

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061021\
 Data File : VU044158.D
 Acq On : 10 Jun 2021 16:10
 Operator : SY/MD
 Sample : M2651-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 11 01:20:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U060921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 05:11:37 2021
 Response via : Initial Calibration

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

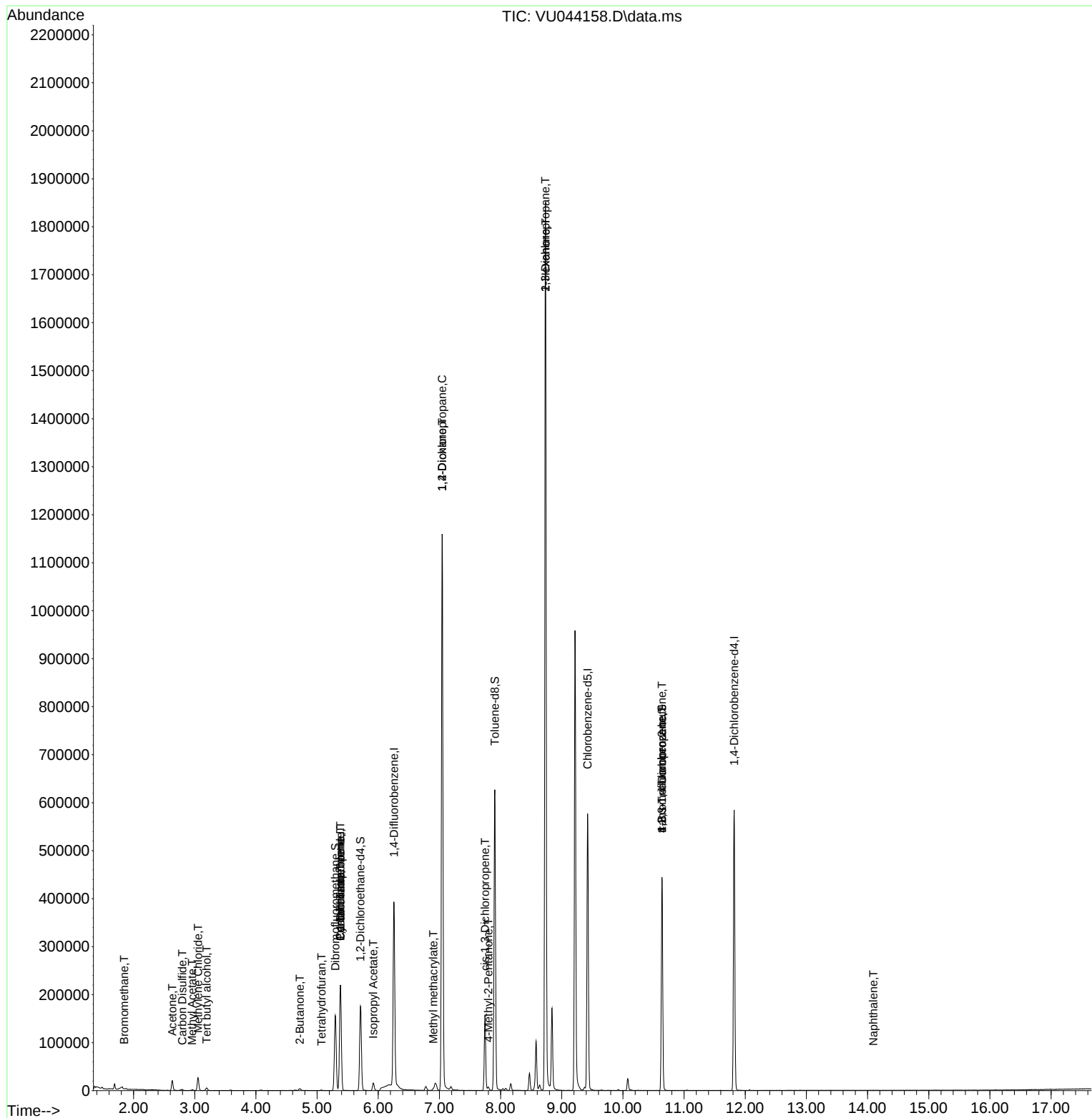
Internal Standards						
1) Pentafluorobenzene	5.382	168	144016	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	298161	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	309159	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	145049	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	129261	56.440	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.880%	
35) Dibromofluoromethane	5.298	113	101988	49.172	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.340%	
50) Toluene-d8	7.906	98	402458	50.525	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.060%	
62) 4-Bromofluorobenzene	10.639	95	151958	47.603	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.200%	
Target Compounds					Qvalue	
3) Chloromethane	1.523	50	597	Below Cal		95
5) Bromomethane	1.848	94	227	0.227 ug/l		93
6) Chloroethane	1.899	64	96	Below Cal	#	42
11) Tert butyl alcohol	3.195	59	3839	6.231 ug/l	#	73
13) Acrolein	2.488	56	197	Below Cal	#	56
16) Acetone	2.633	43	23551	17.928 ug/l		99
17) Carbon Disulfide	2.797	76	1650	0.290 ug/l	#	89
18) Methyl Acetate	2.957	43	2600	0.883 ug/l	#	69
20) Methylene Chloride	3.054	84	12837	5.144 ug/l		98
25) 2-Butanone	4.716	43	6614	3.460 ug/l		98
29) Tetrahydrofuran	5.073	42	890	0.856 ug/l	#	66
31) Cyclohexane	5.382	56	3299	1.021 ug/l	#	1
36) 1,1-Dichloropropene	5.382	75	12721	3.835 ug/l	#	50
38) Carbon Tetrachloride	5.382	117	14828	4.951 ug/l	#	17
43) Isopropyl Acetate	5.919	43	16660	2.956 ug/l		98
45) 1,2-Dichloropropane	7.047	63	1477	0.553 ug/l	#	43
48) Methyl methacrylate	6.899	41	5876	2.142 ug/l	#	11
49) 1,4-Dioxane	7.047	88	63	0.878 ug/l	#	1
51) 4-Methyl-2-Pentanone	7.800	43	4376	1.073 ug/l		93
54) cis-1,3-Dichloropropene	7.745	75	27548	6.891 ug/l	#	63
57) 1,3-Dichloropropane	8.732	76	19076	4.394 ug/l	#	42
59) 2-Hexanone	8.735	43	244721	75.173 ug/l	#	48
76) 1,2,3-Trichloropropane	10.639	75	76587	15.748 ug/l	#	47
81) trans-1,4-Dichloro-2-b...	10.639	75	76587	57.087 ug/l	#	13
95) Naphthalene	14.095	128	283	2.862 ug/l	#	69

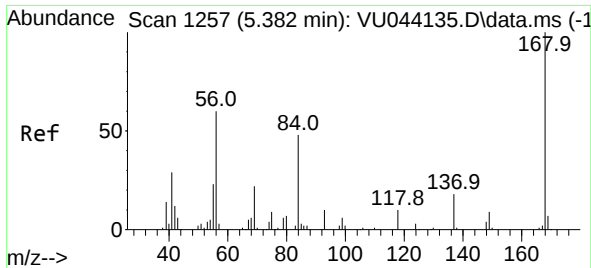
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061021\
Data File : VU044158.D
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Quant Time: Jun 11 01:20:52 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U060921W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 10 05:11:37 2021
Response via : Initial Calibration

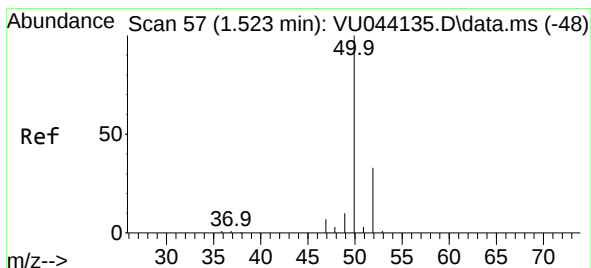
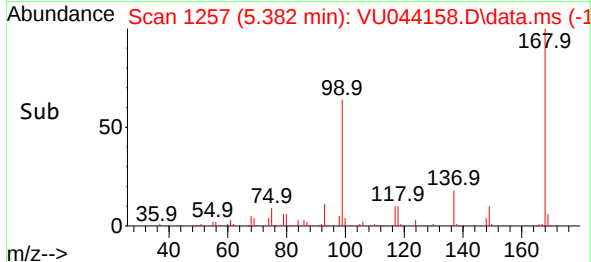
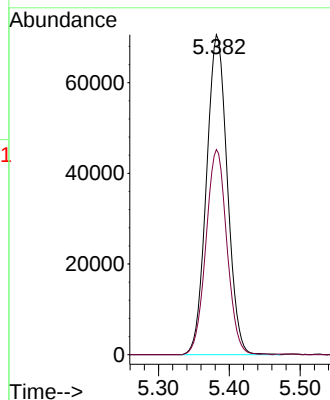
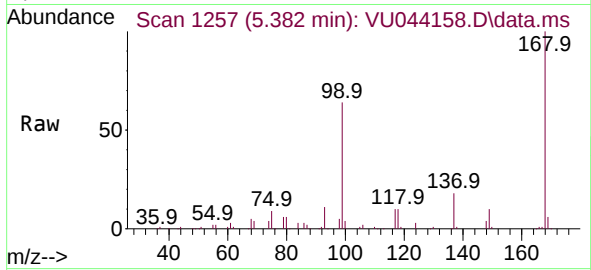




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU044158.D
Acq: 10 Jun 2021 16:10

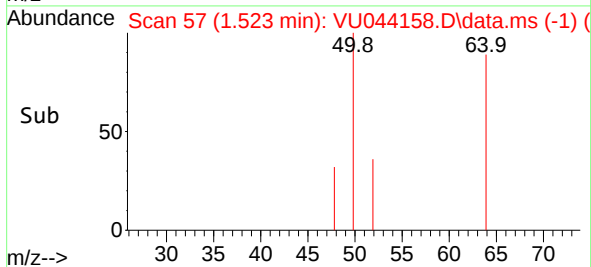
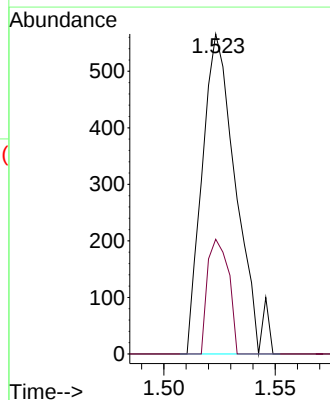
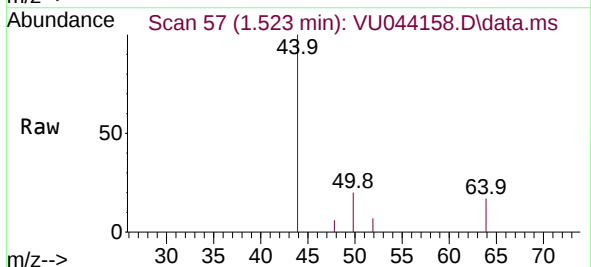
Instrument :
MSVOA_U
ClientSampled :

