

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060821\
 Data File : VU044127.D
 Acq On : 08 Jun 2021 20:51
 Operator : SY/MD
 Sample : M2612-38
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

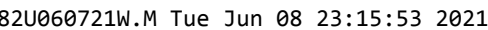
Instrument :
 MSVOA_U
 ClientSampleId :

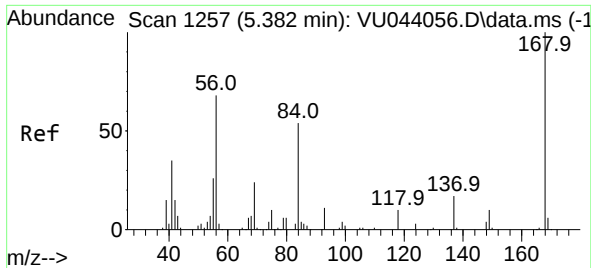
Quant Time: Jun 08 23:15:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U060721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 08 17:38:51 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.382	168	217185	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	436691	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	464589	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	216611	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	198785	52.555	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.100%	
35) Dibromofluoromethane	5.298	113	154709	49.645	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.280%	
50) Toluene-d8	7.906	98	610041	50.751	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.500%	
62) 4-Bromofluorobenzene	10.639	95	224898	47.257	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.520%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	889	Below Cal		99
5) Bromomethane	1.848	94	371	0.223	ug/l	89
11) Tert butyl alcohol	3.195	59	5010	5.343	ug/l #	72
13) Acrolein	2.494	56	367	0.498	ug/l #	75
16) Acetone	2.633	43	16426	7.524	ug/l	94
18) Methyl Acetate	2.961	43	1776	0.369	ug/l	93
20) Methylene Chloride	3.054	84	11794	1.970	ug/l	94
25) 2-Butanone	4.723	43	3067	0.985	ug/l #	89
29) Tetrahydrofuran	5.070	42	606	0.350	ug/l	96
31) Cyclohexane	5.379	56	5205	0.997	ug/l #	1
36) 1,1-Dichloropropene	5.382	75	19951	4.055	ug/l #	50
38) Carbon Tetrachloride	5.382	117	23739	5.340	ug/l #	17
43) Isopropyl Acetate	5.919	43	25462	2.905	ug/l	98
45) 1,2-Dichloropropane	7.047	63	2171	0.536	ug/l #	42
48) Methyl methacrylate	6.899	41	9068	2.098	ug/l #	14
49) 1,4-Dioxane	7.044	88	230	2.165	ug/l #	1
51) 4-Methyl-2-Pentanone	7.797	43	6552	1.007	ug/l	98
54) cis-1,3-Dichloropropene	7.745	75	43064	7.158	ug/l #	66
56) Ethyl methacrylate	8.475	69	377	3.439	ug/l #	1
57) 1,3-Dichloropropane	8.732	76	29535	4.458	ug/l #	42
59) 2-Hexanone	8.732	43	394600	78.019	ug/l #	50
76) 1,2,3-Trichloropropane	10.639	75	115378	19.041	ug/l #	43
81) trans-1,4-Dichloro-2-b...	10.639	75	115378	55.599	ug/l #	11
84) 1,2,4-Trimethylbenzene	11.472	105	121	0.957	ug/l #	32
95) Naphthalene	14.098	128	765	2.894	ug/l #	69

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

Quant Time: Jun 08 23:15:49 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

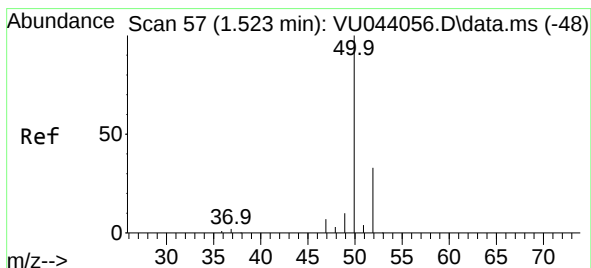
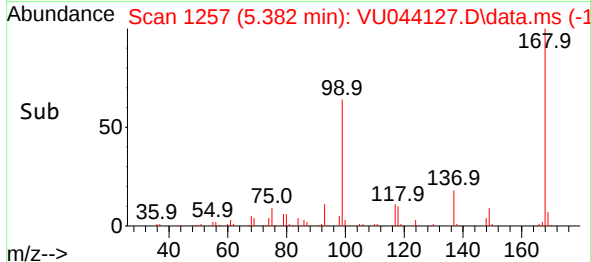
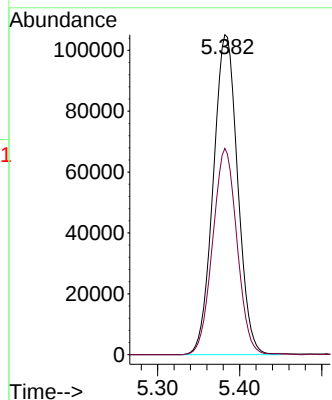
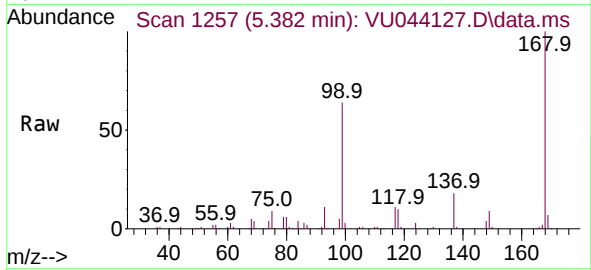




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU044127.D
Acq: 08 Jun 2021 20:51

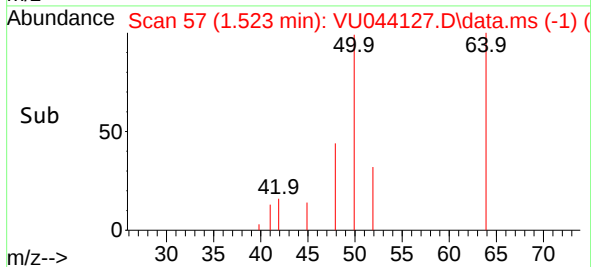
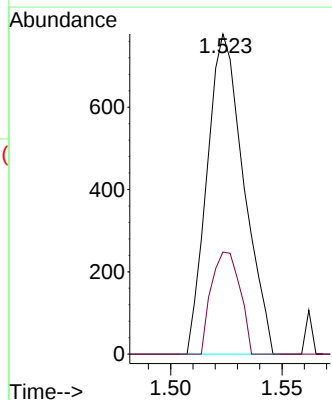
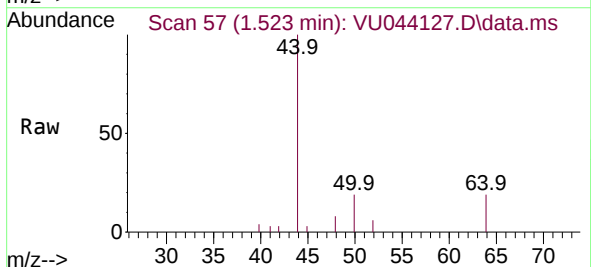
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MSVOA_U
ClientSampleId :

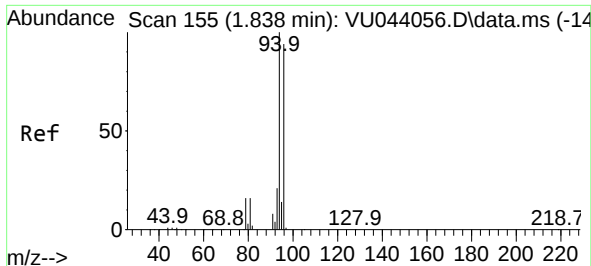
Tgt Ion:168 Resp: 217185
Ion Ratio Lower Upper
168 100
99 64.4 52.6 78.8



#3
Chloromethane
Concen: Below Cal
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU044127.D
Acq: 08 Jun 2021 20:51

Tgt Ion: 50 Resp: 889
Ion Ratio Lower Upper
50 100
52 31.9 26.2 39.2

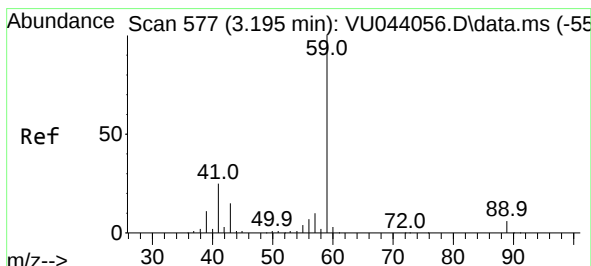
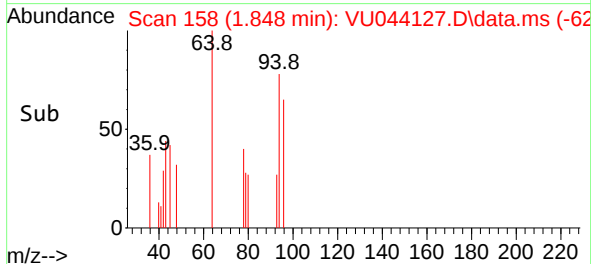
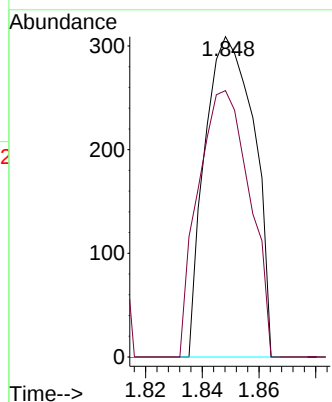
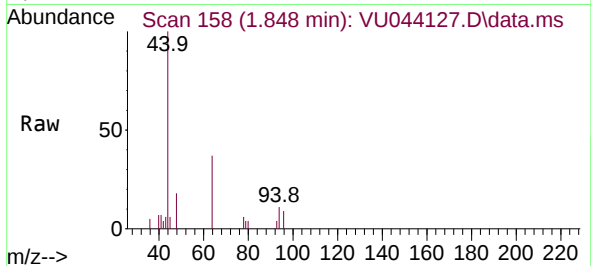




#5
Bromomethane
Concen: 0.223 ug/l
RT: 1.848 min Scan# 158
Delta R.T. 0.010 min
Lab File: VU044127.D
Acq: 08 Jun 2021 20:51

