

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061421\
 Data File : VU044190.D
 Acq On : 14 Jun 2021 18:38
 Operator : SY/MD
 Sample : M2672-34
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 15 02:48:47 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)

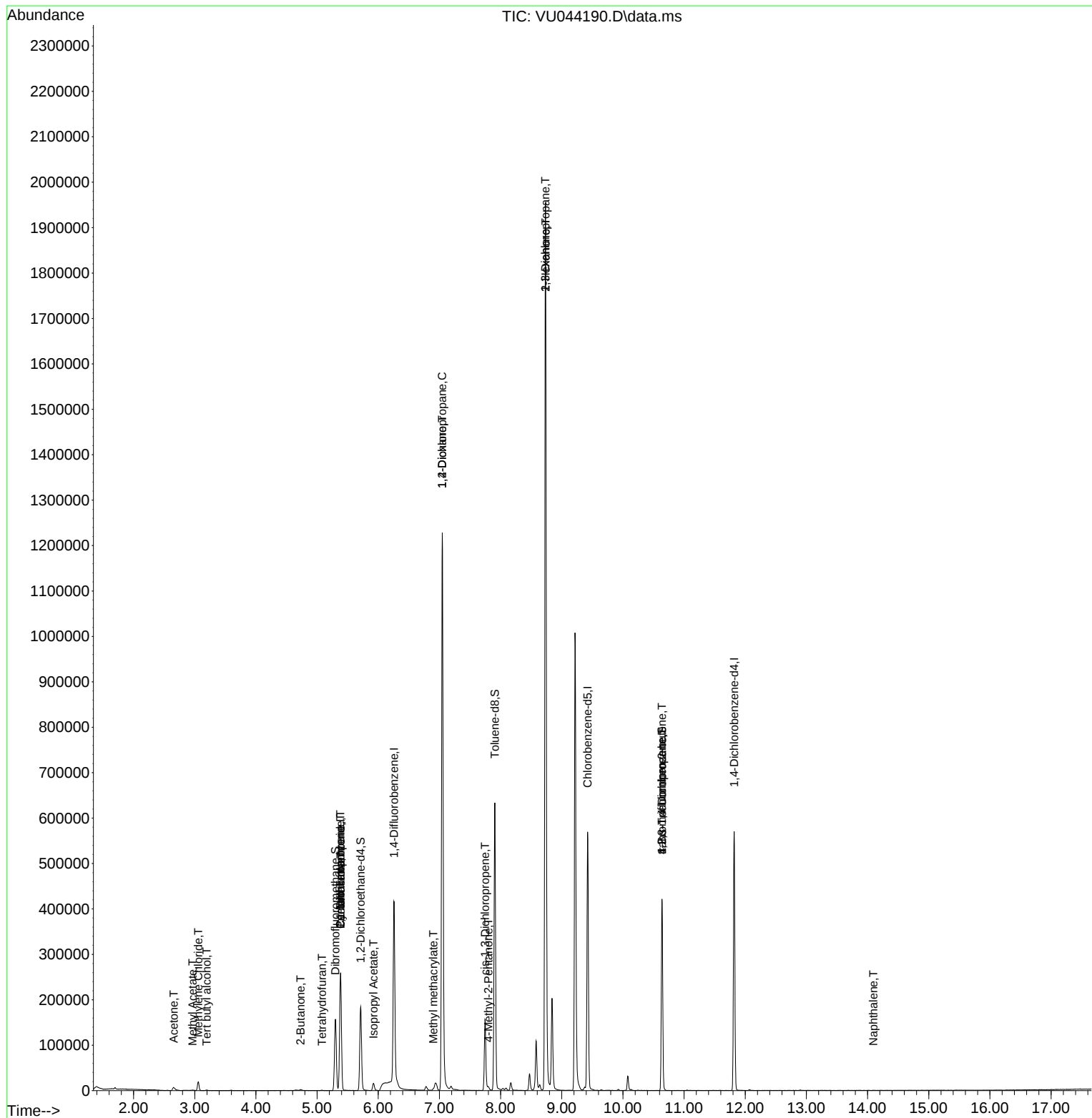
Internal Standards						
1) Pentafluorobenzene	5.385	168	169401	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.259	114	309860	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	307827	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	143381	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	136400	50.633	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.260%	
35) Dibromofluoromethane	5.298	113	103591	48.060	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.120%	
50) Toluene-d8	7.906	98	408202	49.312	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.620%	
62) 4-Bromofluorobenzene	10.639	95	143113	43.140	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.280%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	234	Below Cal	#	60
6) Chloroethane	1.925	64	132	Below Cal	#	42
11) Tert butyl alcohol	3.195	59	831	1.147	ug/l #	73
16) Acetone	2.655	43	13585	7.691	ug/l	94
18) Methyl Acetate	2.967	43	1501	0.433	ug/l #	59
20) Methylene Chloride	3.057	84	9261	2.680	ug/l	96
25) 2-Butanone	4.729	43	4115	1.830	ug/l	96
29) Tetrahydrofuran	5.083	42	641	0.524	ug/l #	50
31) Cyclohexane	5.385	56	4013	1.056	ug/l #	1
36) 1,1-Dichloropropene	5.382	75	15299	4.438	ug/l #	50
38) Carbon Tetrachloride	5.382	117	18096	5.814	ug/l #	17
43) Isopropyl Acetate	5.922	43	17829	3.044	ug/l	96
45) 1,2-Dichloropropane	7.047	63	1546	0.557	ug/l #	43
48) Methyl methacrylate	6.902	41	6356	2.230	ug/l #	11
49) 1,4-Dioxane	7.047	88	79	1.060	ug/l #	1
51) 4-Methyl-2-Pentanone	7.799	43	5029	1.186	ug/l	95
54) cis-1,3-Dichloropropene	7.745	75	29709	7.151	ug/l #	63
57) 1,3-Dichloropropane	8.732	76	20866	4.624	ug/l #	42
59) 2-Hexanone	8.735	43	271893	80.366	ug/l #	49
76) 1,2,3-Trichloropropane	10.639	75	73529	15.295	ug/l #	47
81) trans-1,4-Dichloro-2-b...	10.639	75	73529	55.445	ug/l #	13
95) Naphthalene	14.095	128	41	2.840	ug/l #	69

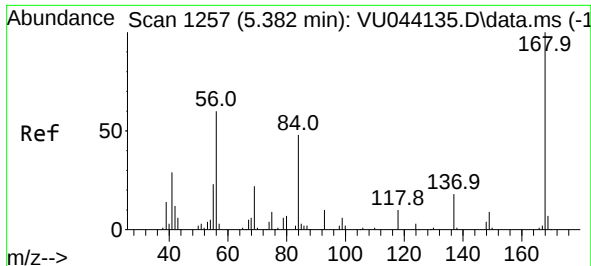
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jun 10 05:11:37 2021
Response via : Initial Calibration

