

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061421\
 Data File : VU044204.D
 Acq On : 15 Jun 2021 00:50
 Operator : SY/MD
 Sample : M2672-40
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 15 04:59:33 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)

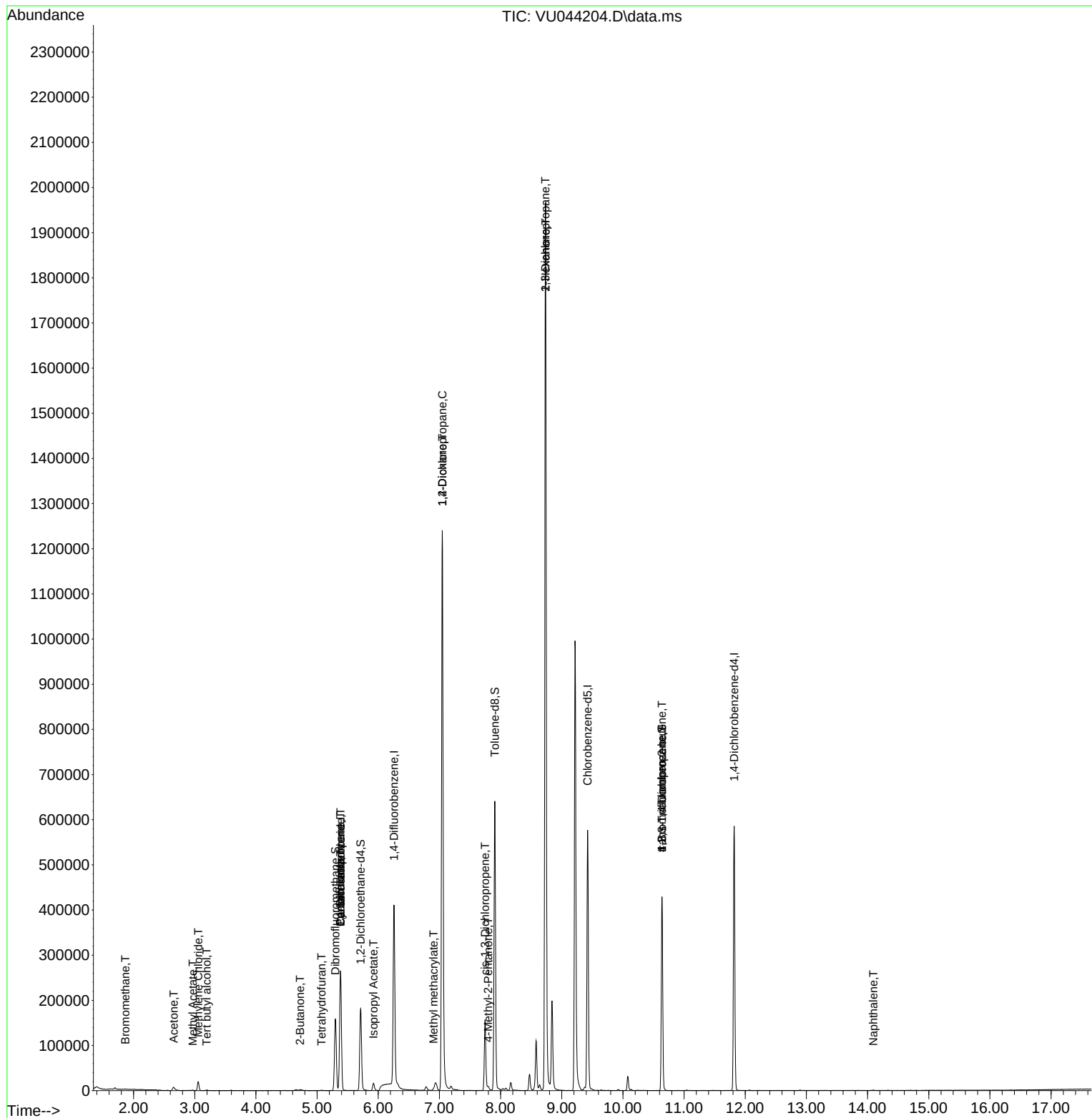
Internal Standards						
1) Pentafluorobenzene	5.385	168	174794	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.260	114	318299	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	315924	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	149863	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	136671	49.168	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.340%	
35) Dibromofluoromethane	5.301	113	105904	47.830	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.660%	
50) Toluene-d8	7.906	98	414519	48.747	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.500%	
62) 4-Bromofluorobenzene	10.639	95	148157	43.476	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.960%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	290	Below Cal	#	83
5) Bromomethane	1.867	94	388	0.320	ug/l	85
6) Chloroethane	1.938	64	284	Below Cal	#	42
11) Tert butyl alcohol	3.195	59	846	1.131	ug/l	# 73
16) Acetone	2.655	43	13805	7.542	ug/l	99
18) Methyl Acetate	2.970	43	1338	0.374	ug/l	# 56
20) Methylene Chloride	3.057	84	9484	2.651	ug/l	95
25) 2-Butanone	4.723	43	4209	1.814	ug/l	96
29) Tetrahydrofuran	5.073	42	633	0.502	ug/l	# 67
31) Cyclohexane	5.382	56	3718	0.948	ug/l	# 1
36) 1,1-Dichloropropene	5.382	75	15235	4.302	ug/l	# 50
38) Carbon Tetrachloride	5.385	117	18387	5.751	ug/l	# 16
43) Isopropyl Acetate	5.922	43	17693	2.941	ug/l	99
45) 1,2-Dichloropropane	7.050	63	1608	0.564	ug/l	# 43
48) Methyl methacrylate	6.906	41	6556	2.239	ug/l	# 11
49) 1,4-Dioxane	7.050	88	137	1.789	ug/l	# 1
51) 4-Methyl-2-Pentanone	7.796	43	5258	1.207	ug/l	94
54) cis-1,3-Dichloropropene	7.745	75	30707	7.195	ug/l	# 64
57) 1,3-Dichloropropane	8.732	76	21810	4.705	ug/l	# 42
59) 2-Hexanone	8.735	43	267318	76.919	ug/l	# 49
76) 1,2,3-Trichloropropane	10.639	75	74205	14.768	ug/l	# 47
81) trans-1,4-Dichloro-2-b...	10.639	75	74205	53.535	ug/l	# 13
95) Naphthalene	14.095	128	1168	2.940	ug/l	# 69

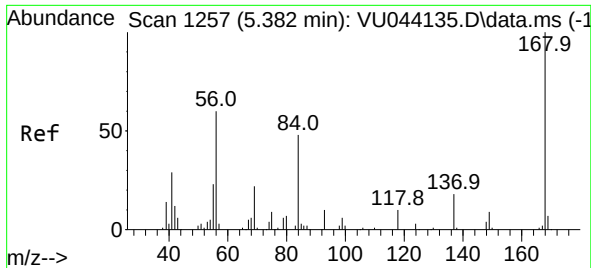
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061421\
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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jun 15 04:59:33 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

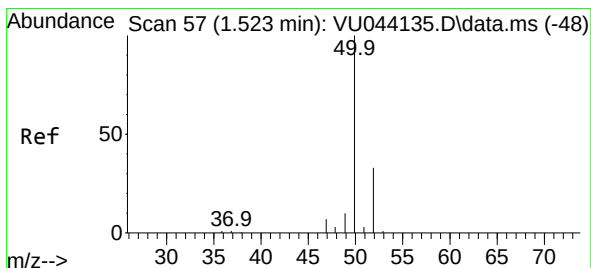
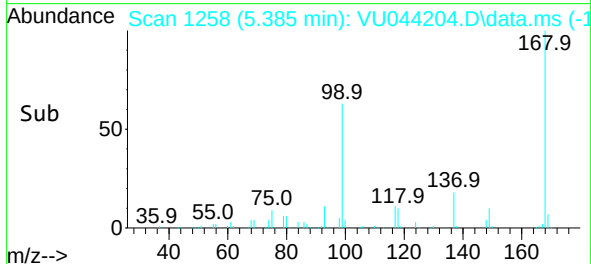
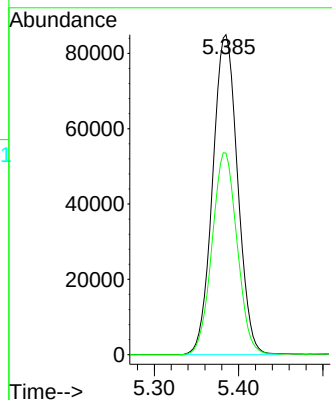
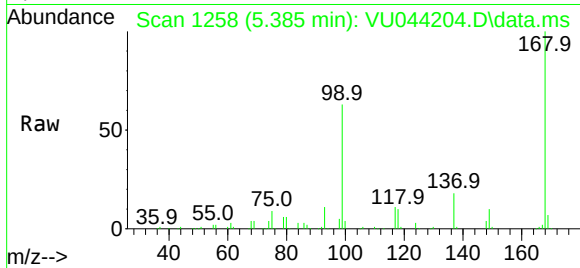




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. 0.003 min
Lab File: VU044204.D
Acq: 15 Jun 2021 00:50

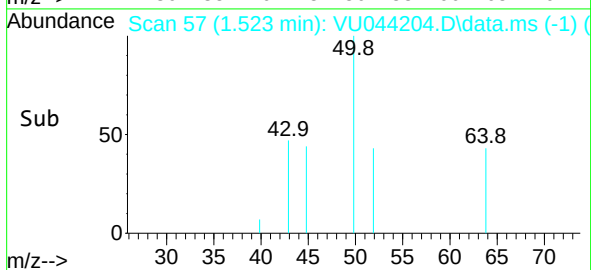
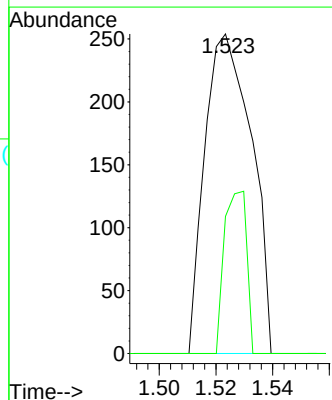
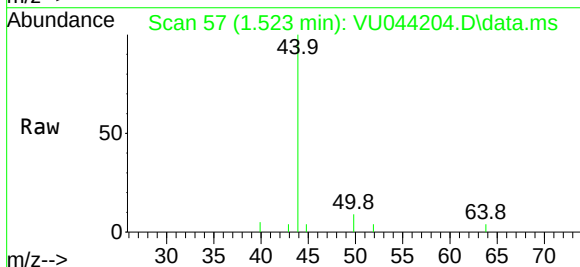
Instrument :
MSVOA_U
ClientSampled :

