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 Data File : VU044121.D
 Acq On : 08 Jun 2021 18:30
 Operator : SY/MD
 Sample : M25280-25
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

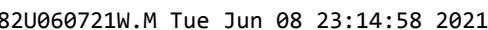
Instrument :
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 ClientSampleId :

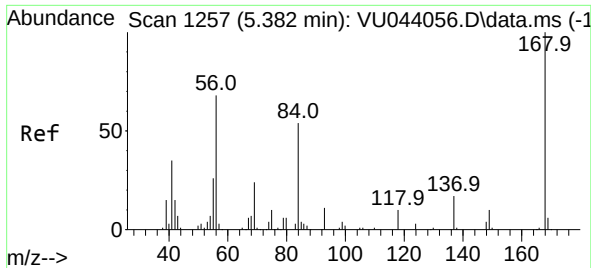
Quant Time: Jun 08 23:14:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U060721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 08 17:38:51 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.382	168	223645	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	445936	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	478350	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	221637	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	197534	50.716	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.440%	
35) Dibromofluoromethane	5.298	113	157491	49.490	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.980%	
50) Toluene-d8	7.906	98	611989	49.858	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.720%	
62) 4-Bromofluorobenzene	10.639	95	227859	46.886	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.780%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	1148	Below Cal	#	88
5) Bromomethane	1.842	94	626	0.365	ug/l	97
11) Tert butyl alcohol	3.195	59	7398	7.661	ug/l #	72
16) Acetone	2.633	43	45049	20.040	ug/l	95
18) Methyl Acetate	2.957	43	1900	0.383	ug/l #	90
20) Methylene Chloride	3.054	84	10543	1.479	ug/l	97
23) Vinyl Acetate	4.067	43	2615	0.290	ug/l #	73
25) 2-Butanone	4.716	43	9648	3.008	ug/l	91
29) Tetrahydrofuran	5.076	42	866	0.486	ug/l #	36
31) Cyclohexane	5.382	56	5383	1.001	ug/l #	1
36) 1,1-Dichloropropene	5.382	75	20480	4.076	ug/l #	50
37) Ethyl Acetate	4.716	43	9648	1.524	ug/l #	68
38) Carbon Tetrachloride	5.382	117	24096	5.308	ug/l #	18
43) Isopropyl Acetate	5.922	43	2559	0.286	ug/l #	95
48) Methyl methacrylate	6.899	41	7166	1.624	ug/l #	22
51) 4-Methyl-2-Pentanone	7.800	43	8827	1.328	ug/l	97
54) cis-1,3-Dichloropropene	7.745	75	26869	4.373	ug/l #	64
56) Ethyl methacrylate	8.237	69	140	3.405	ug/l #	26
57) 1,3-Dichloropropane	8.732	76	4468	0.660	ug/l #	42
59) 2-Hexanone	8.732	43	54660	10.583	ug/l #	52
76) 1,2,3-Trichloropropane	10.639	75	116664	18.816	ug/l #	43
81) trans-1,4-Dichloro-2-b...	10.639	75	116664	54.944	ug/l #	11
84) 1,2,4-Trimethylbenzene	11.478	105	805	1.004	ug/l	70
95) Naphthalene	14.095	128	8856	3.398	ug/l	100

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

Quant Time: Jun 08 23:14:54 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U060721W.M
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QLast Update : Tue Jun 08 17:38:51 2021
Response via : Initial Calibration

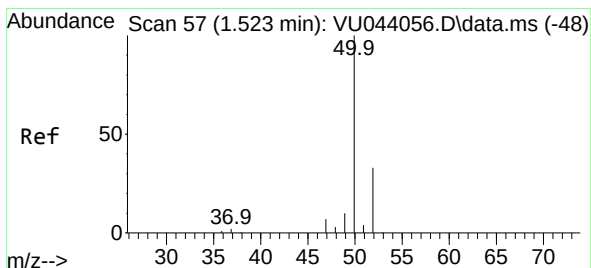
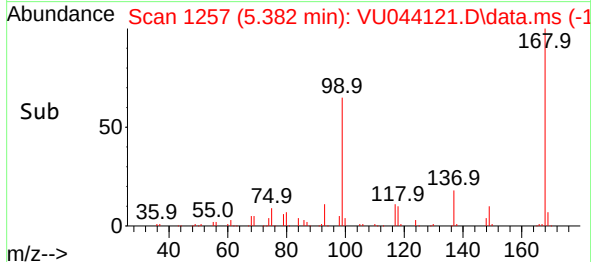
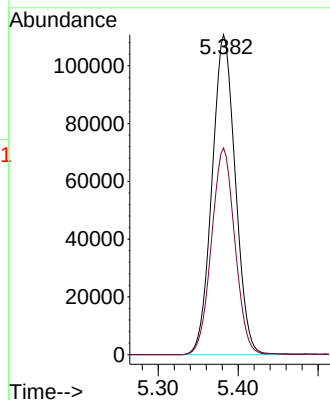
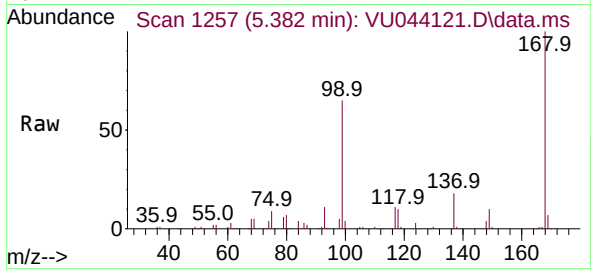




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU044121.D
Acq: 08 Jun 2021 18:30

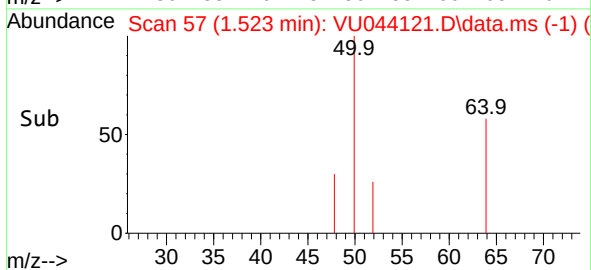
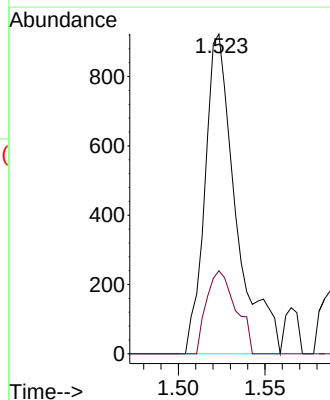
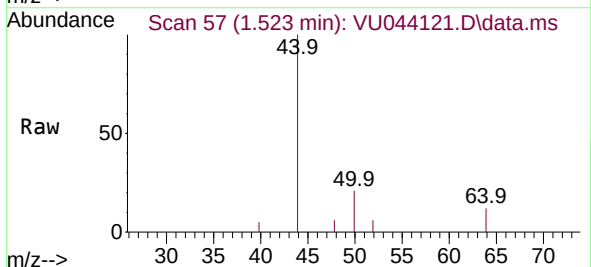
Instrument :
MSVOA_U
ClientSampled :

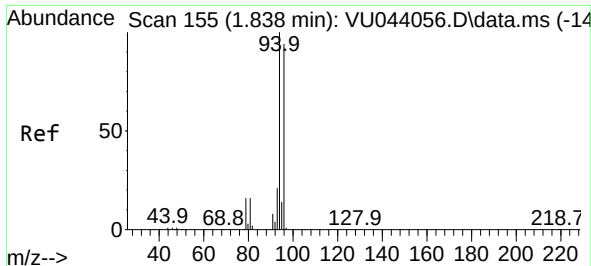
Tgt Ion:168 Resp: 223645
Ion Ratio Lower Upper
168 100
99 64.6 52.6 78.8



#3
Chloromethane
Concen: Below Cal
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU044121.D
Acq: 08 Jun 2021 18:30

Tgt Ion: 50 Resp: 1148
Ion Ratio Lower Upper
50 100
52 26.0 26.2 39.2#

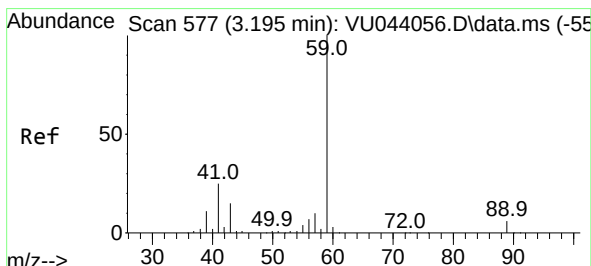
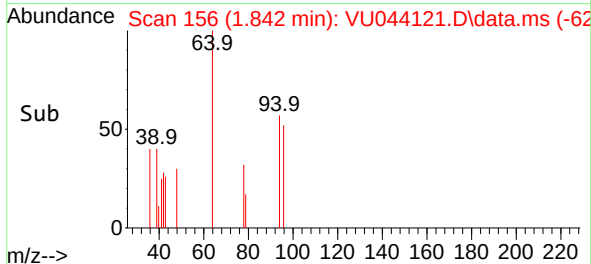
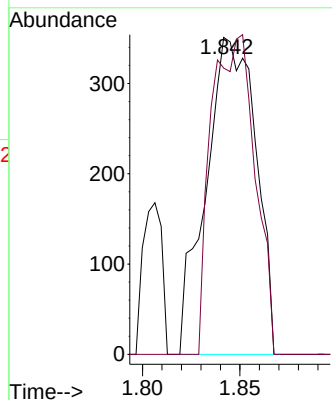
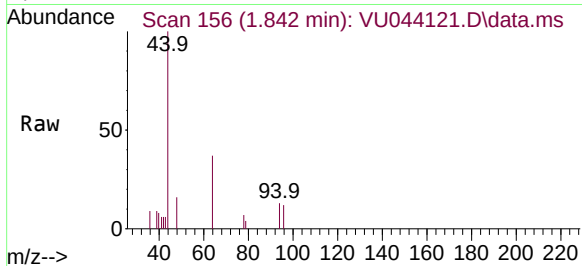