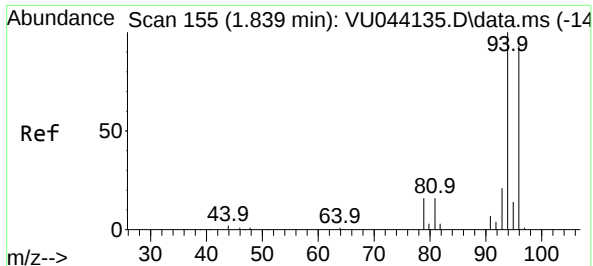
Tgt Ion:168 Resp: 144016
Ion Ratio Lower Upper
168 100
99 64.1 51.3 76.9



#3
Chloromethane
Concen: Below Cal
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU044158.D
Acq: 10 Jun 2021 16:10

Tgt Ion: 50 Resp: 597
Ion Ratio Lower Upper
50 100
52 35.9 26.6 39.8

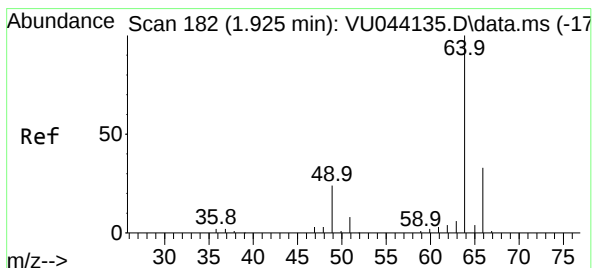
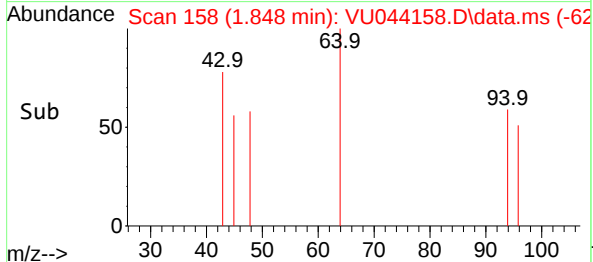
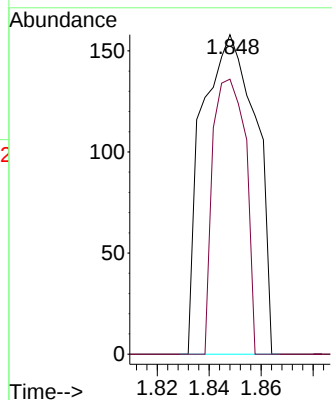
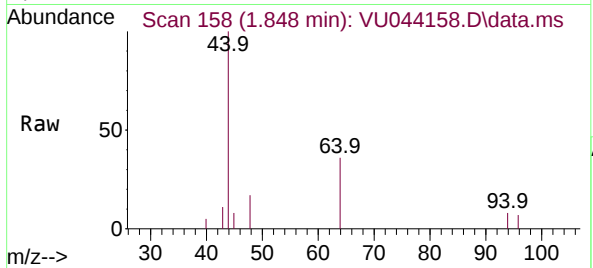




#5
Bromomethane
Concen: 0.227 ug/l
RT: 1.848 min Scan# 158
Delta R.T. 0.009 min
Lab File: VU044158.D
Acq: 10 Jun 2021 16:10

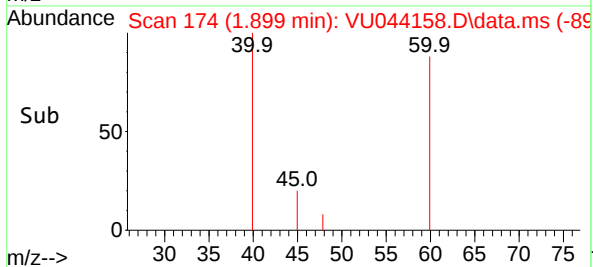
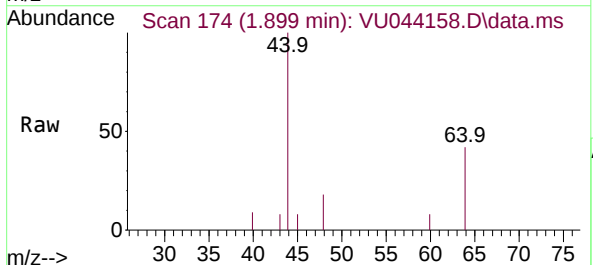
Instrument :
MSVOA_U
ClientSampled :

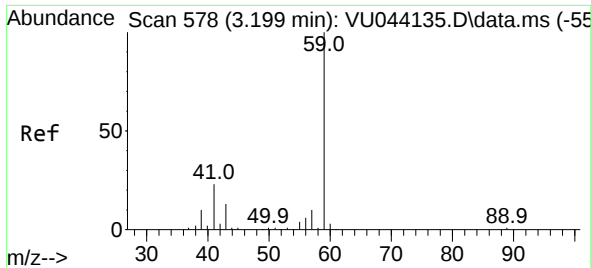
Tgt Ion: 94 Resp: 227
Ion Ratio Lower Upper
94 100
96 86.1 74.1 111.1



#6
Chloroethane
Concen: Below Cal
RT: 1.899 min Scan# 174
Delta R.T. -0.026 min
Lab File: VU044158.D
Acq: 10 Jun 2021 16:10

Tgt Ion: 64 Resp: 96
Ion Ratio Lower Upper
64 100
66 0.0 26.1 39.1#

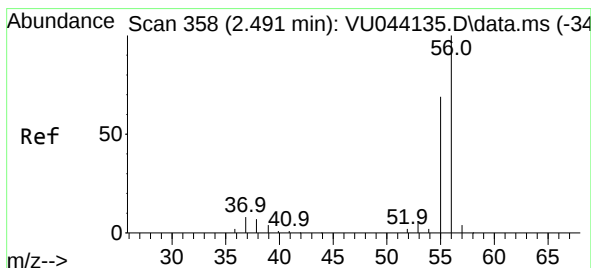
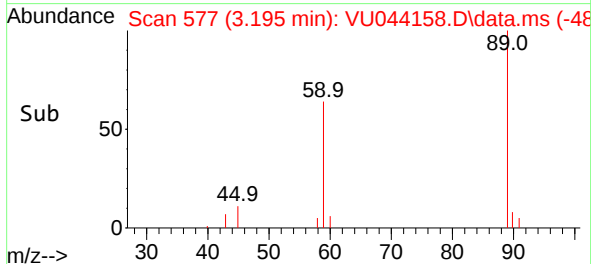
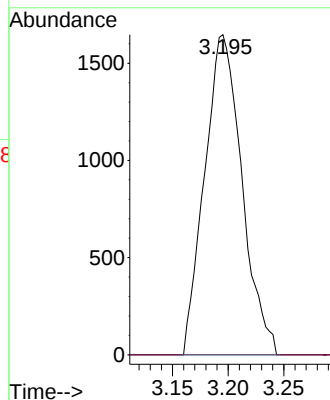
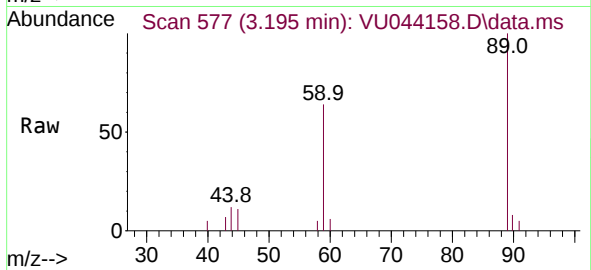




#11
Tert butyl alcohol
Concen: 6.231 ug/l
RT: 3.195 min Scan# 577
Delta R.T. -0.004 min
Lab File: VU044158.D
Acq: 10 Jun 2021 16:10

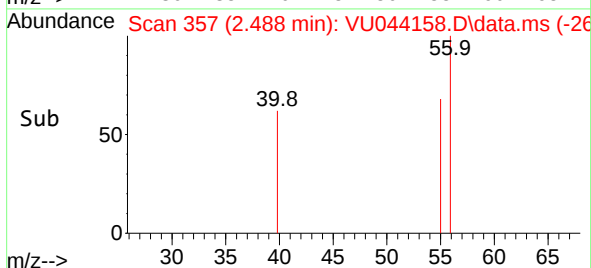
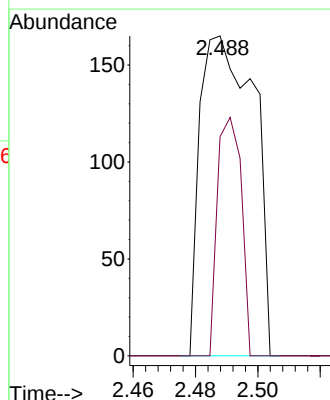
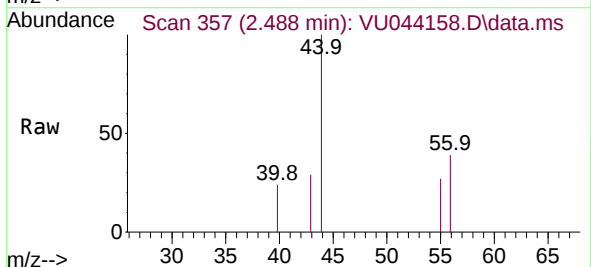
Instrument :
MSVOA_U
ClientSampled :

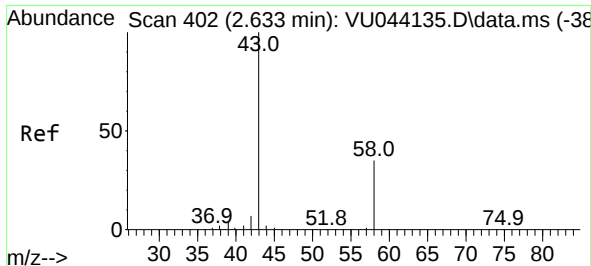
Tgt Ion: 59 Resp: 3839
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



#13
Acrolein
Concen: Below Cal
RT: 2.488 min Scan# 357
Delta R.T. -0.003 min
Lab File: VU044158.D
Acq: 10 Jun 2021 16:10