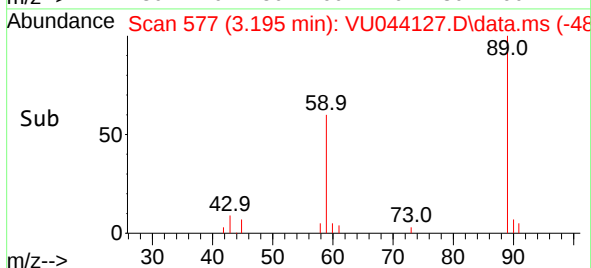
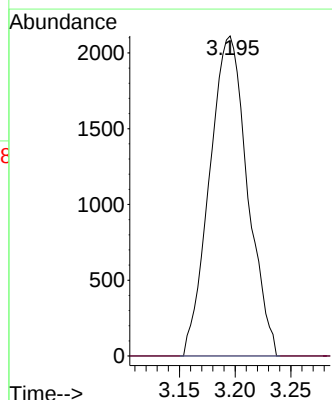
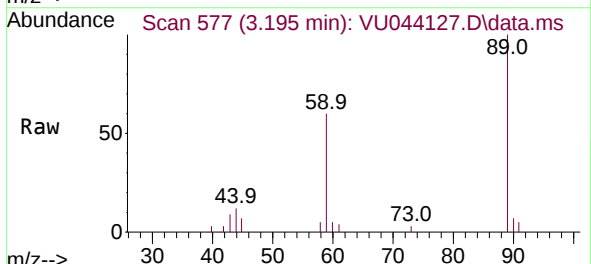
Instrument :
MSVOA_U
ClientSampled :

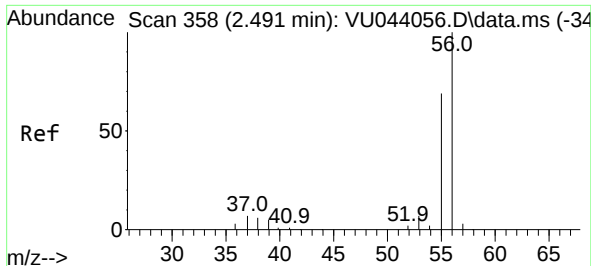
Tgt Ion: 94 Resp: 371
Ion Ratio Lower Upper
94 100
96 83.2 74.8 112.2



#11
Tert butyl alcohol
Concen: 5.343 ug/l
RT: 3.195 min Scan# 577
Delta R.T. 0.000 min
Lab File: VU044127.D
Acq: 08 Jun 2021 20:51

Tgt Ion: 59 Resp: 5010
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

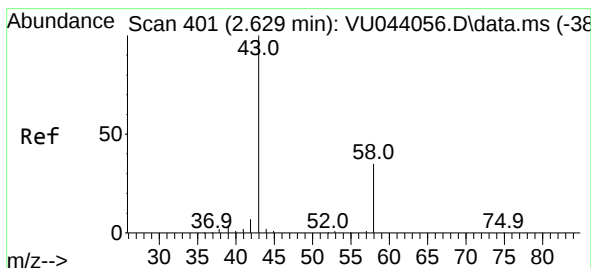
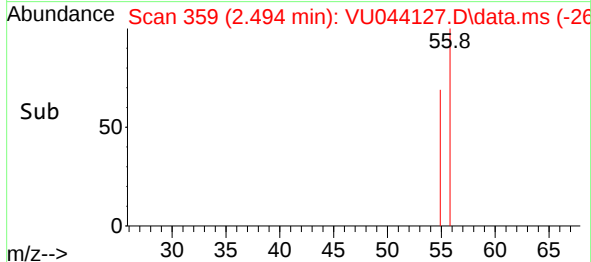
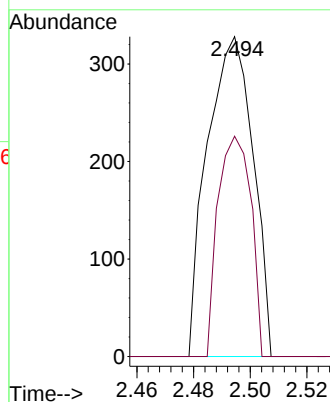
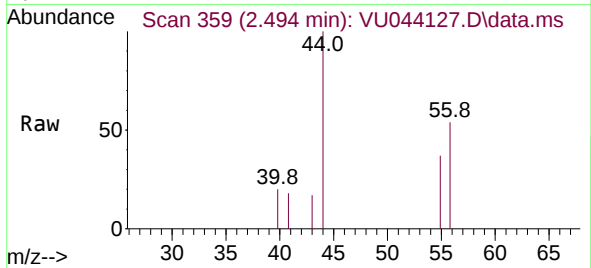




#13
Acrolein
Concen: 0.498 ug/l
RT: 2.494 min Scan# 359
Delta R.T. 0.003 min
Lab File: VU044127.D
Acq: 08 Jun 2021 20:51

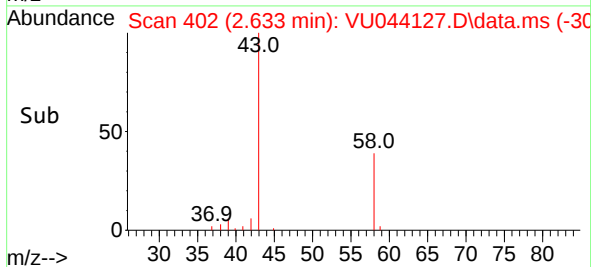
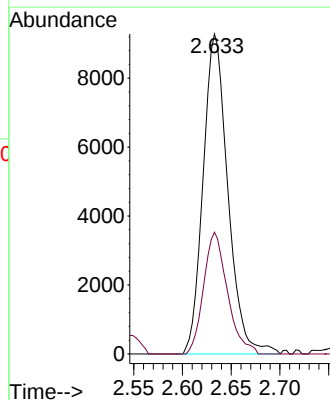
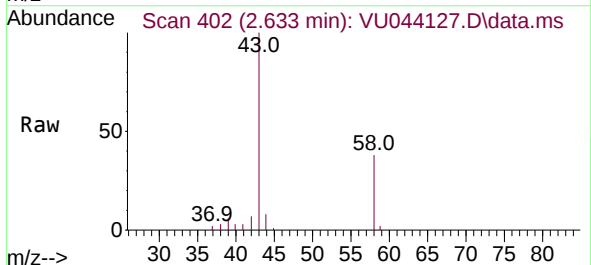
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MSVOA_U
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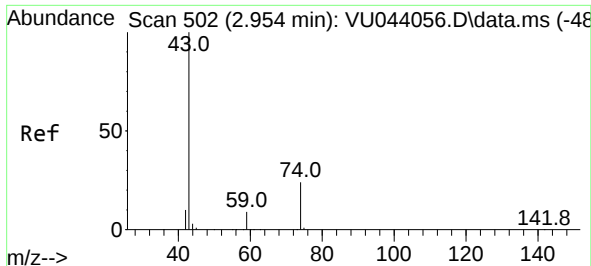
Tgt Ion: 56 Resp: 367
Ion Ratio Lower Upper
56 100
55 49.6 56.1 84.1#



#16
Acetone
Concen: 7.524 ug/l
RT: 2.633 min Scan# 402
Delta R.T. 0.004 min
Lab File: VU044127.D
Acq: 08 Jun 2021 20:51

Tgt Ion: 43 Resp: 16426
Ion Ratio Lower Upper
43 100
58 38.0 27.7 41.5

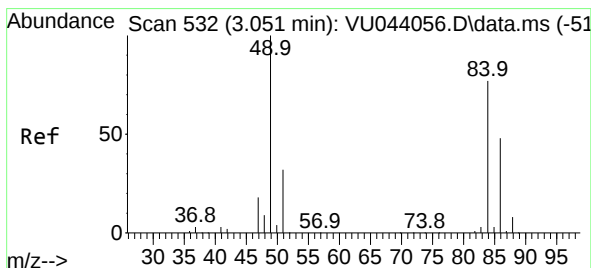
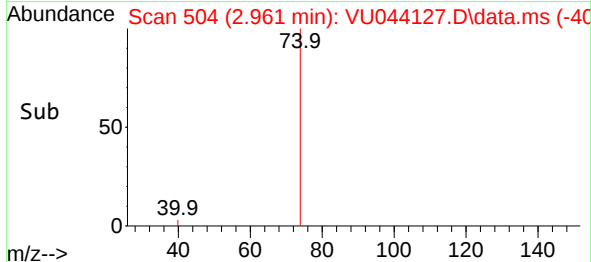
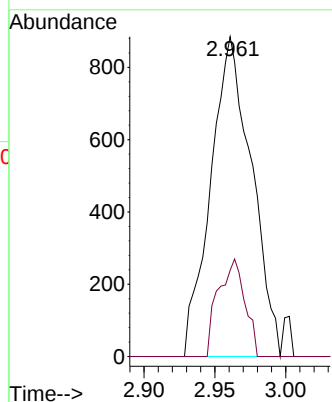
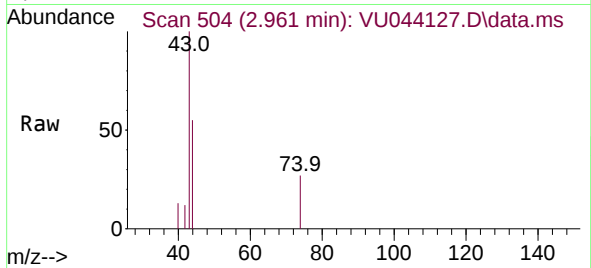




#18
Methyl Acetate
Concen: 0.369 ug/l
RT: 2.961 min Scan# 504
Delta R.T. 0.007 min
Lab File: VU044127.D
Acq: 08 Jun 2021 20:51