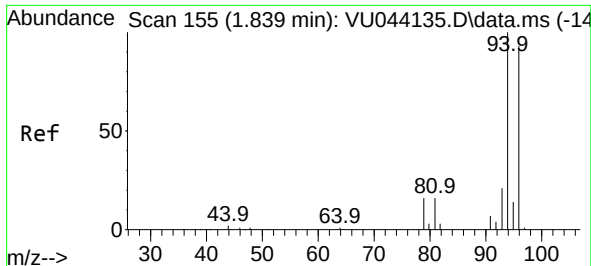
Tgt Ion:168 Resp: 174794
Ion Ratio Lower Upper
168 100
99 63.0 51.3 76.9



#3
Chloromethane
Concen: Below Cal
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU044204.D
Acq: 15 Jun 2021 00:50

Tgt Ion: 50 Resp: 290
Ion Ratio Lower Upper
50 100
52 42.9 26.6 39.8#

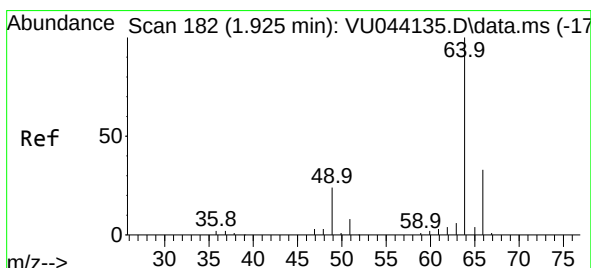
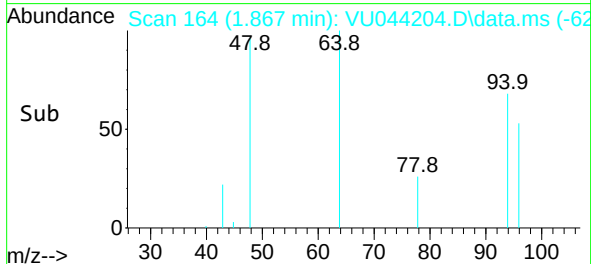
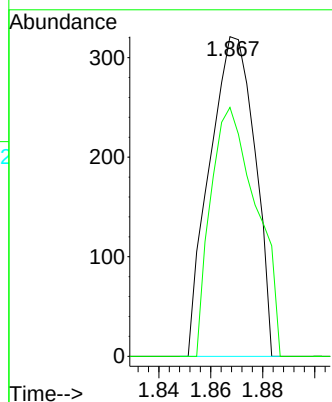
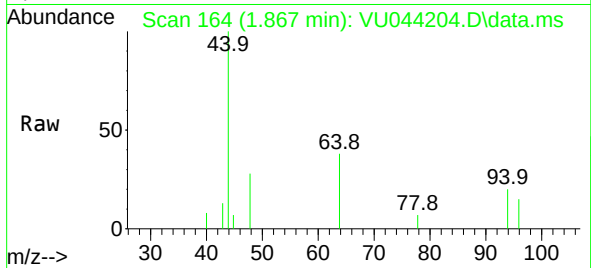




#5
Bromomethane
Concen: 0.320 ug/l
RT: 1.867 min Scan# 164
Delta R.T. 0.028 min
Lab File: VU044204.D
Acq: 15 Jun 2021 00:50

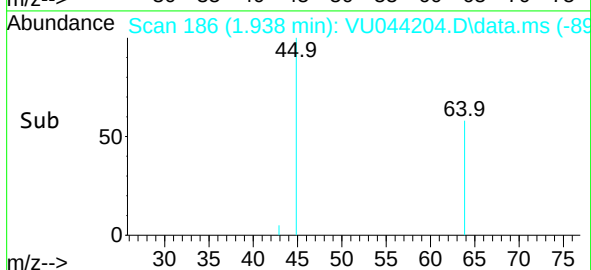
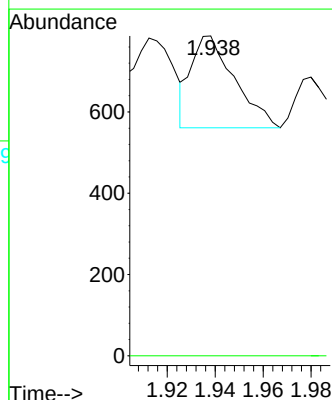
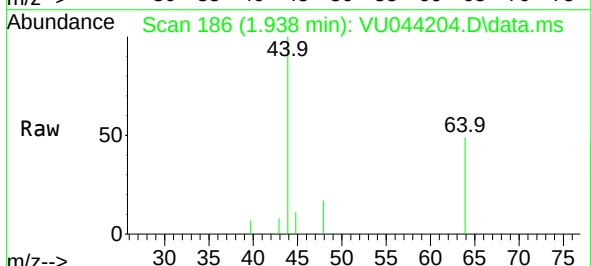
Instrument :
MSVOA_U
ClientSampled :

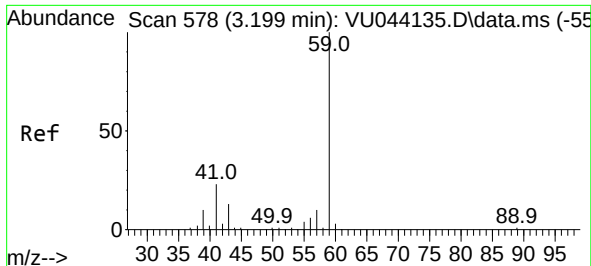
Tgt Ion: 94 Resp: 388
Ion Ratio Lower Upper
94 100
96 77.9 74.1 111.1



#6
Chloroethane
Concen: Below Cal
RT: 1.938 min Scan# 186
Delta R.T. 0.013 min
Lab File: VU044204.D
Acq: 15 Jun 2021 00:50

Tgt Ion: 64 Resp: 284
Ion Ratio Lower Upper
64 100
66 0.0 26.1 39.1#



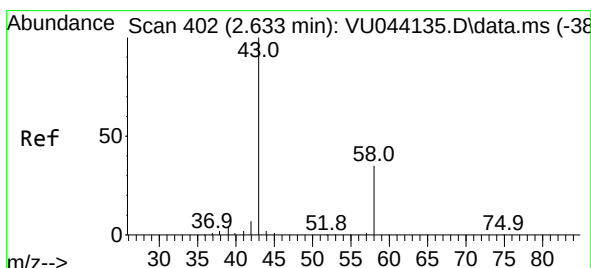
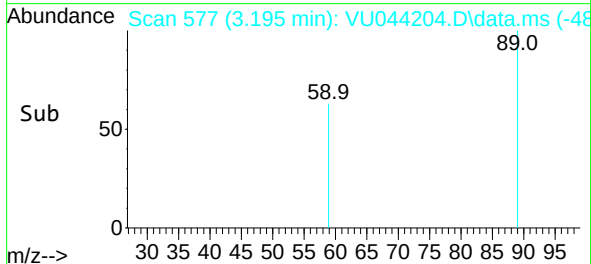
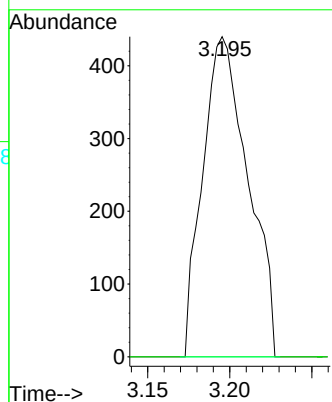
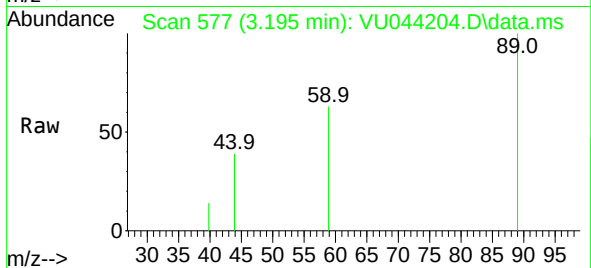


#11

Tert butyl alcohol
Concen: 1.131 ug/l
RT: 3.195 min Scan# 577
Delta R.T. -0.004 min
Lab File: VU044204.D
Acq: 15 Jun 2021 00:50

Instrument :
MSVOA_U
ClientSampled :

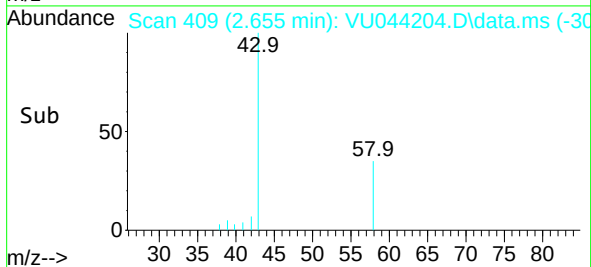
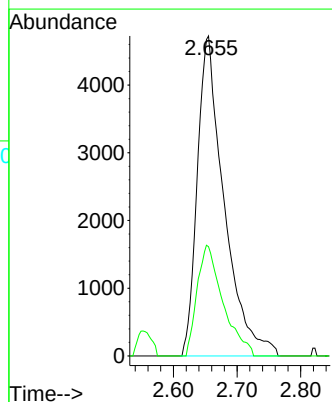
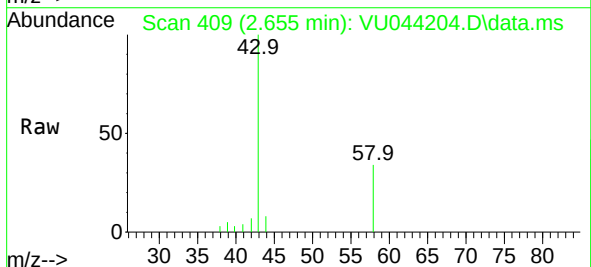
Tgt Ion: 59 Resp: 846
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