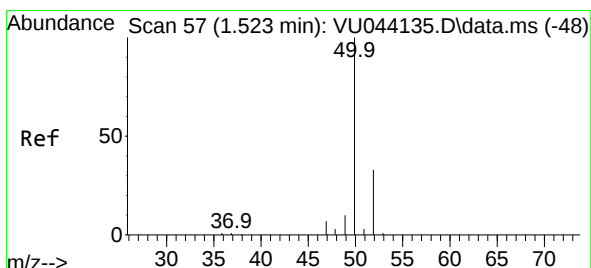
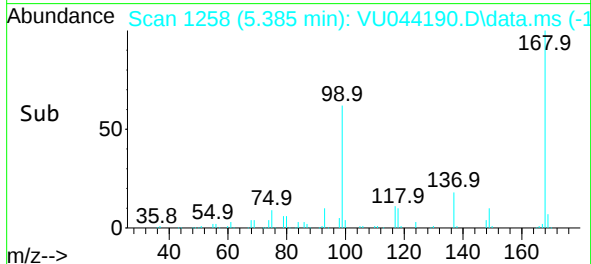
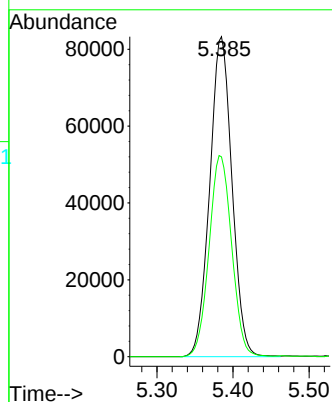
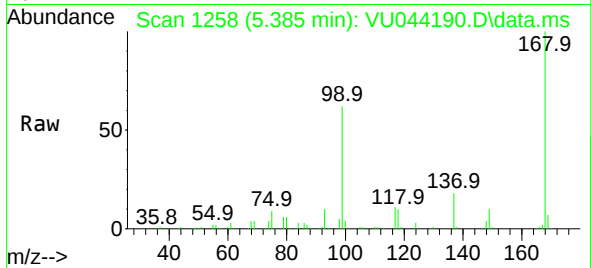




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. 0.003 min
Lab File: VU044190.D
Acq: 14 Jun 2021 18:38

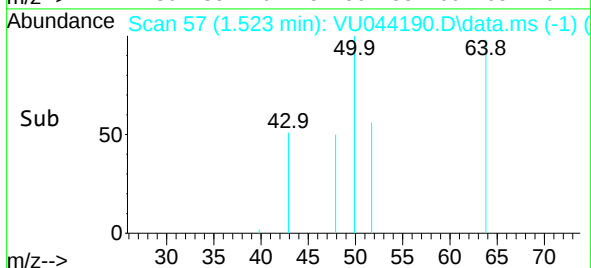
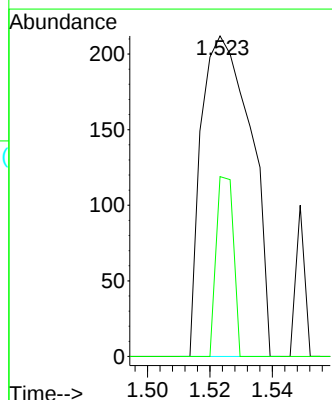
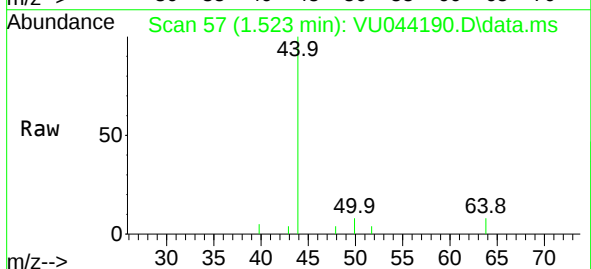
Instrument :
MSVOA_U
ClientSampled :

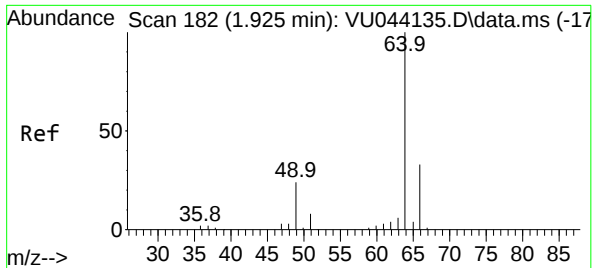
Tgt Ion:168 Resp: 169401
Ion Ratio Lower Upper
168 100
99 62.5 51.3 76.9



#3
Chloromethane
Concen: Below Cal
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU044190.D
Acq: 14 Jun 2021 18:38

Tgt Ion: 50 Resp: 234
Ion Ratio Lower Upper
50 100
52 56.1 26.6 39.8#

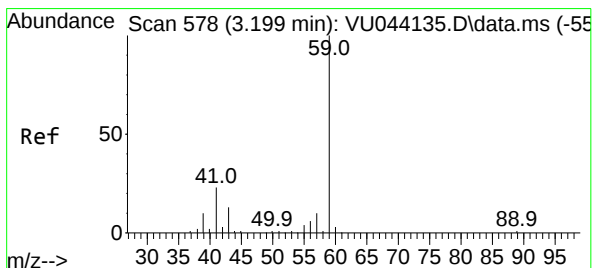
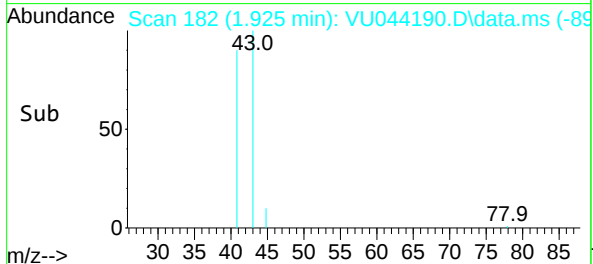
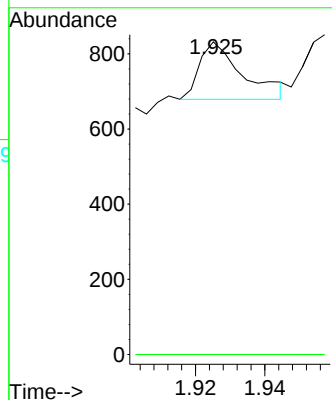
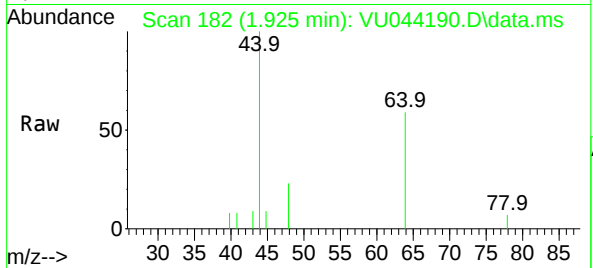