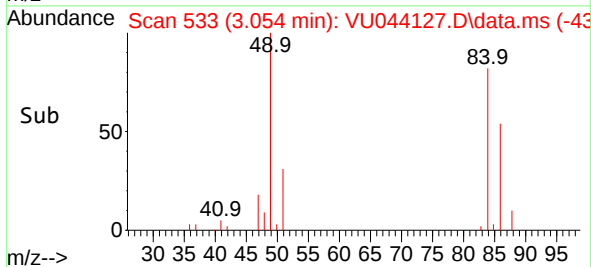
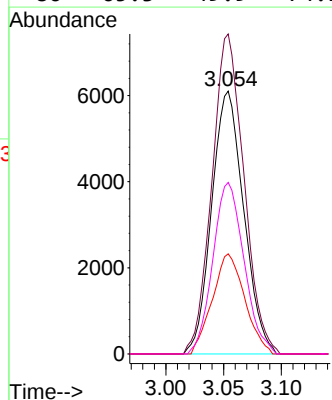
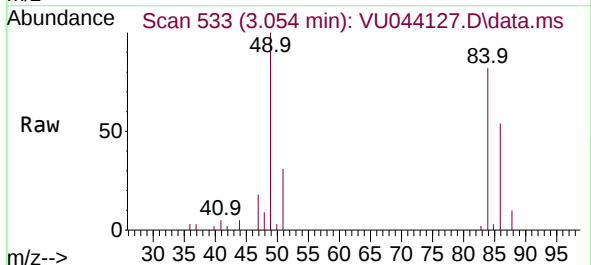
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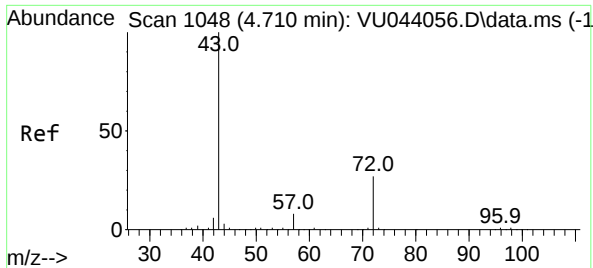
Tgt Ion: 43 Resp: 1776
Ion Ratio Lower Upper
43 100
74 19.8 18.7 28.1



#20
Methylene Chloride
Concen: 1.970 ug/l
RT: 3.054 min Scan# 533
Delta R.T. 0.003 min
Lab File: VU044127.D
Acq: 08 Jun 2021 20:51

Tgt Ion: 84 Resp: 11794
Ion Ratio Lower Upper
84 100
49 121.8 103.6 155.4
51 38.1 32.8 49.2
86 65.3 49.9 74.9

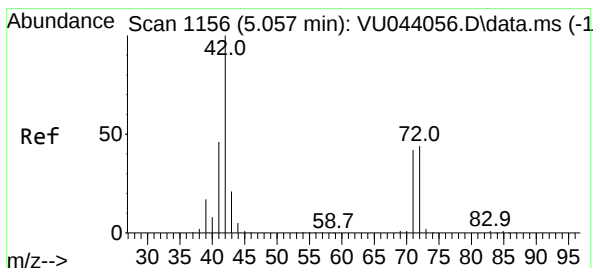
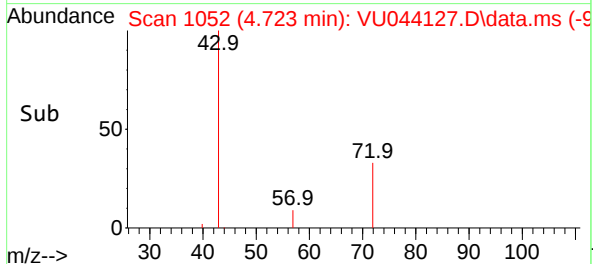
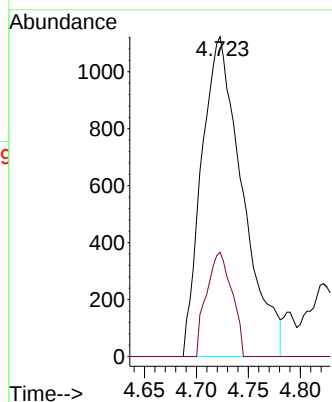
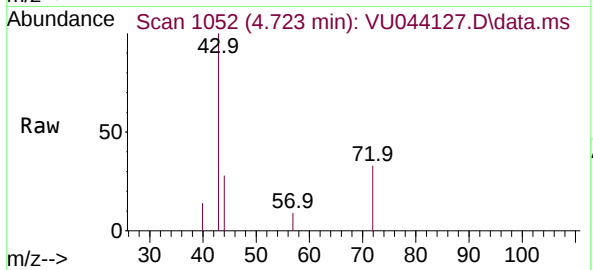




#25
2-Butanone
Concen: 0.985 ug/l
RT: 4.723 min Scan# 1052
Delta R.T. 0.013 min
Lab File: VU044127.D
Acq: 08 Jun 2021 20:51

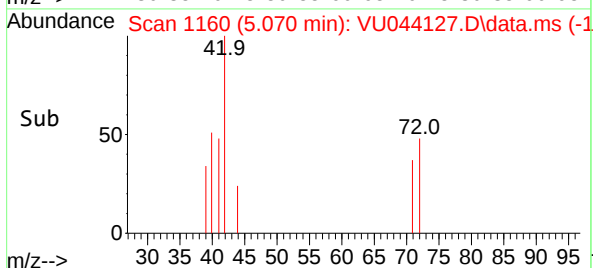
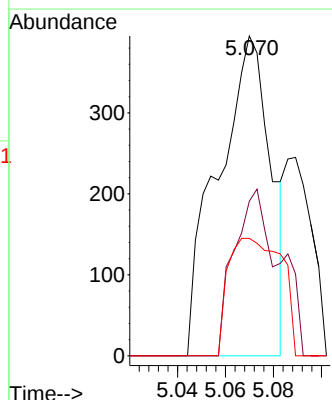
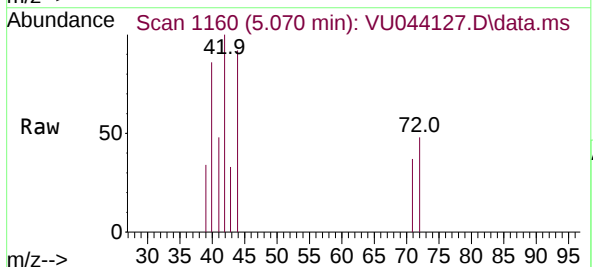
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MSVOA_U
ClientSampled :

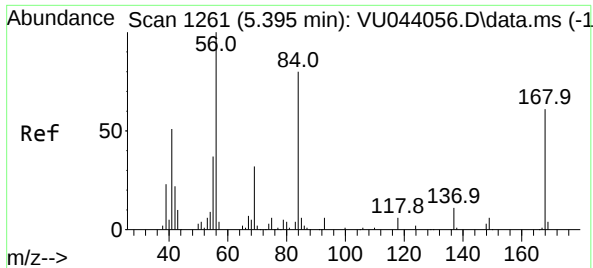
Tgt Ion: 43 Resp: 3067
Ion Ratio Lower Upper
43 100
72 32.6 21.4 32.2#



#29
Tetrahydrofuran
Concen: 0.350 ug/l
RT: 5.070 min Scan# 1160
Delta R.T. 0.013 min
Lab File: VU044127.D
Acq: 08 Jun 2021 20:51

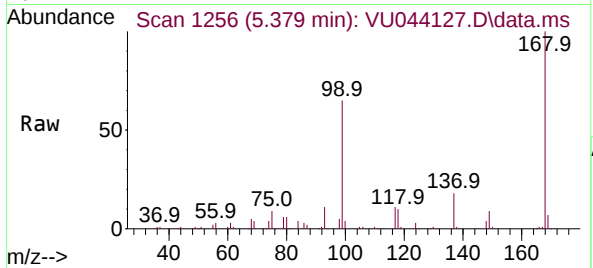
Tgt Ion: 42 Resp: 606
Ion Ratio Lower Upper
42 100
72 44.4 35.6 53.4
71 37.0 33.3 49.9



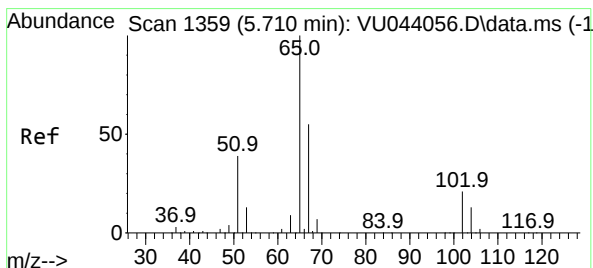
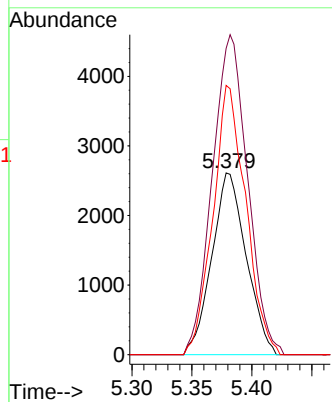
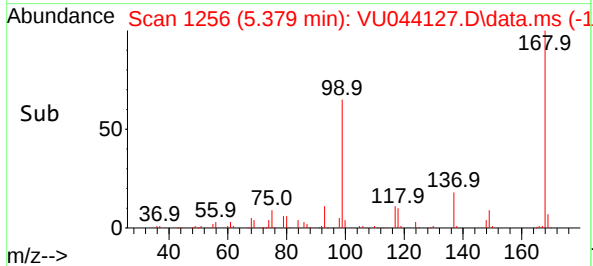


#31
Cyclohexane
Concen: 0.997 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. -0.016 min
Lab File: VU044127.D
Acq: 08 Jun 2021 20:51

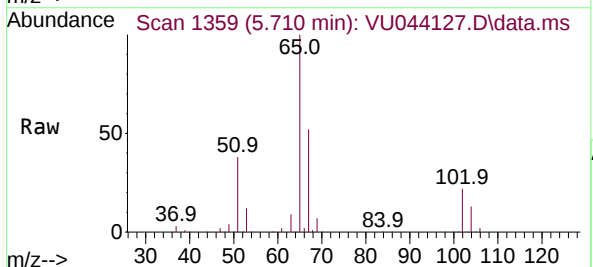
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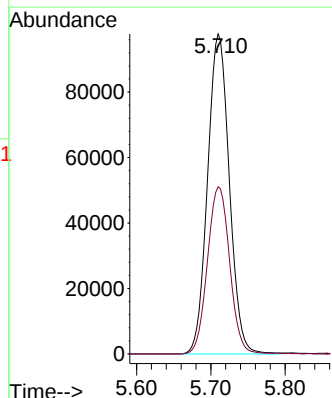
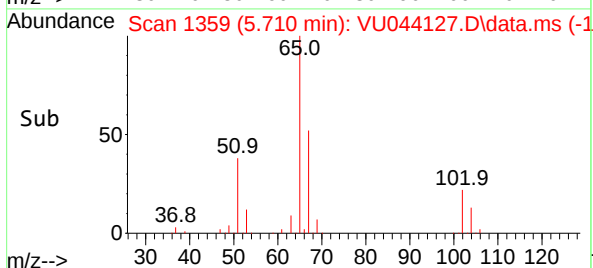
Tgt Ion: 56 Resp: 5205
Ion Ratio Lower Upper
56 100
69 168.4 25.4 38.2#
84 148.1 64.2 96.2#

