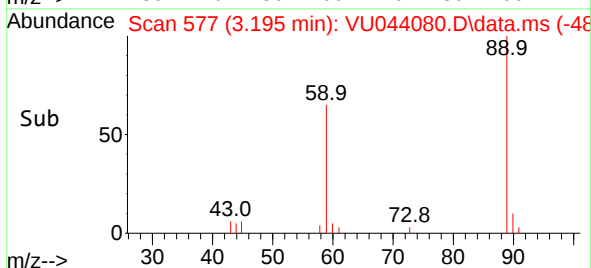
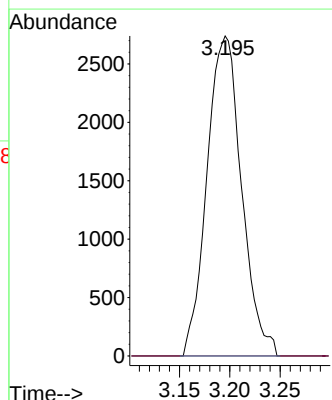
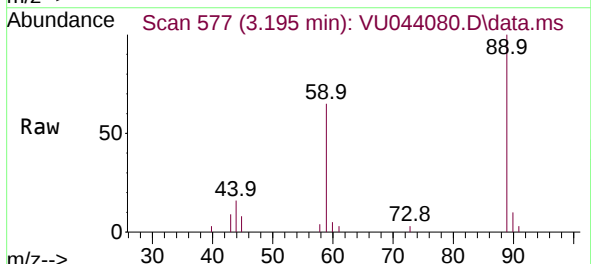
Instrument :
MSVOA_U
ClientSampleId :
18-B9(0-2)

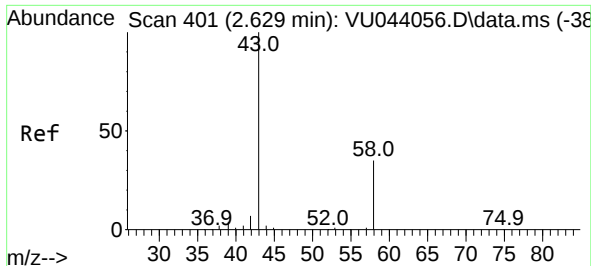
Tgt Ion: 94 Resp: 317
Ion Ratio Lower Upper
94 100
96 112.2 74.8 112.2#



#11
Tert butyl alcohol
Concen: 7.382 ug/l
RT: 3.195 min Scan# 577
Delta R.T. 0.000 min
Lab File: VU044080.D
Acq: 08 Jun 2021 00:57

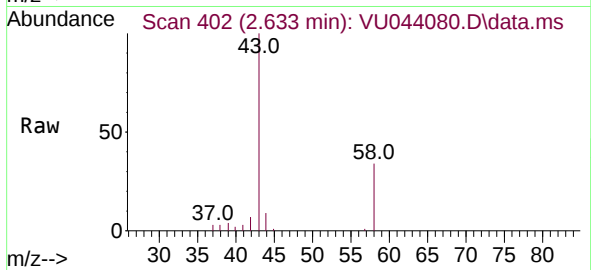
Tgt Ion: 59 Resp: 6552
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



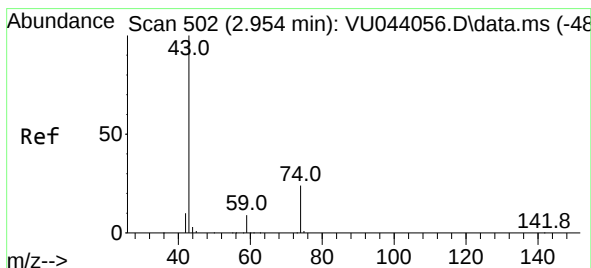
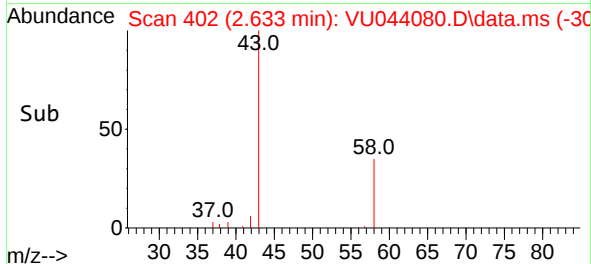
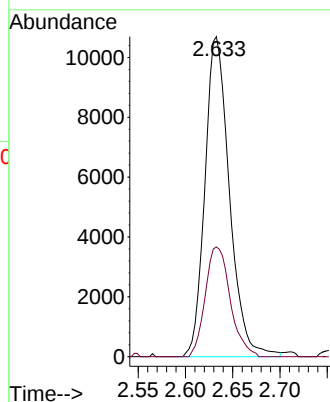


#16
Acetone
Concen: 9.342 ug/l
RT: 2.633 min Scan# 402
Delta R.T. 0.003 min
Lab File: VU044080.D
Acq: 08 Jun 2021 00:57

Instrument :
MSVOA_U
ClientSampled :
18-B9(0-2)

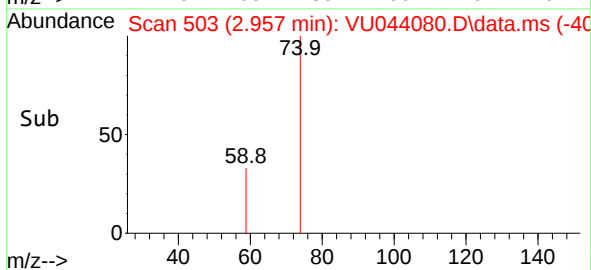
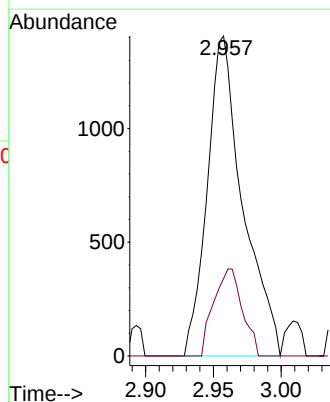
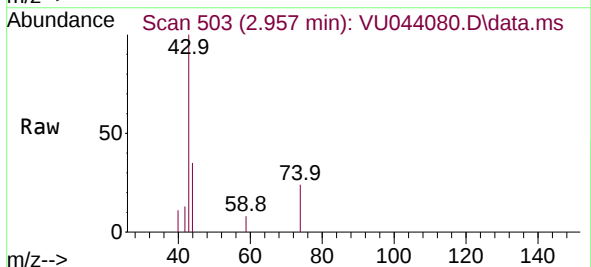


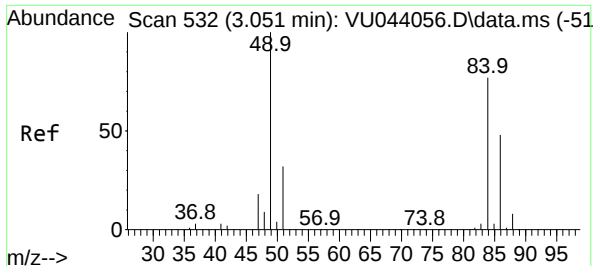
Tgt Ion: 43 Resp: 19304
Ion Ratio Lower Upper
43 100
58 34.3 27.7 41.5



#18
Methyl Acetate
Concen: 0.563 ug/l
RT: 2.957 min Scan# 503
Delta R.T. 0.003 min
Lab File: VU044080.D
Acq: 08 Jun 2021 00:57

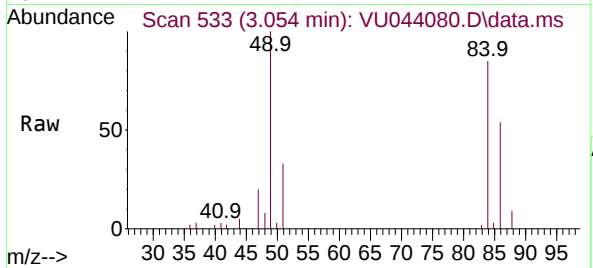
Tgt Ion: 43 Resp: 2565
Ion Ratio Lower Upper
43 100
74 21.8 18.7 28.1



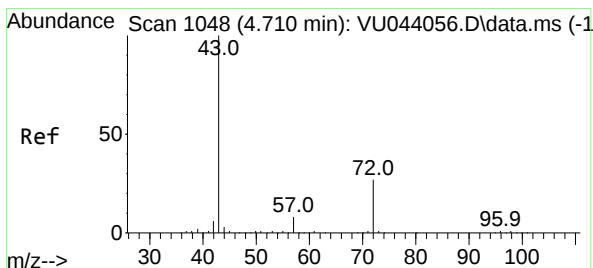
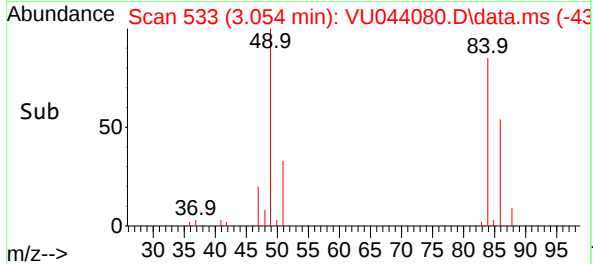
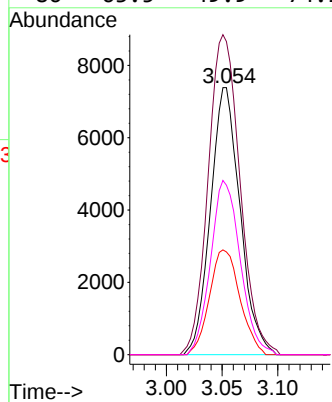