#5
Bromomethane
Concen: 0.365 ug/l
RT: 1.842 min Scan# 156
Delta R.T. 0.004 min
Lab File: VU044121.D
Acq: 08 Jun 2021 18:30

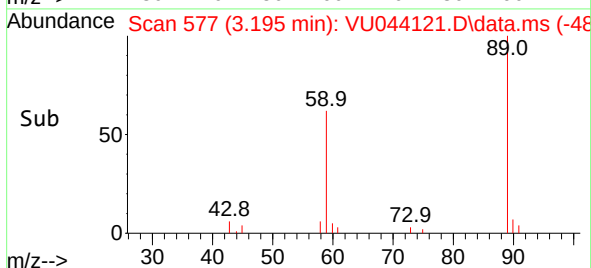
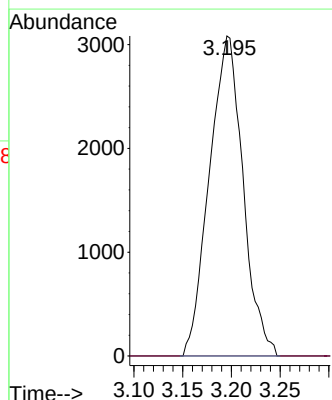
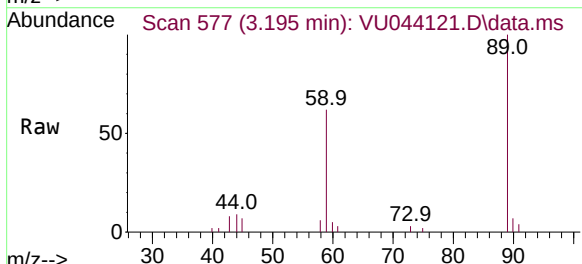
Instrument :
MSVOA_U
ClientSampleId :

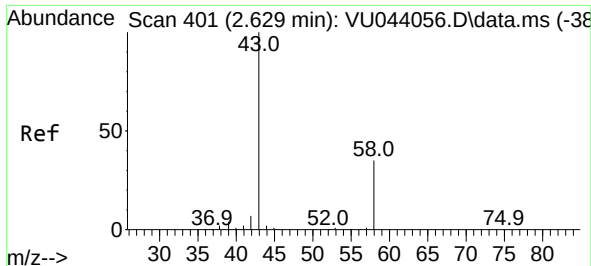
Tgt Ion: 94 Resp: 626
Ion Ratio Lower Upper
94 100
96 90.3 74.8 112.2



#11
Tert butyl alcohol
Concen: 7.661 ug/l
RT: 3.195 min Scan# 577
Delta R.T. 0.000 min
Lab File: VU044121.D
Acq: 08 Jun 2021 18:30

Tgt Ion: 59 Resp: 7398
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

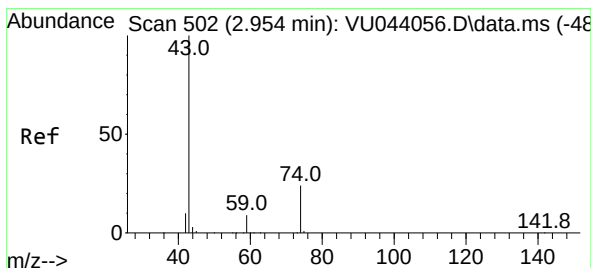
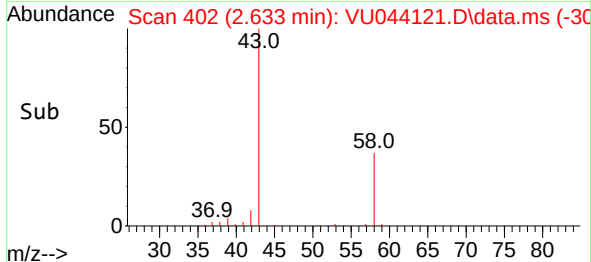
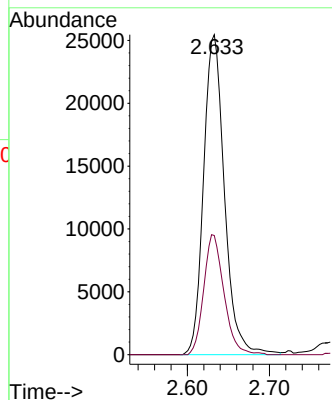
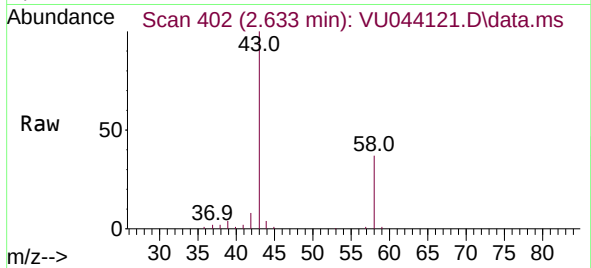




#16
Acetone
Concen: 20.040 ug/l
RT: 2.633 min Scan# 402
Delta R.T. 0.004 min
Lab File: VU044121.D
Acq: 08 Jun 2021 18:30

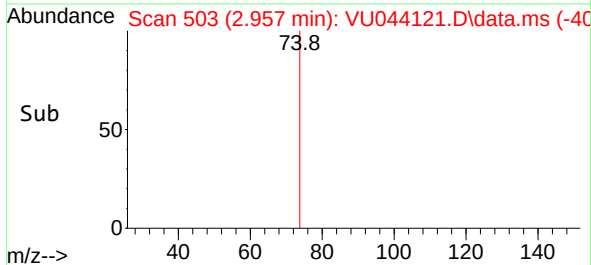
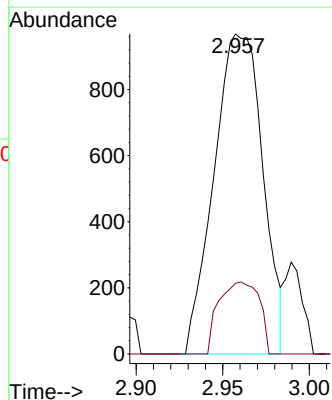
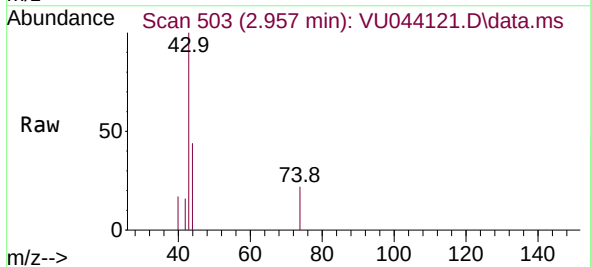
Instrument :
MSVOA_U
ClientSampled :

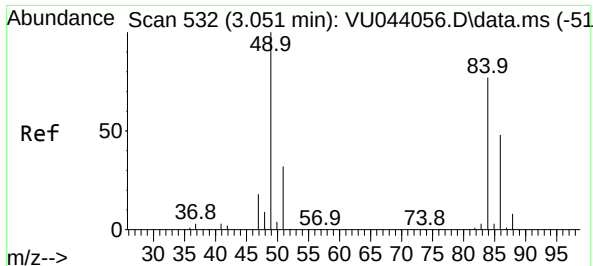
Tgt Ion: 43 Resp: 45049
Ion Ratio Lower Upper
43 100
58 37.2 27.7 41.5



#18
Methyl Acetate
Concen: 0.383 ug/l
RT: 2.957 min Scan# 503
Delta R.T. 0.003 min
Lab File: VU044121.D
Acq: 08 Jun 2021 18:30

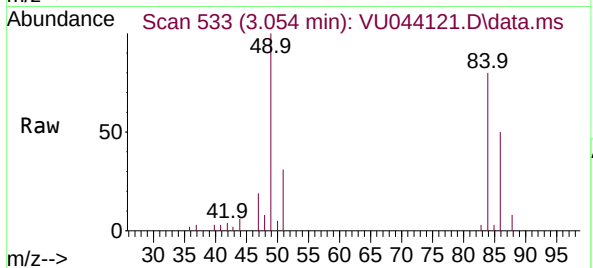
Tgt Ion: 43 Resp: 1900
Ion Ratio Lower Upper
43 100
74 18.6 18.7 28.1#



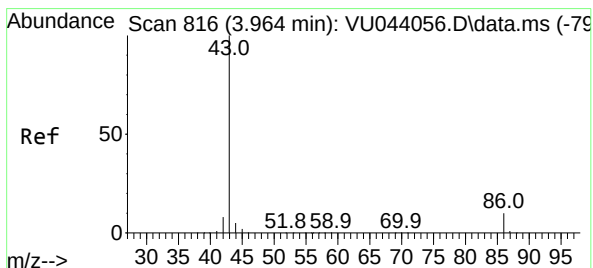
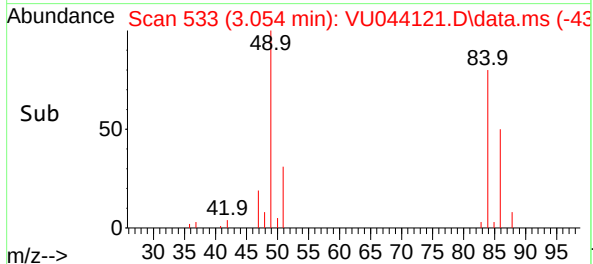
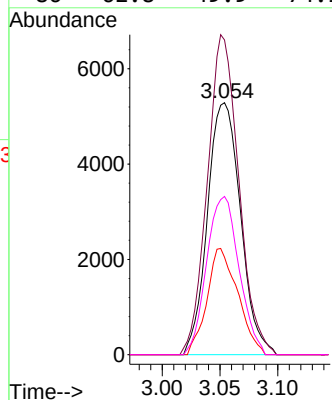