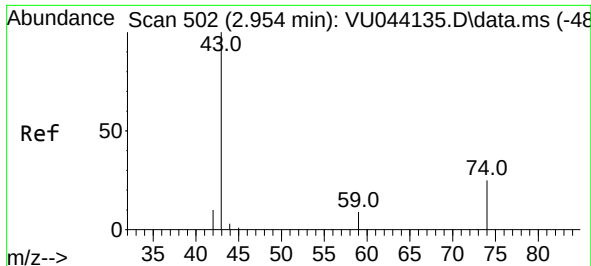


#16

Acetone
Concen: 7.542 ug/l
RT: 2.655 min Scan# 409
Delta R.T. 0.022 min
Lab File: VU044204.D
Acq: 15 Jun 2021 00:50

Tgt Ion: 43 Resp: 13805
Ion Ratio Lower Upper
43 100
58 34.1 28.0 42.0

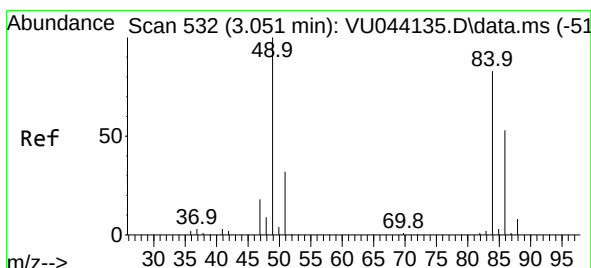
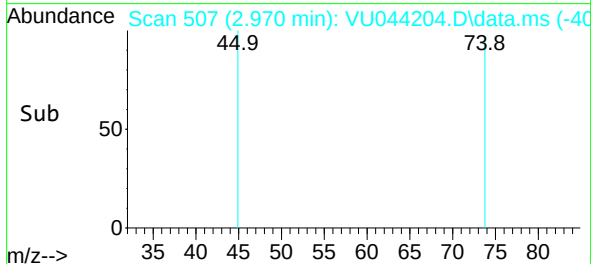
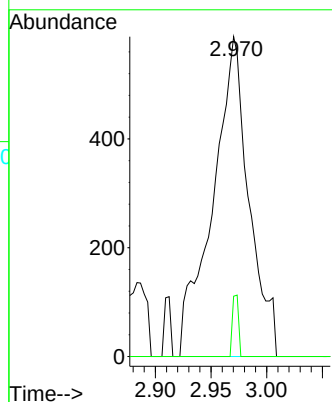
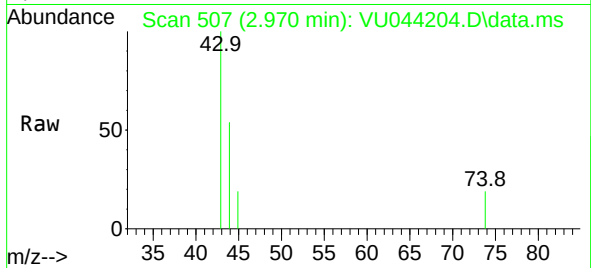




#18
Methyl Acetate
Concen: 0.374 ug/l
RT: 2.970 min Scan# 507
Delta R.T. 0.016 min
Lab File: VU044204.D
Acq: 15 Jun 2021 00:50

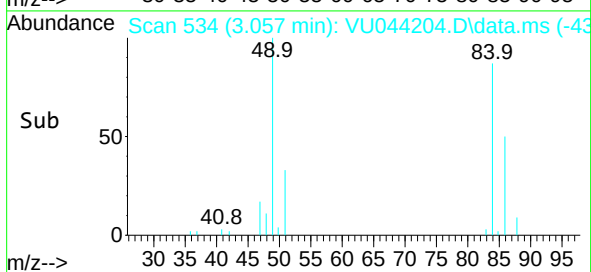
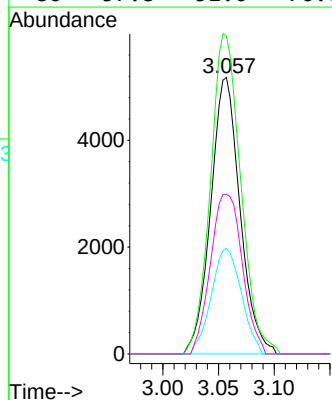
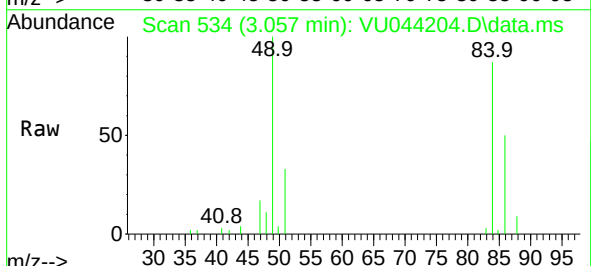
Instrument :
MSVOA_U
ClientSampled :

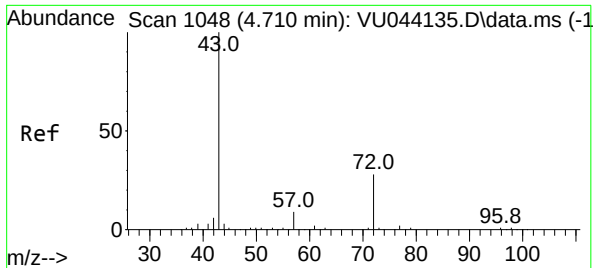
Tgt Ion: 43 Resp: 1338
Ion Ratio Lower Upper
43 100
74 3.2 20.3 30.5#



#20
Methylene Chloride
Concen: 2.651 ug/l
RT: 3.057 min Scan# 534
Delta R.T. 0.006 min
Lab File: VU044204.D
Acq: 15 Jun 2021 00:50

Tgt Ion: 84 Resp: 9484
Ion Ratio Lower Upper
84 100
49 115.0 96.9 145.3
51 38.1 31.0 46.6
86 57.8 51.0 76.6

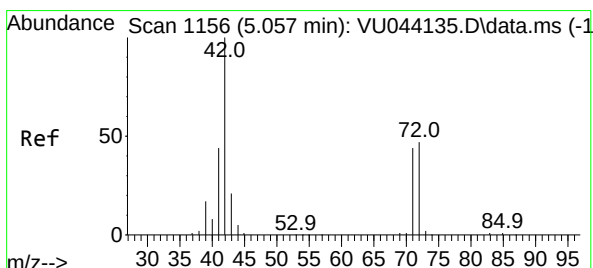
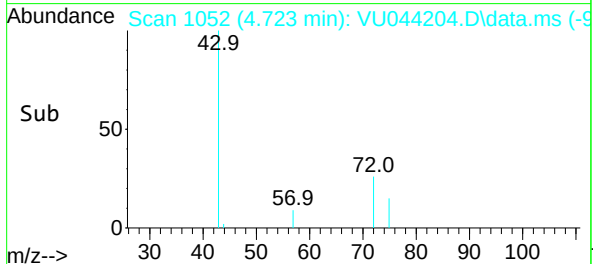
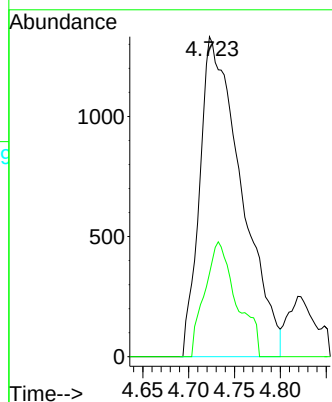
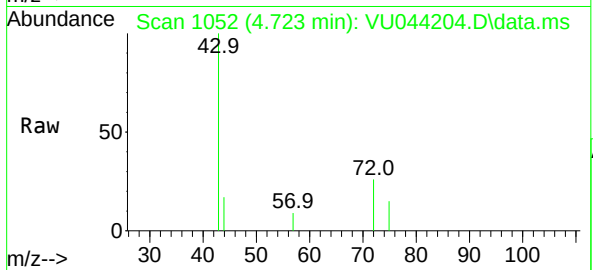




#25
2-Butanone
Concen: 1.814 ug/l
RT: 4.723 min Scan# 1052
Delta R.T. 0.013 min
Lab File: VU044204.D
Acq: 15 Jun 2021 00:50

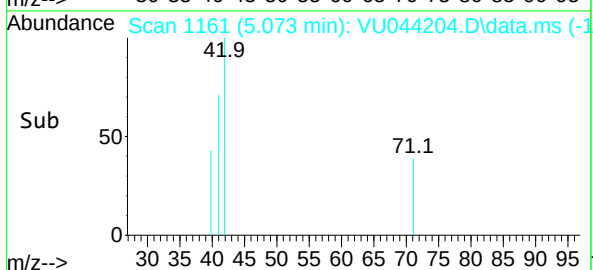
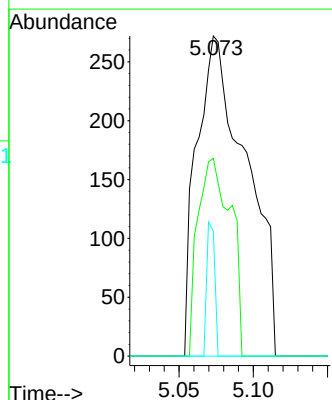
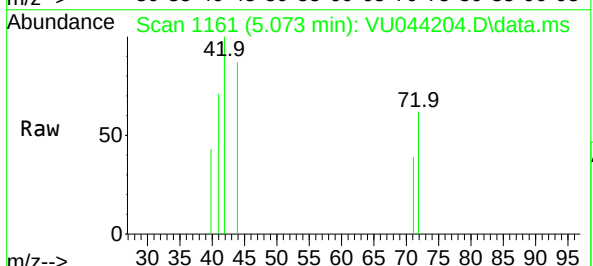
Instrument :
MSVOA_U
ClientSampled :