#6
Chloroethane
Concen: Below Cal
RT: 1.925 min Scan# 182
Delta R.T. 0.000 min
Lab File: VU044190.D
Acq: 14 Jun 2021 18:38

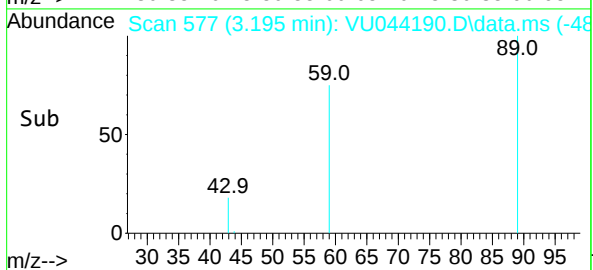
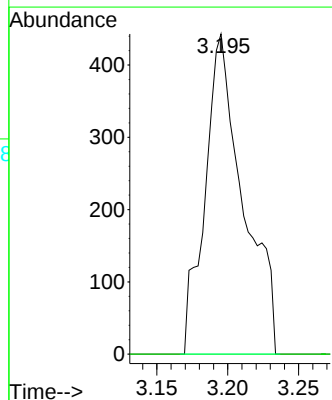
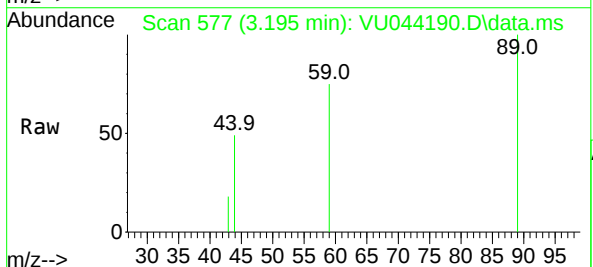
Instrument :
MSVOA_U
ClientSampleId :

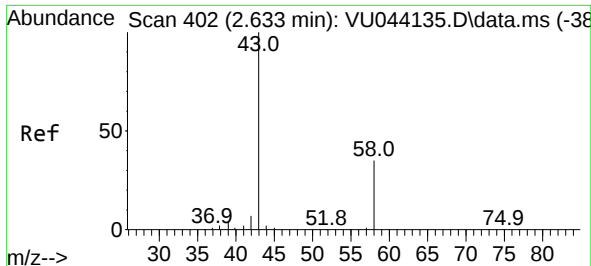
Tgt Ion: 64 Resp: 132
Ion Ratio Lower Upper
64 100
66 0.0 26.1 39.1#



#11
Tert butyl alcohol
Concen: 1.147 ug/l
RT: 3.195 min Scan# 577
Delta R.T. -0.004 min
Lab File: VU044190.D
Acq: 14 Jun 2021 18:38

Tgt Ion: 59 Resp: 831
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

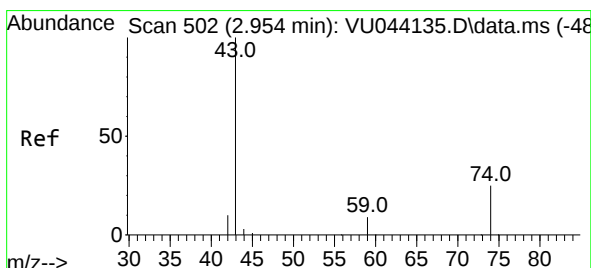
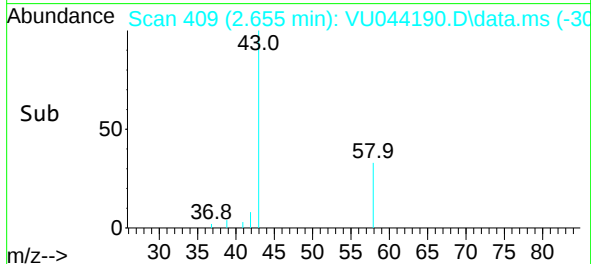
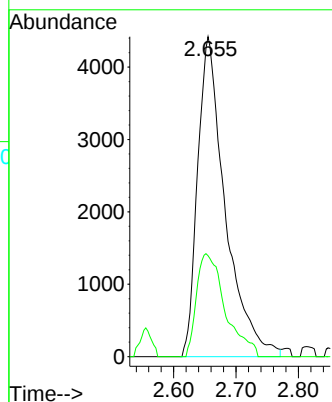
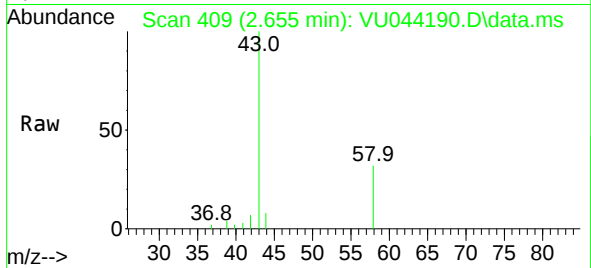




#16
Acetone
Concen: 7.691 ug/l
RT: 2.655 min Scan# 409
Delta R.T. 0.022 min
Lab File: VU044190.D
Acq: 14 Jun 2021 18:38

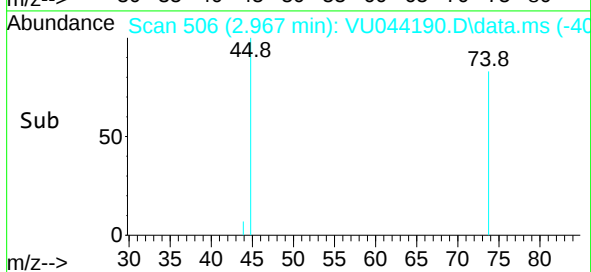
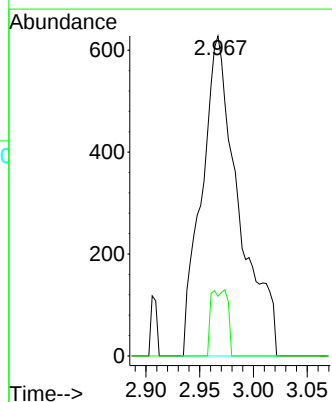
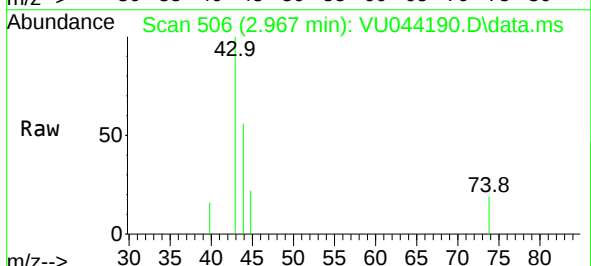
Instrument :
MSVOA_U
ClientSampled :