#20
Methylene Chloride
Concen: 1.479 ug/l
RT: 3.054 min Scan# 533
Delta R.T. 0.003 min
Lab File: VU044121.D
Acq: 08 Jun 2021 18:30

Instrument :
MSVOA_U
ClientSampled :

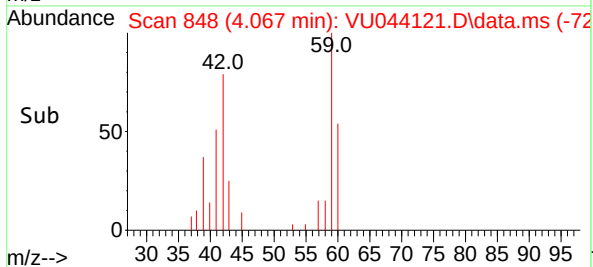
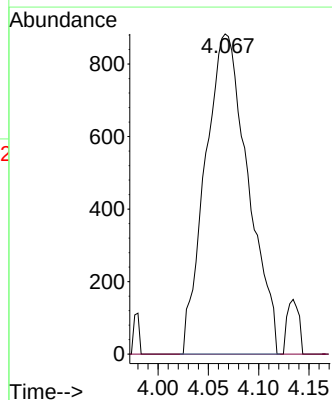
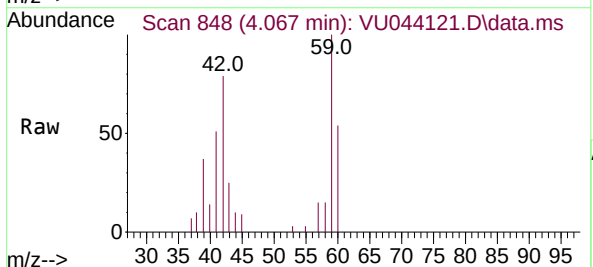


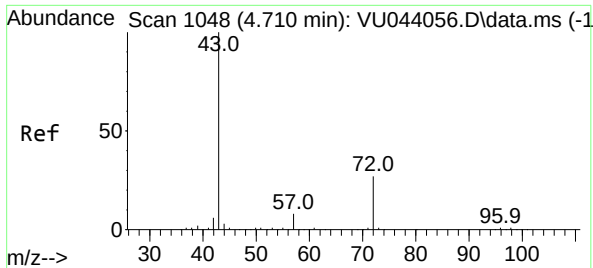
Tgt Ion:	84	Resp:	10543
Ion	Ratio	Lower	Upper
84	100		
49	124.9	103.6	155.4
51	38.7	32.8	49.2
86	62.8	49.9	74.9



#23
Vinyl Acetate
Concen: 0.290 ug/l
RT: 4.067 min Scan# 848
Delta R.T. 0.103 min
Lab File: VU044121.D
Acq: 08 Jun 2021 18:30

Tgt Ion:	43	Resp:	2615
Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.2	12.2#

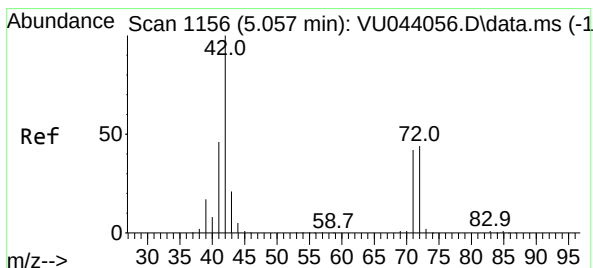
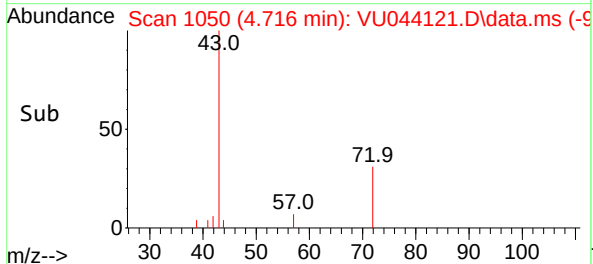
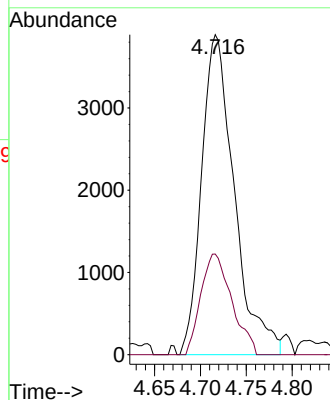
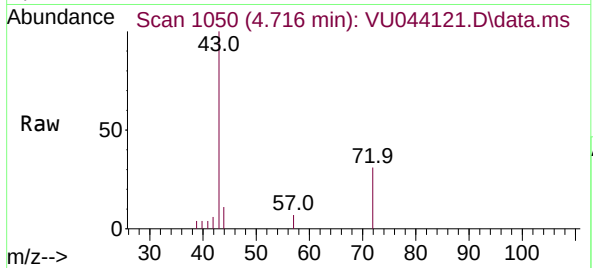




#25
2-Butanone
Concen: 3.008 ug/l
RT: 4.716 min Scan# 1050
Delta R.T. 0.006 min
Lab File: VU044121.D
Acq: 08 Jun 2021 18:30

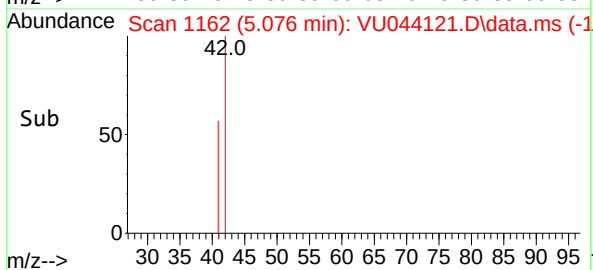
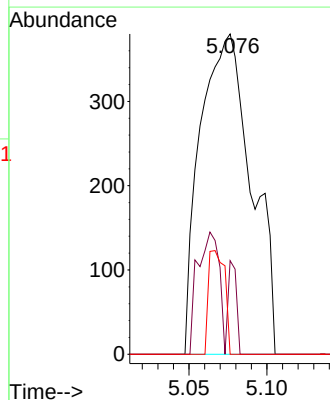
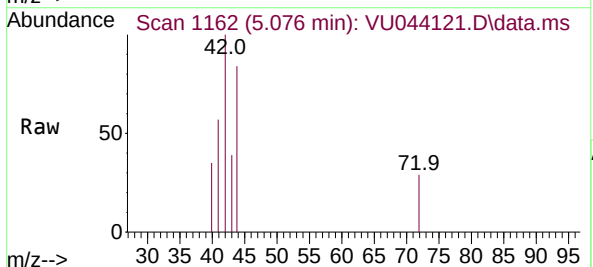
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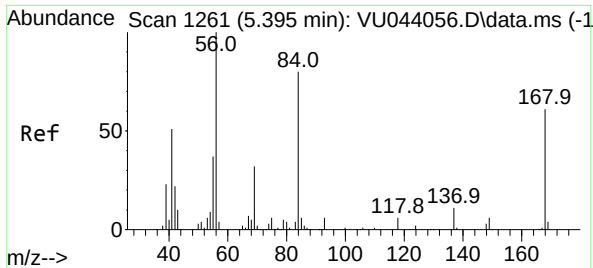
Tgt Ion: 43 Resp: 9648
Ion Ratio Lower Upper
43 100
72 31.4 21.4 32.2



#29
Tetrahydrofuran
Concen: 0.486 ug/l
RT: 5.076 min Scan# 1162
Delta R.T. 0.019 min
Lab File: VU044121.D
Acq: 08 Jun 2021 18:30

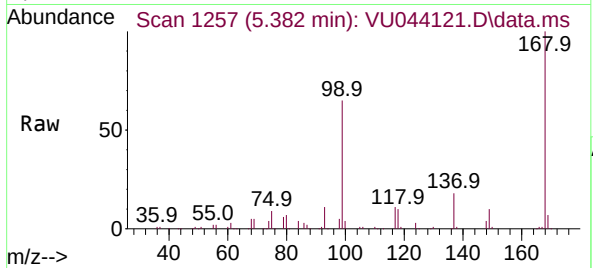
Tgt Ion: 42 Resp: 866
Ion Ratio Lower Upper
42 100
72 4.7 35.6 53.4#
71 0.0 33.3 49.9#



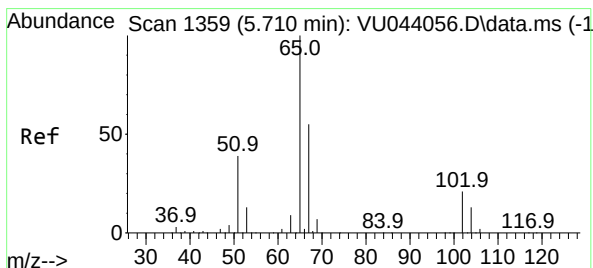
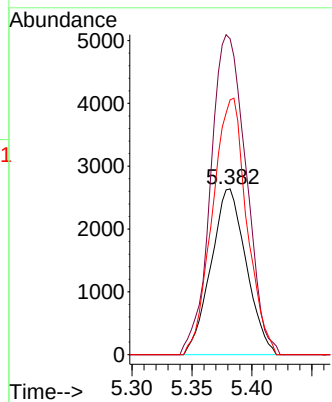
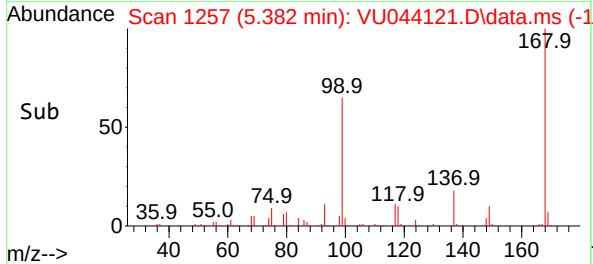