Tgt Ion: 56 Resp: 197
Ion Ratio Lower Upper
56 100
55 33.0 55.1 82.7#

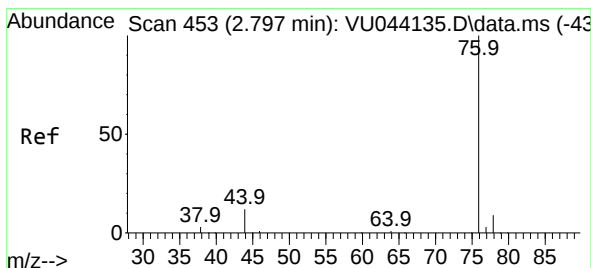
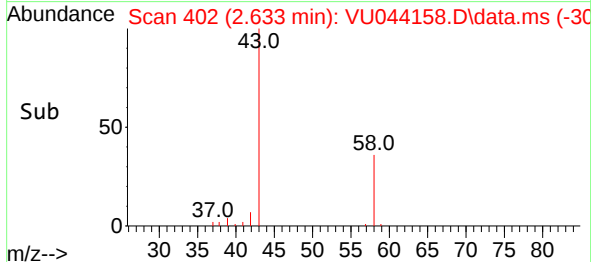
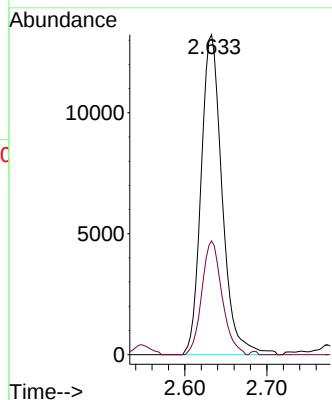
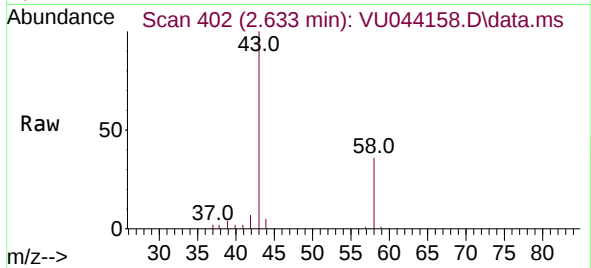




#16
Acetone
Concen: 17.928 ug/l
RT: 2.633 min Scan# 402
Delta R.T. -0.000 min
Lab File: VU044158.D
Acq: 10 Jun 2021 16:10

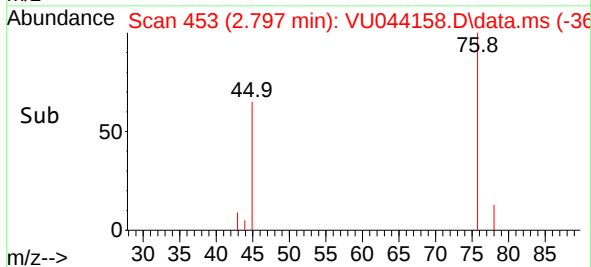
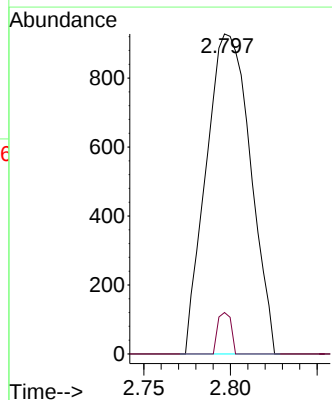
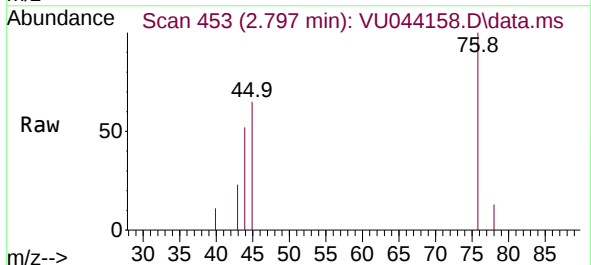
Instrument :
MSVOA_U
ClientSampled :

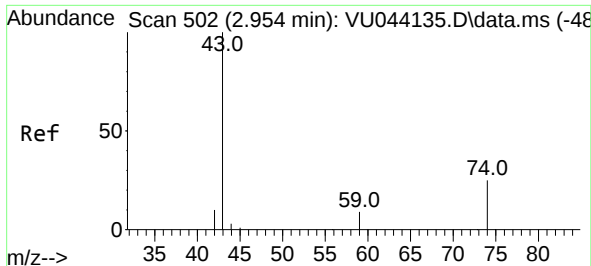
Tgt Ion: 43 Resp: 23551
Ion Ratio Lower Upper
43 100
58 35.6 28.0 42.0



#17
Carbon Disulfide
Concen: 0.290 ug/l
RT: 2.797 min Scan# 453
Delta R.T. -0.000 min
Lab File: VU044158.D
Acq: 10 Jun 2021 16:10

Tgt Ion: 76 Resp: 1650
Ion Ratio Lower Upper
76 100
78 12.9 7.2 10.8#

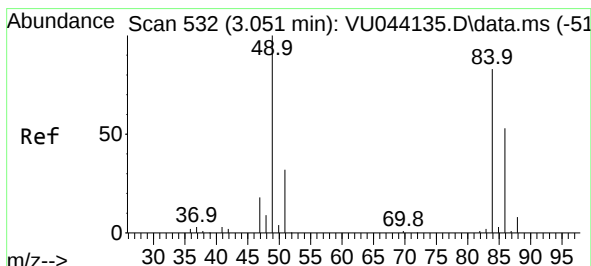
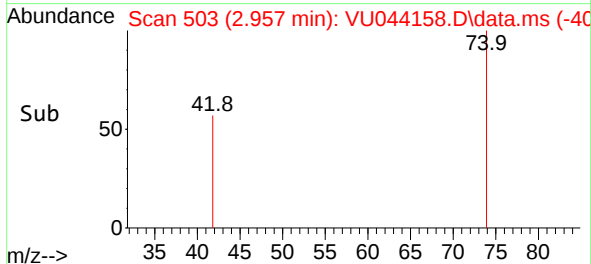
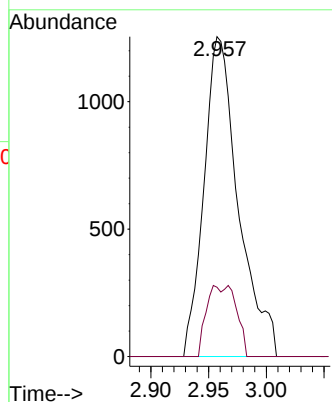
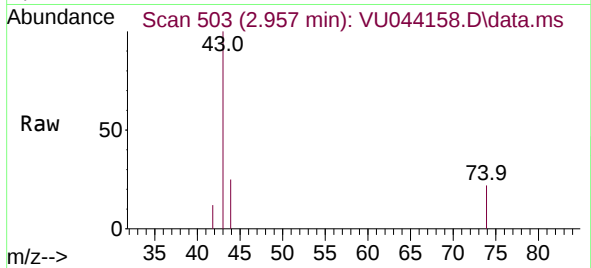




#18
Methyl Acetate
Concen: 0.883 ug/l
RT: 2.957 min Scan# 503
Delta R.T. 0.003 min
Lab File: VU044158.D
Acq: 10 Jun 2021 16:10

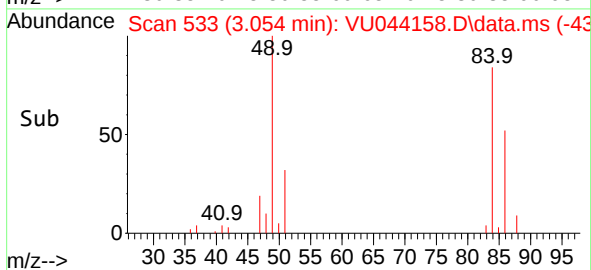
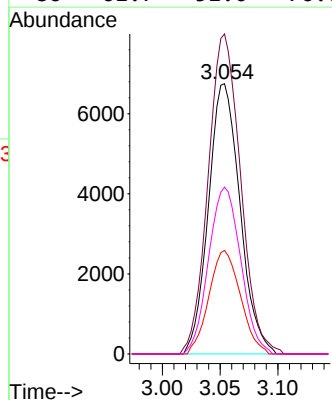
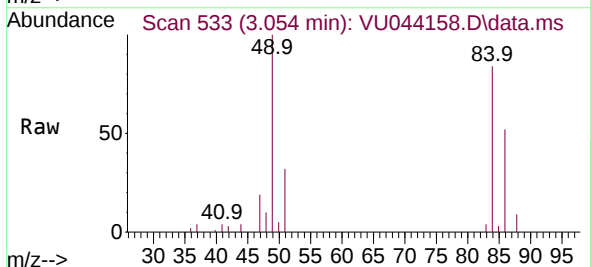
Instrument :
MSVOA_U
ClientSampled :

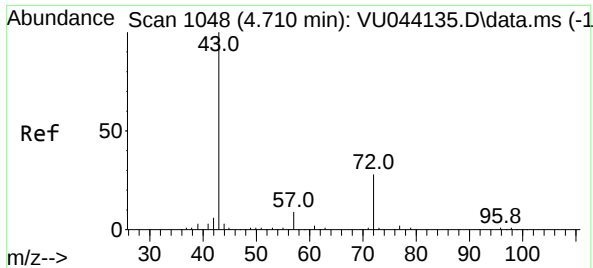
Tgt Ion: 43 Resp: 2600
Ion Ratio Lower Upper
43 100
74 9.9 20.3 30.5#



#20
Methylene Chloride
Concen: 5.144 ug/l
RT: 3.054 min Scan# 533
Delta R.T. 0.003 min
Lab File: VU044158.D
Acq: 10 Jun 2021 16:10

Tgt Ion: 84 Resp: 12837
Ion Ratio Lower Upper
84 100
49 118.4 96.9 145.3
51 38.3 31.0 46.6
86 61.7 51.0 76.6