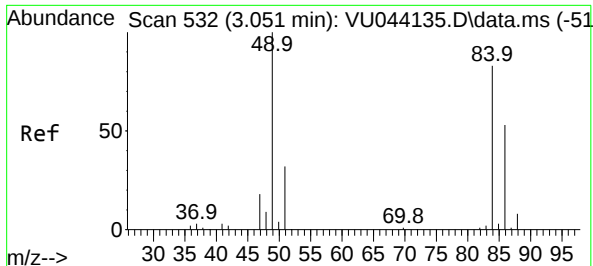
Tgt Ion: 43 Resp: 13585
Ion Ratio Lower Upper
43 100
58 31.6 28.0 42.0



#18
Methyl Acetate
Concen: 0.433 ug/l
RT: 2.967 min Scan# 506
Delta R.T. 0.013 min
Lab File: VU044190.D
Acq: 14 Jun 2021 18:38

Tgt Ion: 43 Resp: 1501
Ion Ratio Lower Upper
43 100
74 4.7 20.3 30.5#





#20

Methylene Chloride

Concen: 2.680 ug/l

RT: 3.057 min Scan# 534

Delta R.T. 0.006 min

Lab File: VU044190.D

Acq: 14 Jun 2021 18:38

Tgt Ion: 84 Resp: 9261

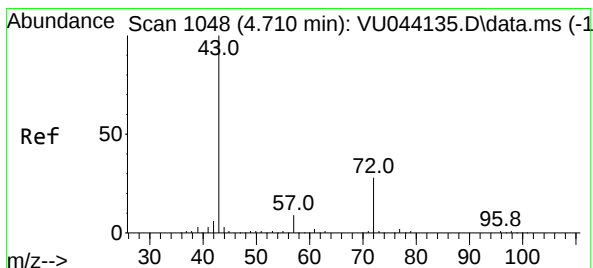
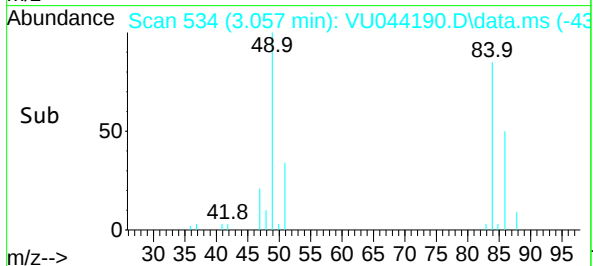
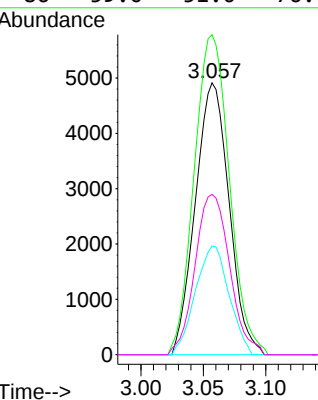
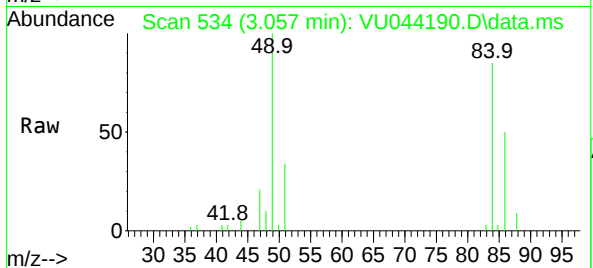
Ion Ratio Lower Upper

84 100

49 117.7 96.9 145.3

51 40.0 31.0 46.6

86 59.0 51.0 76.6



#25

2-Butanone

Concen: 1.830 ug/l

RT: 4.729 min Scan# 1054

Delta R.T. 0.019 min

Lab File: VU044190.D

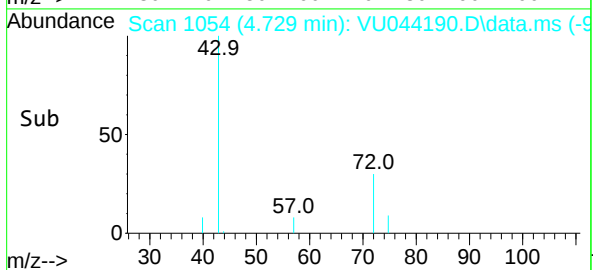
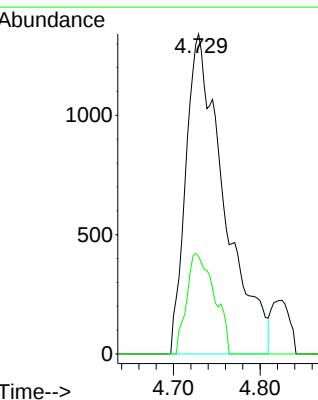
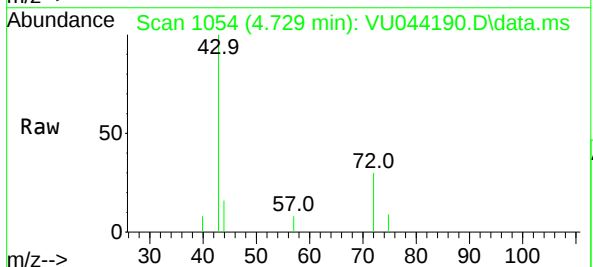
Acq: 14 Jun 2021 18:38