#31
Cyclohexane
Concen: 1.001 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.013 min
Lab File: VU044121.D
Acq: 08 Jun 2021 18:30

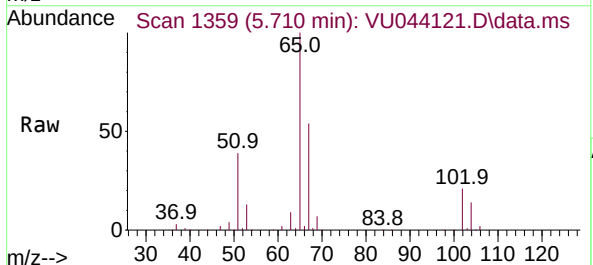
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MSVOA_U
ClientSampled :



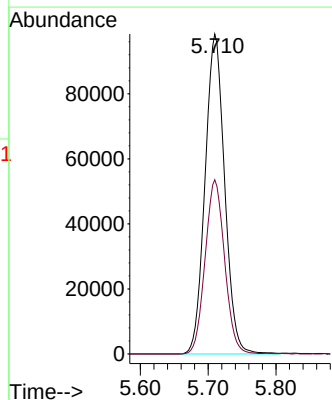
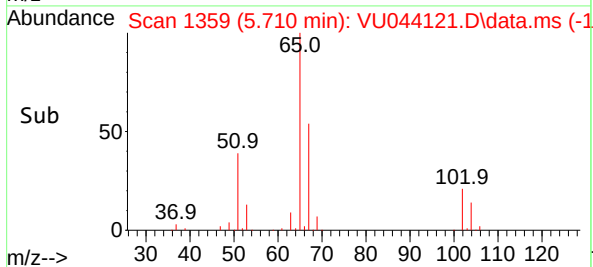
Tgt Ion: 56 Resp: 5383
Ion Ratio Lower Upper
56 100
69 190.6 25.4 38.2#
84 153.8 64.2 96.2#

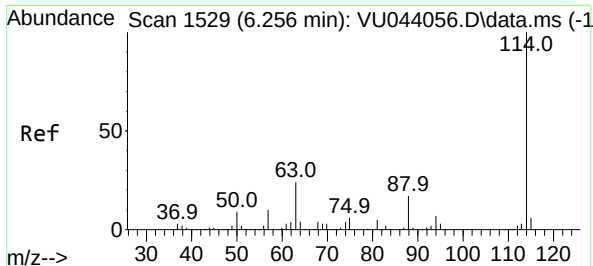


#33
1,2-Dichloroethane-d4
Concen: 50.716 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU044121.D
Acq: 08 Jun 2021 18:30



Tgt Ion: 65 Resp: 197534
Ion Ratio Lower Upper
65 100
67 54.1 0.0 109.2

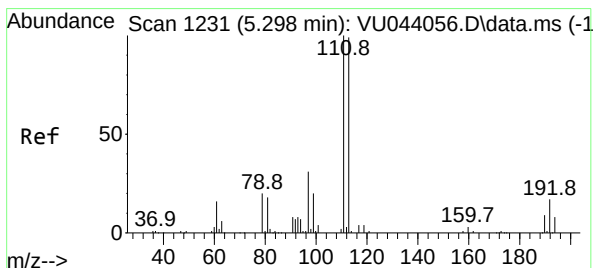
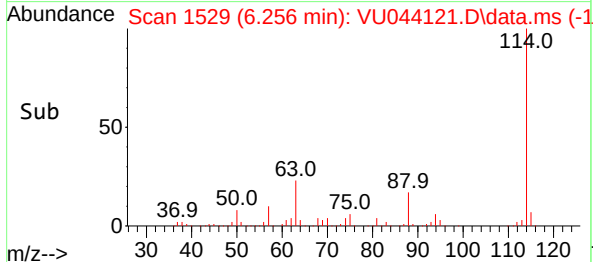
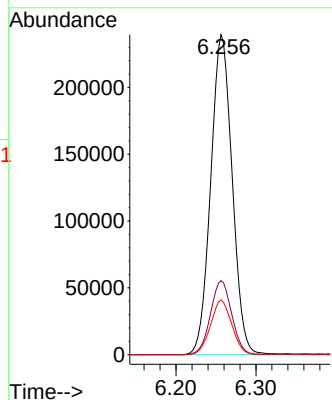
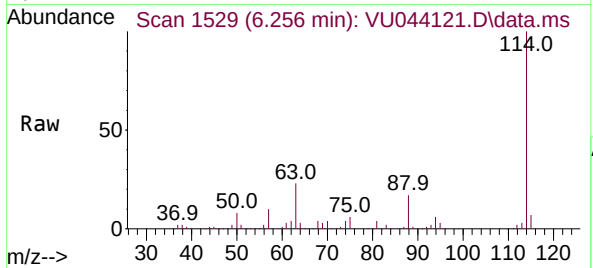




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU044121.D
Acq: 08 Jun 2021 18:30

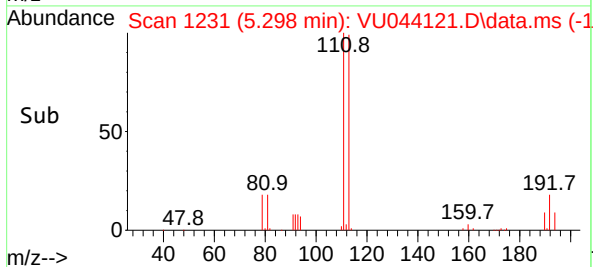
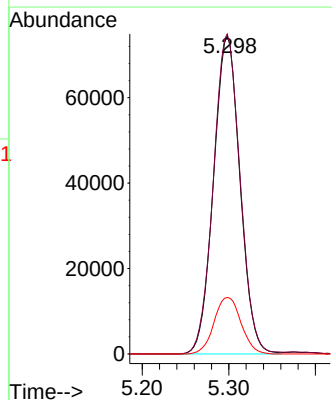
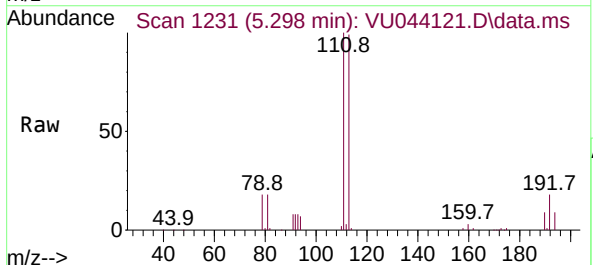
Instrument :
MSVOA_U
ClientSampleId :

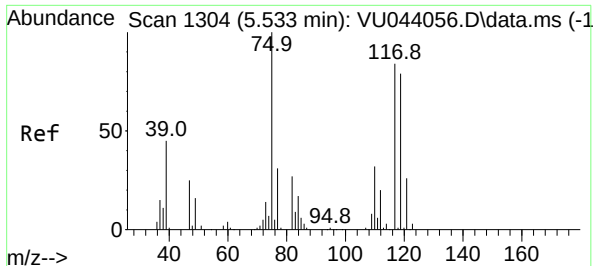
Tgt Ion:114 Resp: 445936
Ion Ratio Lower Upper
114 100
63 23.2 0.0 48.4
88 17.1 0.0 34.4



#35
Dibromofluoromethane
Concen: 49.490 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU044121.D
Acq: 08 Jun 2021 18:30

Tgt Ion:113 Resp: 157491
Ion Ratio Lower Upper
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111 101.8 82.1 123.1
192 18.2 13.8 20.8

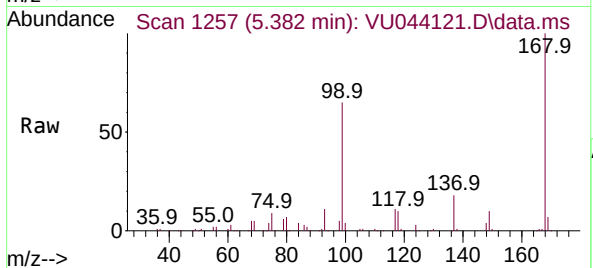




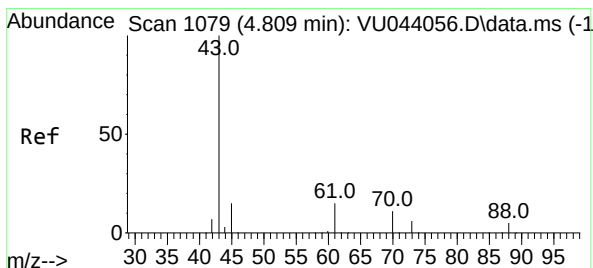
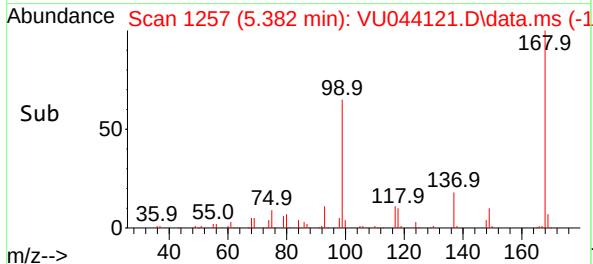
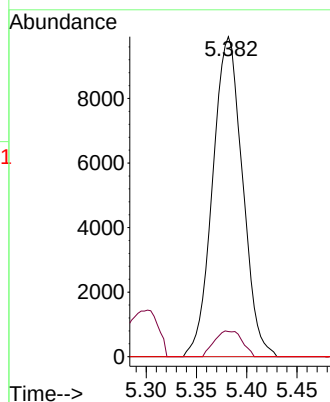
#36

1,1-Dichloropropene
Concen: 4.076 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU044121.D
Acq: 08 Jun 2021 18:30