#20
Methylene Chloride
Concen: 2.803 ug/l
RT: 3.054 min Scan# 533
Delta R.T. 0.003 min
Lab File: VU044080.D
Acq: 08 Jun 2021 00:57

Instrument :
MSVOA_U
ClientSampleId :
18-B9(0-2)

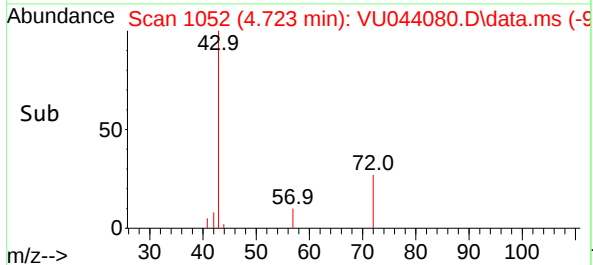
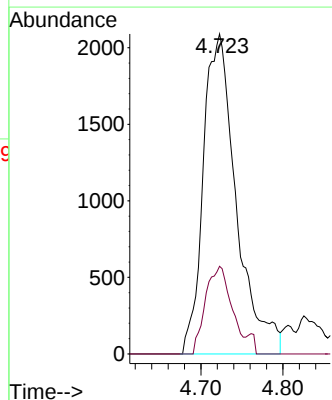
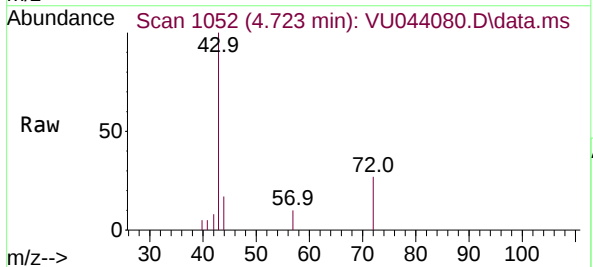


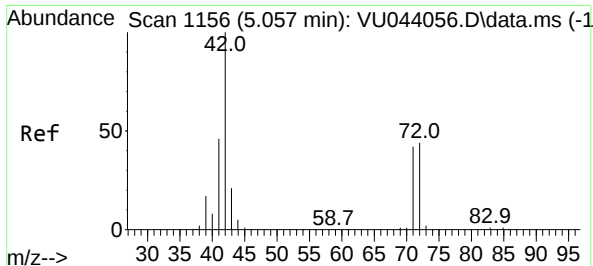
Tgt Ion:	84	Resp:	13657
Ion	Ratio	Lower	Upper
84	100		
49	117.2	103.6	155.4
51	38.5	32.8	49.2
86	63.5	49.9	74.9



#25
2-Butanone
Concen: 1.985 ug/l
RT: 4.723 min Scan# 1052
Delta R.T. 0.013 min
Lab File: VU044080.D
Acq: 08 Jun 2021 00:57

Tgt Ion:	43	Resp:	5851
Ion	Ratio	Lower	Upper
43	100		
72	27.4	21.4	32.2





#29

Tetrahydrofuran

Concen: 1.060 ug/l

RT: 5.067 min Scan# 1159

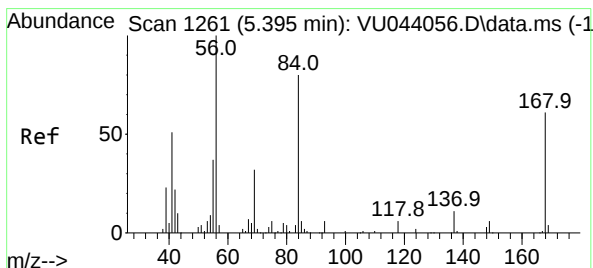
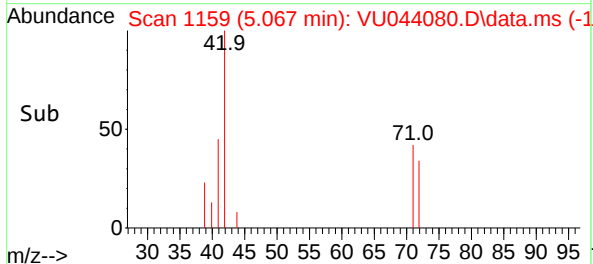
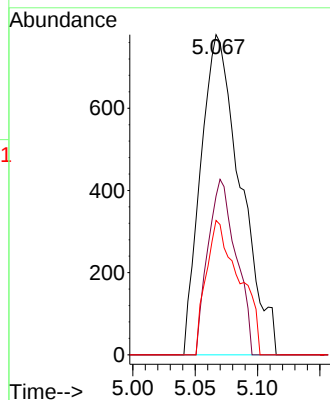
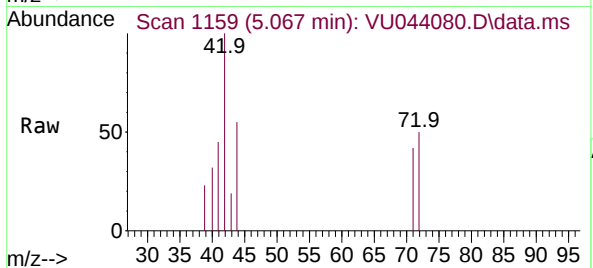
Delta R.T. 0.010 min

Lab File: VU044080.D

Acq: 08 Jun 2021 00:57

Tgt Ion:	42	Resp:	1735
Ion	Ratio	Lower	Upper
42	100		
72	38.6	35.6	53.4
71	34.8	33.3	49.9

Instrument :
MSVOA_U
ClientSampleId :
18-B9(0-2)



#31

Cyclohexane

Concen: 0.974 ug/l

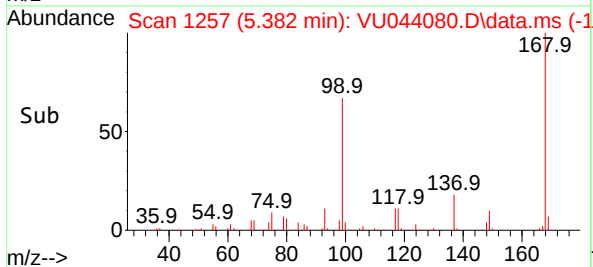
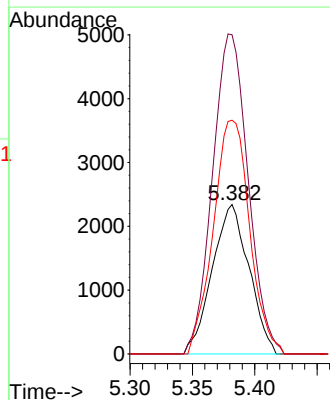
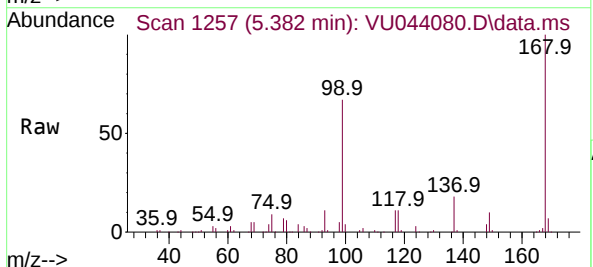
RT: 5.382 min Scan# 1257

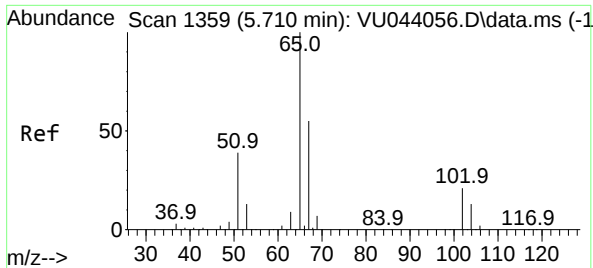
Delta R.T. -0.013 min

Lab File: VU044080.D

Acq: 08 Jun 2021 00:57

Tgt Ion:	56	Resp:	4811
Ion	Ratio	Lower	Upper
56	100		
69	213.6	25.4	38.2#
84	156.4	64.2	96.2#