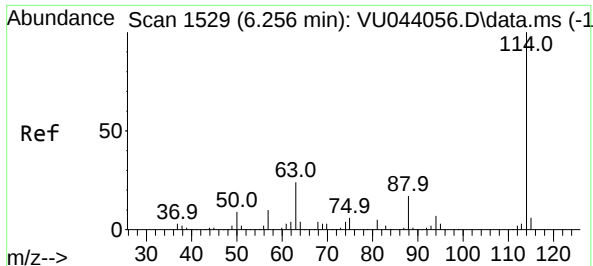


#33
1,2-Dichloroethane-d4
Concen: 52.555 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU044127.D
Acq: 08 Jun 2021 20:51



Tgt Ion: 65 Resp: 198785
Ion Ratio Lower Upper
65 100
67 53.3 0.0 109.2

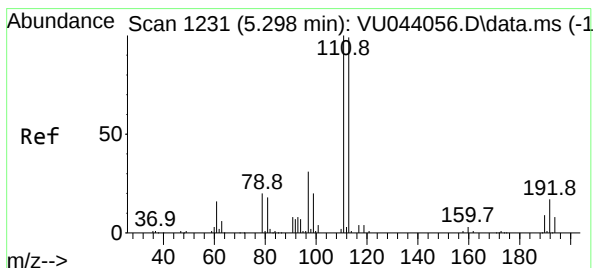
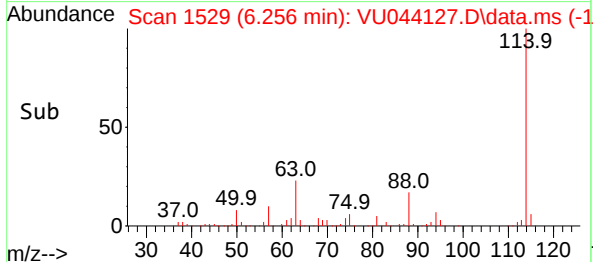
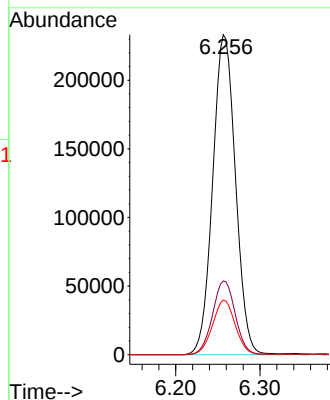
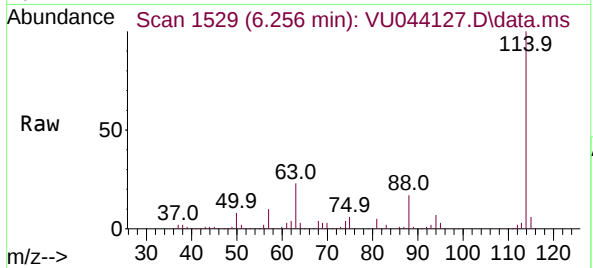




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU044127.D
Acq: 08 Jun 2021 20:51

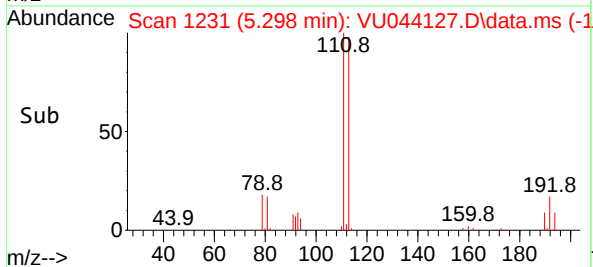
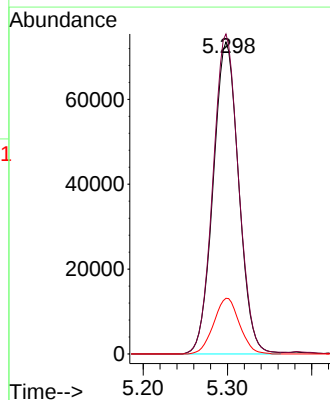
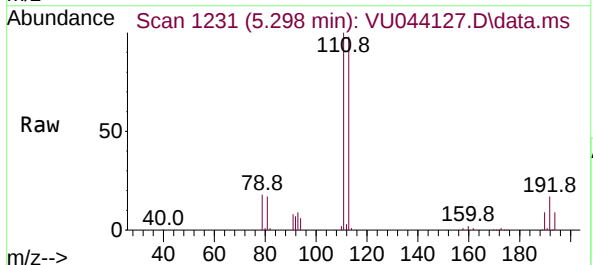
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MSVOA_U
ClientSampleId :

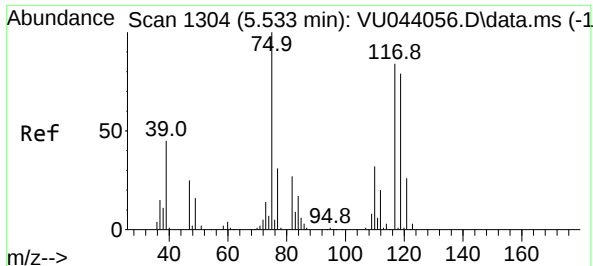
Tgt Ion:114 Resp: 436691
Ion Ratio Lower Upper
114 100
63 23.1 0.0 48.4
88 17.0 0.0 34.4



#35
Dibromofluoromethane
Concen: 49.645 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU044127.D
Acq: 08 Jun 2021 20:51

Tgt Ion:113 Resp: 154709
Ion Ratio Lower Upper
113 100
111 102.9 82.1 123.1
192 18.0 13.8 20.8



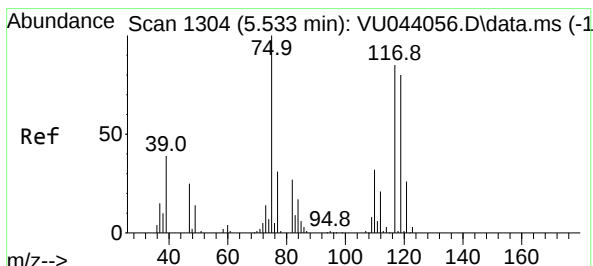
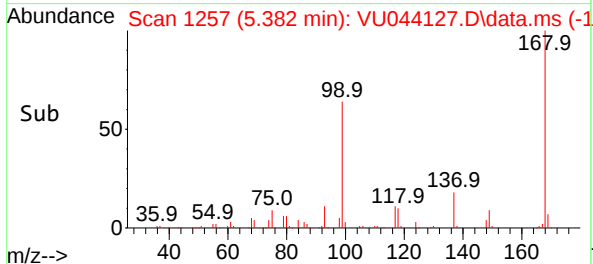
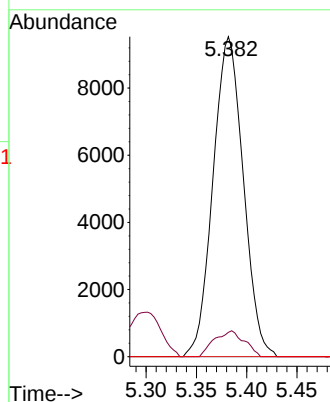
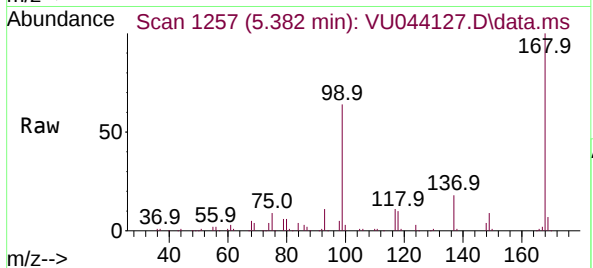


#36

1,1-Dichloropropene
Concen: 4.055 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU044127.D
Acq: 08 Jun 2021 20:51

Instrument :
MSVOA_U
ClientSampleId :

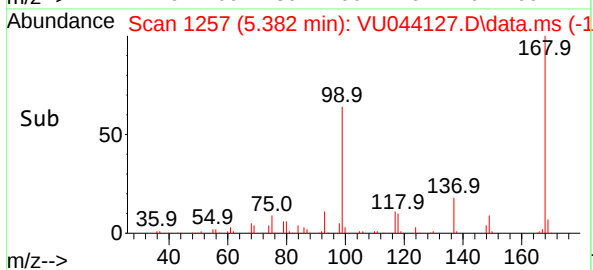
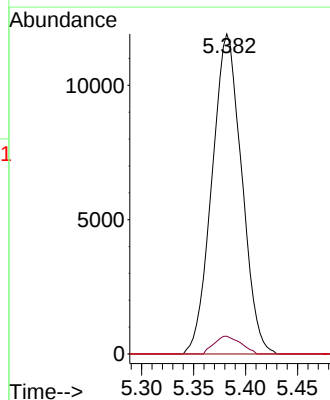
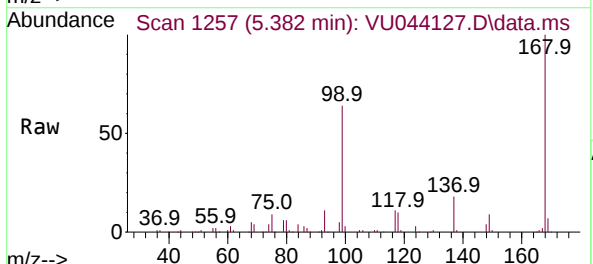
Tgt Ion: 75 Resp: 19951
Ion Ratio Lower Upper
75 100
110 8.0 15.9 47.7#
77 0.0 25.0 37.4#