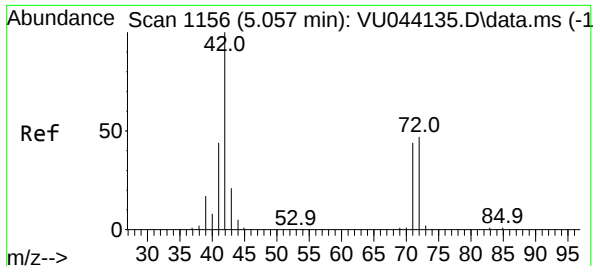
Tgt Ion: 43 Resp: 4115

Ion Ratio Lower Upper

43 100

72 30.5 22.6 33.8





#29

Tetrahydrofuran

Concen: 0.524 ug/l

RT: 5.083 min Scan# 1164

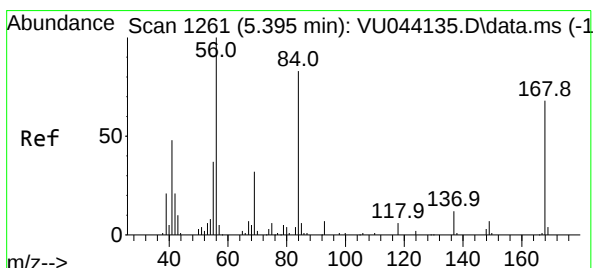
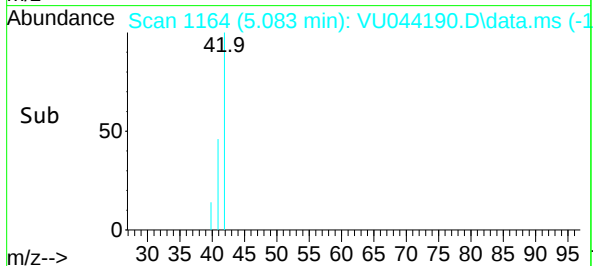
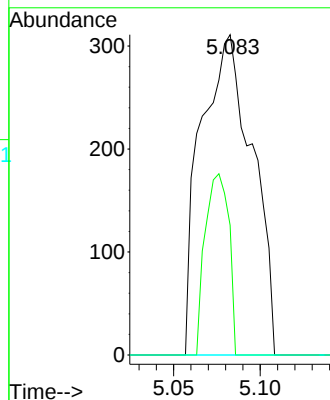
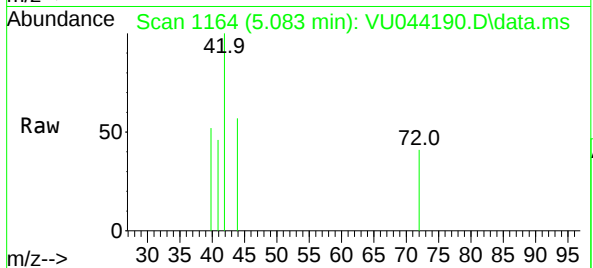
Delta R.T. 0.026 min

Lab File: VU044190.D

Acq: 14 Jun 2021 18:38

Tgt Ion:	42	Resp:	641
Ion	Ratio	Lower	Upper
42	100		
72	26.1	38.6	57.8#
71	0.0	35.5	53.3#

Instrument :
MSVOA_U
ClientSampleId :



#31

Cyclohexane

Concen: 1.056 ug/l

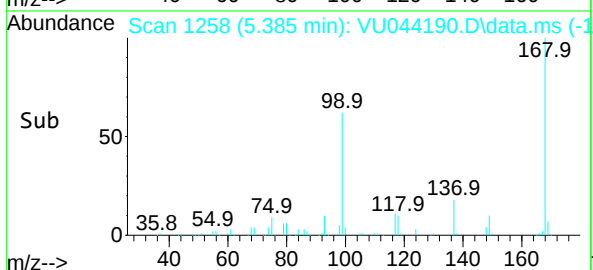
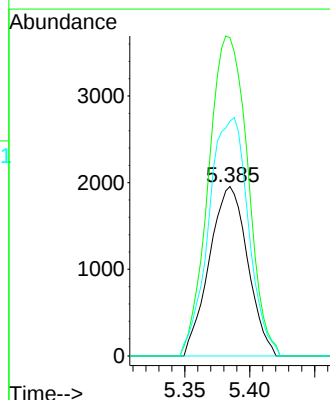
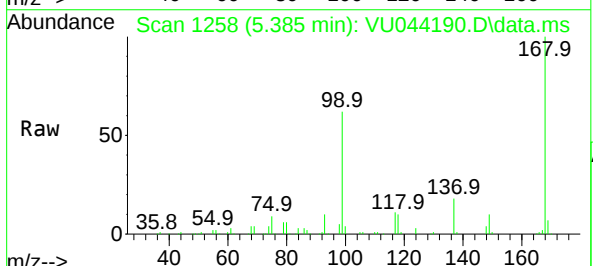
RT: 5.385 min Scan# 1258

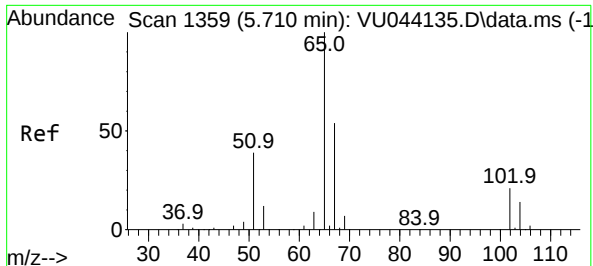
Delta R.T. -0.010 min

Lab File: VU044190.D

Acq: 14 Jun 2021 18:38

Tgt Ion:	56	Resp:	4013
Ion	Ratio	Lower	Upper
56	100		
69	187.9	25.5	38.3#
84	138.5	66.3	99.5#



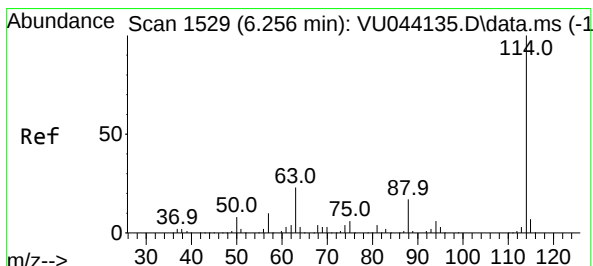
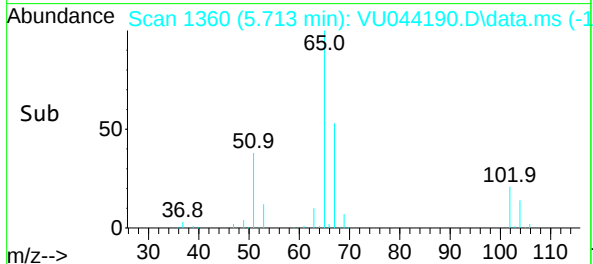
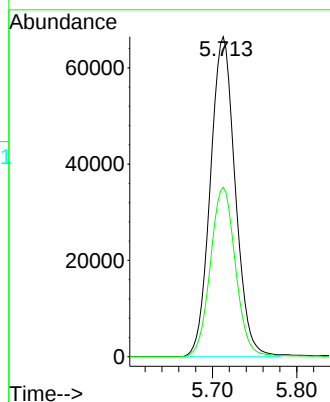
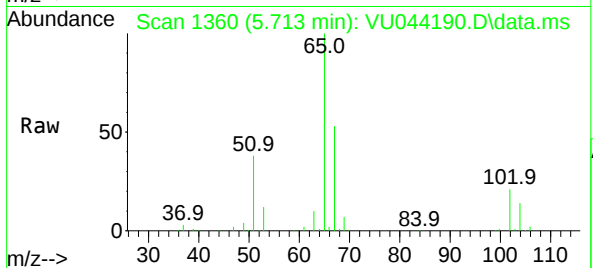


#33

1,2-Dichloroethane-d4
Concen: 50.633 ug/l
RT: 5.713 min Scan# 1360
Delta R.T. 0.003 min
Lab File: VU044190.D
Acq: 14 Jun 2021 18:38

Instrument :
MSVOA_U
ClientSampled :