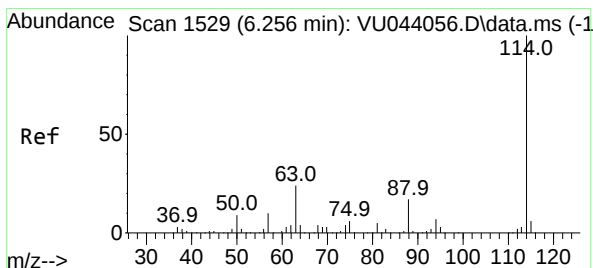
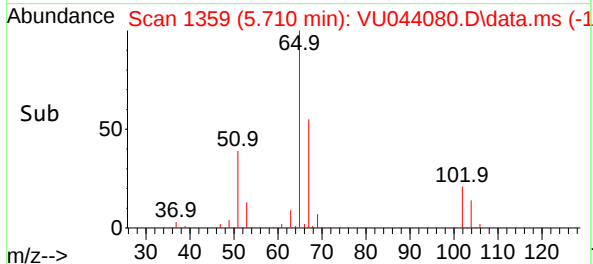
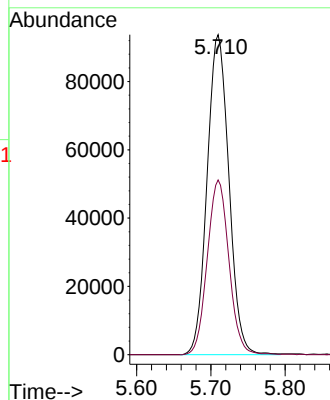
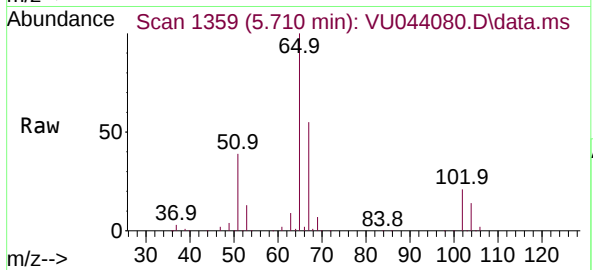


#33

1,2-Dichloroethane-d4
Concen: 53.333 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VU044080.D
Acq: 08 Jun 2021 00:57

Instrument :
MSVOA_U
ClientSampled :
18-B9(0-2)

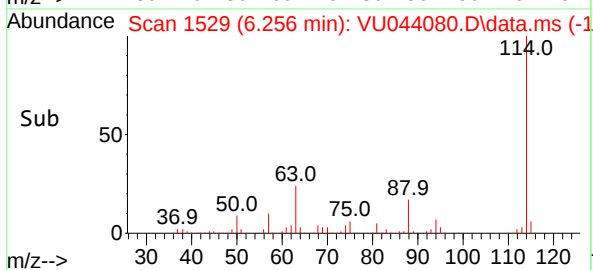
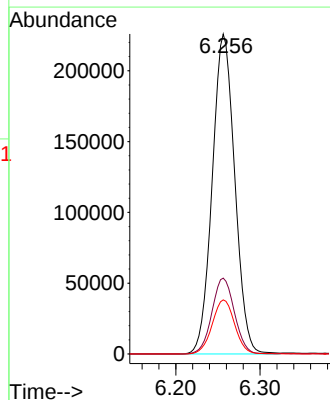
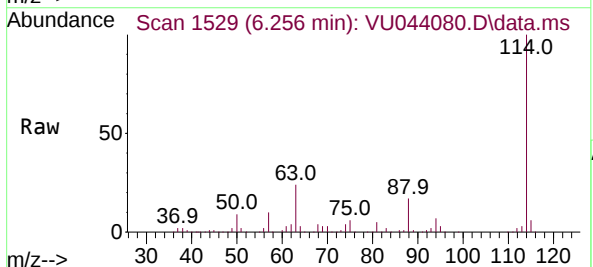
Tgt Ion: 65 Resp: 190948
Ion Ratio Lower Upper
65 100
67 54.2 0.0 109.2

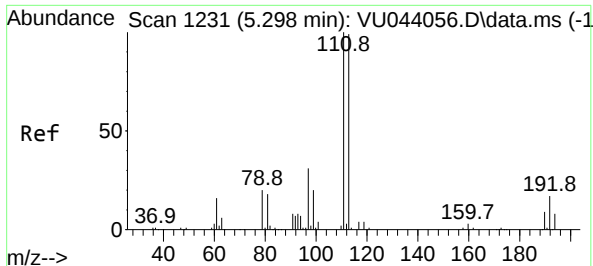


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU044080.D
Acq: 08 Jun 2021 00:57

Tgt Ion: 114 Resp: 419402
Ion Ratio Lower Upper
114 100
63 23.7 0.0 48.4
88 16.9 0.0 34.4

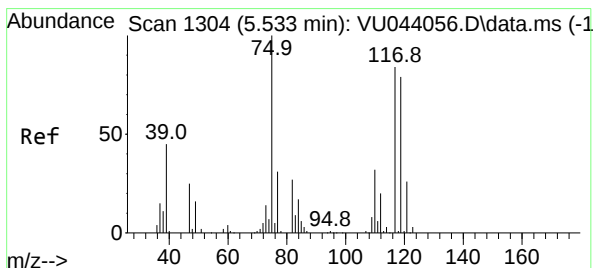
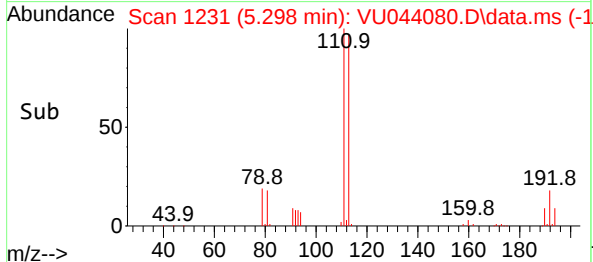
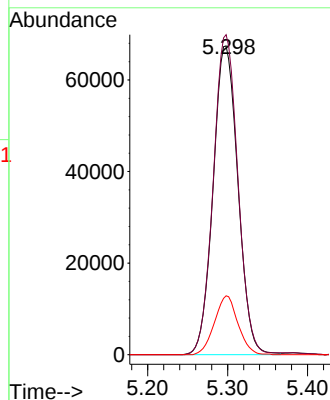
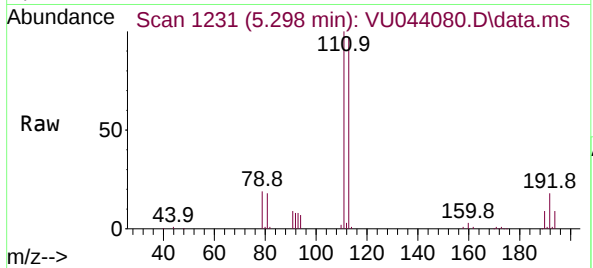




#35
Dibromofluoromethane
Concen: 48.627 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU044080.D
Acq: 08 Jun 2021 00:57

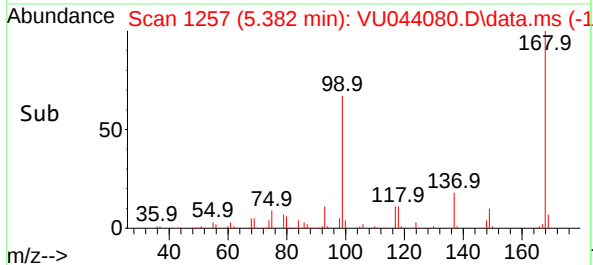
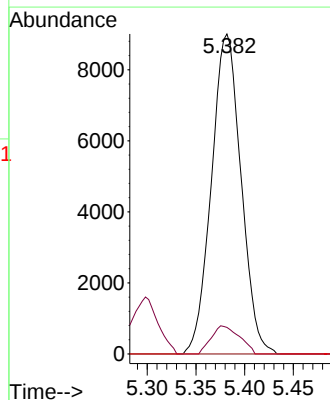
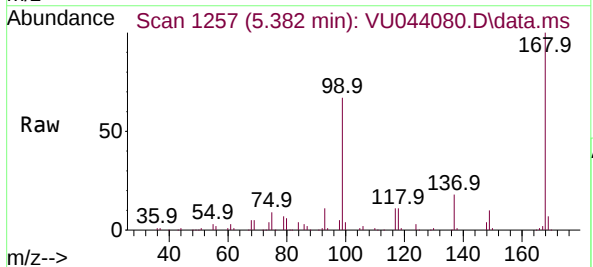
Instrument :
MSVOA_U
ClientSampleId :
18-B9(0-2)

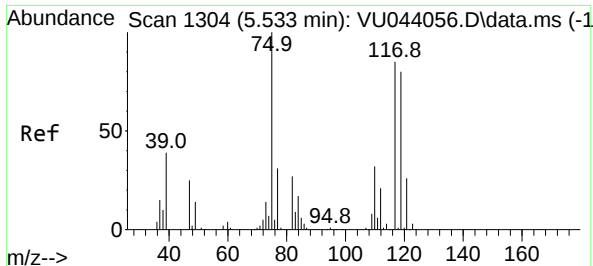
Tgt Ion:113 Resp: 145537
Ion Ratio Lower Upper
113 100
111 102.6 82.1 123.1
192 18.0 13.8 20.8



#36
1,1-Dichloropropene
Concen: 4.036 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU044080.D
Acq: 08 Jun 2021 00:57