Instrument :
MSVOA_U
ClientSampled :



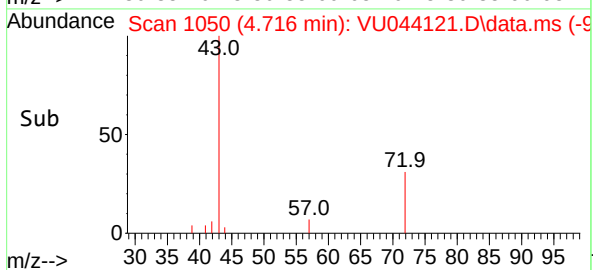
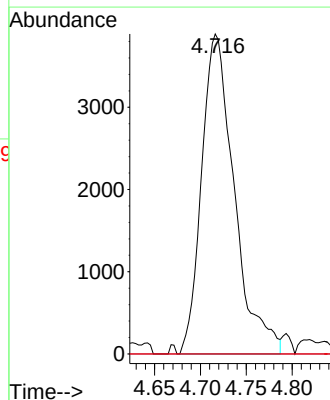
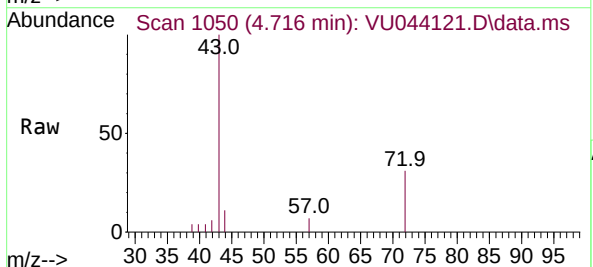
Tgt Ion:	75	Resp:	20480
Ion Ratio	Lower	Upper	
75	100		
110	7.4	15.9	47.7#
77	0.0	25.0	37.4#

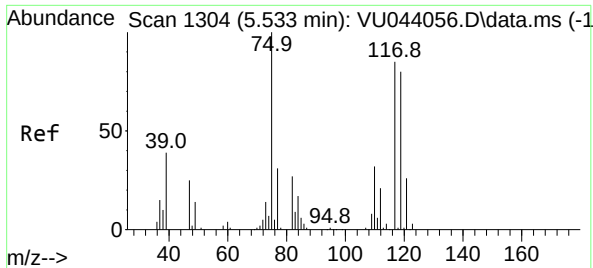


#37

Ethyl Acetate
Concen: 1.524 ug/l
RT: 4.716 min Scan# 1050
Delta R.T. -0.093 min
Lab File: VU044121.D
Acq: 08 Jun 2021 18:30

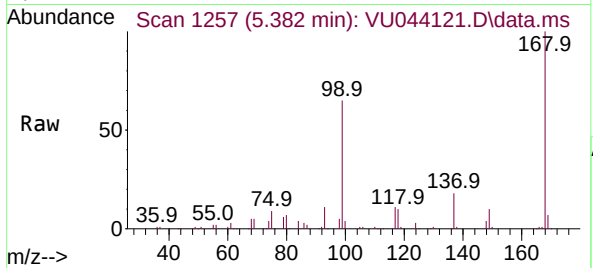
Tgt Ion:	43	Resp:	9648
Ion Ratio	Lower	Upper	
43	100		
61	0.0	11.4	17.2#
70	0.0	8.6	12.8#



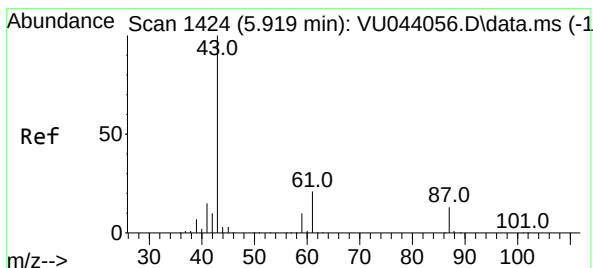
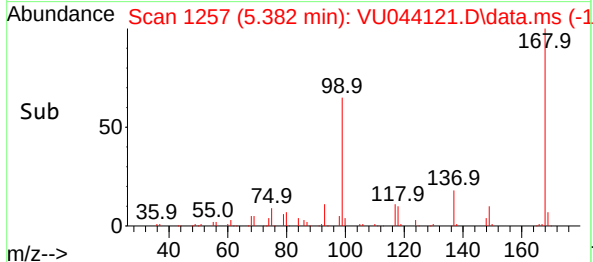
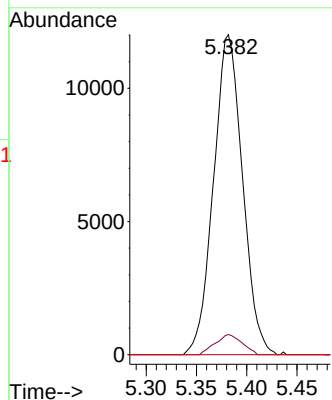


#38
Carbon Tetrachloride
Concen: 5.308 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU044121.D
Acq: 08 Jun 2021 18:30

Instrument :
MSVOA_U
ClientSampled :

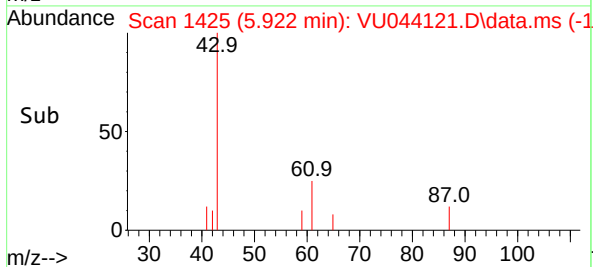
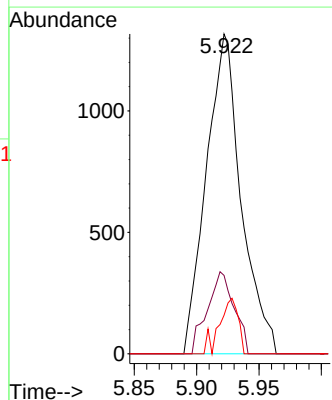
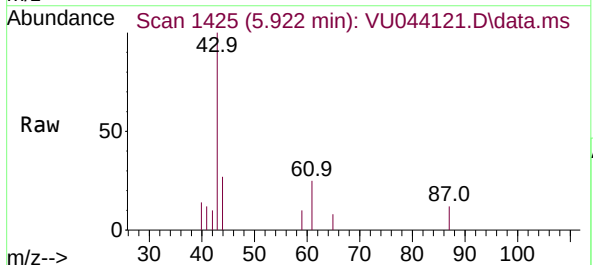


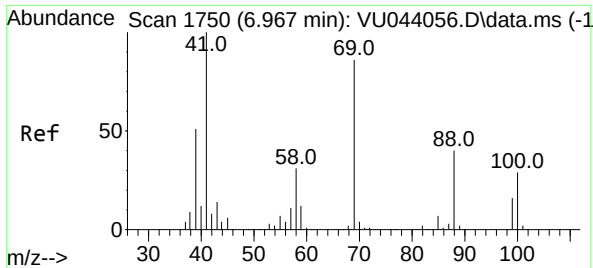
Tgt Ion:117 Resp: 24096
Ion Ratio Lower Upper
117 100
119 6.3 75.4 113.2#
121 0.0 24.5 36.7#



#43
Isopropyl Acetate
Concen: 0.286 ug/l
RT: 5.922 min Scan# 1425
Delta R.T. 0.003 min
Lab File: VU044121.D
Acq: 08 Jun 2021 18:30

Tgt Ion: 43 Resp: 2559
Ion Ratio Lower Upper
43 100
61 19.8 16.8 25.2
87 9.3 10.2 15.2#

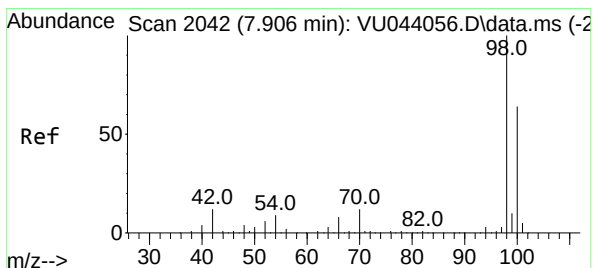
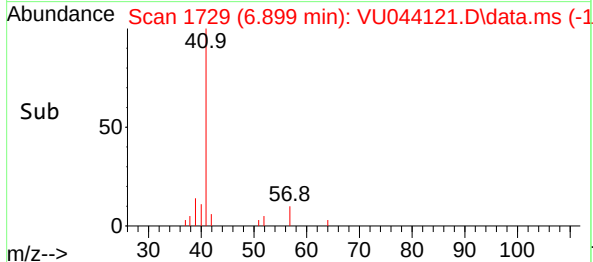
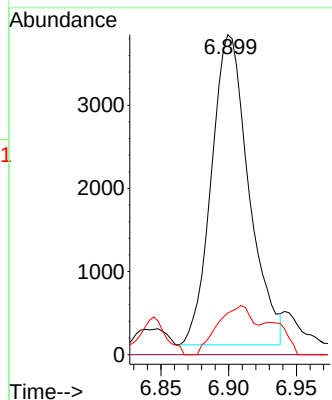
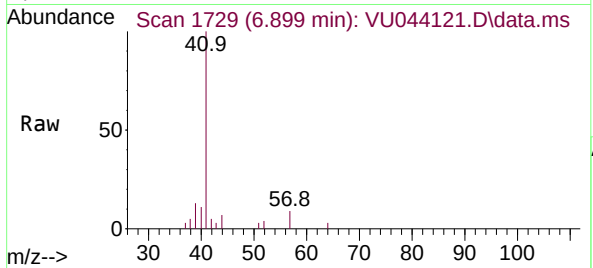




#48
Methyl methacrylate
Concen: 1.624 ug/l
RT: 6.899 min Scan# 1729
Delta R.T. -0.068 min
Lab File: VU044121.D
Acq: 08 Jun 2021 18:30