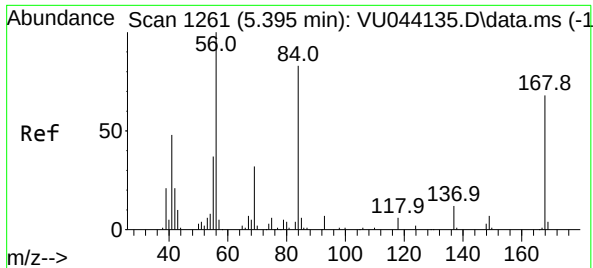
Tgt Ion: 43 Resp: 4209
Ion Ratio Lower Upper
43 100
72 26.0 22.6 33.8



#29
Tetrahydrofuran
Concen: 0.502 ug/l
RT: 5.073 min Scan# 1161
Delta R.T. 0.016 min
Lab File: VU044204.D
Acq: 15 Jun 2021 00:50

Tgt Ion: 42 Resp: 633
Ion Ratio Lower Upper
42 100
72 40.9 38.6 57.8
71 6.6 35.5 53.3#

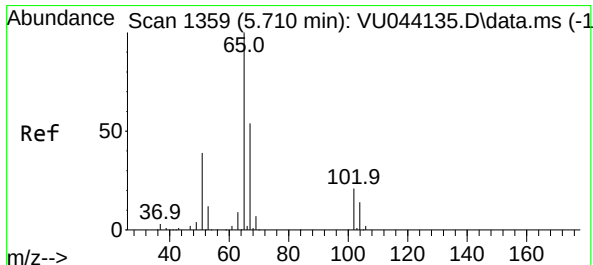
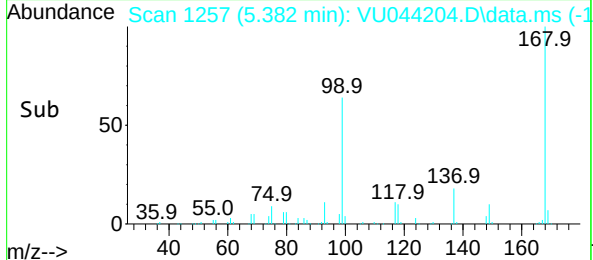
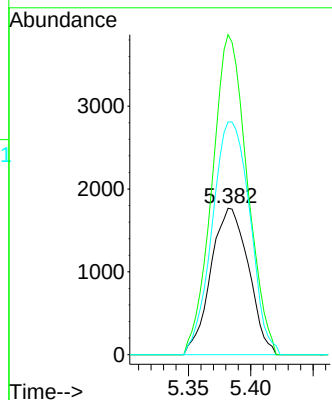
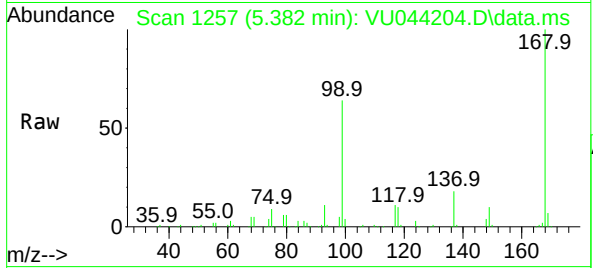




#31
Cyclohexane
Concen: 0.948 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.013 min
Lab File: VU044204.D
Acq: 15 Jun 2021 00:50

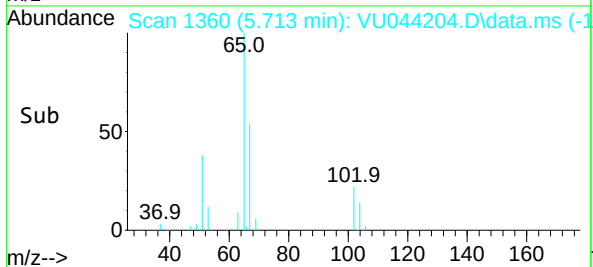
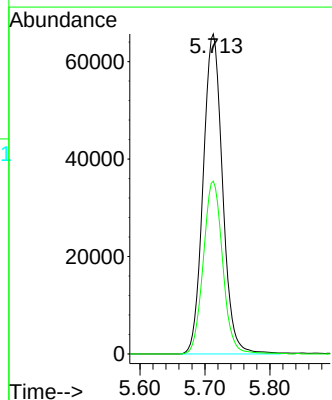
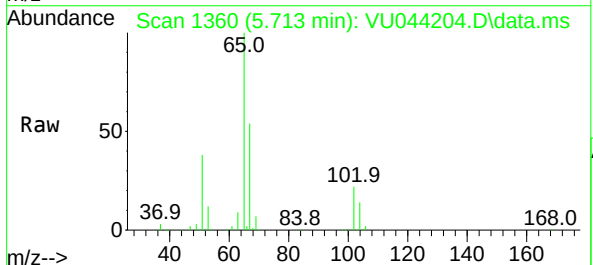
Instrument :
MSVOA_U
ClientSampled :

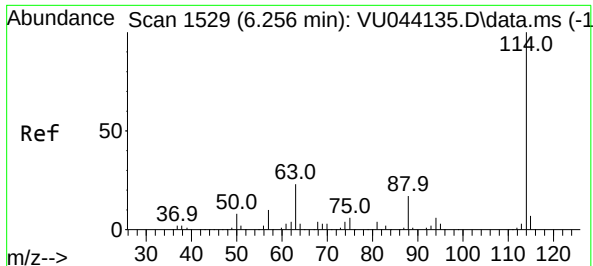
Tgt Ion: 56 Resp: 3718
Ion Ratio Lower Upper
56 100
69 218.5 25.5 38.3#
84 158.8 66.3 99.5#



#33
1,2-Dichloroethane-d4
Concen: 49.168 ug/l
RT: 5.713 min Scan# 1360
Delta R.T. 0.003 min
Lab File: VU044204.D
Acq: 15 Jun 2021 00:50

Tgt Ion: 65 Resp: 136671
Ion Ratio Lower Upper
65 100
67 53.8 0.0 106.6

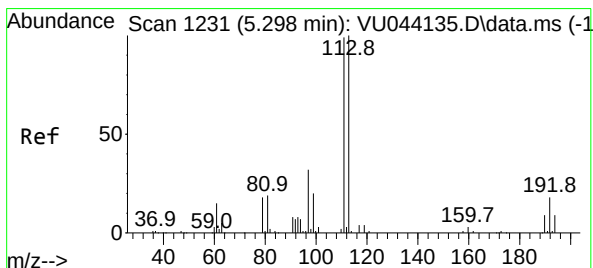
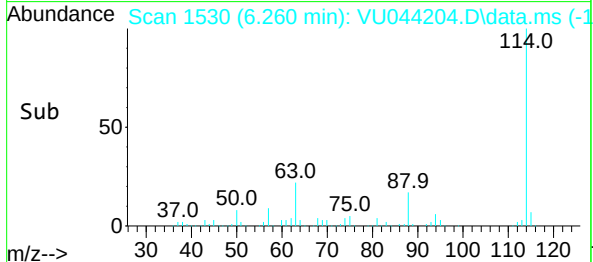
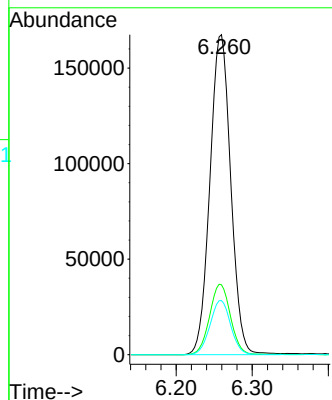
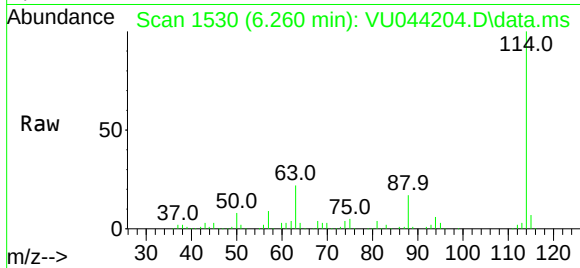




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.260 min Scan# 1530
Delta R.T. 0.003 min
Lab File: VU044204.D
Acq: 15 Jun 2021 00:50

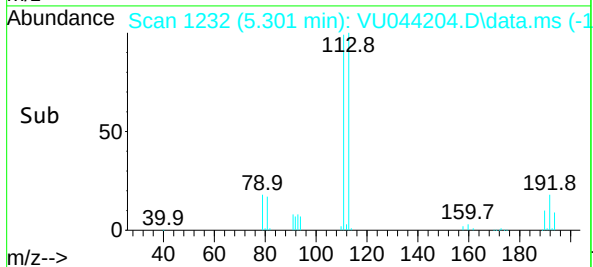
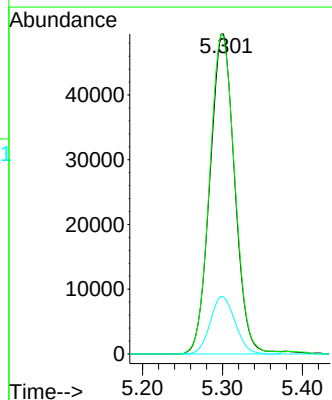
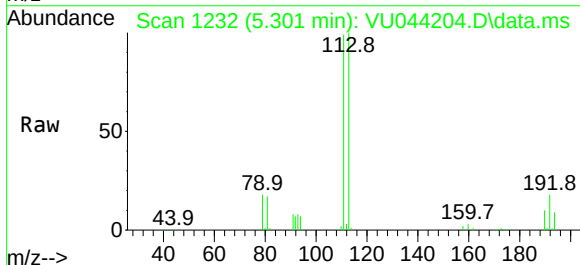
Instrument :
MSVOA_U
ClientSampled :

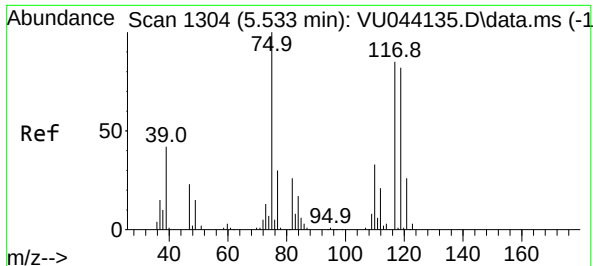
Tgt Ion:114 Resp: 318299
Ion Ratio Lower Upper
114 100
63 21.9 0.0 45.8
88 16.9 0.0 34.0