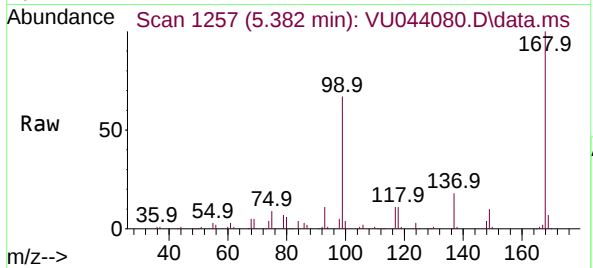
Tgt Ion: 75 Resp: 19071
Ion Ratio Lower Upper
75 100
110 8.3 15.9 47.7#
77 0.0 25.0 37.4#



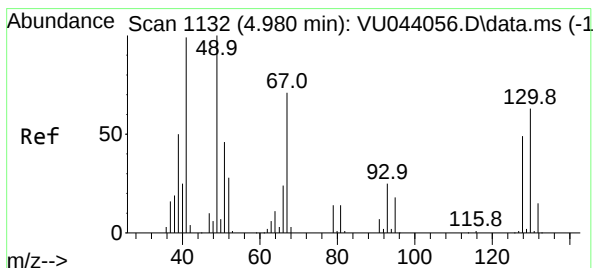
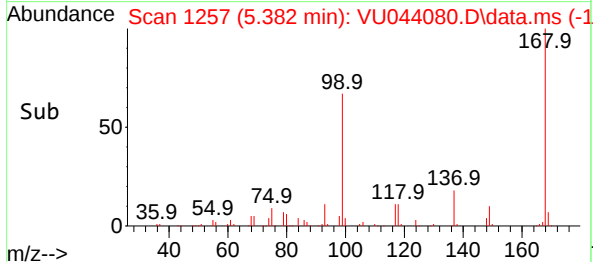
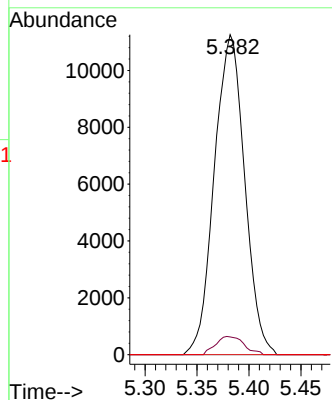


#38
Carbon Tetrachloride
Concen: 5.353 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU044080.D
Acq: 08 Jun 2021 00:57

Instrument :
MSVOA_U
ClientSampleId :
18-B9(0-2)

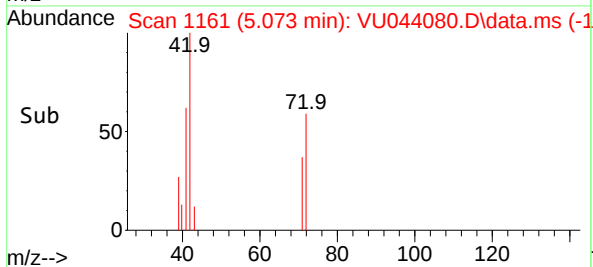
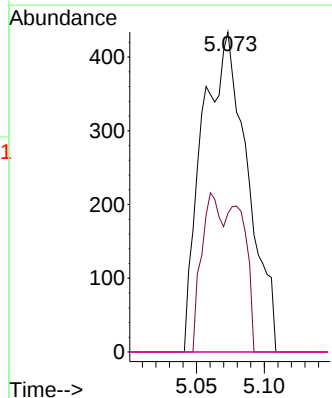
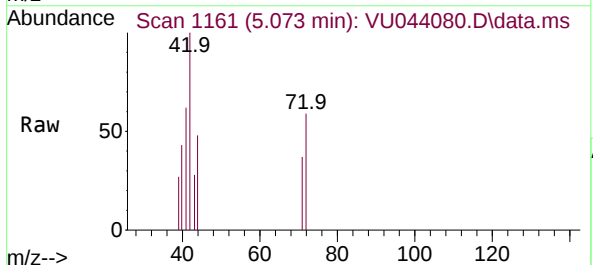


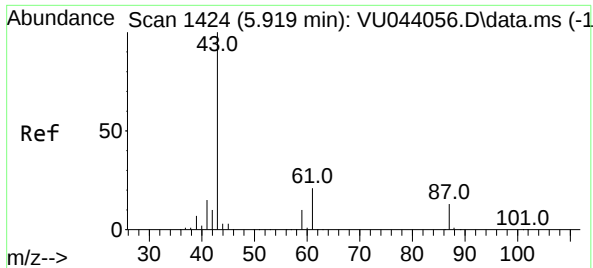
Tgt Ion:117 Resp: 22853
Ion Ratio Lower Upper
117 100
119 5.5 75.4 113.2#
121 0.0 24.5 36.7#



#41
Methacrylonitrile
Concen: 0.322 ug/l
RT: 5.073 min Scan# 1161
Delta R.T. 0.093 min
Lab File: VU044080.D
Acq: 08 Jun 2021 00:57

Tgt Ion: 41 Resp: 1009
Ion Ratio Lower Upper
41 100
39 22.9 41.4 62.2#
67 0.0 59.4 89.2#
52 0.0 23.1 34.7#

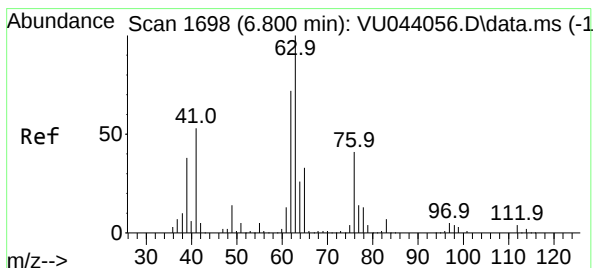
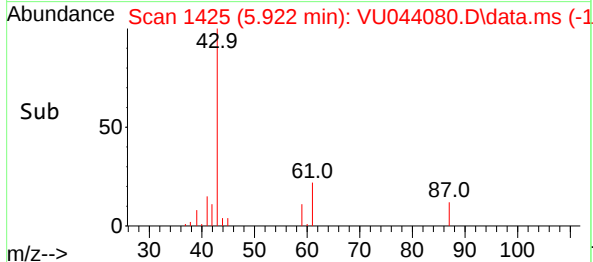
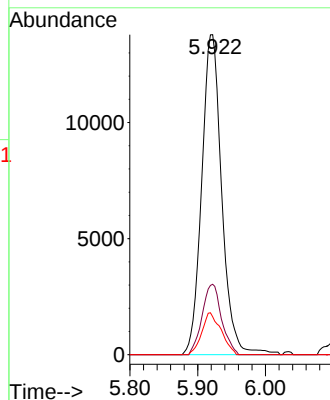
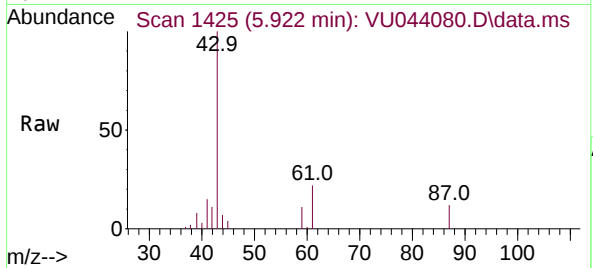




#43
Isopropyl Acetate
Concen: 3.369 ug/l
RT: 5.922 min Scan# 1425
Delta R.T. 0.003 min
Lab File: VU044080.D
Acq: 08 Jun 2021 00:57

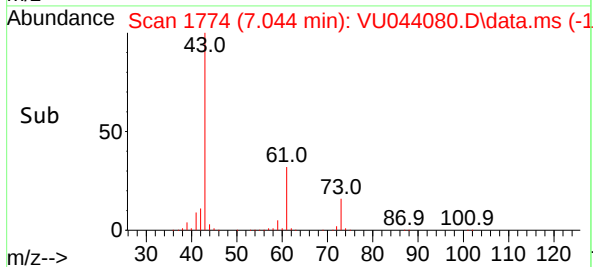
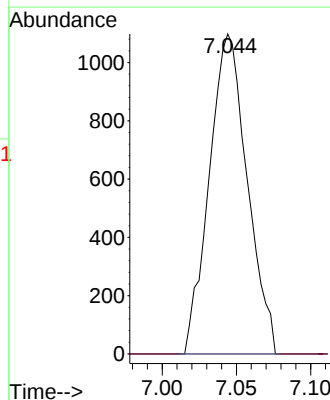
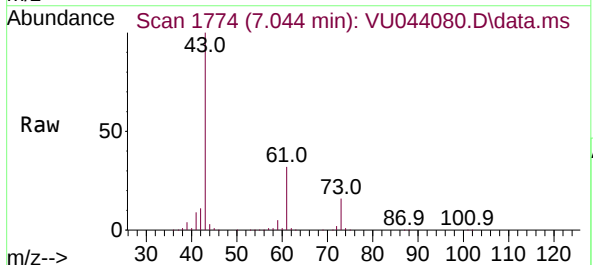
Instrument :
MSVOA_U
ClientSampleId :
18-B9(0-2)