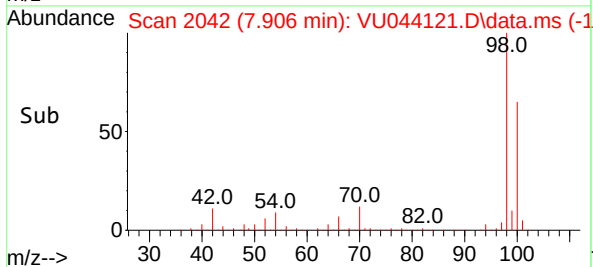
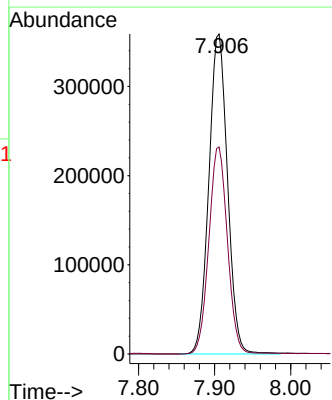
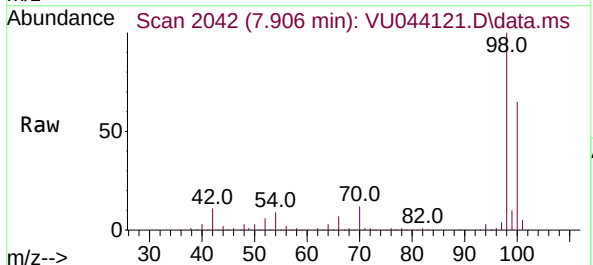
Instrument :
MSVOA_U
ClientSampleId :

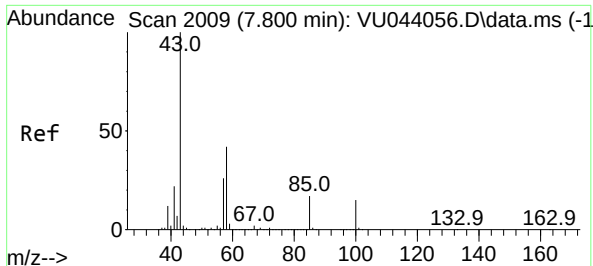
Tgt Ion: 41 Resp: 7166
Ion Ratio Lower Upper
41 100
69 0.0 68.9 103.3#
39 15.1 40.6 60.8#



#50
Toluene-d8
Concen: 49.858 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU044121.D
Acq: 08 Jun 2021 18:30

Tgt Ion: 98 Resp: 611989
Ion Ratio Lower Upper
98 100
100 64.6 51.6 77.4

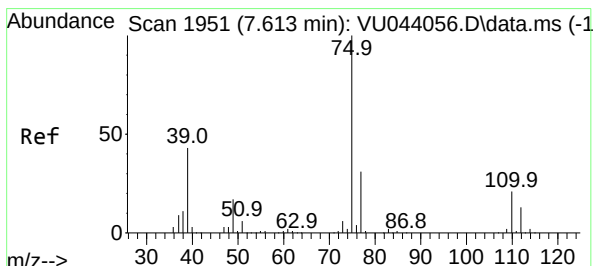
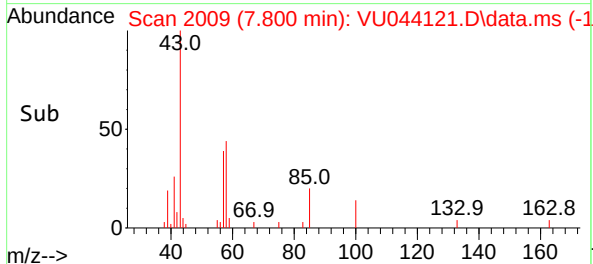
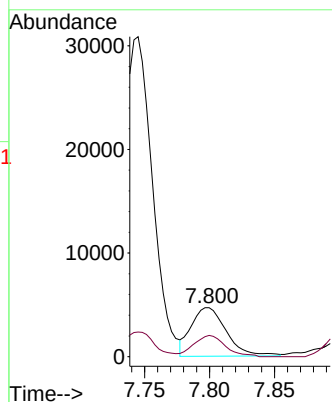
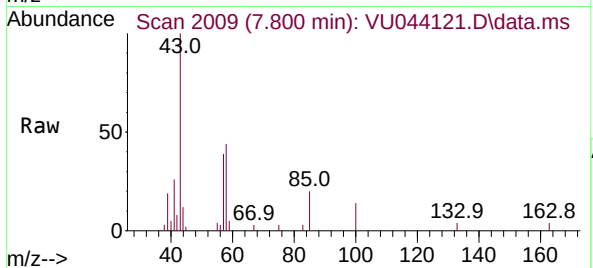




#51
4-Methyl-2-Pentanone
Concen: 1.328 ug/l
RT: 7.800 min Scan# 2009
Delta R.T. -0.000 min
Lab File: VU044121.D
Acq: 08 Jun 2021 18:30

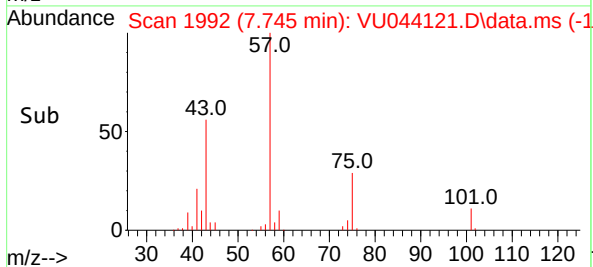
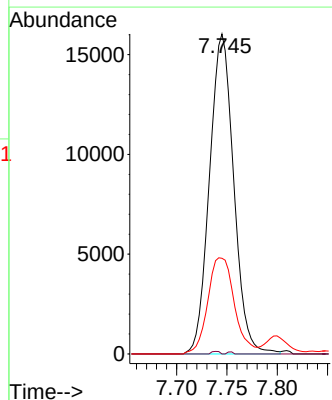
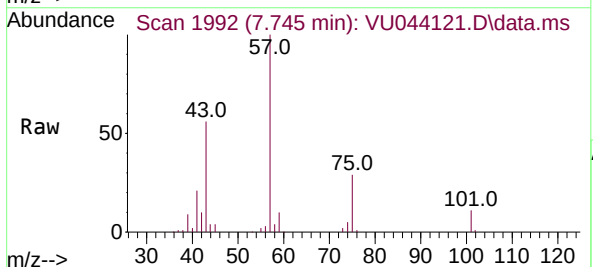
Instrument :
MSVOA_U
ClientSampled :

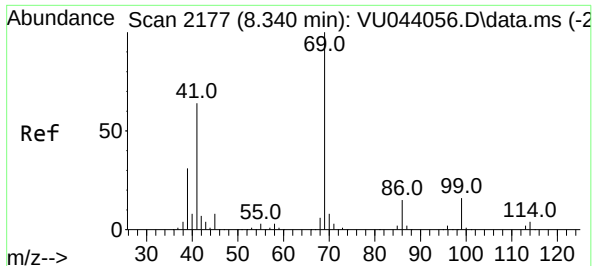
Tgt Ion: 43 Resp: 8827
Ion Ratio Lower Upper
43 100
58 39.6 33.3 49.9



#54
cis-1,3-Dichloropropene
Concen: 4.373 ug/l
RT: 7.745 min Scan# 1992
Delta R.T. 0.132 min
Lab File: VU044121.D
Acq: 08 Jun 2021 18:30

Tgt Ion: 75 Resp: 26869
Ion Ratio Lower Upper
75 100
77 0.0 25.0 37.4#
39 29.9 34.7 52.1#

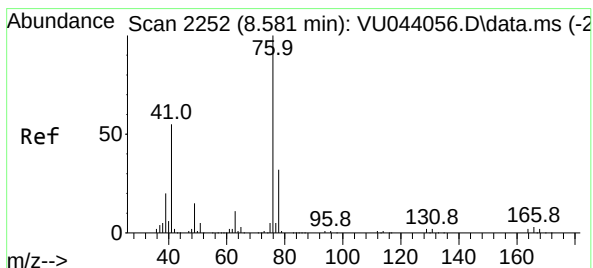
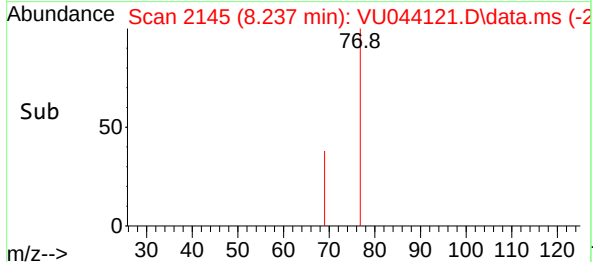
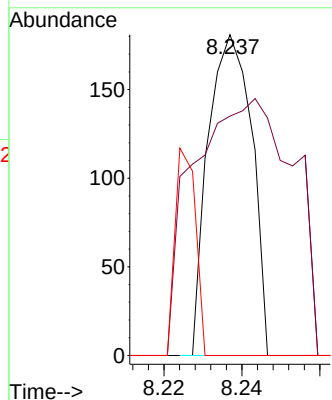
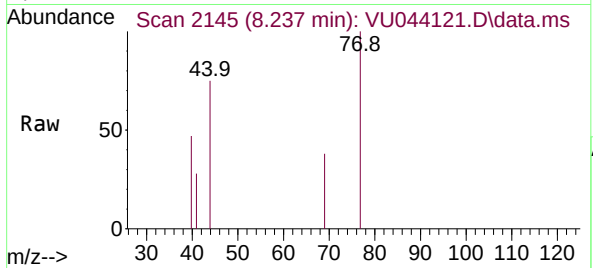