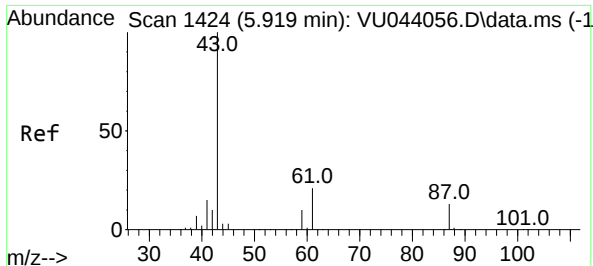


#38

Carbon Tetrachloride
Concen: 5.340 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU044127.D
Acq: 08 Jun 2021 20:51

Tgt Ion:117 Resp: 23739
Ion Ratio Lower Upper
117 100
119 5.5 75.4 113.2#
121 0.0 24.5 36.7#

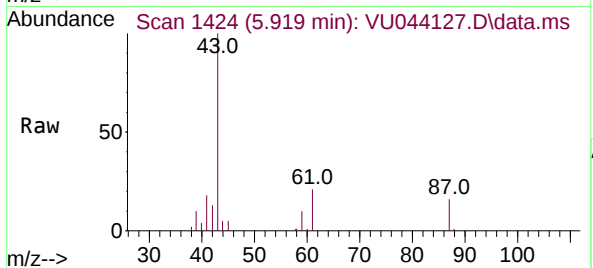




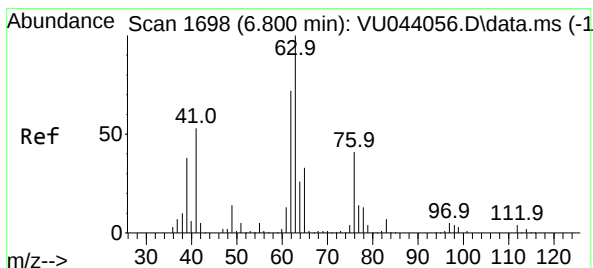
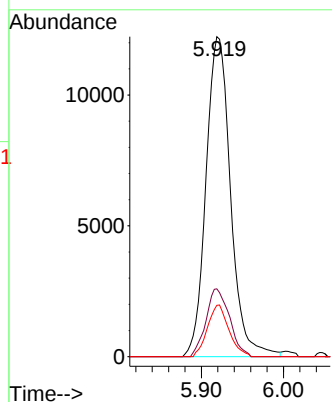
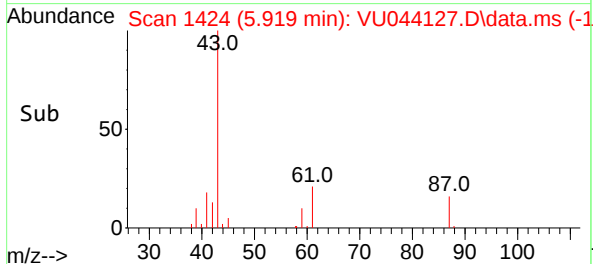
#43

Isopropyl Acetate
 Concen: 2.905 ug/l
 RT: 5.919 min Scan# 1424
 Delta R.T. -0.000 min
 Lab File: VU044127.D
 Acq: 08 Jun 2021 20:51

Instrument :
 MSVOA_U
 ClientSampled :

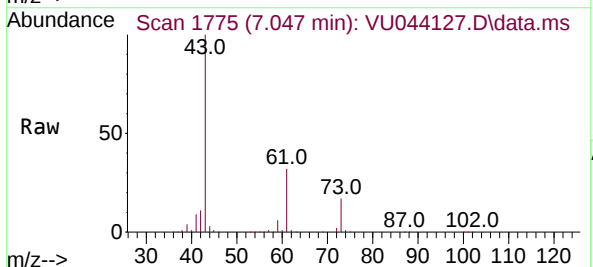


Tgt Ion:	43	Resp:	25462
Ion Ratio	Lower	Upper	
43	100		
61	20.2	16.8	25.2
87	14.0	10.2	15.2

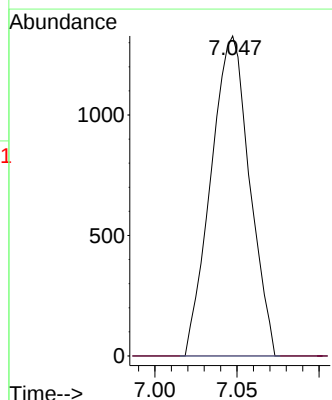
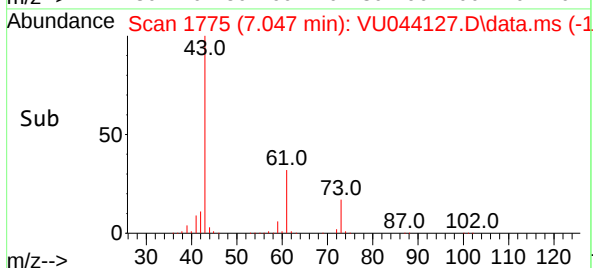


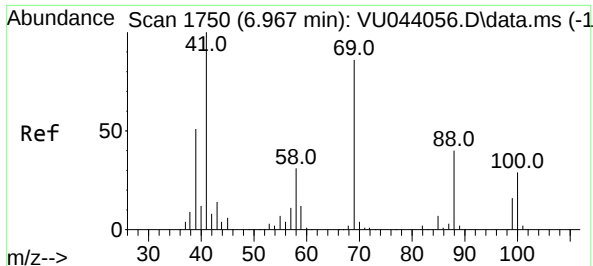
#45

1,2-Dichloropropane
 Concen: 0.536 ug/l
 RT: 7.047 min Scan# 1775
 Delta R.T. 0.247 min
 Lab File: VU044127.D
 Acq: 08 Jun 2021 20:51



Tgt Ion:	63	Resp:	2171
Ion Ratio	Lower	Upper	
63	100		
65	0.0	26.3	39.5#





#48

Methyl methacrylate

Concen: 2.098 ug/l

RT: 6.899 min Scan# 1729

Delta R.T. -0.068 min

Lab File: VU044127.D

Acq: 08 Jun 2021 20:51

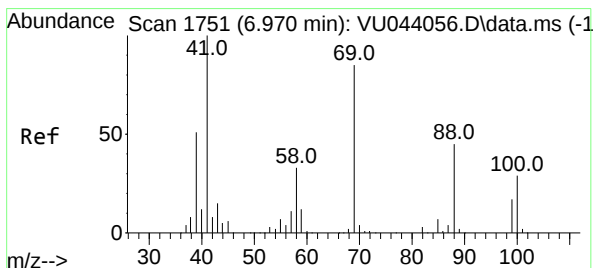
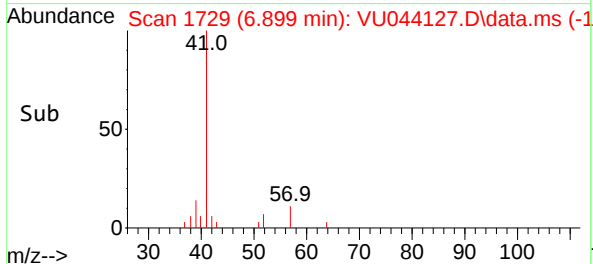
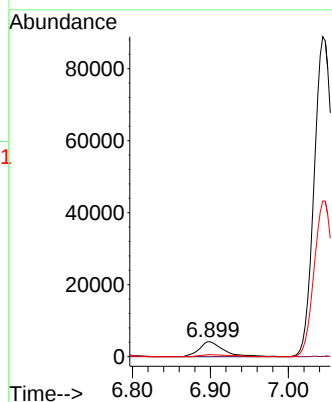
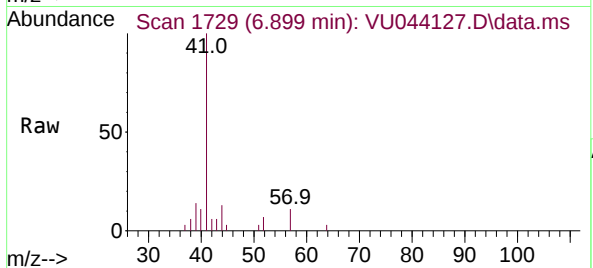
Tgt Ion: 41 Resp: 9068

Ion Ratio Lower Upper

41 100

69 0.0 68.9 103.3#

39 0.0 40.6 60.8#



#49

1,4-Dioxane

Concen: 2.165 ug/l

RT: 7.044 min Scan# 1774

Delta R.T. 0.074 min

Lab File: VU044127.D

Acq: 08 Jun 2021 20:51

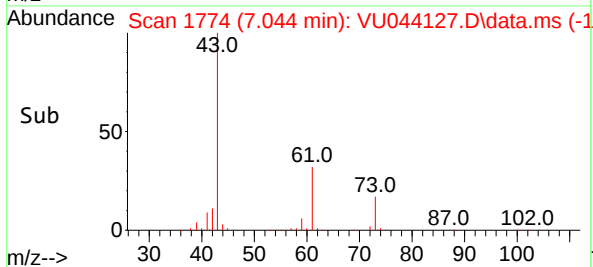
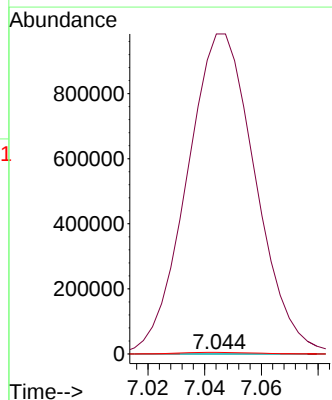
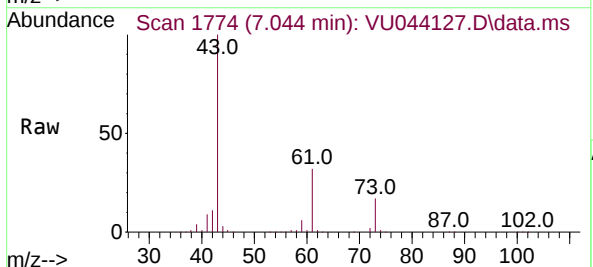
Tgt Ion: 88 Resp: 230