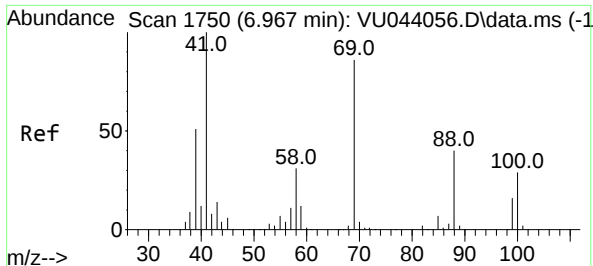
Tgt Ion:	43	Resp:	28358
Ion Ratio	Lower	Upper	
43	100		
61	21.3	16.8	25.2
87	12.6	10.2	15.2



#45
1,2-Dichloropropane
Concen: 0.502 ug/l
RT: 7.044 min Scan# 1774
Delta R.T. 0.244 min
Lab File: VU044080.D
Acq: 08 Jun 2021 00:57

Tgt Ion:	63	Resp:	1953
Ion Ratio	Lower	Upper	
63	100		
65	0.0	26.3	39.5#





#48

Methyl methacrylate

Concen: 2.423 ug/l

RT: 6.899 min Scan# 1729

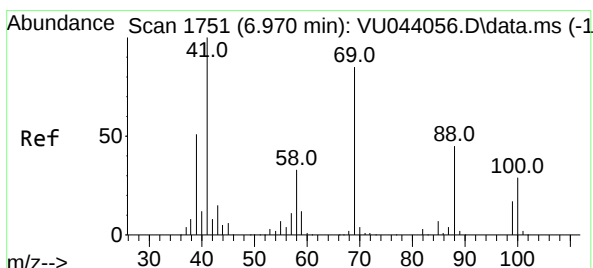
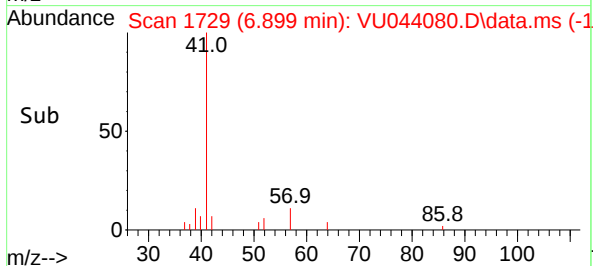
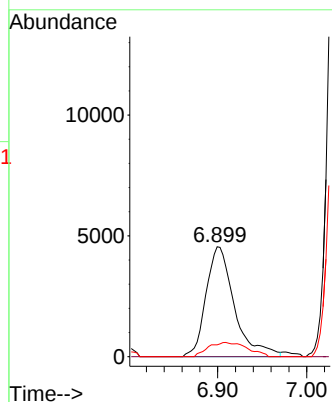
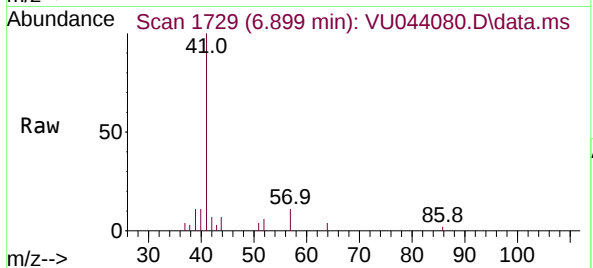
Delta R.T. -0.068 min

Lab File: VU044080.D

Acq: 08 Jun 2021 00:57

Tgt Ion:	41	Resp:	10055
Ion	Ratio	Lower	Upper
41	100		
69	0.0	68.9	103.3#
39	0.0	40.6	60.8#

Instrument :
MSVOA_U
ClientSampleId :
18-B9(0-2)



#49

1,4-Dioxane

Concen: 0.921 ug/l

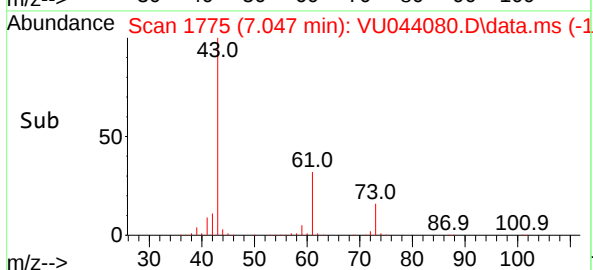
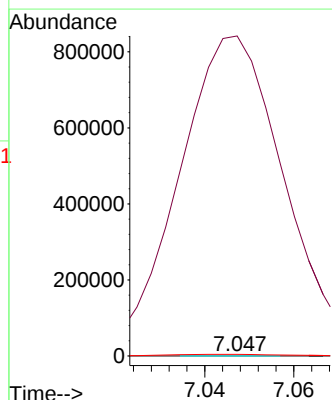
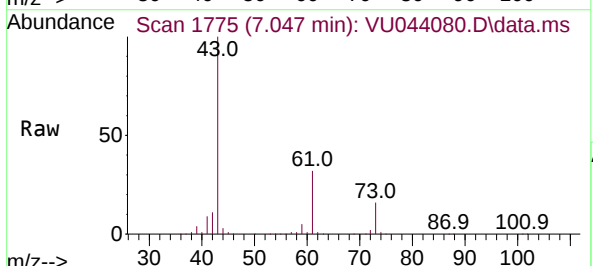
RT: 7.047 min Scan# 1775

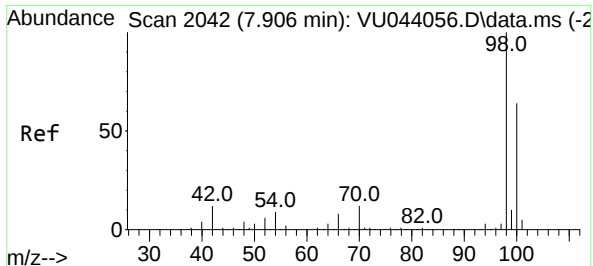
Delta R.T. 0.077 min

Lab File: VU044080.D

Acq: 08 Jun 2021 00:57

Tgt Ion:	88	Resp:	94
Ion	Ratio	Lower	Upper
88	100		
43	1518658.5	25.0	37.4#
58	8720.2	60.0	90.0#

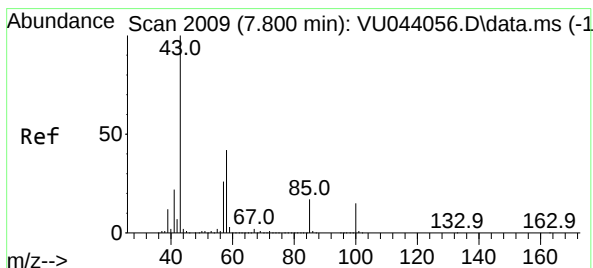
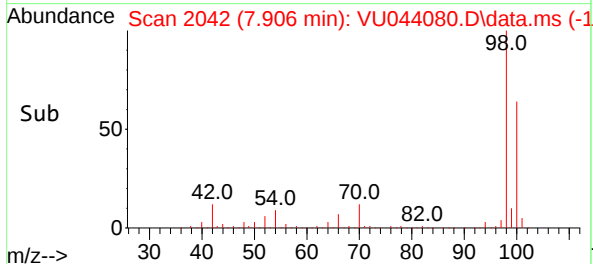
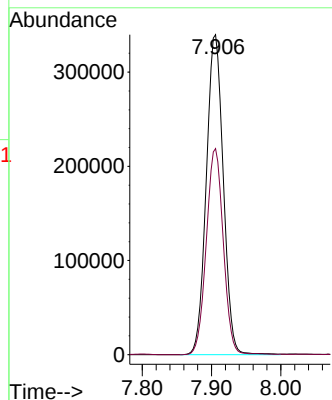
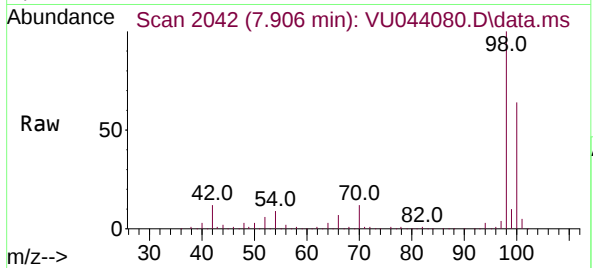




#50
Toluene-d8
Concen: 50.085 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. 0.000 min
Lab File: VU044080.D
Acq: 08 Jun 2021 00:57