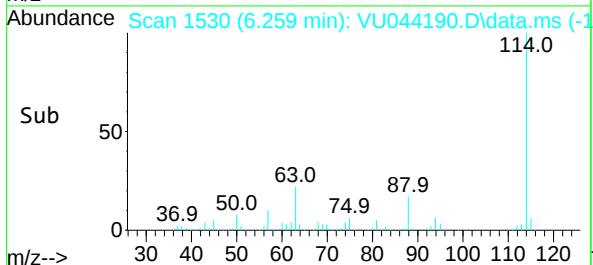
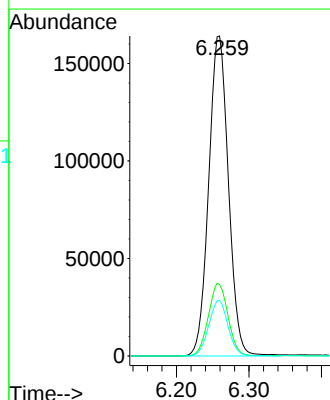
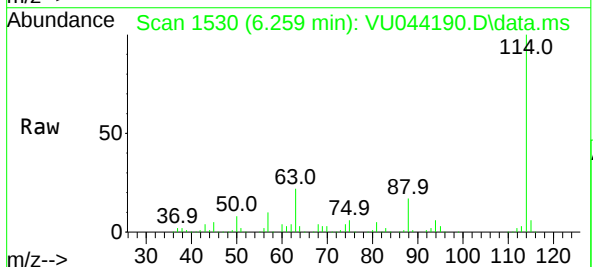
Tgt Ion: 65 Resp: 136400
Ion Ratio Lower Upper
65 100
67 53.6 0.0 106.6

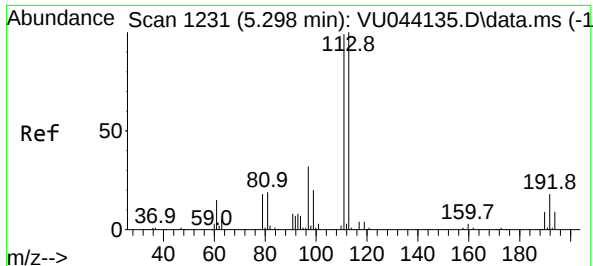


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.259 min Scan# 1530
Delta R.T. 0.003 min
Lab File: VU044190.D
Acq: 14 Jun 2021 18:38

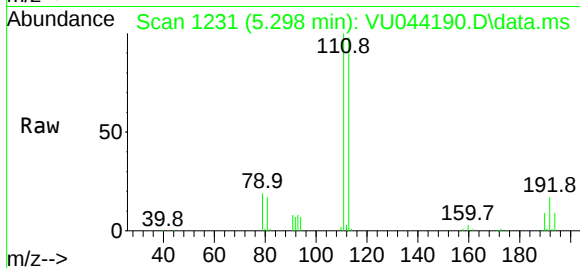
Tgt Ion: 114 Resp: 309860
Ion Ratio Lower Upper
114 100
63 22.4 0.0 45.8
88 17.4 0.0 34.0



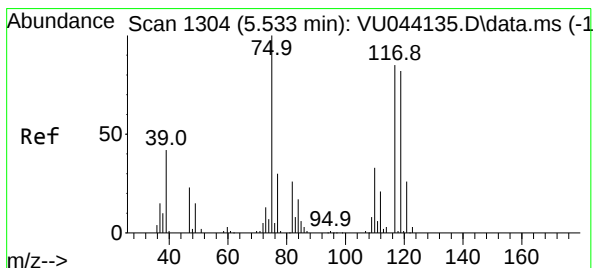
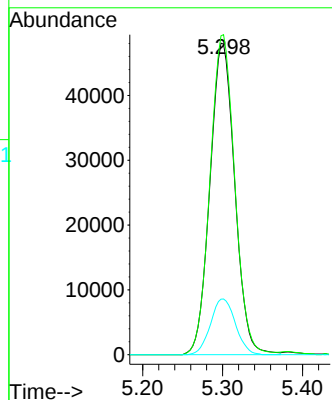
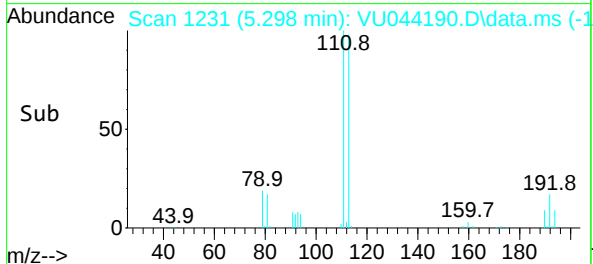


#35
Dibromofluoromethane
Concen: 48.060 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VU044190.D
Acq: 14 Jun 2021 18:38

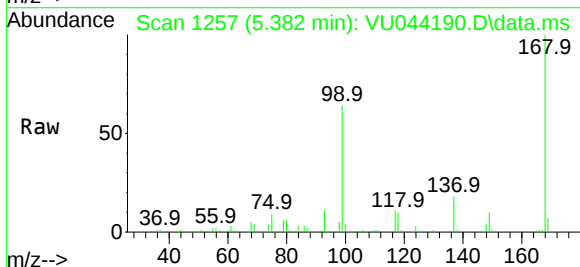
Instrument :
MSVOA_U
ClientSampled :



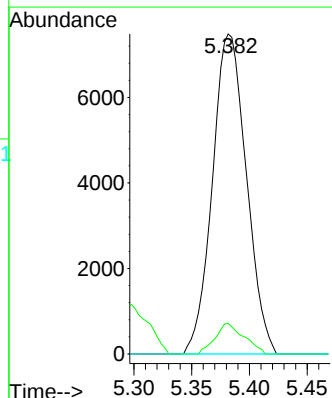
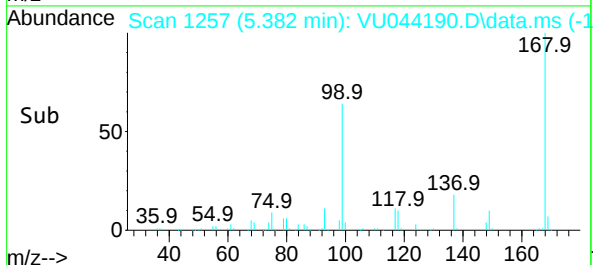
Tgt Ion:113 Resp: 103591
Ion Ratio Lower Upper
113 100
111 102.2 81.0 121.4
192 18.0 14.3 21.5

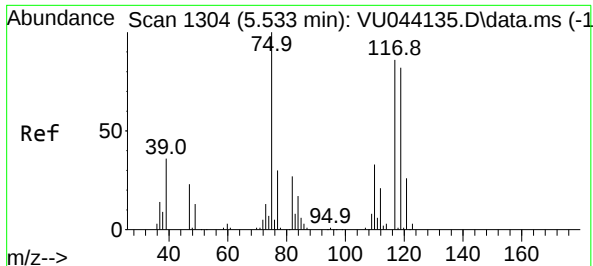


#36
1,1-Dichloropropene
Concen: 4.438 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU044190.D
Acq: 14 Jun 2021 18:38