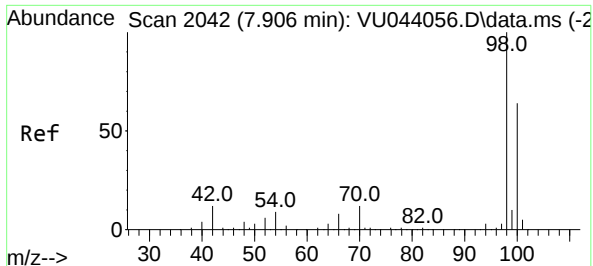
Ion Ratio Lower Upper

88 100

43 729913.0 25.0 37.4#

58 4016.5 60.0 90.0#

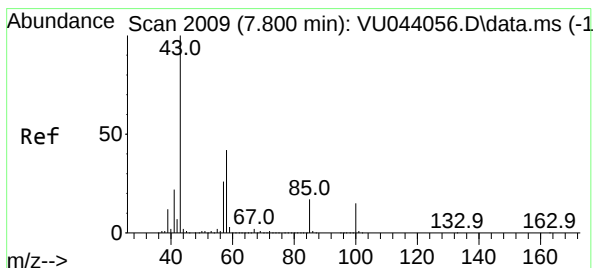
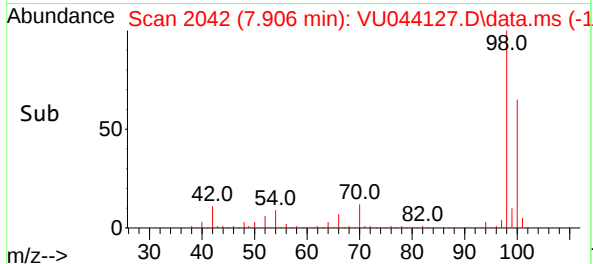
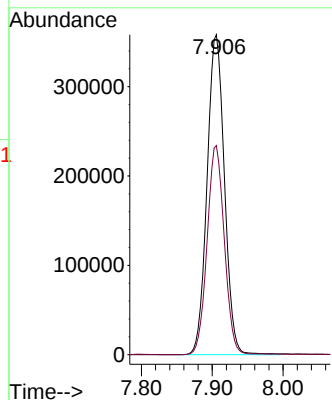
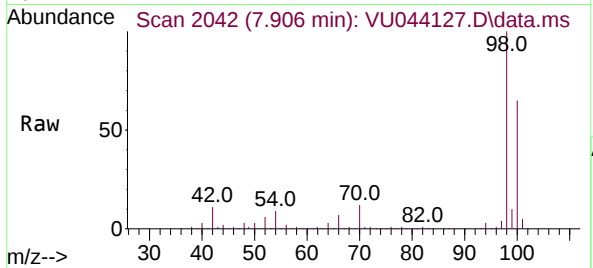




#50
Toluene-d8
Concen: 50.751 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU044127.D
Acq: 08 Jun 2021 20:51

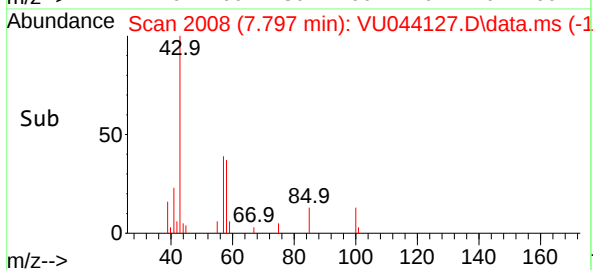
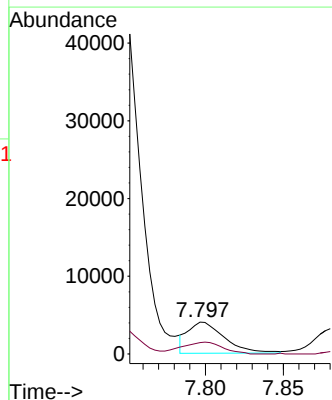
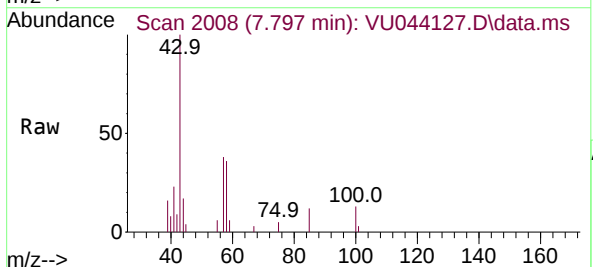
Instrument :
MSVOA_U
ClientSampled :

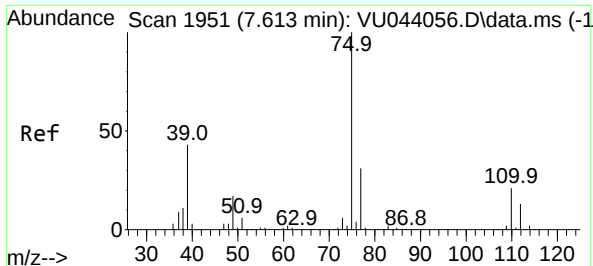
Tgt Ion: 98 Resp: 610041
Ion Ratio Lower Upper
98 100
100 64.8 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 1.007 ug/l
RT: 7.797 min Scan# 2008
Delta R.T. -0.003 min
Lab File: VU044127.D
Acq: 08 Jun 2021 20:51

Tgt Ion: 43 Resp: 6552
Ion Ratio Lower Upper
43 100
58 42.9 33.3 49.9

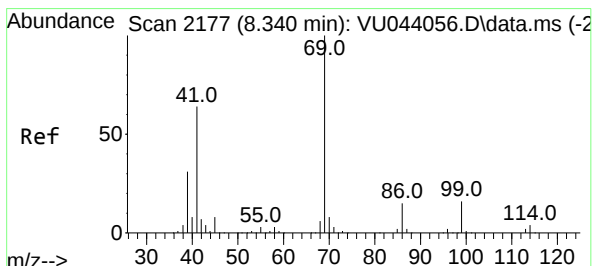
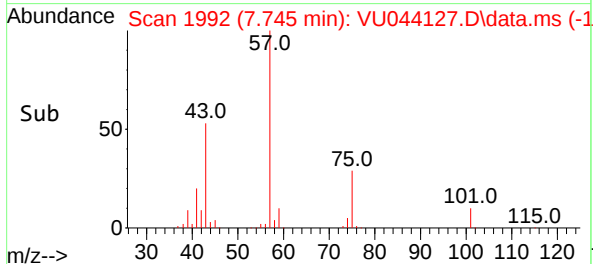
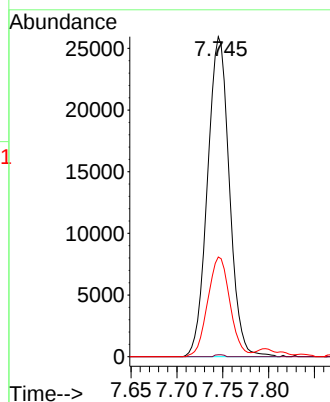
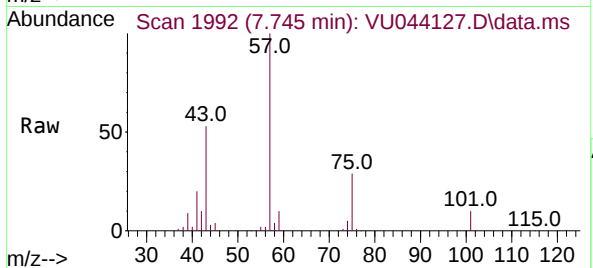




#54
 cis-1,3-Dichloropropene
 Concen: 7.158 ug/l
 RT: 7.745 min Scan# 1992
 Delta R.T. 0.132 min
 Lab File: VU044127.D
 Acq: 08 Jun 2021 20:51

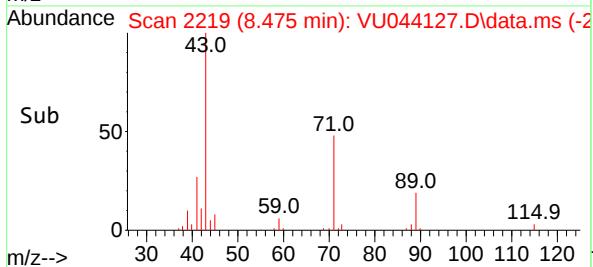
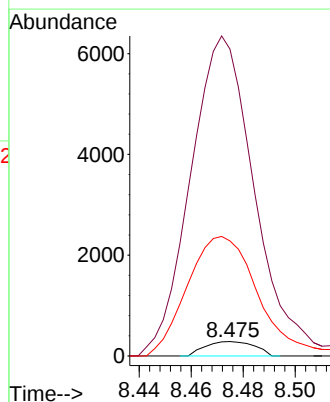
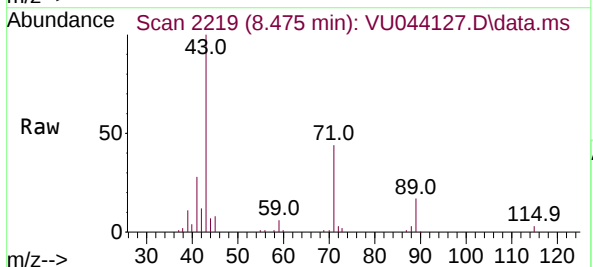
Instrument :
 MSVOA_U
 ClientSampleId :

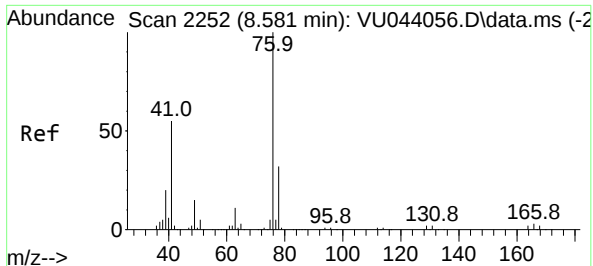
Tgt Ion: 75 Resp: 43064
 Ion Ratio Lower Upper
 75 100
 77 0.6 25.0 37.4#
 39 31.1 34.7 52.1#