#56
Ethyl methacrylate
Concen: 3.405 ug/l
RT: 8.237 min Scan# 2145
Delta R.T. -0.103 min
Lab File: VU044121.D
Acq: 08 Jun 2021 18:30

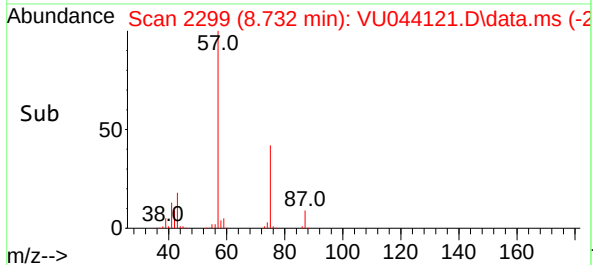
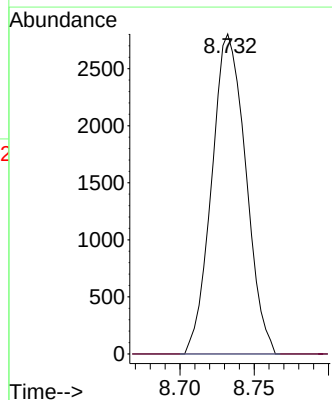
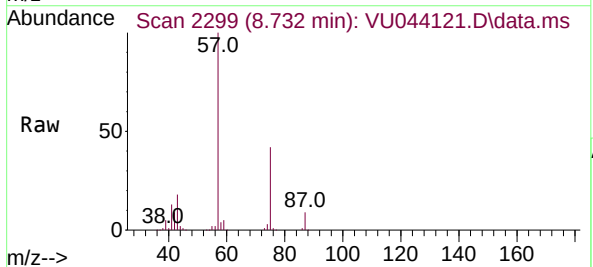
Instrument :
MSVOA_U
ClientSampled :

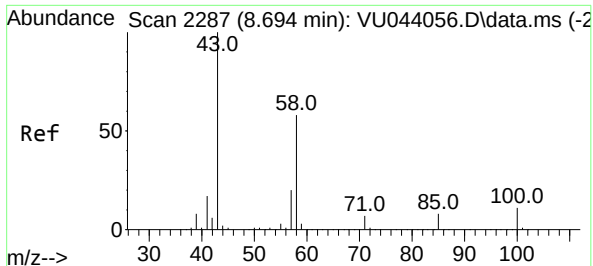
Tgt Ion: 69 Resp: 140
Ion Ratio Lower Upper
69 100
41 0.0 51.4 77.0#
39 0.0 24.9 37.3#



#57
1,3-Dichloropropane
Concen: 0.660 ug/l
RT: 8.732 min Scan# 2299
Delta R.T. 0.151 min
Lab File: VU044121.D
Acq: 08 Jun 2021 18:30

Tgt Ion: 76 Resp: 4468
Ion Ratio Lower Upper
76 100
78 0.0 25.9 38.9#

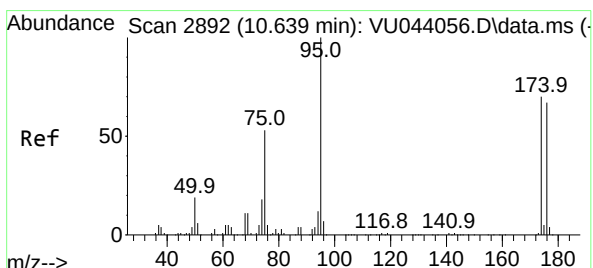
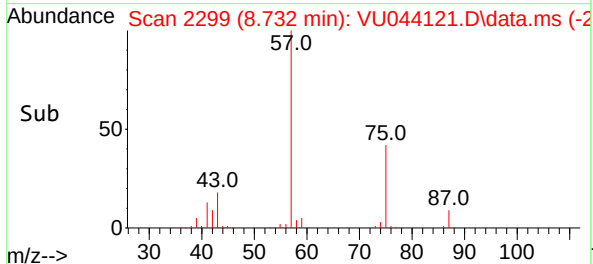
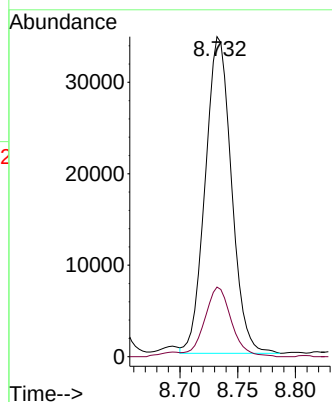
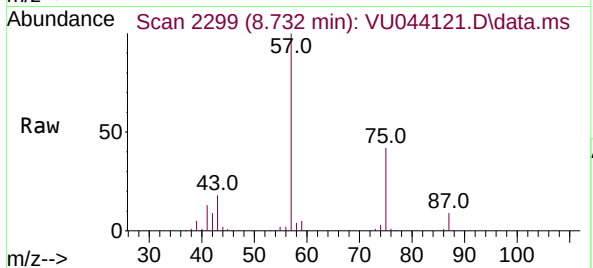




#59
2-Hexanone
Concen: 10.583 ug/l
RT: 8.732 min Scan# 2299
Delta R.T. 0.038 min
Lab File: VU044121.D
Acq: 08 Jun 2021 18:30

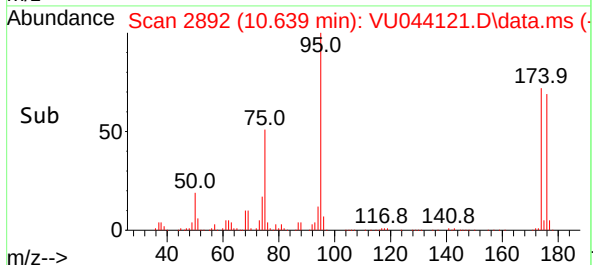
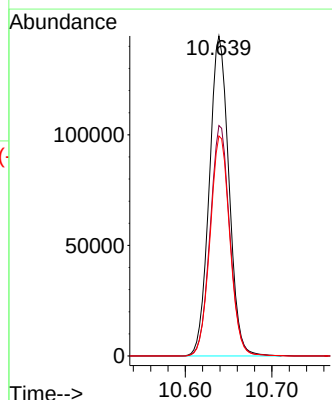
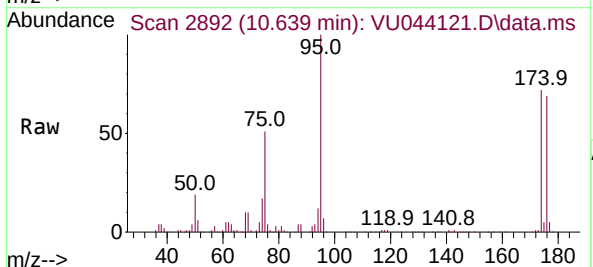
Instrument :
MSVOA_U
ClientSampleId :

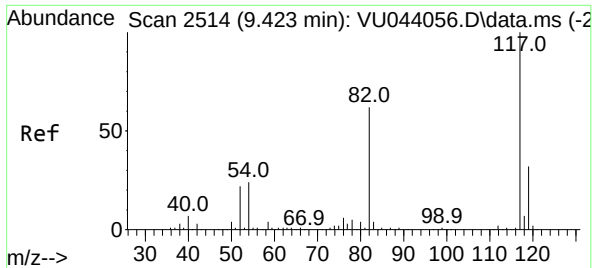
Tgt Ion: 43 Resp: 54660
Ion Ratio Lower Upper
43 100
58 22.5 29.0 87.1#



#62
4-Bromofluorobenzene
Concen: 46.886 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU044121.D
Acq: 08 Jun 2021 18:30

Tgt Ion: 95 Resp: 227859
Ion Ratio Lower Upper
95 100
174 72.2 0.0 141.0
176 69.2 0.0 135.2

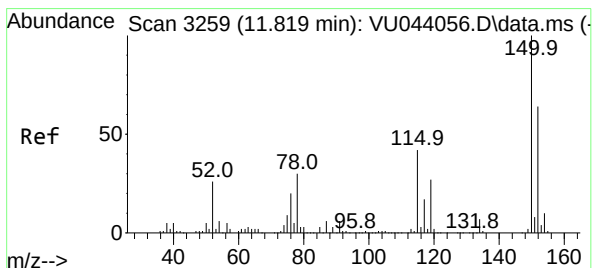
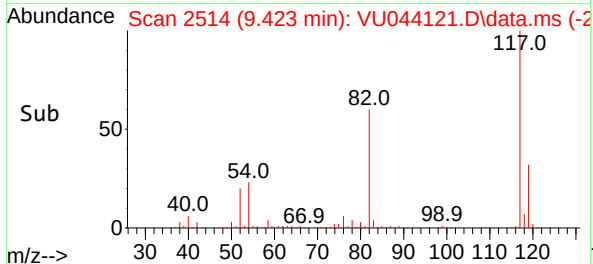
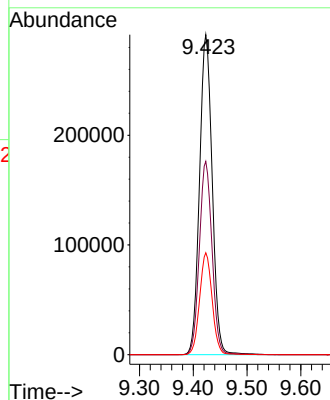
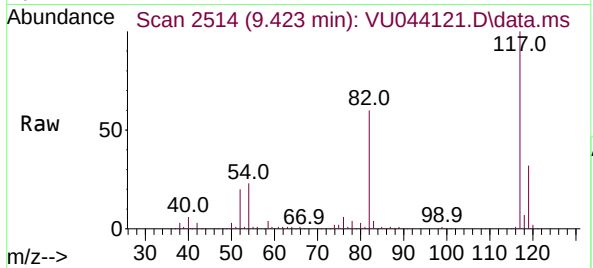




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU044121.D
Acq: 08 Jun 2021 18:30