#25

2-Butanone

Concen: 3.460 ug/l

RT: 4.716 min Scan# 1050

Delta R.T. 0.006 min

Lab File: VU044158.D

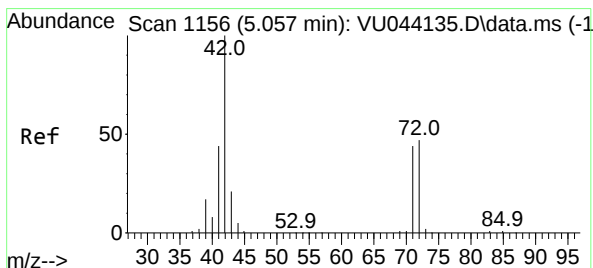
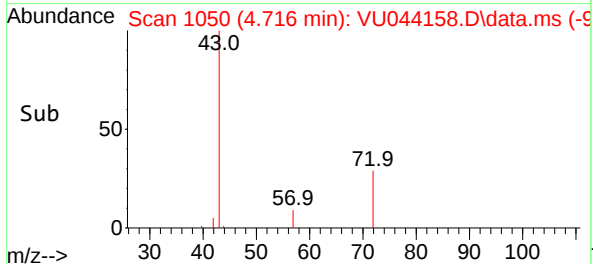
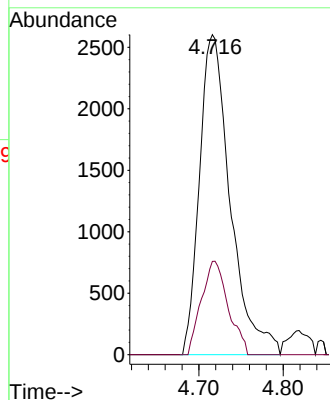
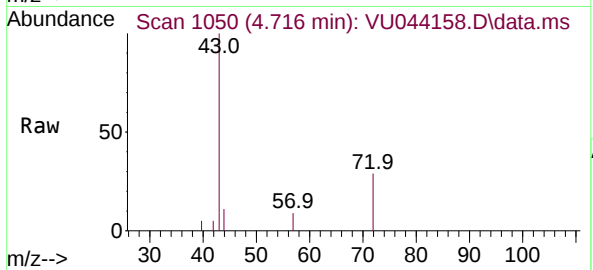
Acq: 10 Jun 2021 16:10

Tgt Ion: 43 Resp: 6614

Ion Ratio Lower Upper

43 100

72 29.2 22.6 33.8



#29

Tetrahydrofuran

Concen: 0.856 ug/l

RT: 5.073 min Scan# 1161

Delta R.T. 0.016 min

Lab File: VU044158.D

Acq: 10 Jun 2021 16:10

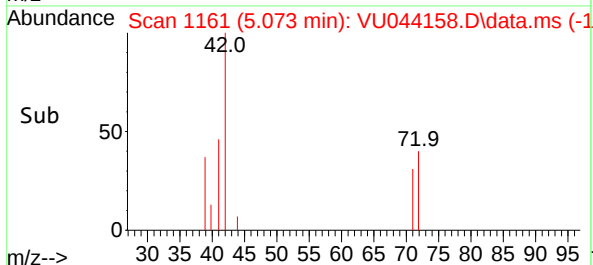
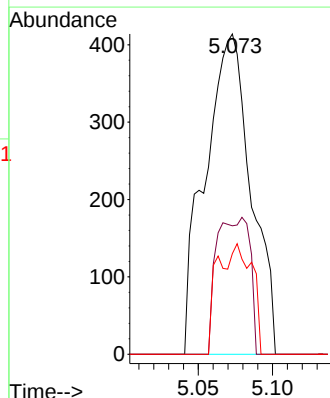
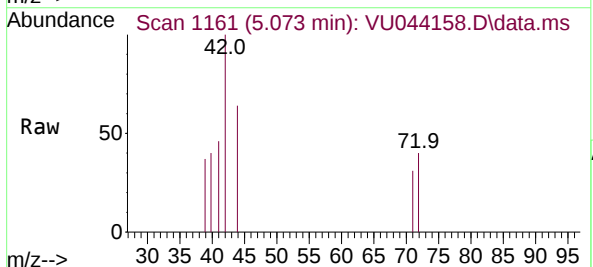
Tgt Ion: 42 Resp: 890

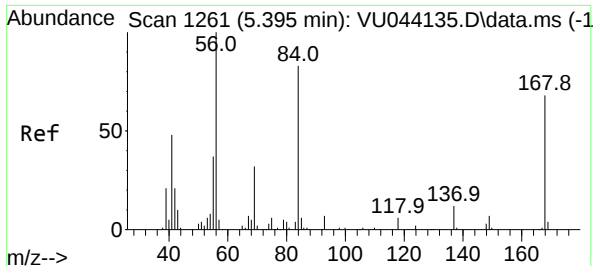
Ion Ratio Lower Upper

42 100

72 30.8 38.6 57.8#

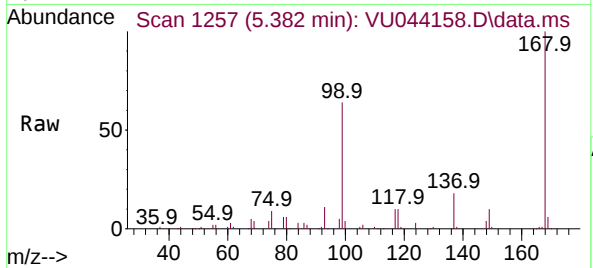
71 15.8 35.5 53.3#



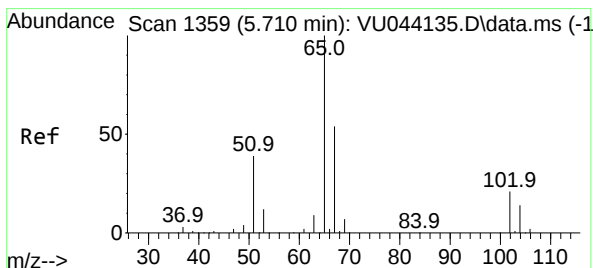
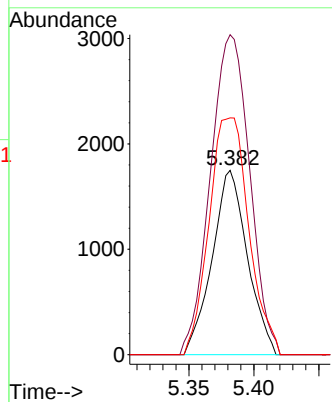
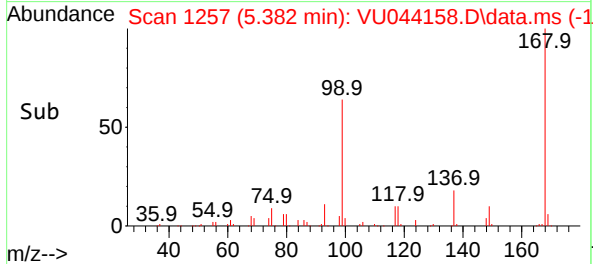


#31
Cyclohexane
Concen: 1.021 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.013 min
Lab File: VU044158.D
Acq: 10 Jun 2021 16:10

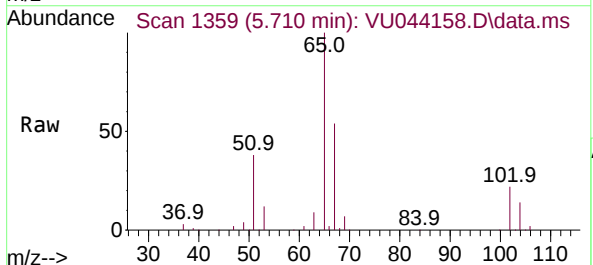
Instrument :
MSVOA_U
ClientSampled :



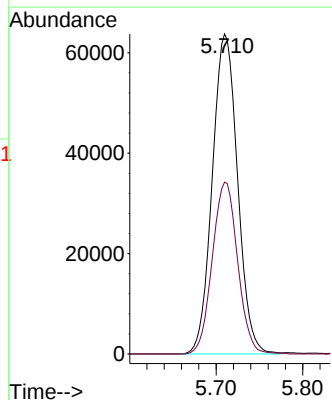
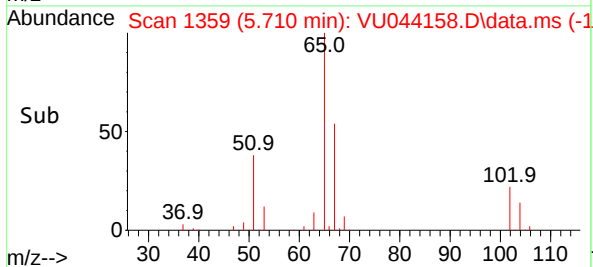
Tgt Ion: 56 Resp: 3299
Ion Ratio Lower Upper
56 100
69 173.6 25.5 38.3#
84 128.4 66.3 99.5#

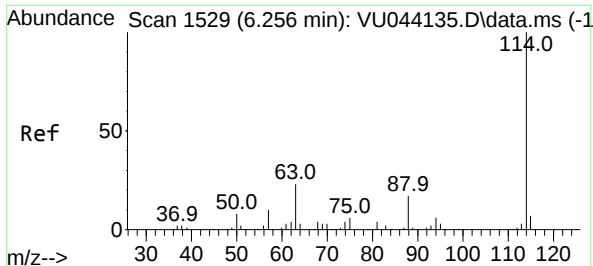


#33
1,2-Dichloroethane-d4
Concen: 56.440 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU044158.D
Acq: 10 Jun 2021 16:10



Tgt Ion: 65 Resp: 129261
Ion Ratio Lower Upper
65 100
67 53.8 0.0 106.6

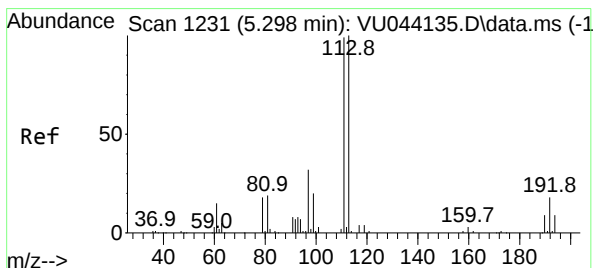
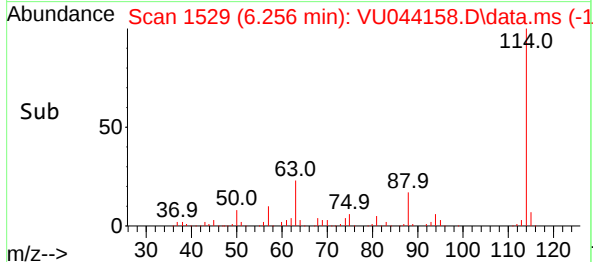
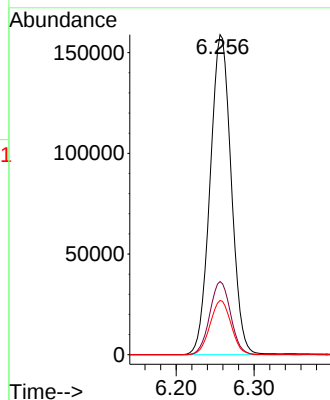
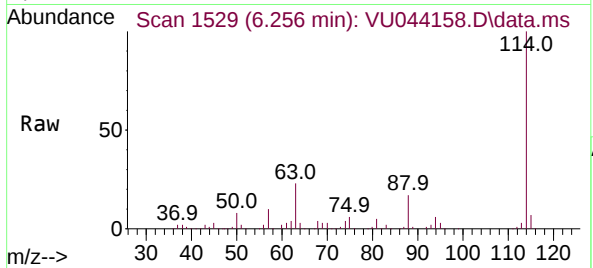