#35
Dibromofluoromethane
Concen: 47.830 ug/l
RT: 5.301 min Scan# 1232
Delta R.T. 0.003 min
Lab File: VU044204.D
Acq: 15 Jun 2021 00:50

Tgt Ion:113 Resp: 105904
Ion Ratio Lower Upper
113 100
111 101.9 81.0 121.4
192 18.1 14.3 21.5



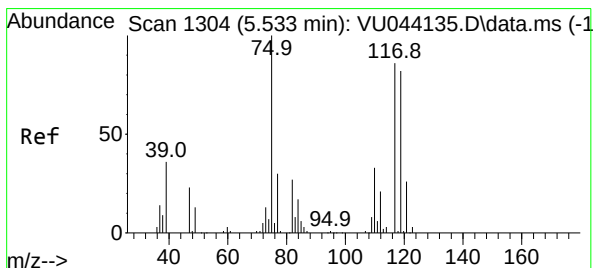
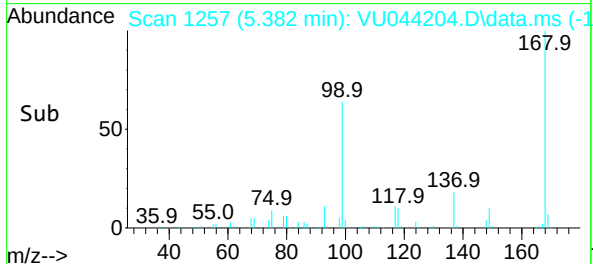
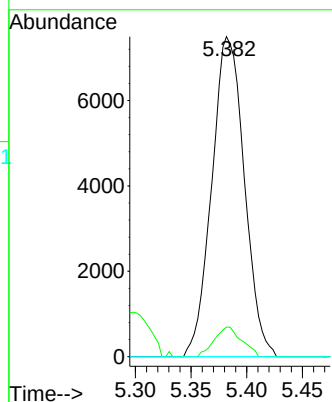
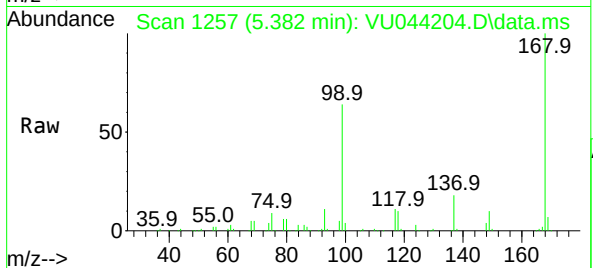


#36

1,1-Dichloropropene
Concen: 4.302 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU044204.D
Acq: 15 Jun 2021 00:50

Instrument :
MSVOA_U
ClientSampled :

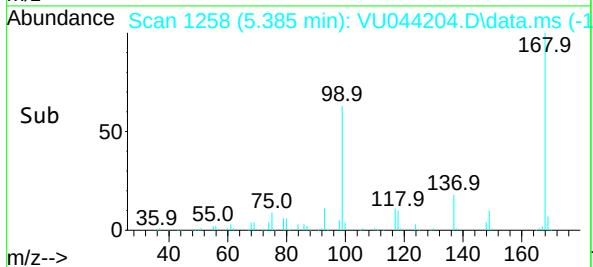
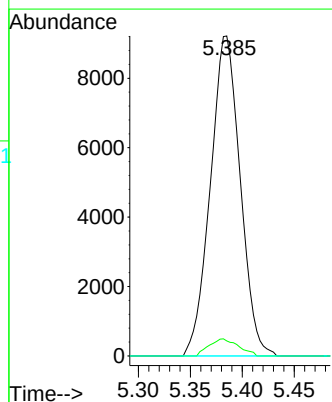
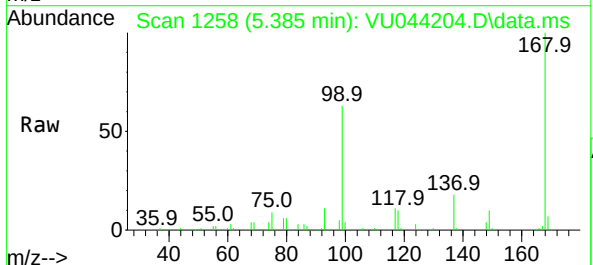
Tgt Ion: 75 Resp: 15235
Ion Ratio Lower Upper
75 100
110 7.8 16.4 49.4#
77 0.0 24.7 37.1#

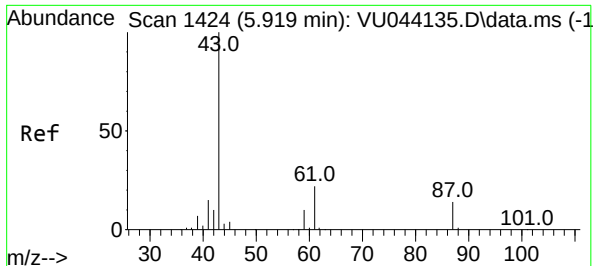


#38

Carbon Tetrachloride
Concen: 5.751 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.148 min
Lab File: VU044204.D
Acq: 15 Jun 2021 00:50

Tgt Ion: 117 Resp: 18387
Ion Ratio Lower Upper
117 100
119 4.7 76.6 114.8#
121 0.0 24.6 36.8#



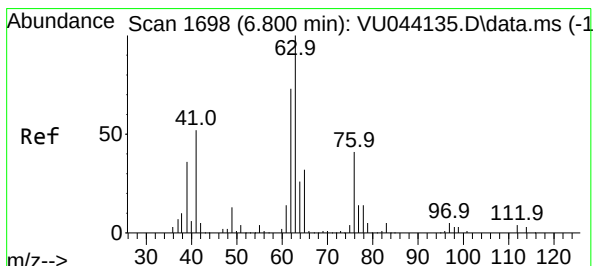
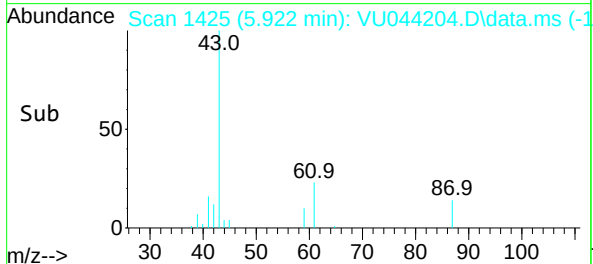
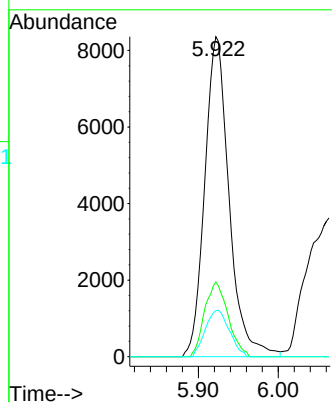
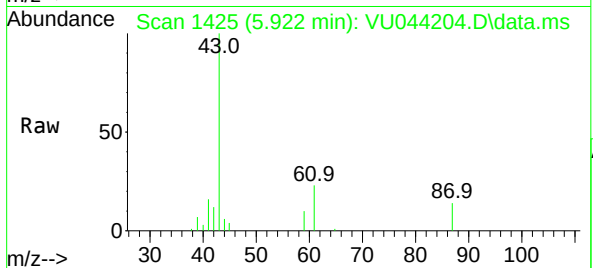


#43

Isopropyl Acetate
Concen: 2.941 ug/l
RT: 5.922 min Scan# 1425
Delta R.T. 0.003 min
Lab File: VU044204.D
Acq: 15 Jun 2021 00:50

Instrument :
MSVOA_U
ClientSampled :

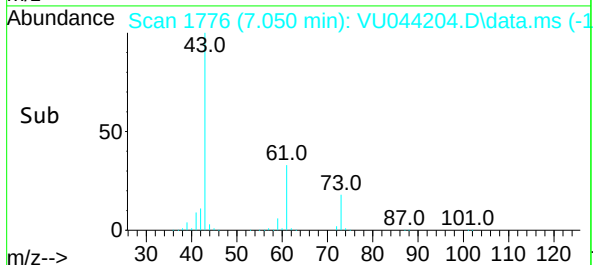
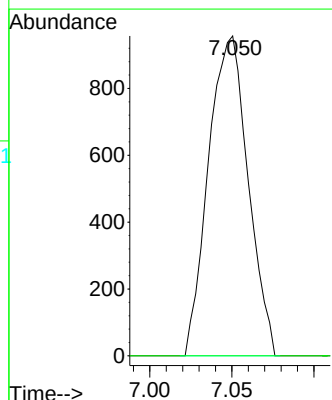
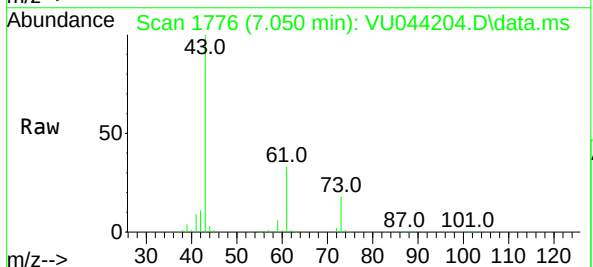
Tgt Ion: 43 Resp: 17693
Ion Ratio Lower Upper
43 100
61 22.4 17.8 26.8
87 14.2 11.1 16.7

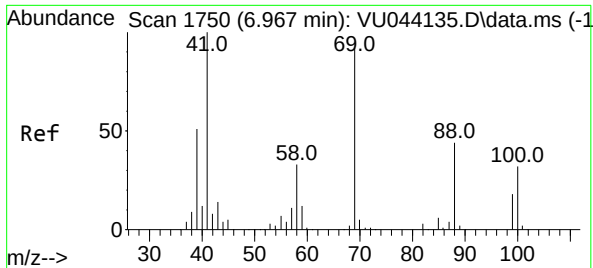


#45

1,2-Dichloropropane
Concen: 0.564 ug/l
RT: 7.050 min Scan# 1776
Delta R.T. 0.250 min
Lab File: VU044204.D
Acq: 15 Jun 2021 00:50