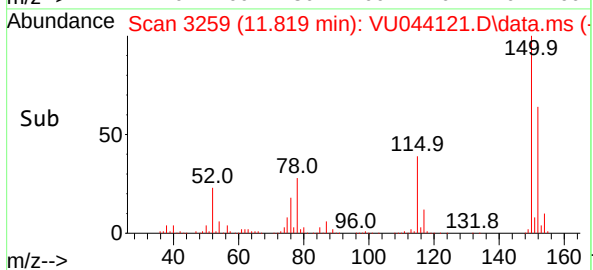
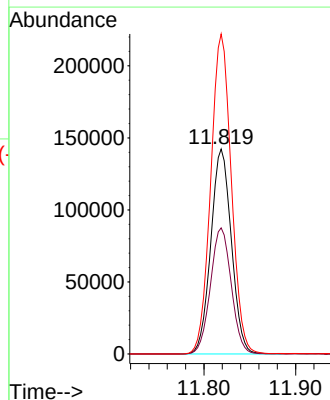
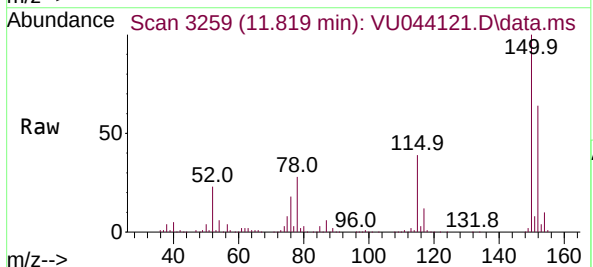
Instrument :
MSVOA_U
ClientSampleId :

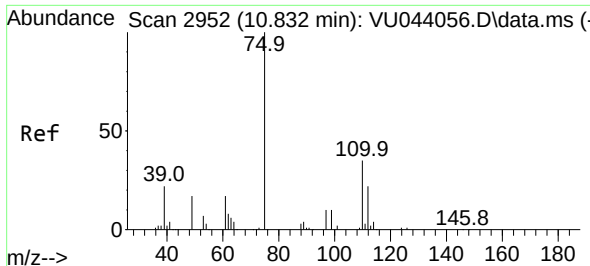
Tgt Ion:117 Resp: 478350
Ion Ratio Lower Upper
117 100
82 60.4 50.0 75.0
119 31.8 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU044121.D
Acq: 08 Jun 2021 18:30

Tgt Ion:152 Resp: 221637
Ion Ratio Lower Upper
152 100
115 62.3 44.6 134.0
150 156.0 0.0 347.8

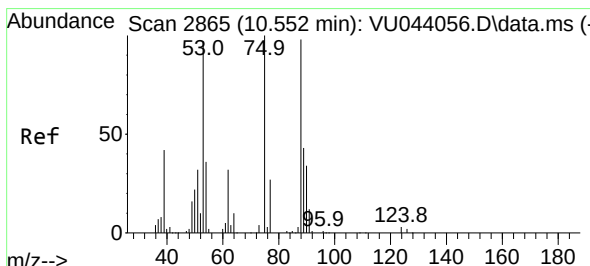
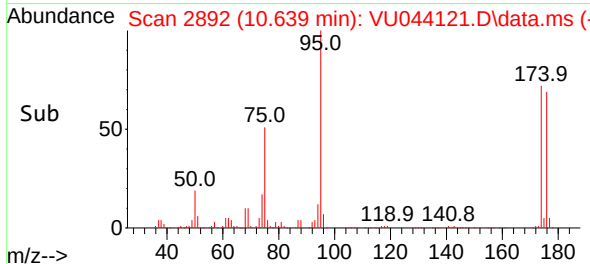
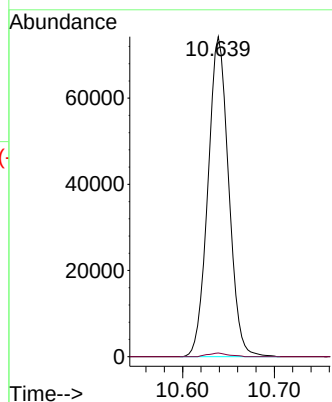
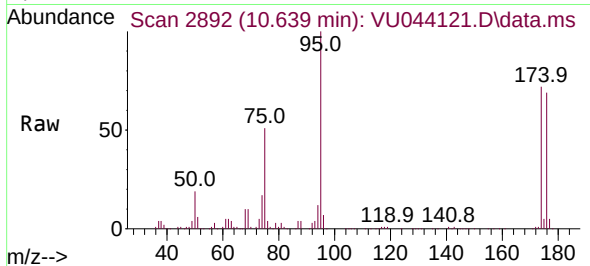




#76
1,2,3-Trichloropropane
Concen: 18.816 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.193 min
Lab File: VU044121.D
Acq: 08 Jun 2021 18:30

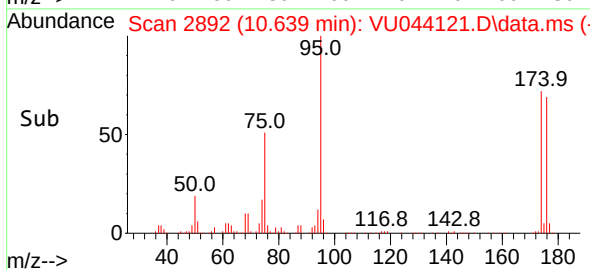
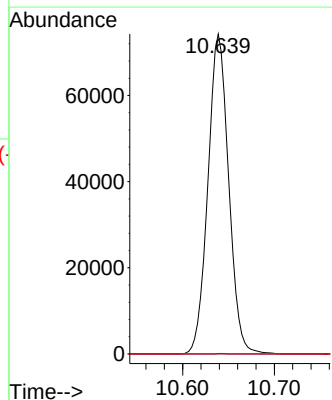
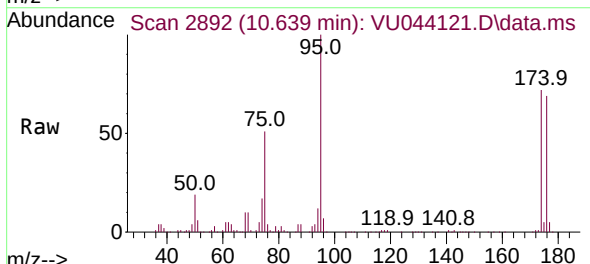
Instrument :
MSVOA_U
ClientSampled :

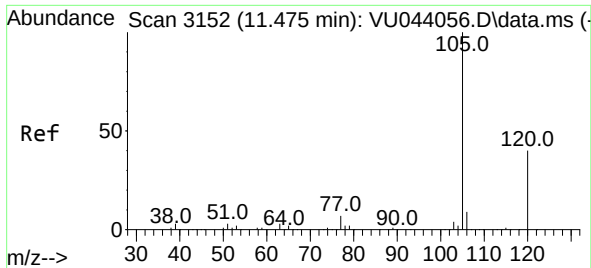
Tgt Ion: 75 Resp: 116664
Ion Ratio Lower Upper
75 100
77 1.1 16.9 50.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 54.944 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.087 min
Lab File: VU044121.D
Acq: 08 Jun 2021 18:30

Tgt Ion: 75 Resp: 116664
Ion Ratio Lower Upper
75 100
53 0.1 76.9 115.3#
89 0.0 33.8 50.8#

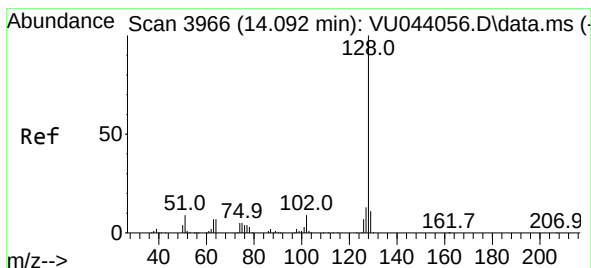
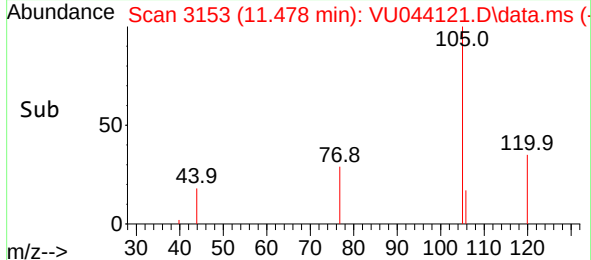
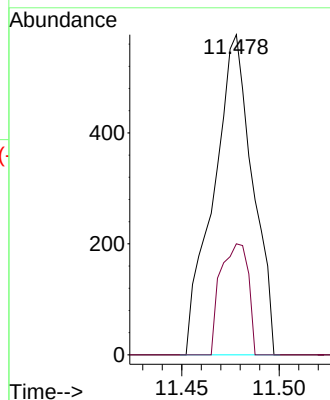
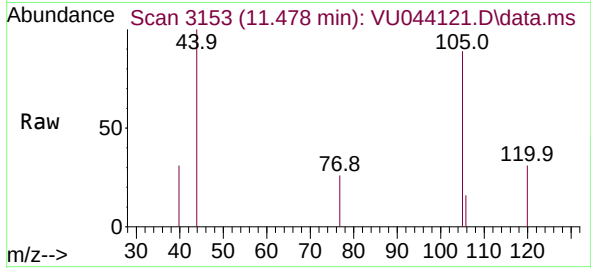




#84
1,2,4-Trimethylbenzene
Concen: 1.004 ug/l
RT: 11.478 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VU044121.D
Acq: 08 Jun 2021 18:30

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:105 Resp: 805
Ion Ratio Lower Upper
105 100
120 24.6 21.9 65.7



#95
Naphthalene
Concen: 3.398 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU044121.D
Acq: 08 Jun 2021 18:30

Tgt Ion:128 Resp: 8856
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.8 8.7 13.1