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU044158.D
Acq: 10 Jun 2021 16:10

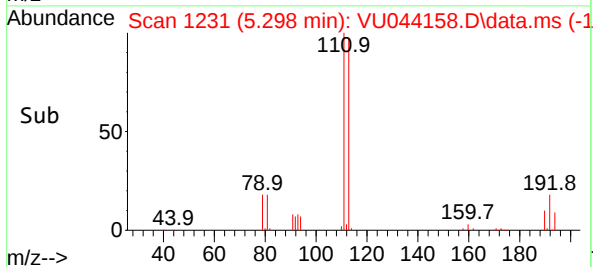
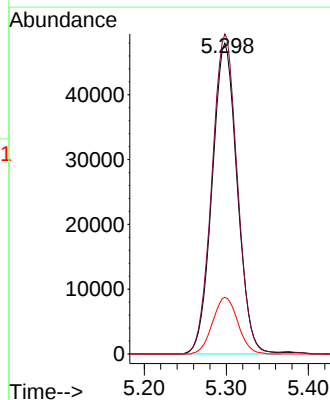
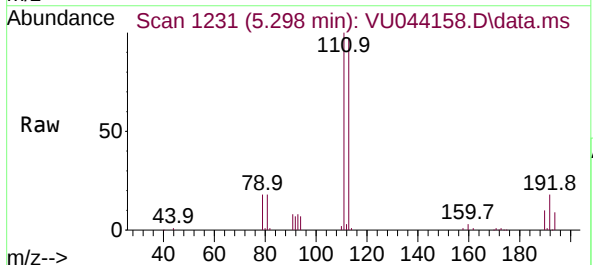
Instrument :
MSVOA_U
ClientSampleId :

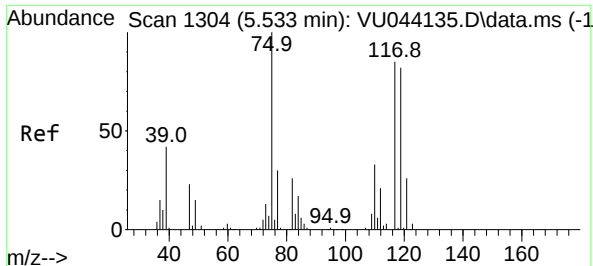
Tgt Ion:114 Resp: 298161
Ion Ratio Lower Upper
114 100
63 22.8 0.0 45.8
88 17.0 0.0 34.0



#35
Dibromofluoromethane
Concen: 49.172 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU044158.D
Acq: 10 Jun 2021 16:10

Tgt Ion:113 Resp: 101988
Ion Ratio Lower Upper
113 100
111 104.4 81.0 121.4
192 18.3 14.3 21.5



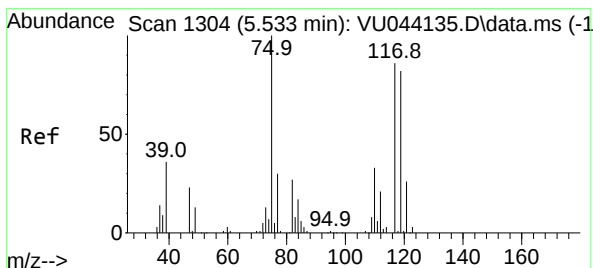
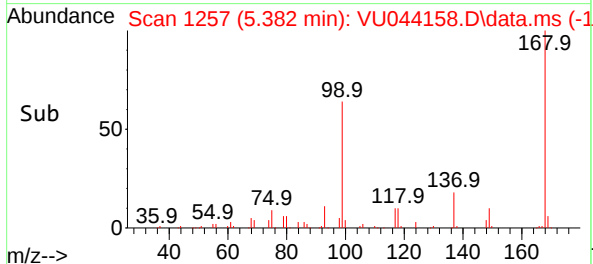
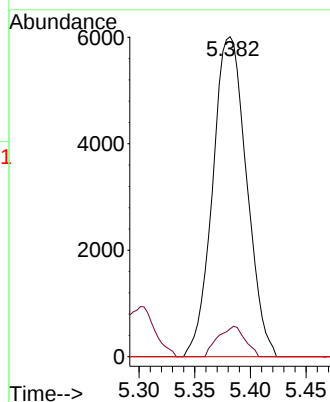
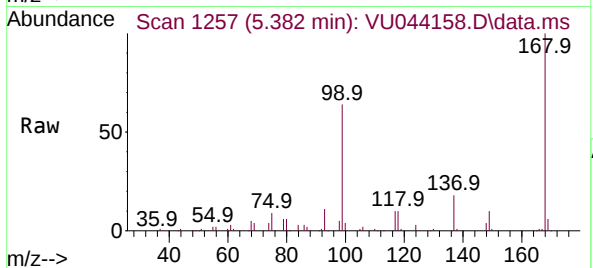


#36

1,1-Dichloropropene
Concen: 3.835 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU044158.D
Acq: 10 Jun 2021 16:10

Instrument :
MSVOA_U
ClientSampled :

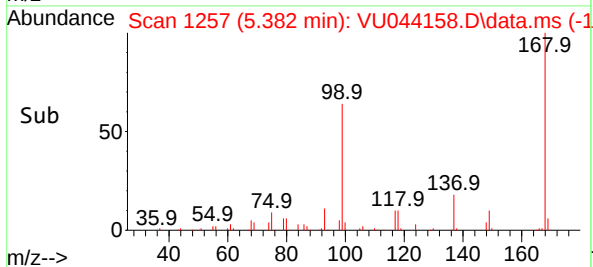
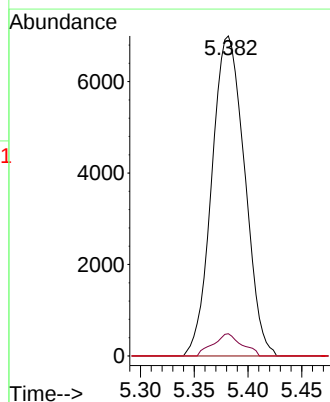
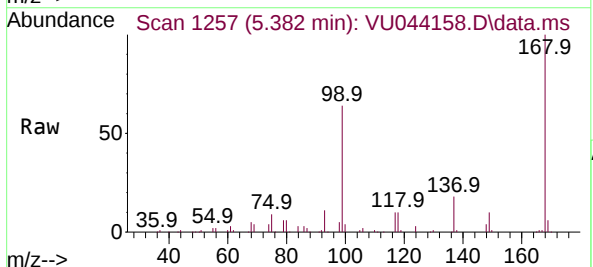
Tgt Ion: 75 Resp: 12721
Ion Ratio Lower Upper
75 100
110 7.6 16.4 49.4#
77 0.0 24.7 37.1#

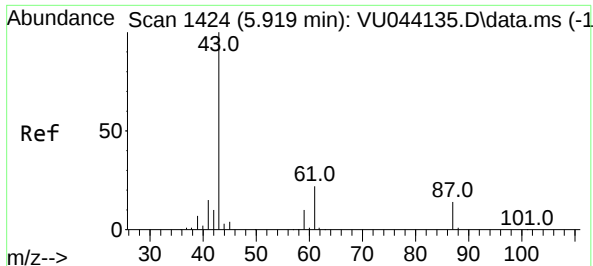


#38

Carbon Tetrachloride
Concen: 4.951 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU044158.D
Acq: 10 Jun 2021 16:10

Tgt Ion:117 Resp: 14828
Ion Ratio Lower Upper
117 100
119 6.9 76.6 114.8#
121 0.0 24.6 36.8#

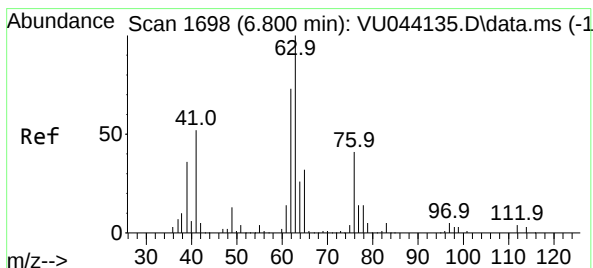
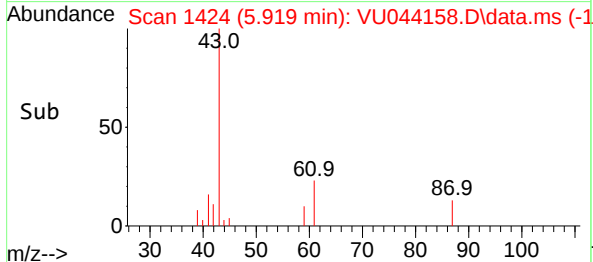
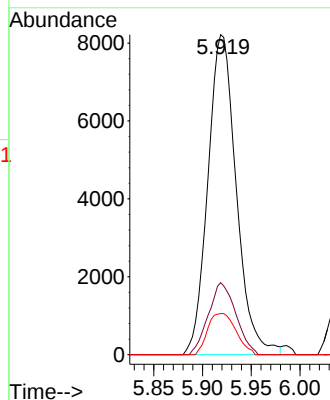
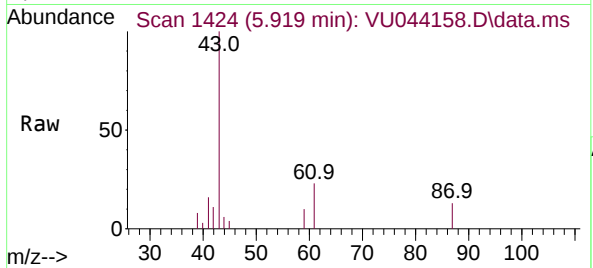




#43
Isopropyl Acetate
Concen: 2.956 ug/l
RT: 5.919 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VU044158.D
Acq: 10 Jun 2021 16:10