Tgt Ion: 63 Resp: 1608
Ion Ratio Lower Upper
63 100
65 0.0 25.7 38.5#

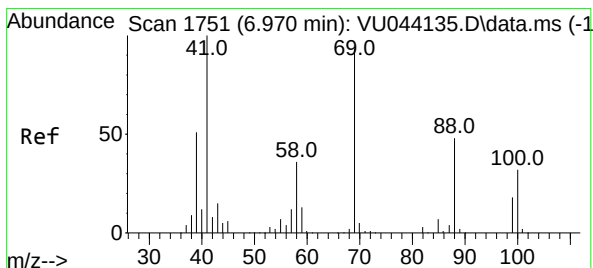
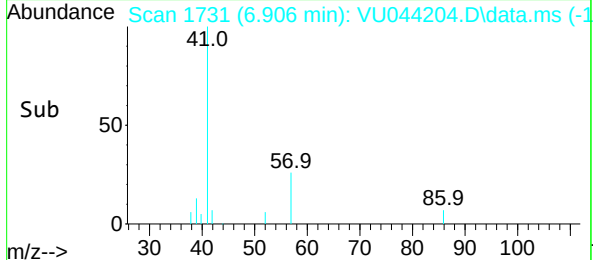
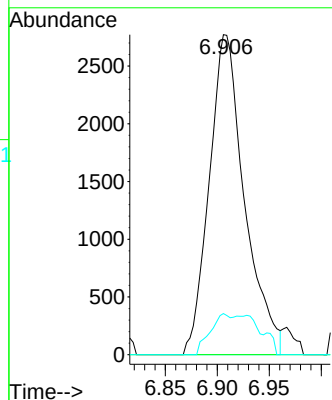
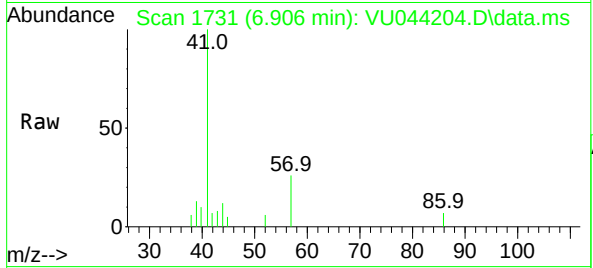




#48
Methyl methacrylate
Concen: 2.239 ug/l
RT: 6.906 min Scan# 1731
Delta R.T. -0.061 min
Lab File: VU044204.D
Acq: 15 Jun 2021 00:50

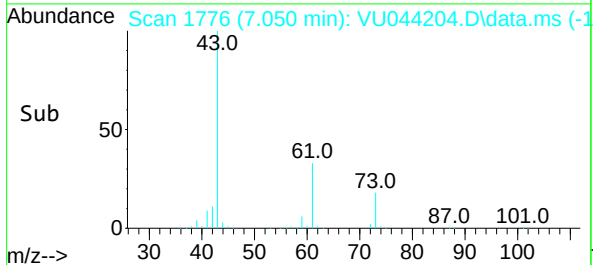
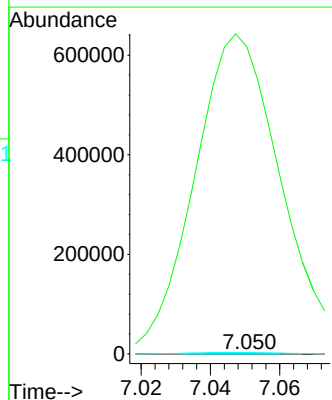
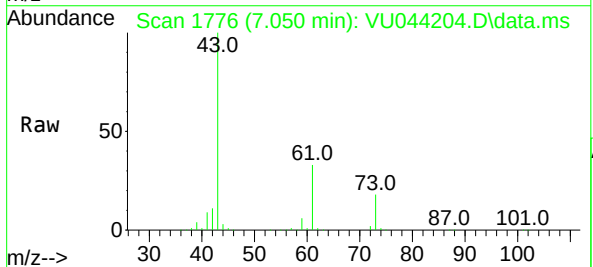
Instrument :
MSVOA_U
ClientSampled :

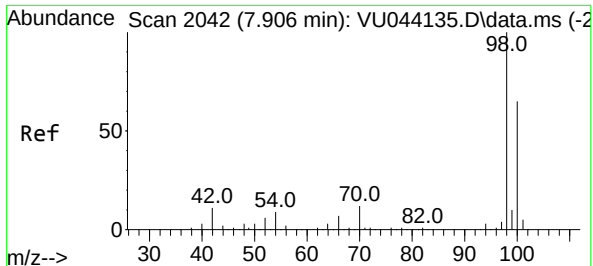
Tgt Ion: 41 Resp: 6556
Ion Ratio Lower Upper
41 100
69 0.0 74.0 111.0#
39 0.0 41.5 62.3#



#49
1,4-Dioxane
Concen: 1.789 ug/l
RT: 7.050 min Scan# 1776
Delta R.T. 0.080 min
Lab File: VU044204.D
Acq: 15 Jun 2021 00:50

Tgt Ion: 88 Resp: 137
Ion Ratio Lower Upper
88 100
43 843640.1 23.4 35.0#
58 4456.2 58.1 87.1#





#50

Toluene-d8

Concen: 48.747 ug/l

RT: 7.906 min Scan# 2042

Delta R.T. -0.000 min

Lab File: VU044204.D

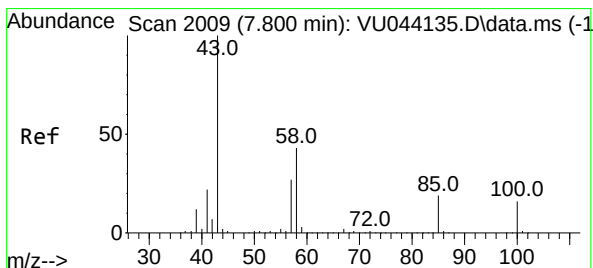
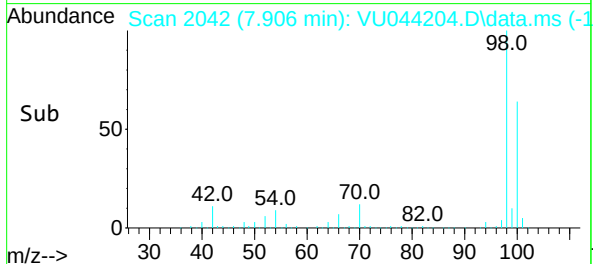
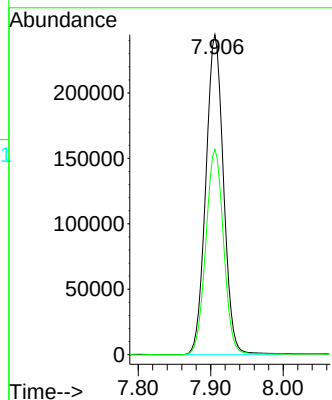
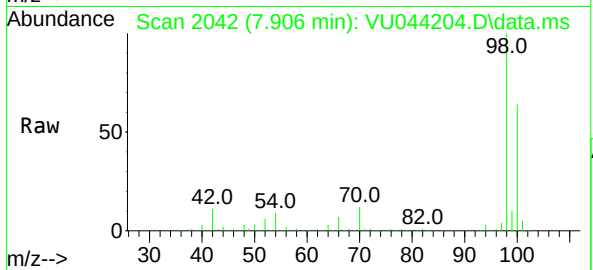
Acq: 15 Jun 2021 00:50

Tgt Ion: 98 Resp: 414519

Ion Ratio Lower Upper

98 100

100 64.9 52.2 78.4



#51

4-Methyl-2-Pentanone

Concen: 1.207 ug/l

RT: 7.796 min Scan# 2008

Delta R.T. -0.004 min

Lab File: VU044204.D

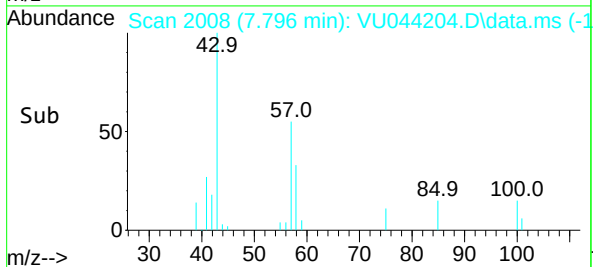
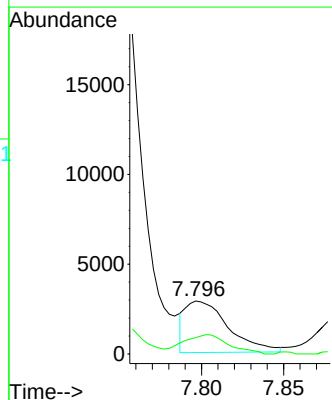
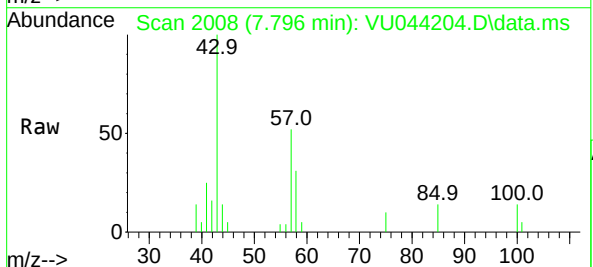
Acq: 15 Jun 2021 00:50