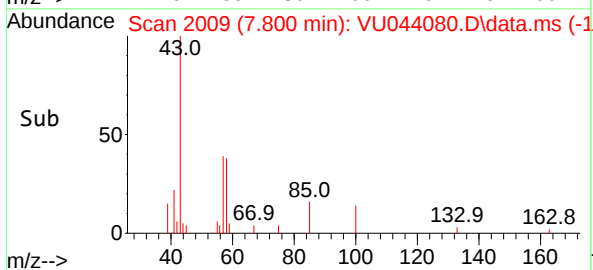
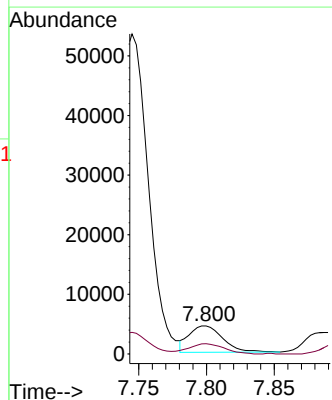
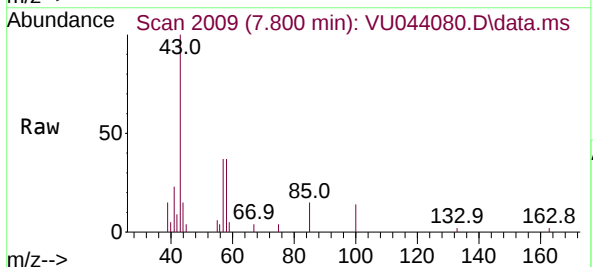
Instrument :
MSVOA_U
ClientSampleId :
18-B9(0-2)

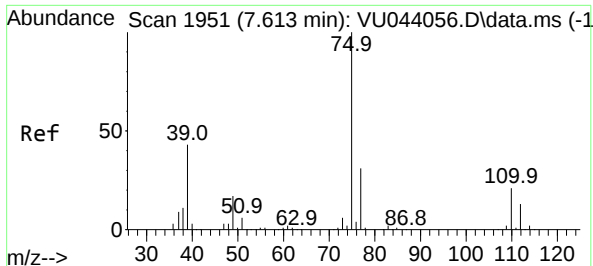
Tgt Ion: 98 Resp: 578201
Ion Ratio Lower Upper
98 100
100 64.4 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 1.219 ug/l
RT: 7.800 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VU044080.D
Acq: 08 Jun 2021 00:57

Tgt Ion: 43 Resp: 7619
Ion Ratio Lower Upper
43 100
58 41.7 33.3 49.9



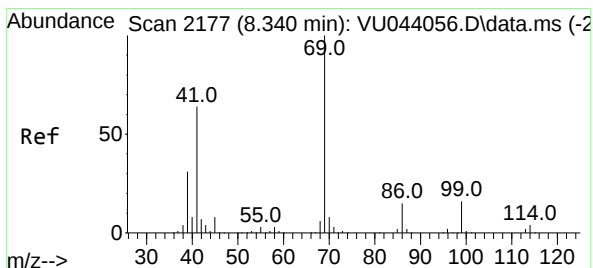
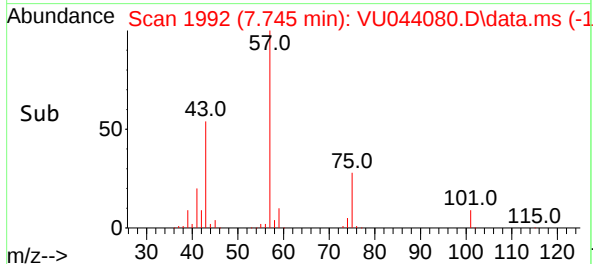
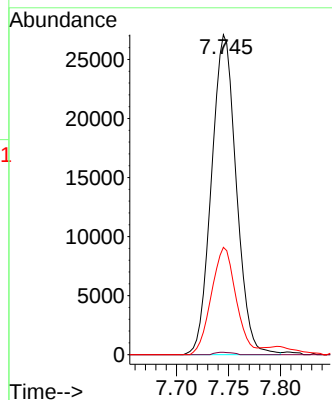
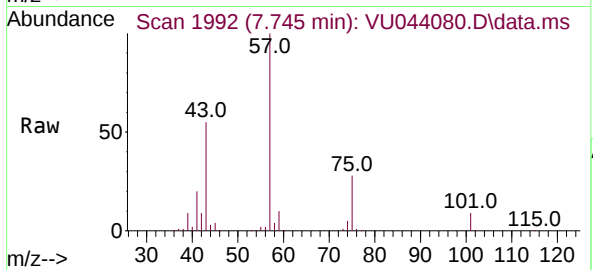


#54

cis-1,3-Dichloropropene
Concen: 7.788 ug/l
RT: 7.745 min Scan# 1992
Delta R.T. 0.132 min
Lab File: VU044080.D
Acq: 08 Jun 2021 00:57

Instrument :
MSVOA_U
ClientSampled :
18-B9(0-2)

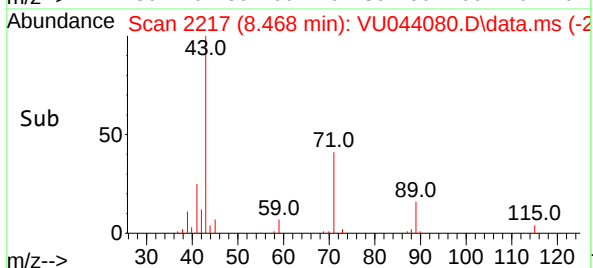
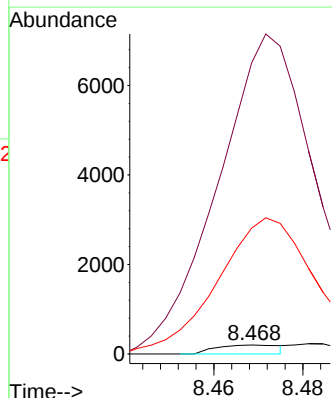
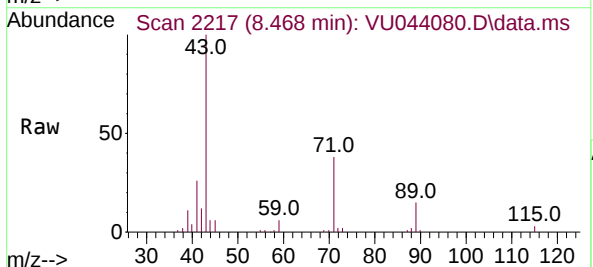
Tgt Ion: 75 Resp: 45000
Ion Ratio Lower Upper
75 100
77 0.8 25.0 37.4#
39 33.6 34.7 52.1#

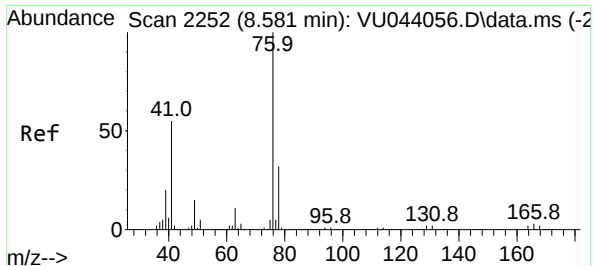


#56

Ethyl methacrylate
Concen: 3.415 ug/l
RT: 8.468 min Scan# 2217
Delta R.T. 0.128 min
Lab File: VU044080.D
Acq: 08 Jun 2021 00:57

Tgt Ion: 69 Resp: 201
Ion Ratio Lower Upper
69 100
41 5739.3 51.4 77.0#
39 2487.6 24.9 37.3#



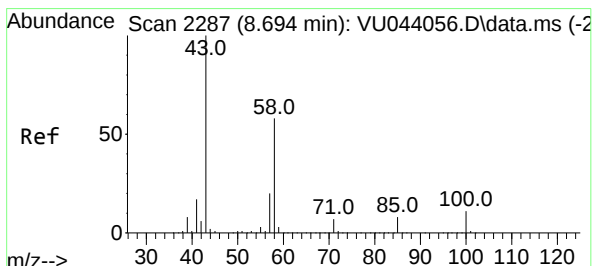
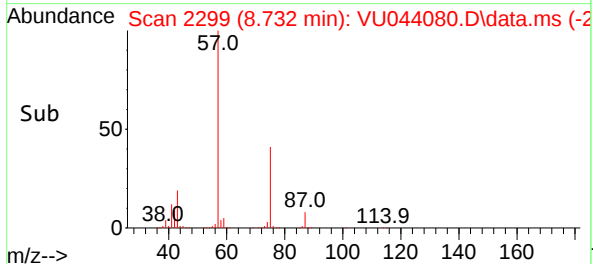
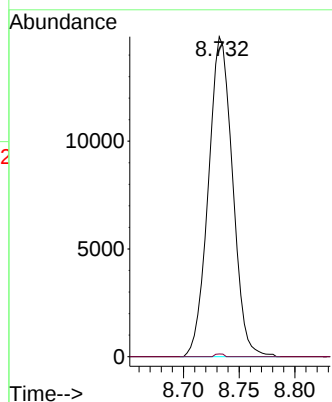
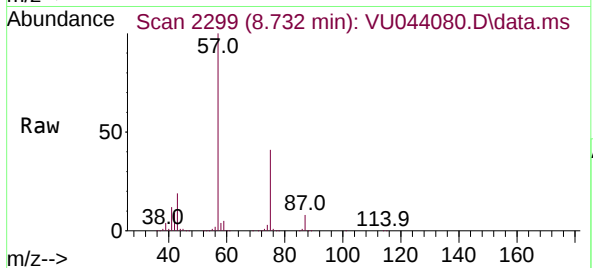