#56
 Ethyl methacrylate
 Concen: 3.439 ug/l
 RT: 8.475 min Scan# 2219
 Delta R.T. 0.135 min
 Lab File: VU044127.D
 Acq: 08 Jun 2021 20:51

Tgt Ion: 69 Resp: 377
 Ion Ratio Lower Upper
 69 100
 41 2872.9 51.4 77.0#
 39 1200.5 24.9 37.3#





#57

1,3-Dichloropropane

Concen: 4.458 ug/l

RT: 8.732 min Scan# 2299

Delta R.T. 0.151 min

Lab File: VU044127.D

Acq: 08 Jun 2021 20:51

Tgt Ion: 76 Resp: 29535

Ion Ratio Lower Upper

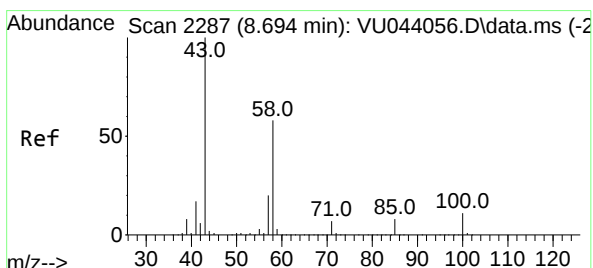
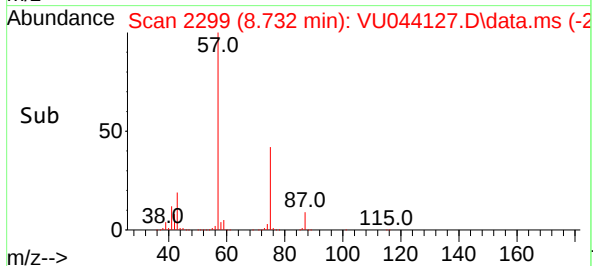
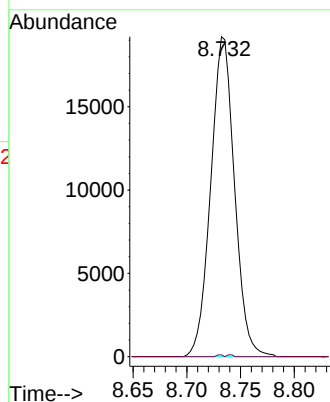
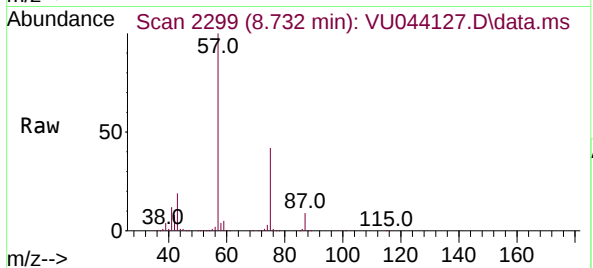
76 100

78 0.1 25.9 38.9#

Instrument :

MSVOA_U

ClientSampled :



#59

2-Hexanone

Concen: 78.019 ug/l

RT: 8.732 min Scan# 2299

Delta R.T. 0.038 min

Lab File: VU044127.D

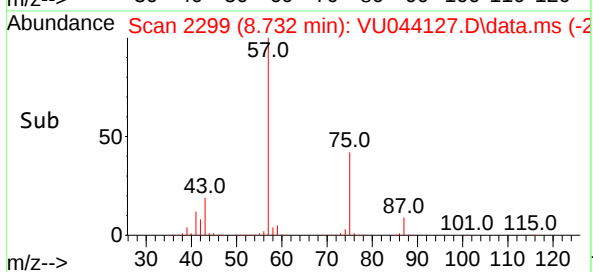
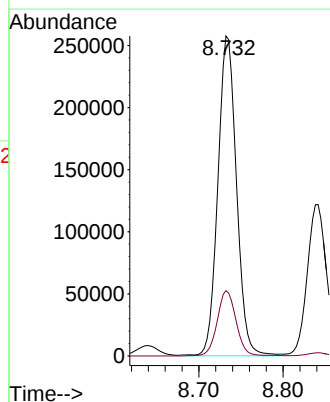
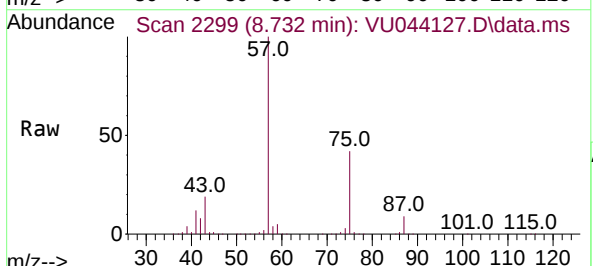
Acq: 08 Jun 2021 20:51

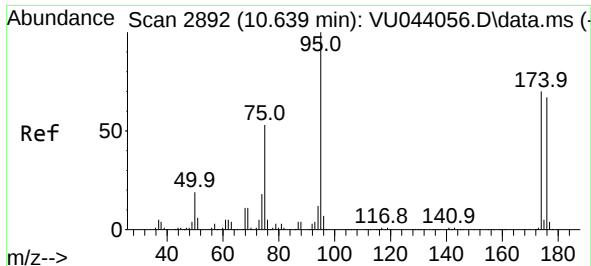
Tgt Ion: 43 Resp: 394600

Ion Ratio Lower Upper

43 100

58 20.8 29.0 87.1#

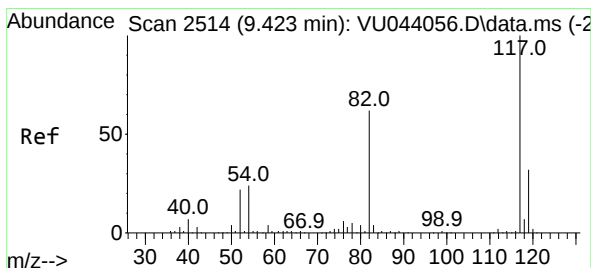
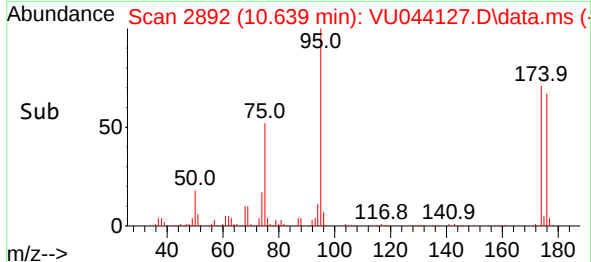
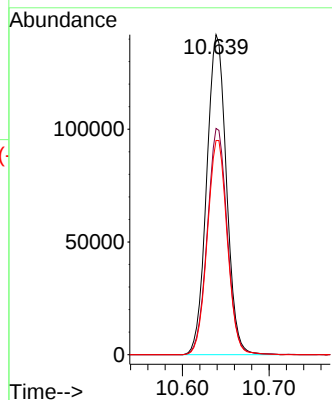
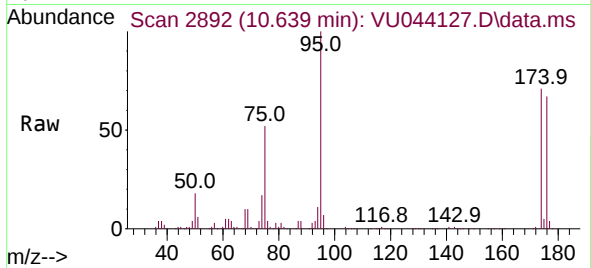




#62
4-Bromofluorobenzene
Concen: 47.257 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU044127.D
Acq: 08 Jun 2021 20:51

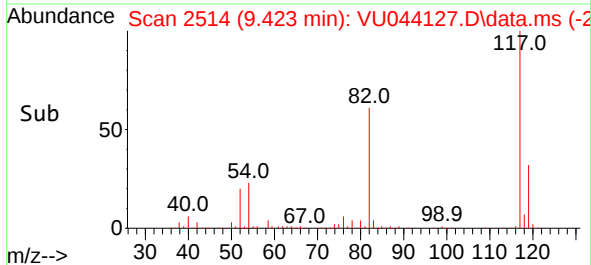
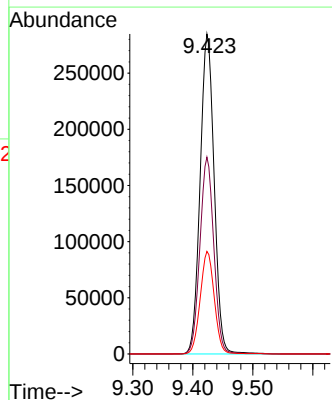
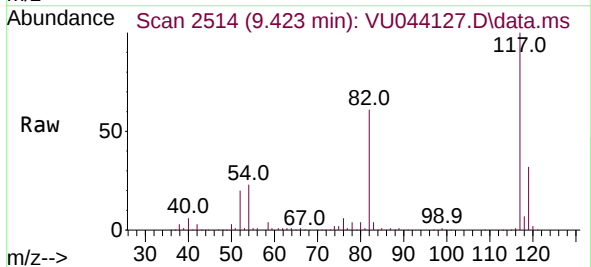
Instrument :
MSVOA_U
ClientSampleId :

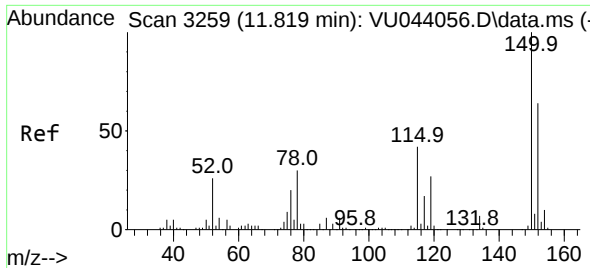
Tgt Ion: 95 Resp: 224898
Ion Ratio Lower Upper
95 100
174 71.5 0.0 141.0
176 67.8 0.0 135.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU044127.D
Acq: 08 Jun 2021 20:51

Tgt Ion: 117 Resp: 464589
Ion Ratio Lower Upper
117 100
82 61.5 50.0 75.0
119 32.0 25.9 38.9