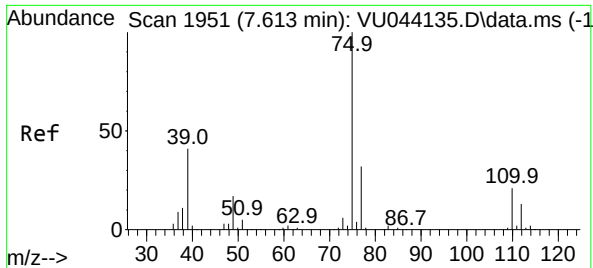
Tgt Ion: 43 Resp: 5258

Ion Ratio Lower Upper

43 100

58 39.4 34.5 51.7

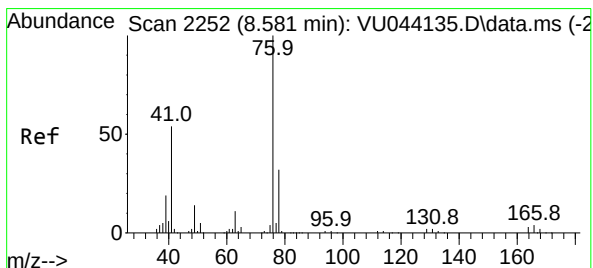
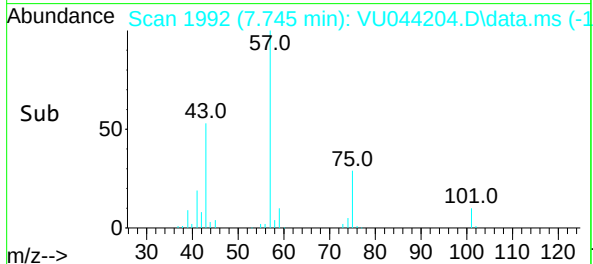
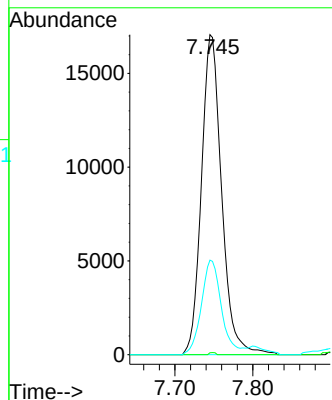
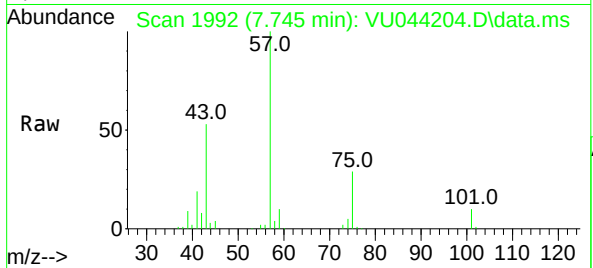




#54
cis-1,3-Dichloropropene
Concen: 7.195 ug/l
RT: 7.745 min Scan# 1992
Delta R.T. 0.132 min
Lab File: VU044204.D
Acq: 15 Jun 2021 00:50

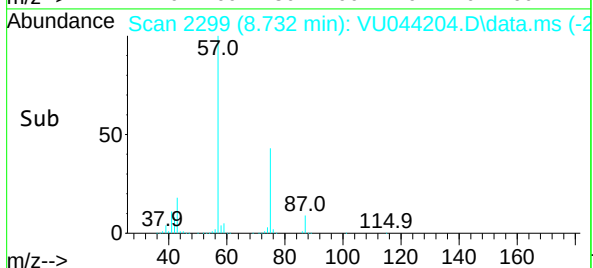
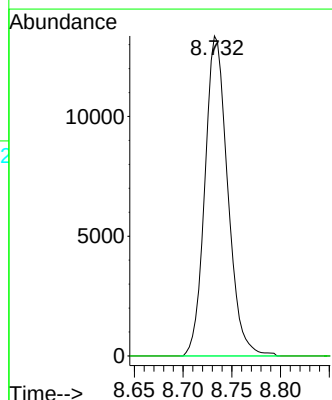
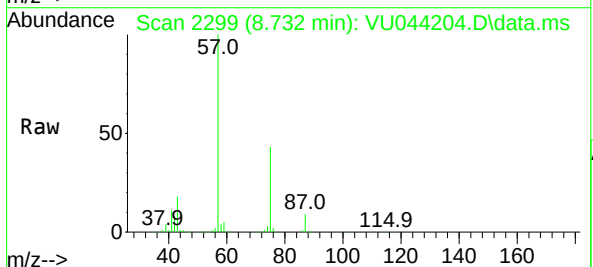
Instrument :
MSVOA_U
ClientSampled :

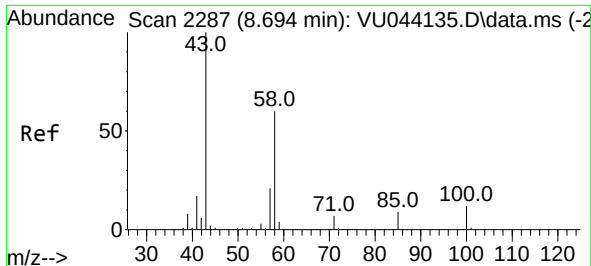
Tgt Ion: 75 Resp: 30707
Ion Ratio Lower Upper
75 100
77 0.6 25.9 38.9#
39 29.6 33.2 49.8#



#57
1,3-Dichloropropane
Concen: 4.705 ug/l
RT: 8.732 min Scan# 2299
Delta R.T. 0.151 min
Lab File: VU044204.D
Acq: 15 Jun 2021 00:50

Tgt Ion: 76 Resp: 21810
Ion Ratio Lower Upper
76 100
78 0.0 25.9 38.9#

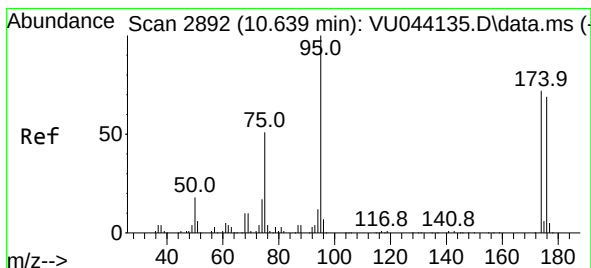
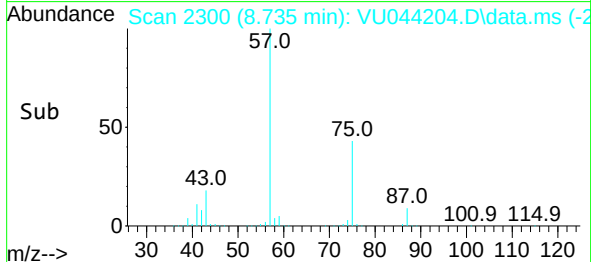
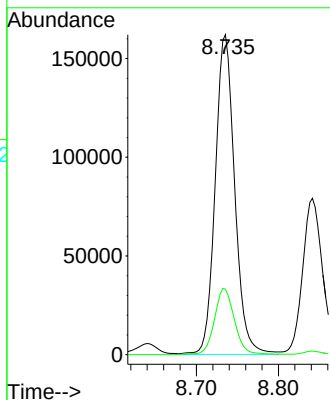
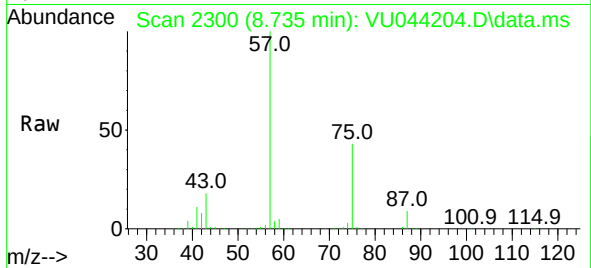




#59
2-Hexanone
Concen: 76.919 ug/l
RT: 8.735 min Scan# 2300
Delta R.T. 0.041 min
Lab File: VU044204.D
Acq: 15 Jun 2021 00:50

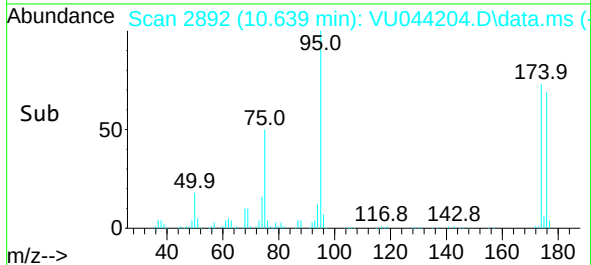
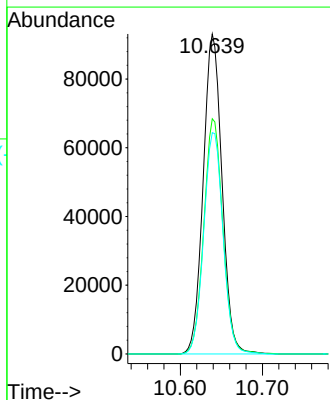
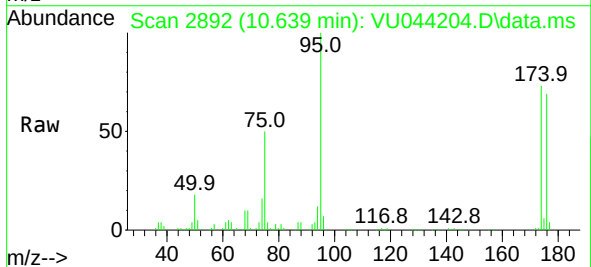
Instrument :
MSVOA_U
ClientSampleId :

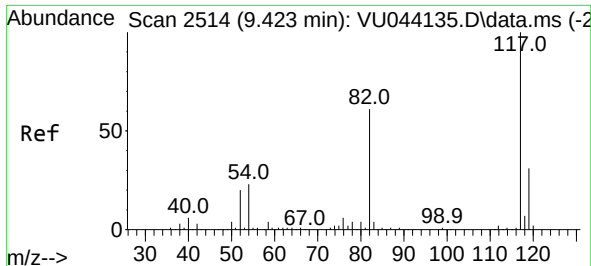
Tgt Ion: 43 Resp: 267318
Ion Ratio Lower Upper
43 100
58 21.4 30.0 90.1#



#62
4-Bromofluorobenzene
Concen: 43.476 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU044204.D
Acq: 15 Jun 2021 00:50

Tgt Ion: 95 Resp: 148157
Ion Ratio Lower Upper
95 100
174 74.4 0.0 144.4
176 71.1 0.0 138.0