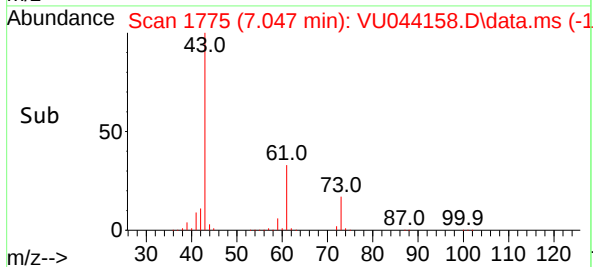
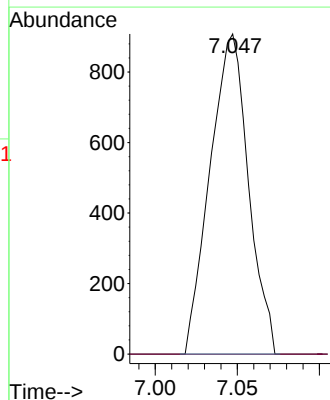
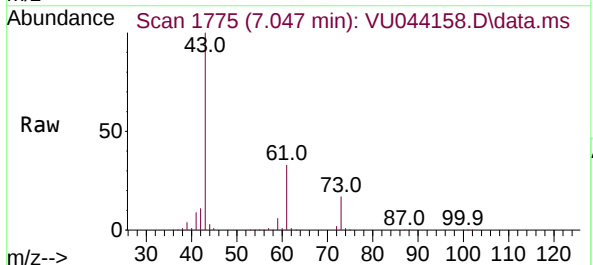
Instrument :
MSVOA_U
ClientSampled :

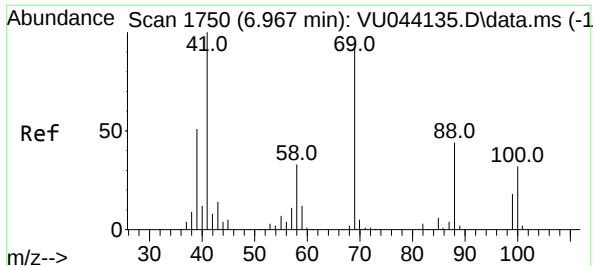
Tgt Ion: 43	Resp: 16660
Ion Ratio	Lower Upper
43 100	
61 21.8	17.8 26.8
87 12.8	11.1 16.7



#45
1,2-Dichloropropane
Concen: 0.553 ug/l
RT: 7.047 min Scan# 1775
Delta R.T. 0.247 min
Lab File: VU044158.D
Acq: 10 Jun 2021 16:10

Tgt Ion: 63	Resp: 1477
Ion Ratio	Lower Upper
63 100	
65 0.0	25.7 38.5#





#48

Methyl methacrylate

Concen: 2.142 ug/l

RT: 6.899 min Scan# 1729

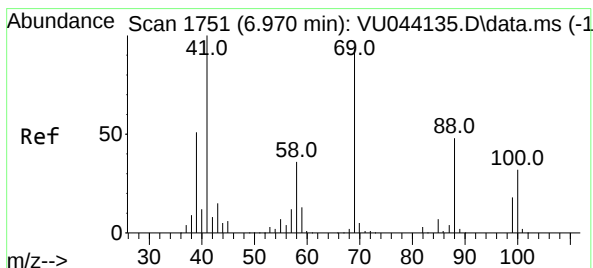
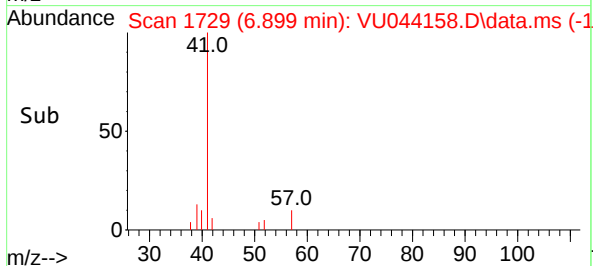
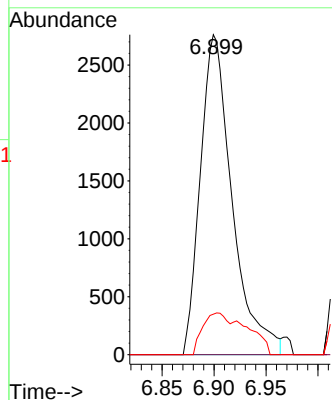
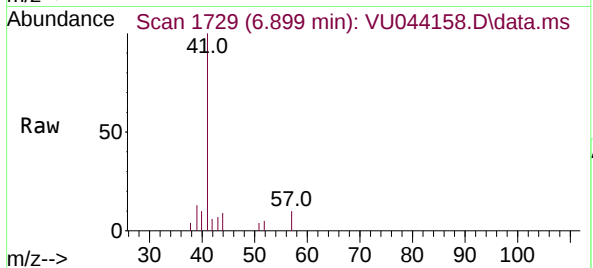
Delta R.T. -0.068 min

Lab File: VU044158.D

Acq: 10 Jun 2021 16:10

Tgt Ion:	41	Resp:	5876
Ion	Ratio	Lower	Upper
41	100		
69	0.0	74.0	111.0#
39	0.0	41.5	62.3#

Instrument :
MSVOA_U
ClientSampled :



#49

1,4-Dioxane

Concen: 0.878 ug/l

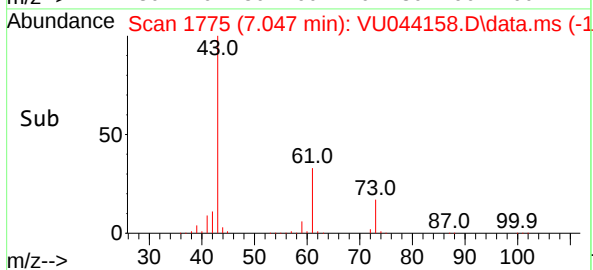
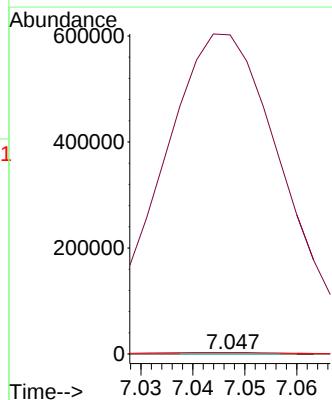
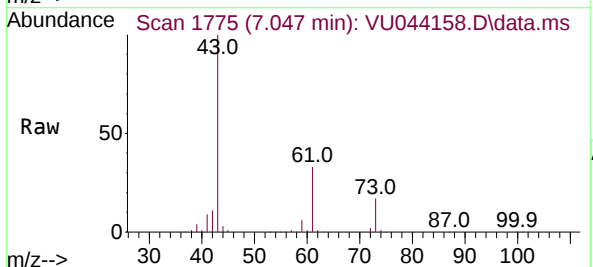
RT: 7.047 min Scan# 1775

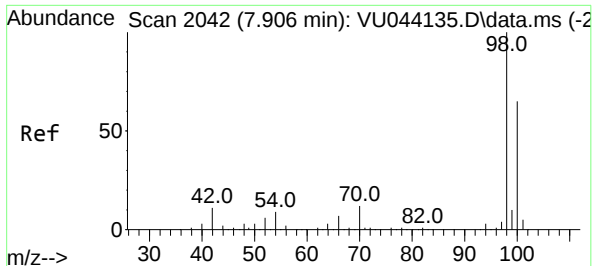
Delta R.T. 0.077 min

Lab File: VU044158.D

Acq: 10 Jun 2021 16:10

Tgt Ion:	88	Resp:	63
Ion	Ratio	Lower	Upper
88	100		
43	1641669.8	23.4	35.0#
58	8552.4	58.1	87.1#





#50

Toluene-d8

Concen: 50.525 ug/l

RT: 7.906 min Scan# 2042

Delta R.T. -0.000 min

Lab File: VU044158.D

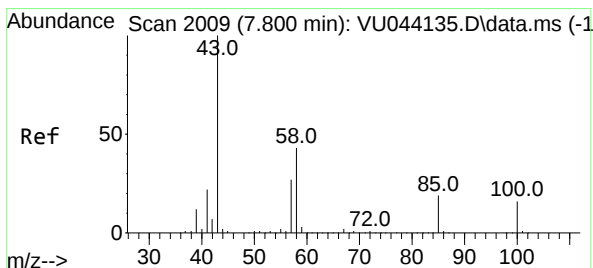
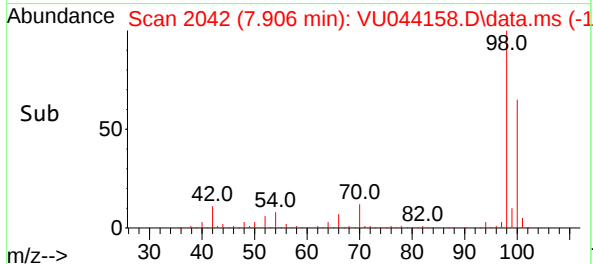
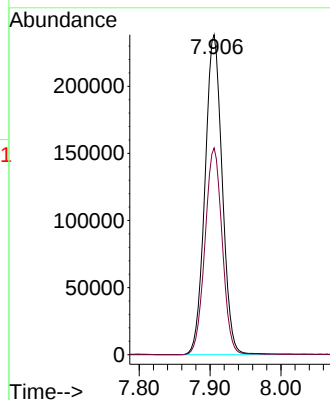
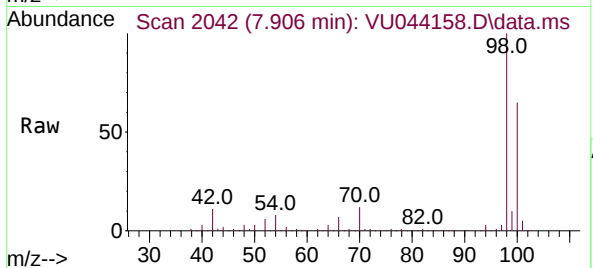
Acq: 10 Jun 2021 16:10