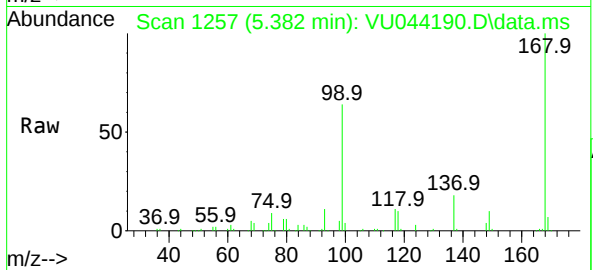
Tgt Ion: 75 Resp: 15299
Ion Ratio Lower Upper
75 100
110 8.1 16.4 49.4#
77 0.0 24.7 37.1#



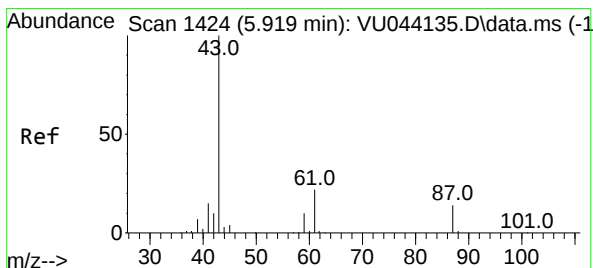
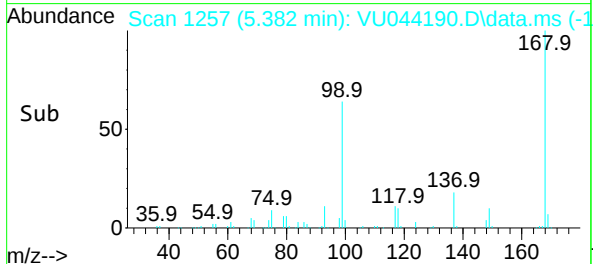
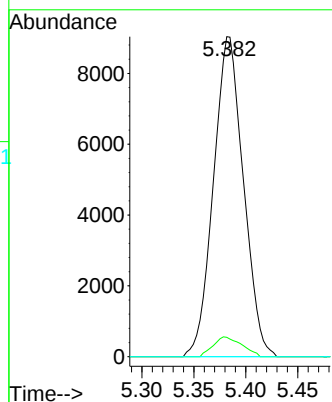


#38
Carbon Tetrachloride
Concen: 5.814 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU044190.D
Acq: 14 Jun 2021 18:38

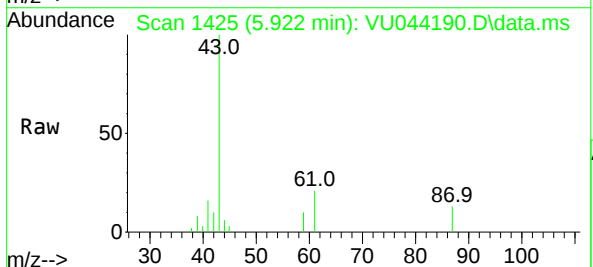
Instrument :
MSVOA_U
ClientSampled :



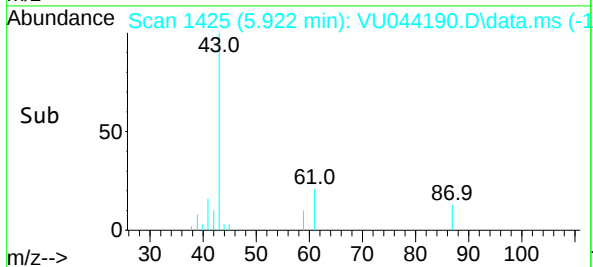
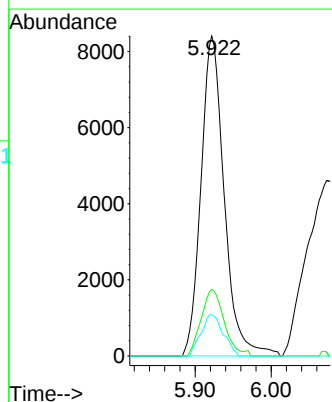
Tgt Ion:117 Resp: 18096
Ion Ratio Lower Upper
117 100
119 6.0 76.6 114.8#
121 0.0 24.6 36.8#

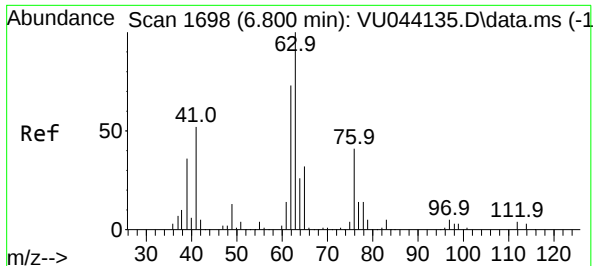


#43
Isopropyl Acetate
Concen: 3.044 ug/l
RT: 5.922 min Scan# 1425
Delta R.T. 0.003 min
Lab File: VU044190.D
Acq: 14 Jun 2021 18:38



Tgt Ion: 43 Resp: 17829
Ion Ratio Lower Upper
43 100
61 20.6 17.8 26.8
87 12.4 11.1 16.7



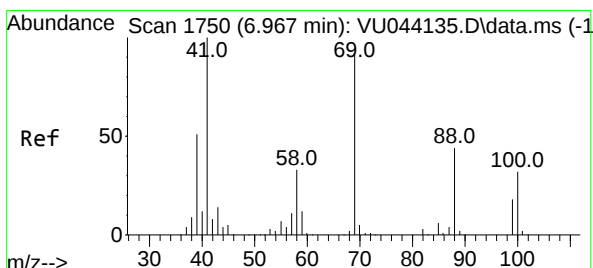
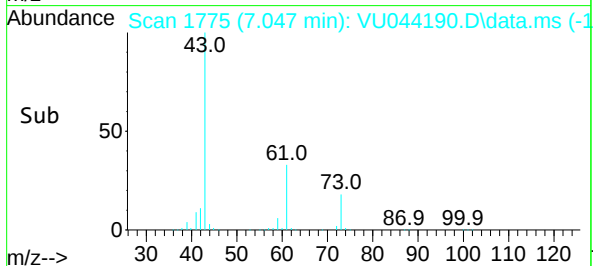
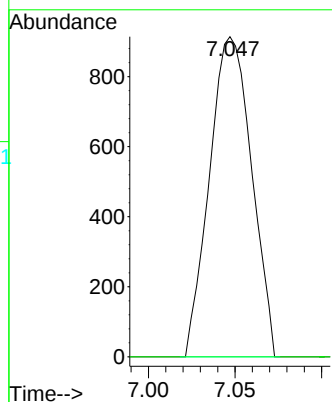
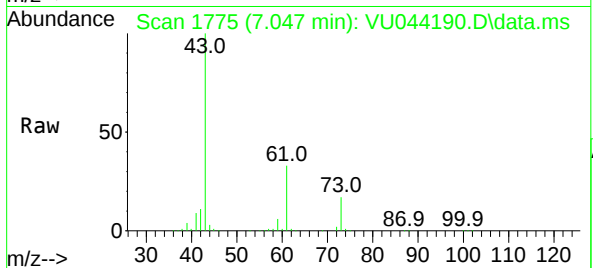