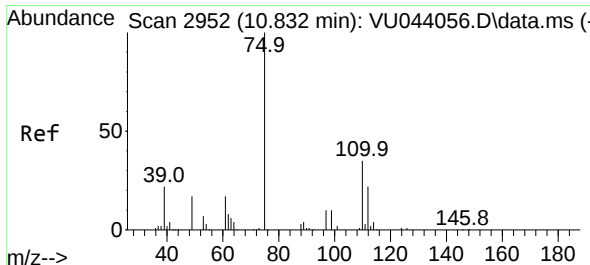
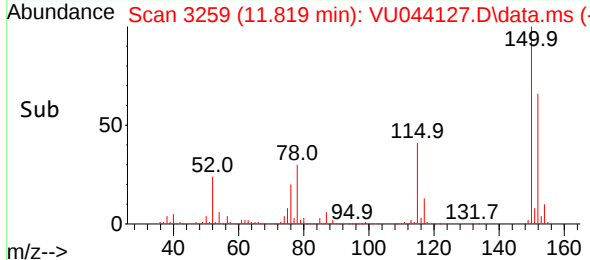
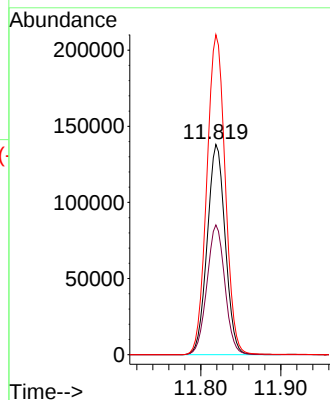
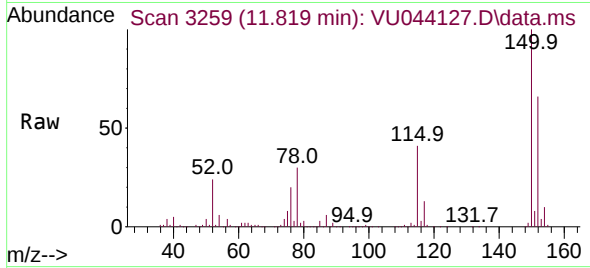




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU044127.D
 Acq: 08 Jun 2021 20:51

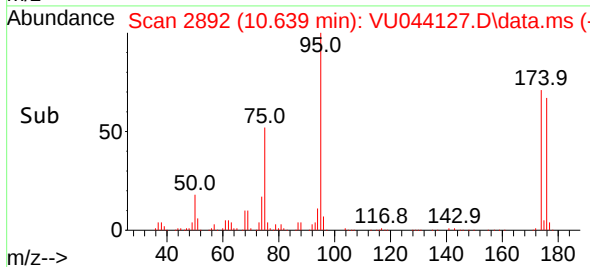
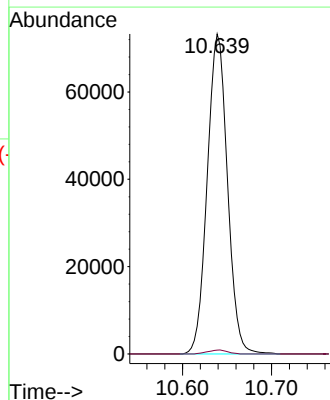
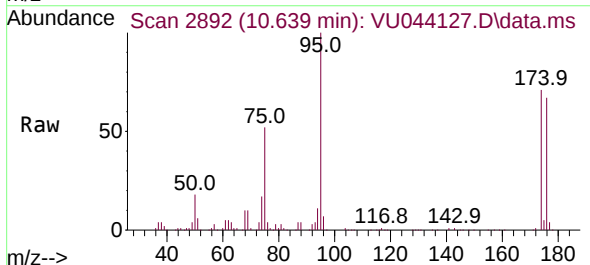
Instrument :
 MSVOA_U
 ClientSampleId :

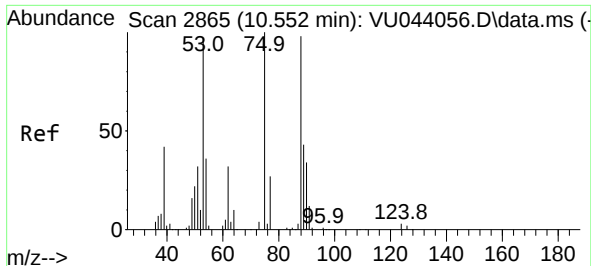
Tgt Ion:152 Resp: 216611
 Ion Ratio Lower Upper
 152 100
 115 61.6 44.6 134.0
 150 155.2 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 19.041 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.193 min
 Lab File: VU044127.D
 Acq: 08 Jun 2021 20:51

Tgt Ion: 75 Resp: 115378
 Ion Ratio Lower Upper
 75 100
 77 1.2 16.9 50.6#

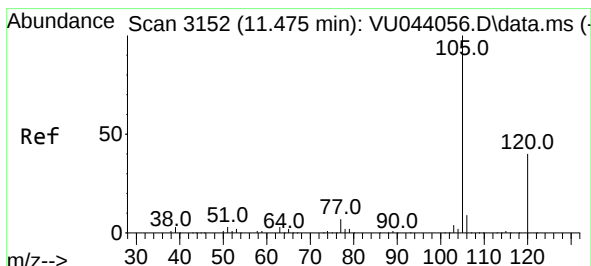
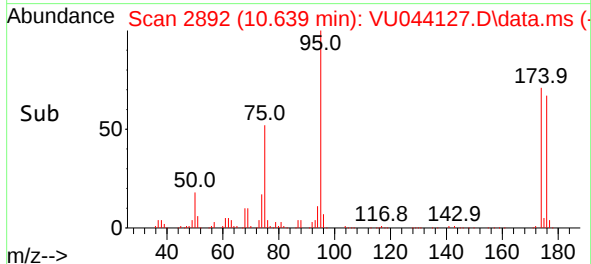
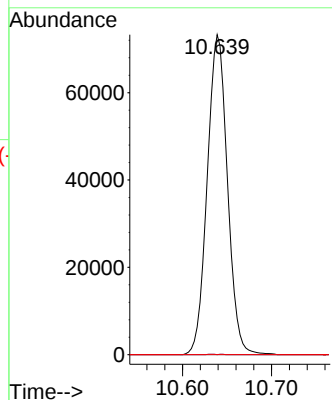
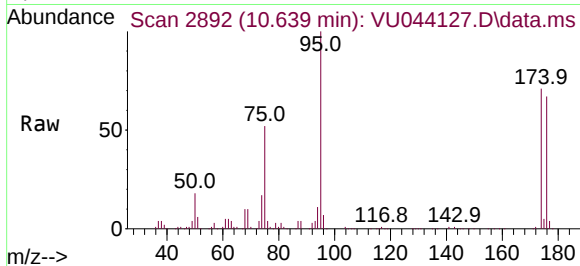




#81
trans-1,4-Dichloro-2-butene
Concen: 55.599 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.087 min
Lab File: VU044127.D
Acq: 08 Jun 2021 20:51

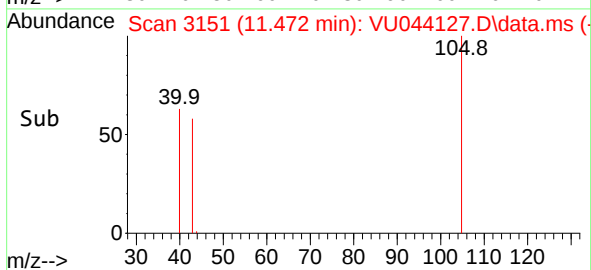
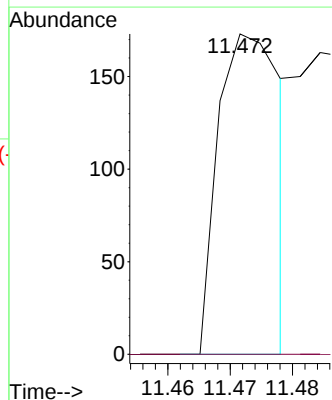
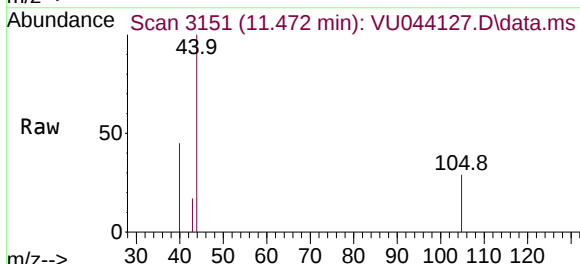
Instrument :
MSVOA_U
ClientSampleId :

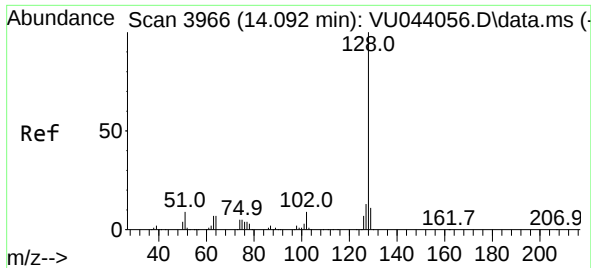
Tgt Ion: 75 Resp: 115378
Ion Ratio Lower Upper
75 100
53 0.1 76.9 115.3#
89 0.0 33.8 50.8#



#84
1,2,4-Trimethylbenzene
Concen: 0.957 ug/l
RT: 11.472 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VU044127.D
Acq: 08 Jun 2021 20:51

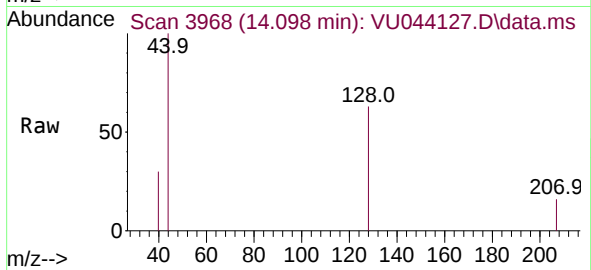
Tgt Ion: 105 Resp: 121
Ion Ratio Lower Upper
105 100
120 0.0 21.9 65.7#





#95
Naphthalene
Concen: 2.894 ug/l
RT: 14.098 min Scan# 3968
Delta R.T. 0.006 min
Lab File: VU044127.D
Acq: 08 Jun 2021 20:51

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	128	Resp:	765
Ion Ratio	Lower	Upper	
128	100		
127	0.0	10.2	15.4#
129	0.0	8.7	13.1#