Tgt Ion: 98 Resp: 402458

Ion Ratio Lower Upper

98 100

100 64.6 52.2 78.4



#51

4-Methyl-2-Pentanone

Concen: 1.073 ug/l

RT: 7.800 min Scan# 2009

Delta R.T. -0.000 min

Lab File: VU044158.D

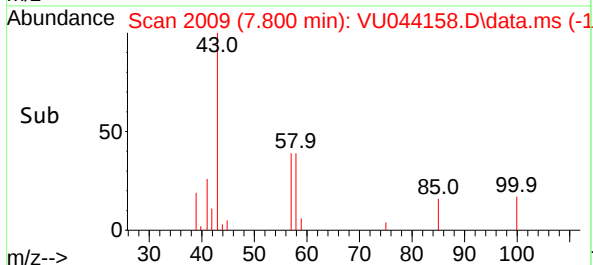
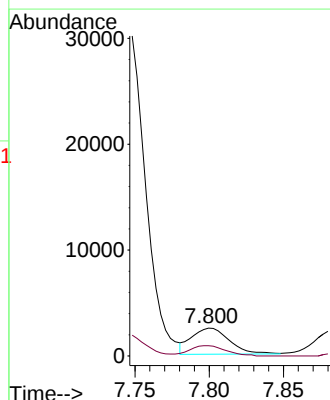
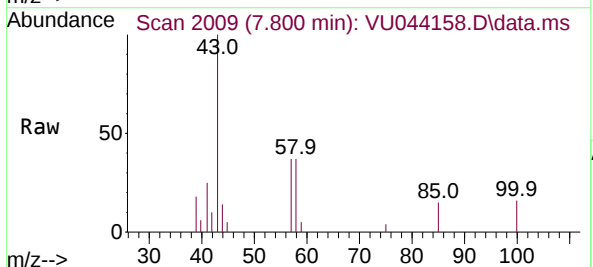
Acq: 10 Jun 2021 16:10

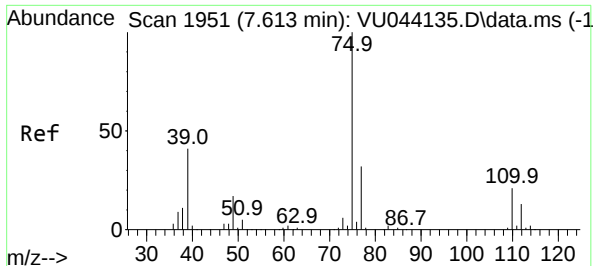
Tgt Ion: 43 Resp: 4376

Ion Ratio Lower Upper

43 100

58 38.3 34.5 51.7

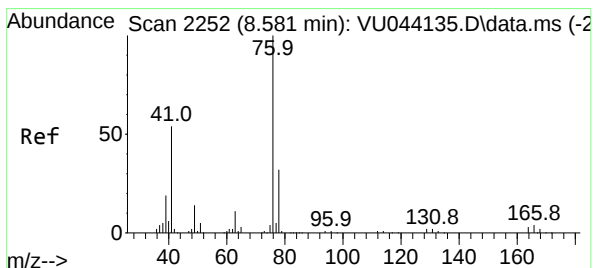
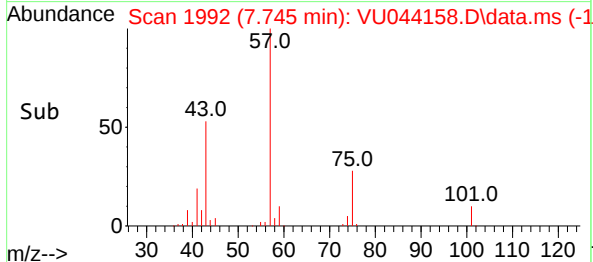
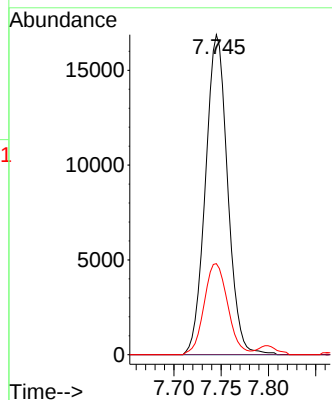
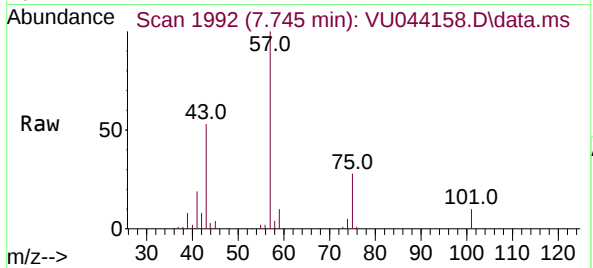




#54
 cis-1,3-Dichloropropene
 Concen: 6.891 ug/l
 RT: 7.745 min Scan# 1992
 Delta R.T. 0.132 min
 Lab File: VU044158.D
 Acq: 10 Jun 2021 16:10

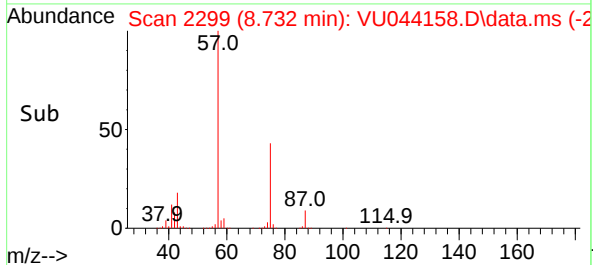
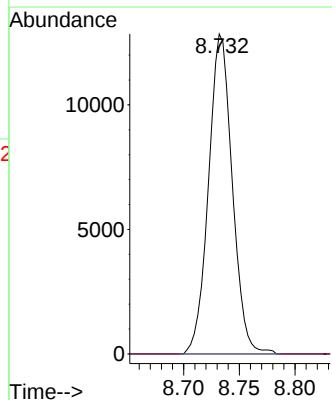
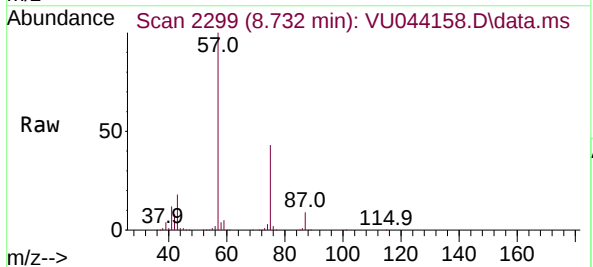
Instrument :
 MSVOA_U
 ClientSampleId :

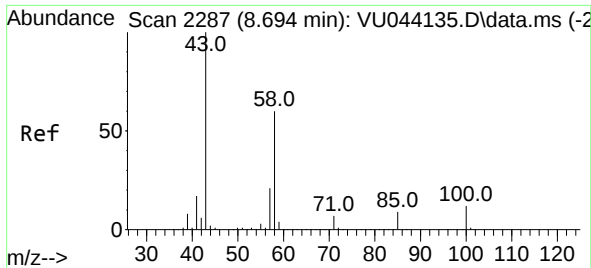
Tgt Ion: 75 Resp: 27548
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.9 38.9#
 39 28.5 33.2 49.8#



#57
 1,3-Dichloropropane
 Concen: 4.394 ug/l
 RT: 8.732 min Scan# 2299
 Delta R.T. 0.151 min
 Lab File: VU044158.D
 Acq: 10 Jun 2021 16:10

Tgt Ion: 76 Resp: 19076
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.9 38.9#

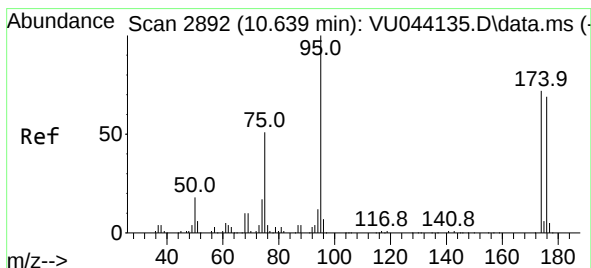
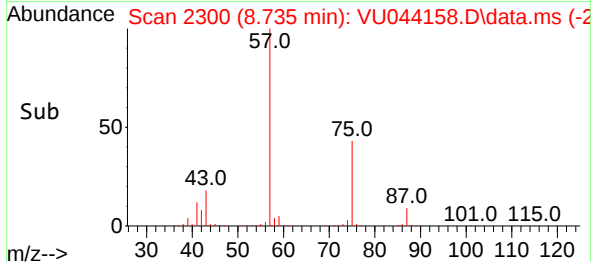
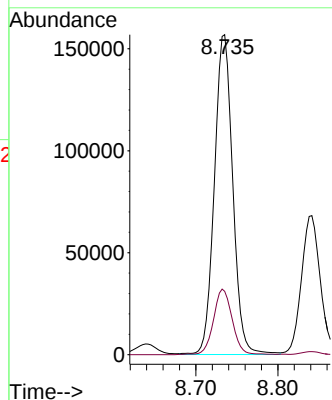
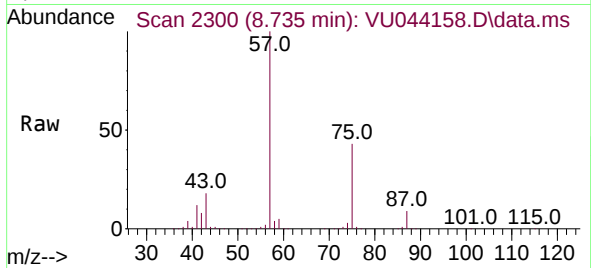




#59
2-Hexanone
Concen: 75.173 ug/l
RT: 8.735 min Scan# 2300
Delta R.T. 0.041 min
Lab File: VU044158.D
Acq: 10 Jun 2021 16:10

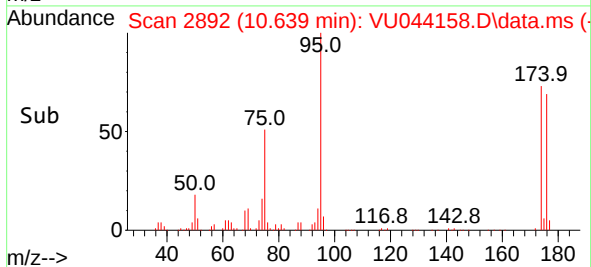
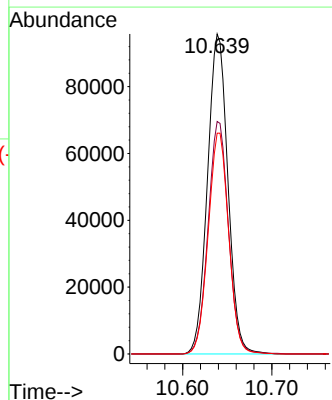
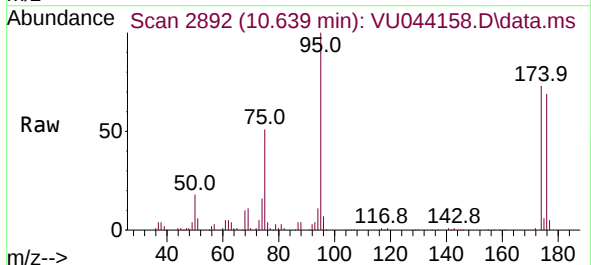
Instrument :
MSVOA_U
ClientSampled :