#57

1,3-Dichloropropane
Concen: 3.532 ug/l
RT: 8.732 min Scan# 2299
Delta R.T. 0.151 min
Lab File: VU044080.D
Acq: 08 Jun 2021 00:57

Instrument :
MSVOA_U
ClientSampled :
18-B9(0-2)

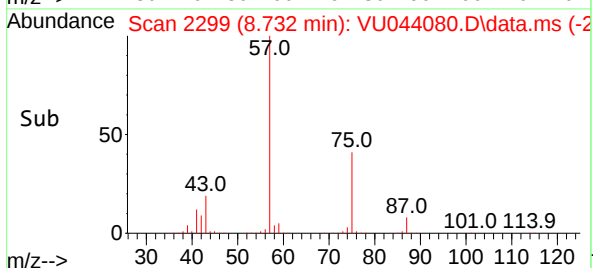
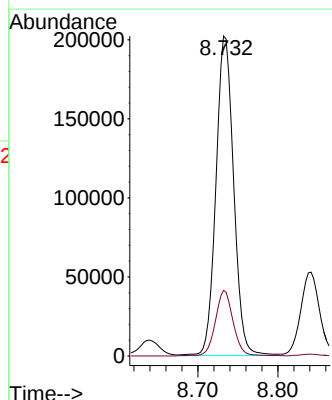
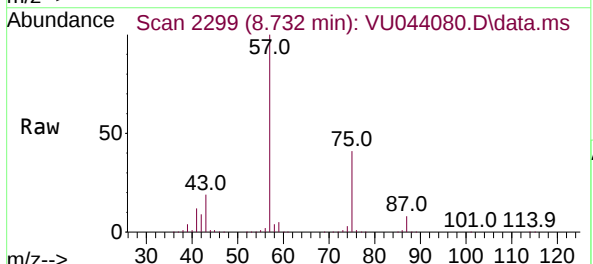
Tgt Ion: 76 Resp: 22477
Ion Ratio Lower Upper
76 100
78 0.3 25.9 38.9#

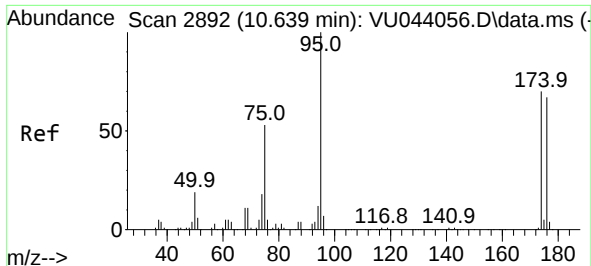


#59

2-Hexanone
Concen: 63.888 ug/l
RT: 8.732 min Scan# 2299
Delta R.T. 0.039 min
Lab File: VU044080.D
Acq: 08 Jun 2021 00:57

Tgt Ion: 43 Resp: 310334
Ion Ratio Lower Upper
43 100
58 20.7 29.0 87.1#

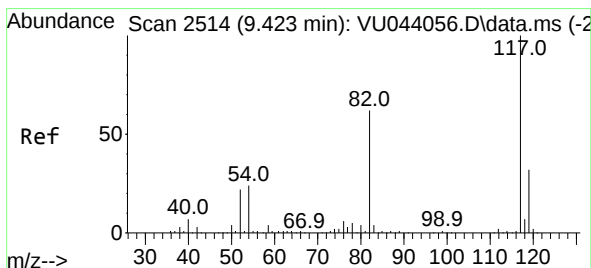
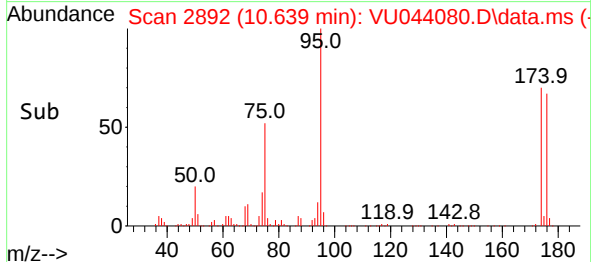
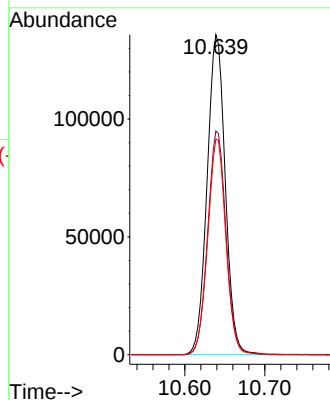
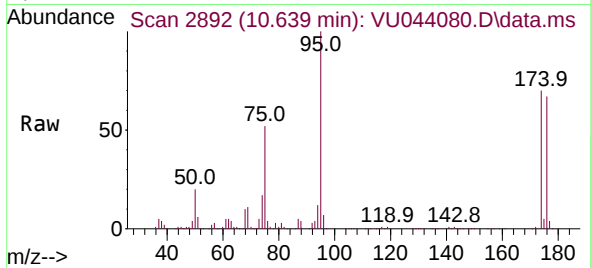




#62
4-Bromofluorobenzene
Concen: 46.952 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.000 min
Lab File: VU044080.D
Acq: 08 Jun 2021 00:57

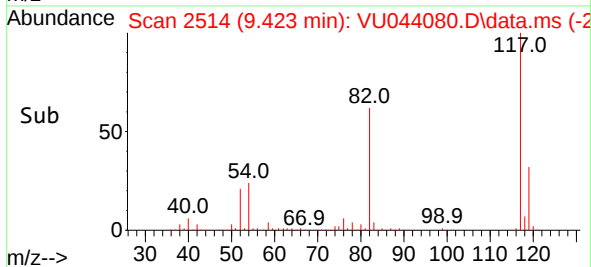
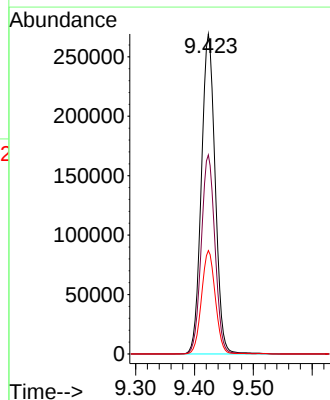
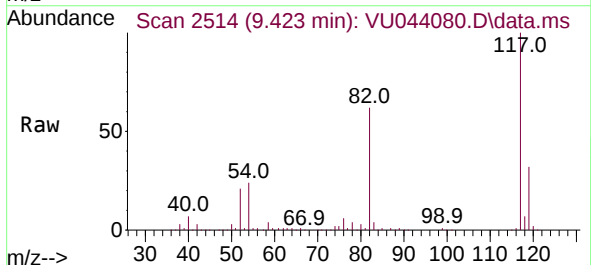
Instrument :
MSVOA_U
ClientSampleId :
18-B9(0-2)

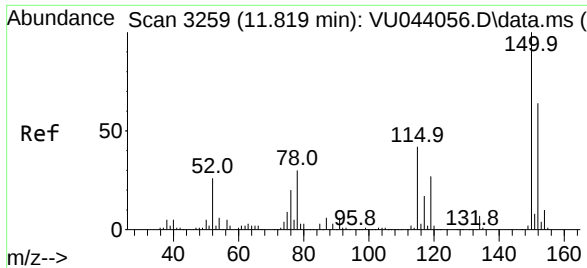
Tgt Ion: 95 Resp: 214601
Ion Ratio Lower Upper
95 100
174 70.6 0.0 141.0
176 67.3 0.0 135.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU044080.D
Acq: 08 Jun 2021 00:57

Tgt Ion: 117 Resp: 438198
Ion Ratio Lower Upper
117 100
82 62.2 50.0 75.0
119 32.3 25.9 38.9

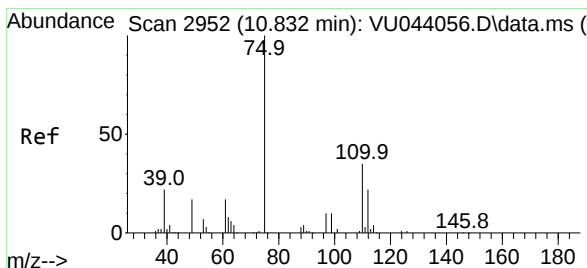
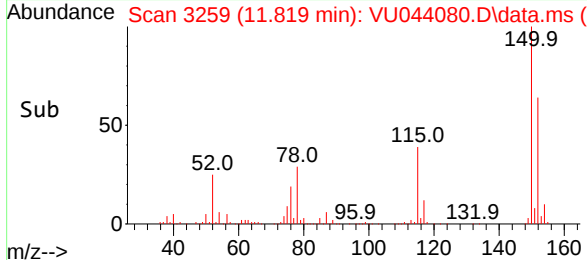
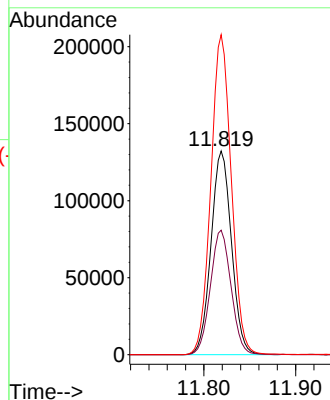
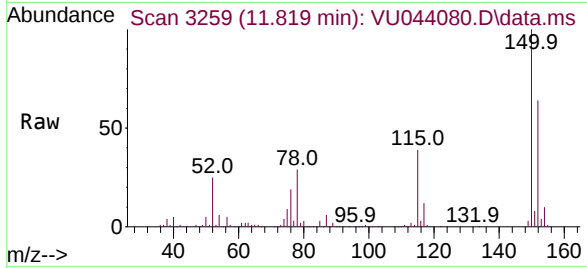