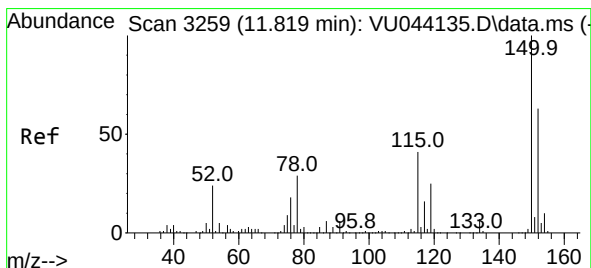
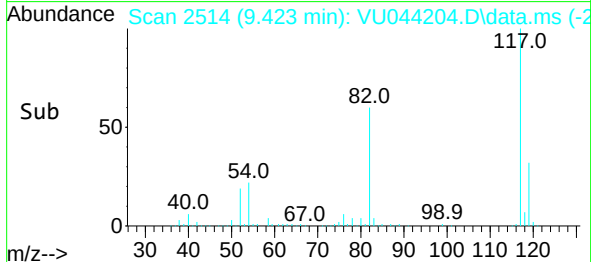
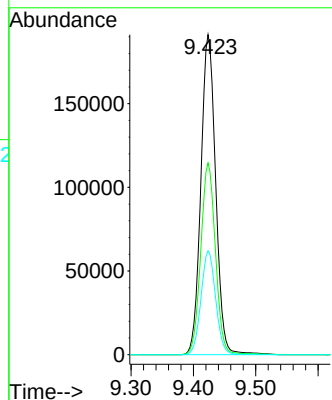
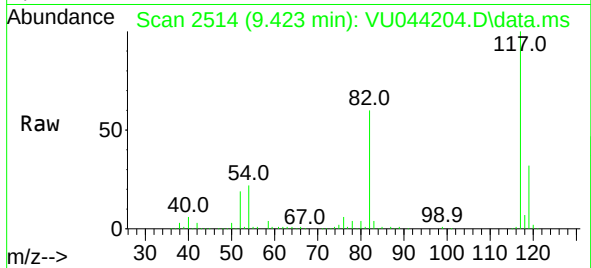




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. -0.000 min
Lab File: VU044204.D
Acq: 15 Jun 2021 00:50

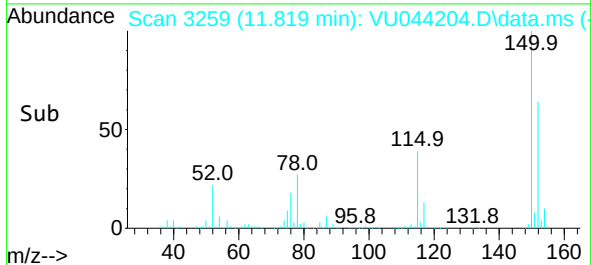
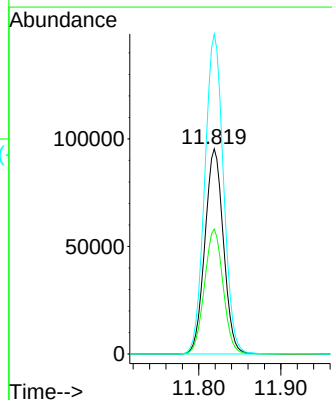
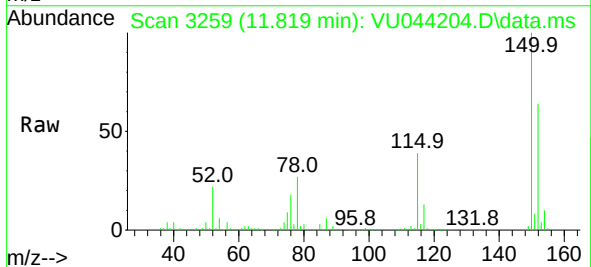
Instrument :
MSVOA_U
ClientSampleId :

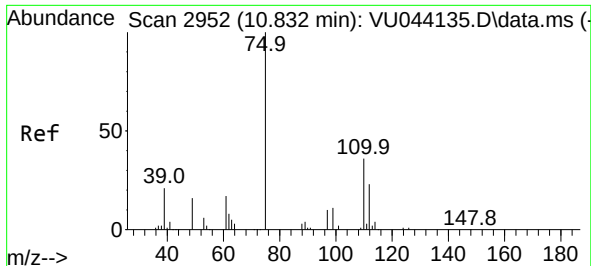
Tgt Ion:117 Resp: 315924
Ion Ratio Lower Upper
117 100
82 59.9 48.8 73.2
119 32.5 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU044204.D
Acq: 15 Jun 2021 00:50

Tgt Ion:152 Resp: 149863
Ion Ratio Lower Upper
152 100
115 61.1 43.8 131.3
150 157.1 0.0 350.6

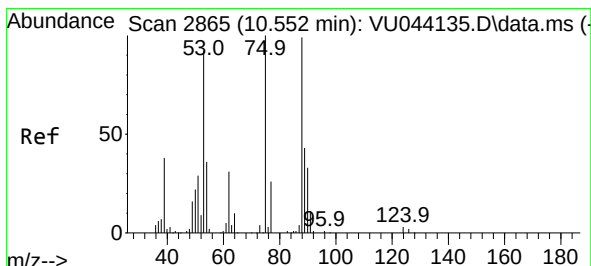
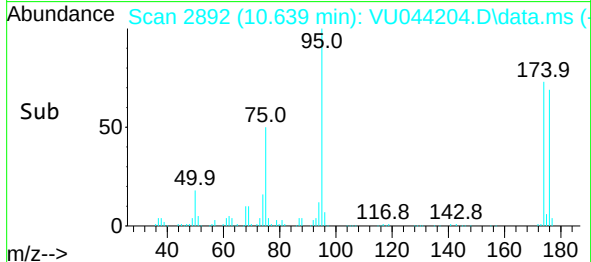
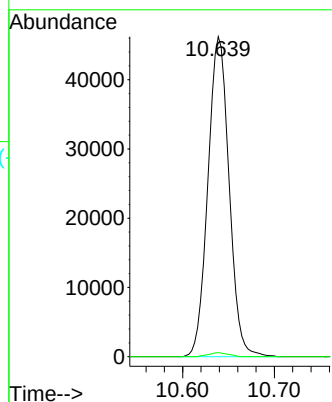
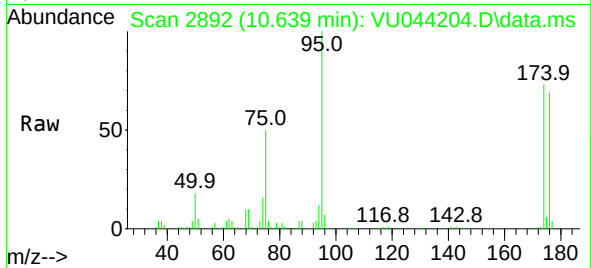




#76
1,2,3-Trichloropropane
Concen: 14.768 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.193 min
Lab File: VU044204.D
Acq: 15 Jun 2021 00:50

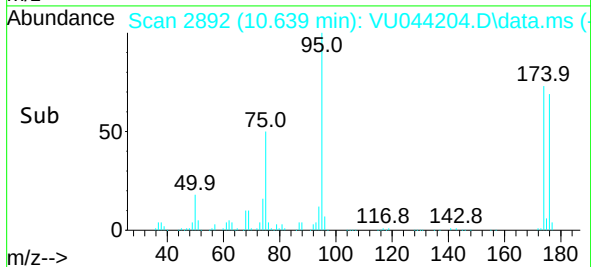
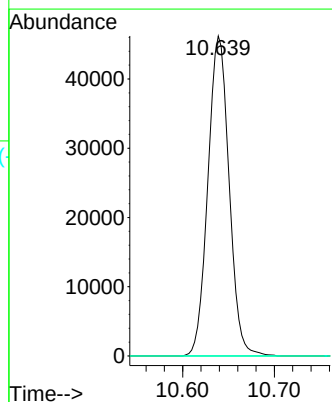
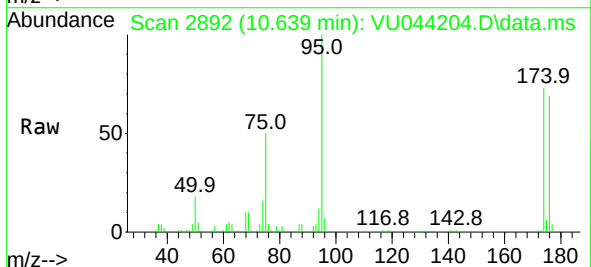
Instrument :
MSVOA_U
ClientSampleId :

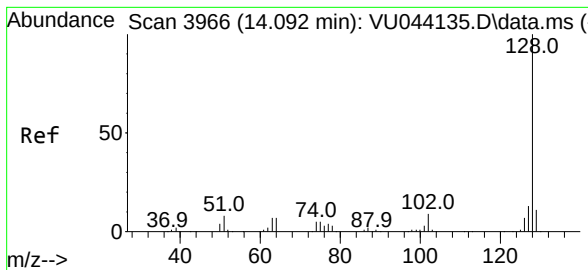
Tgt Ion: 75 Resp: 74205
Ion Ratio Lower Upper
75 100
77 1.2 14.9 44.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 53.535 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.087 min
Lab File: VU044204.D
Acq: 15 Jun 2021 00:50

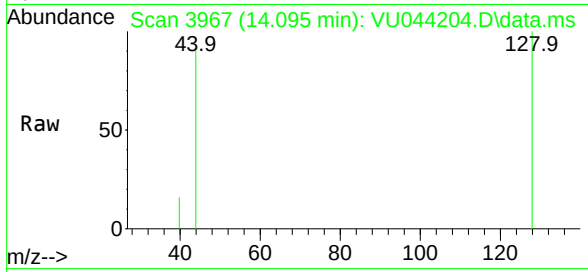
Tgt Ion: 75 Resp: 74205
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.2#
89 0.0 35.0 52.6#





#95
Naphthalene
Concen: 2.940 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU044204.D
Acq: 15 Jun 2021 00:50

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 1168
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