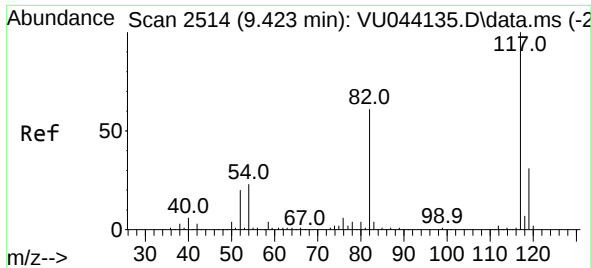
Tgt Ion: 43 Resp: 244721
Ion Ratio Lower Upper
43 100
58 20.9 30.0 90.1#



#62
4-Bromofluorobenzene
Concen: 47.603 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU044158.D
Acq: 10 Jun 2021 16:10

Tgt Ion: 95 Resp: 151958
Ion Ratio Lower Upper
95 100
174 72.6 0.0 144.4
176 69.2 0.0 138.0

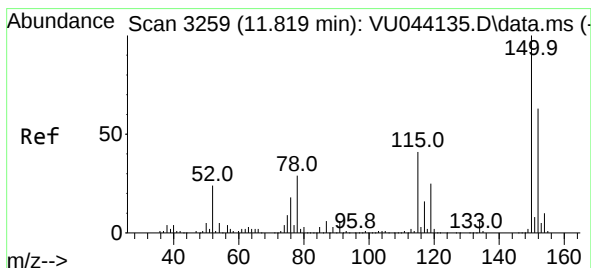
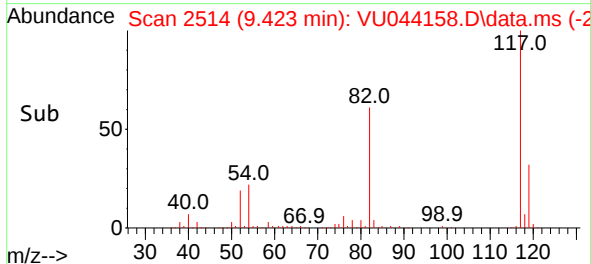
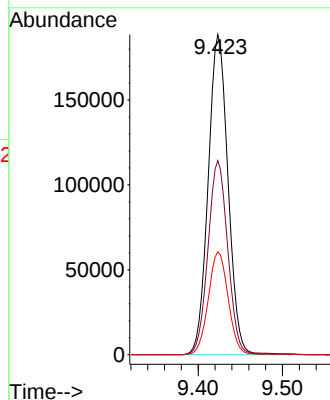
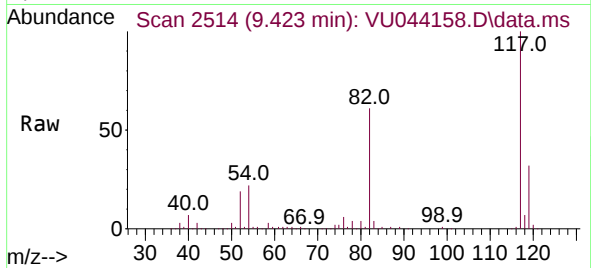




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. -0.000 min
Lab File: VU044158.D
Acq: 10 Jun 2021 16:10

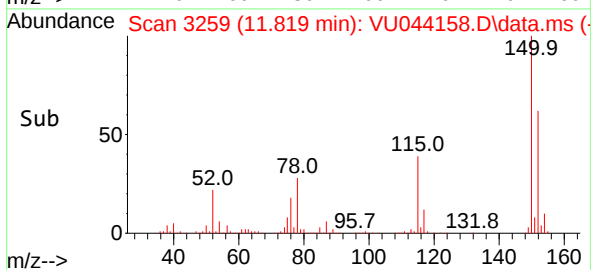
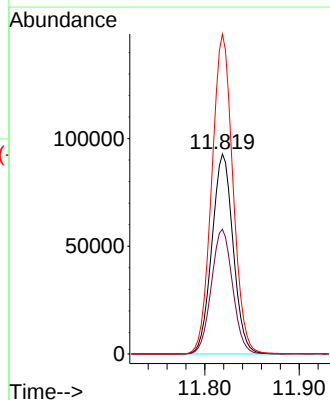
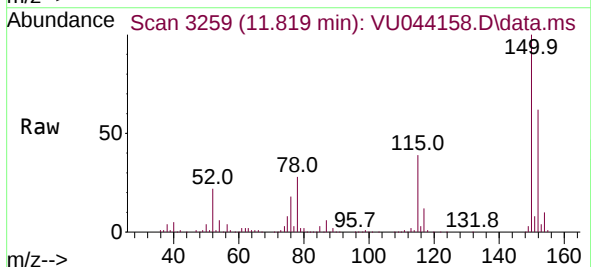
Instrument :
MSVOA_U
ClientSampleId :

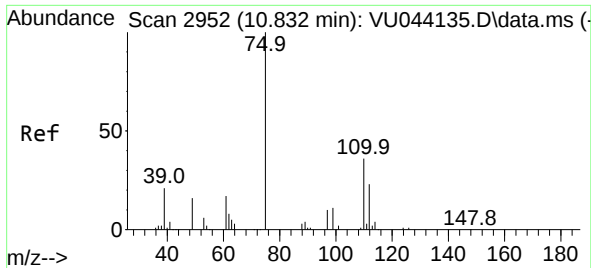
Tgt Ion:117 Resp: 309159
Ion Ratio Lower Upper
117 100
82 60.6 48.8 73.2
119 32.2 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU044158.D
Acq: 10 Jun 2021 16:10

Tgt Ion:152 Resp: 145049
Ion Ratio Lower Upper
152 100
115 62.4 43.8 131.3
150 159.0 0.0 350.6

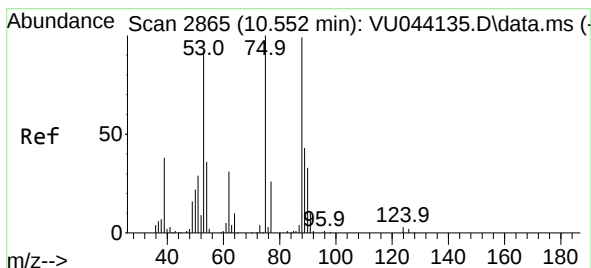
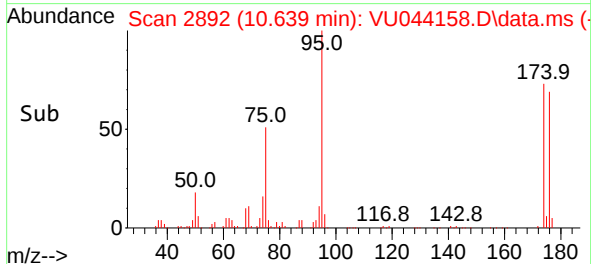
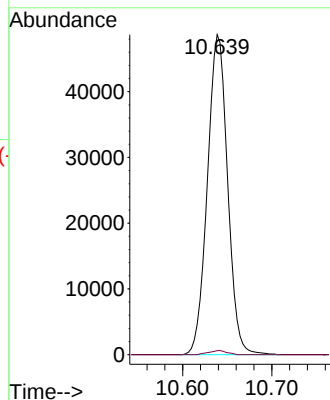
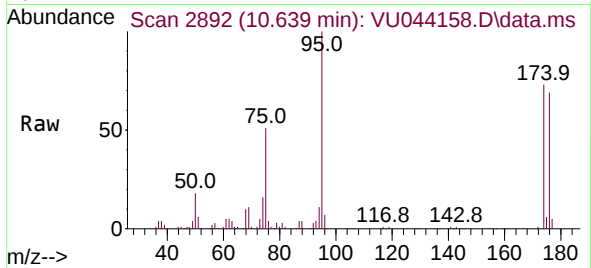




#76
1,2,3-Trichloropropane
Concen: 15.748 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.193 min
Lab File: VU044158.D
Acq: 10 Jun 2021 16:10

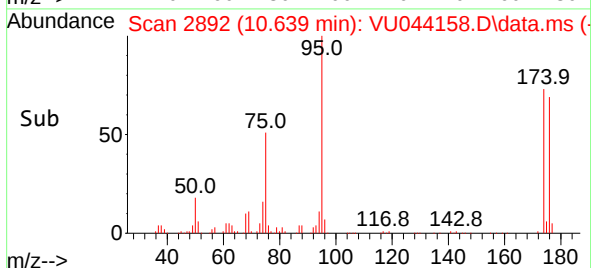
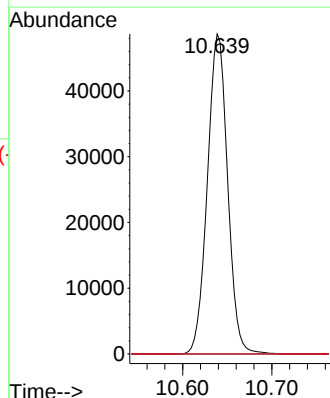
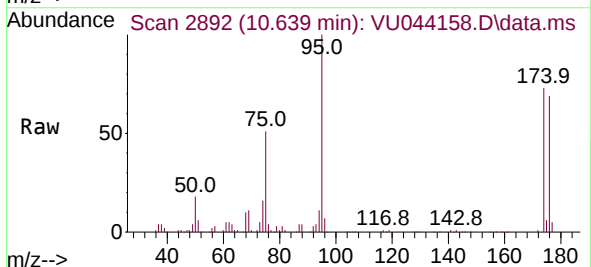
Instrument :
MSVOA_U
ClientSampled :

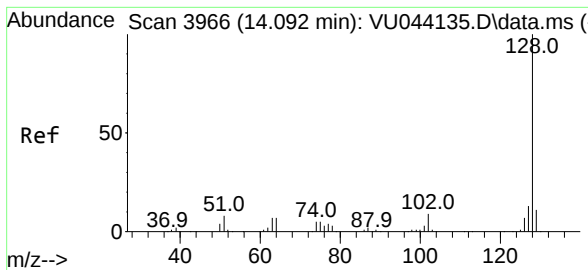
Tgt Ion: 75 Resp: 76587
Ion Ratio Lower Upper
75 100
77 1.2 14.9 44.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.087 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.087 min
Lab File: VU044158.D
Acq: 10 Jun 2021 16:10

Tgt Ion: 75 Resp: 76587
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.2#
89 0.0 35.0 52.6#





#95
Naphthalene
Concen: 2.862 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU044158.D
Acq: 10 Jun 2021 16:10

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 283
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