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU044080.D
 Acq: 08 Jun 2021 00:57

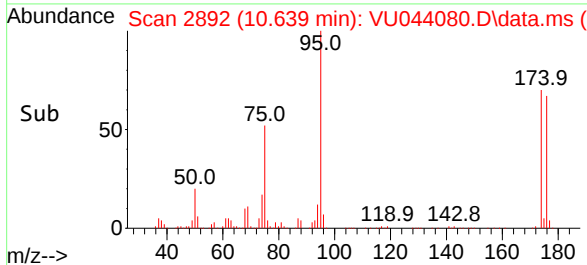
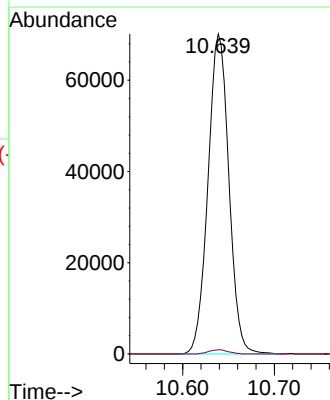
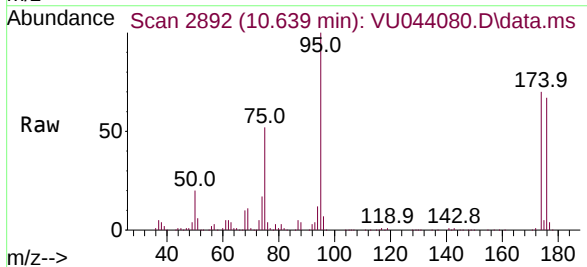
Instrument :
 MSVOA_U
 ClientSampled :
 18-B9(0-2)

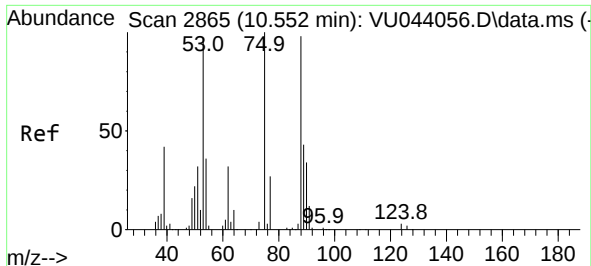
Tgt Ion:152 Resp: 205185
 Ion Ratio Lower Upper
 152 100
 115 61.6 44.6 134.0
 150 156.7 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 19.341 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.193 min
 Lab File: VU044080.D
 Acq: 08 Jun 2021 00:57

Tgt Ion: 75 Resp: 111017
 Ion Ratio Lower Upper
 75 100
 77 1.2 16.9 50.6#

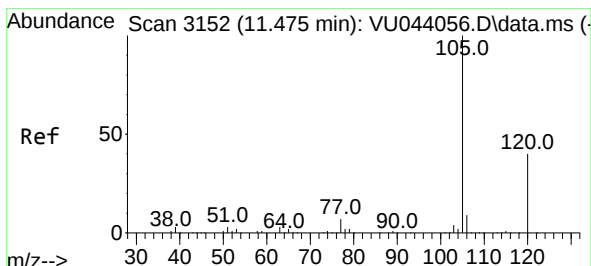
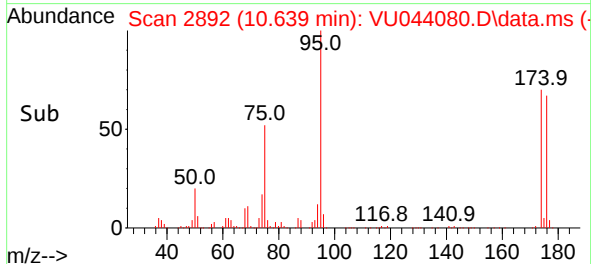
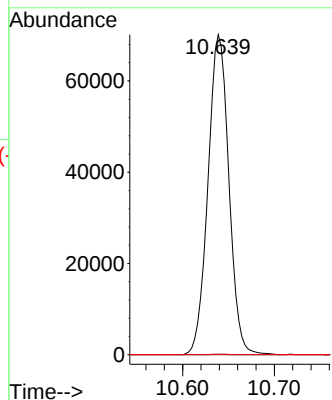
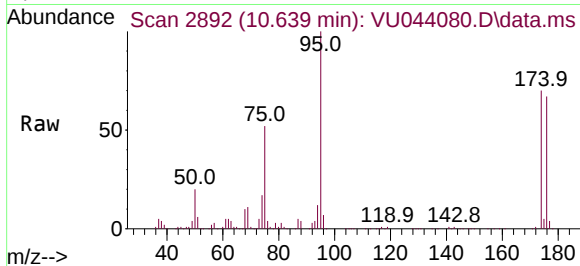




#81
trans-1,4-Dichloro-2-butene
Concen: 56.476 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.087 min
Lab File: VU044080.D
Acq: 08 Jun 2021 00:57

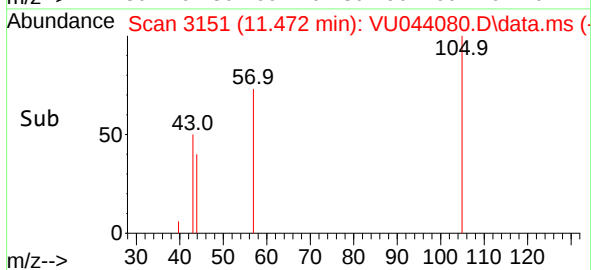
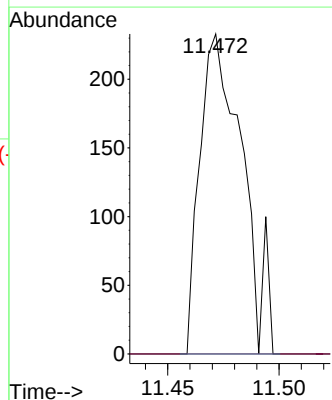
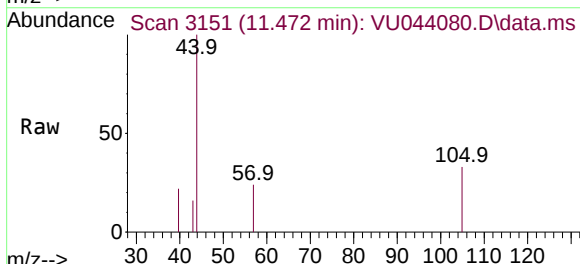
Instrument :
MSVOA_U
ClientSampleId :
18-B9(0-2)

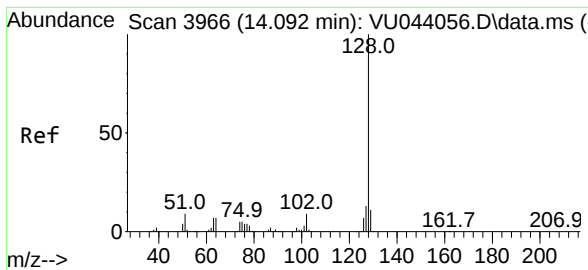
Tgt Ion: 75 Resp: 111017
Ion Ratio Lower Upper
75 100
53 0.1 76.9 115.3#
89 0.0 33.8 50.8#



#84
1,2,4-Trimethylbenzene
Concen: 0.972 ug/l
RT: 11.472 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VU044080.D
Acq: 08 Jun 2021 00:57

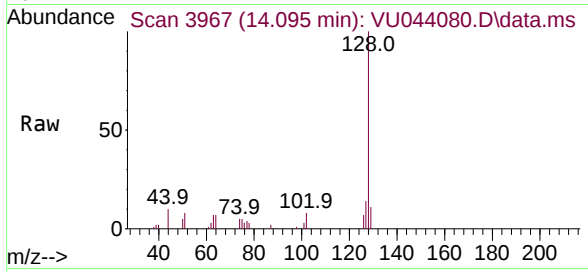
Tgt Ion: 105 Resp: 308
Ion Ratio Lower Upper
105 100
120 0.0 21.9 65.7#





#95
Naphthalene
Concen: 3.959 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU044080.D
Acq: 08 Jun 2021 00:57

Instrument :
MSVOA_U
ClientSampleId :
18-B9(0-2)



Tgt Ion:	128	Resp:	16515
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.2	15.4
129	9.9	8.7	13.1