#45

1,2-Dichloropropane
Concen: 0.557 ug/l
RT: 7.047 min Scan# 1775
Delta R.T. 0.247 min
Lab File: VU044190.D
Acq: 14 Jun 2021 18:38

Instrument :
MSVOA_U
ClientSampled :

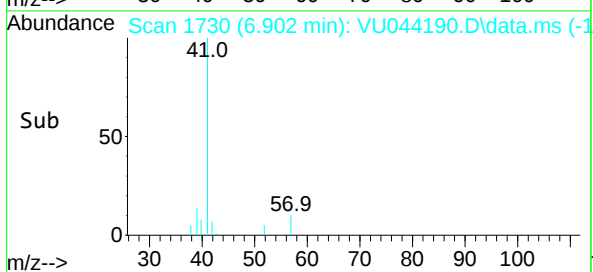
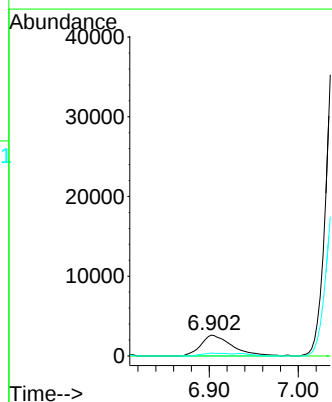
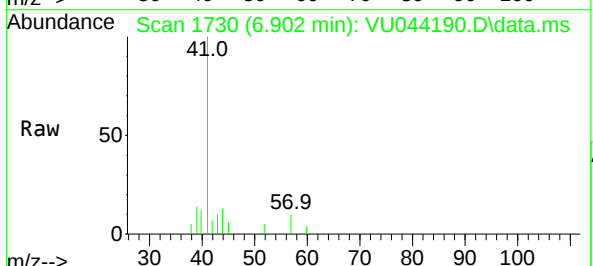
Tgt Ion: 63 Resp: 1546
Ion Ratio Lower Upper
63 100
65 0.0 25.7 38.5#

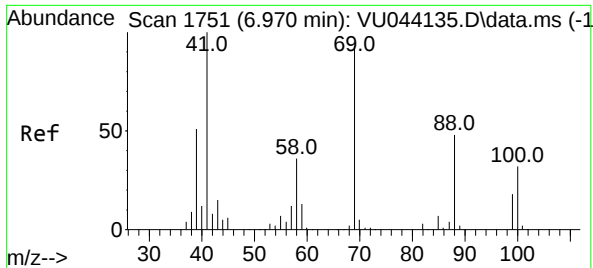


#48

Methyl methacrylate
Concen: 2.230 ug/l
RT: 6.902 min Scan# 1730
Delta R.T. -0.065 min
Lab File: VU044190.D
Acq: 14 Jun 2021 18:38

Tgt Ion: 41 Resp: 6356
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: 1.060 ug/l

RT: 7.047 min Scan# 1775

Delta R.T. 0.077 min

Lab File: VU044190.D

Acq: 14 Jun 2021 18:38

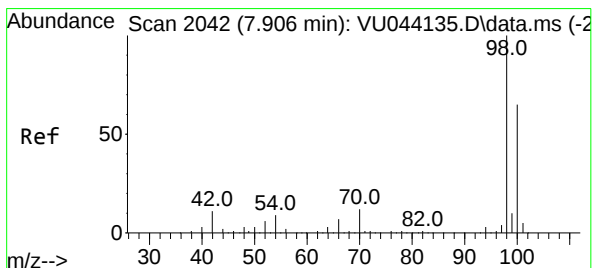
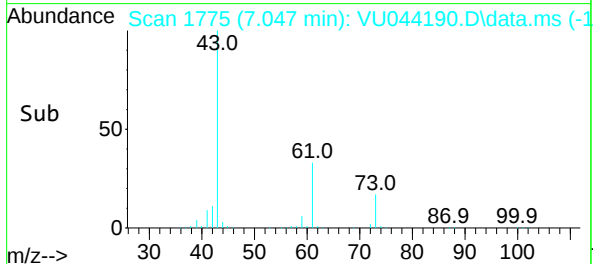
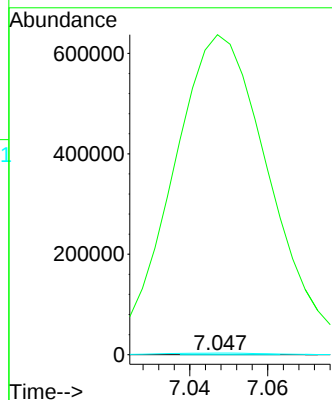
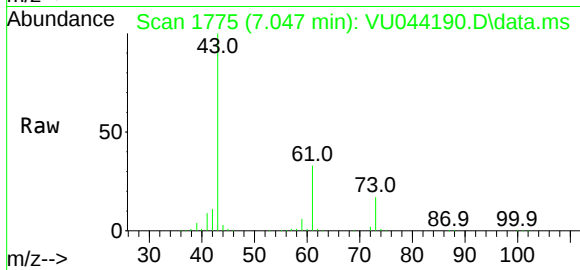
Tgt Ion: 88 Resp: 79

Ion Ratio Lower Upper

88 100

43 1462060.8 23.4 35.0#

58 8094.9 58.1 87.1#



#50

Toluene-d8

Concen: 49.312 ug/l

RT: 7.906 min Scan# 2042

Delta R.T. -0.000 min

Lab File: VU044190.D

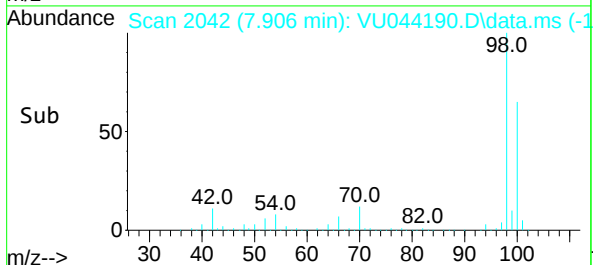
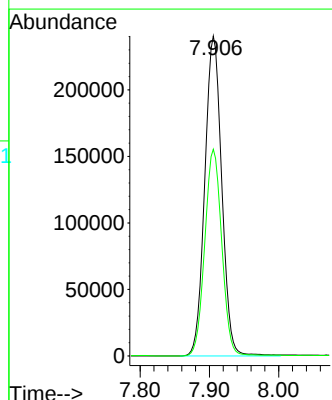
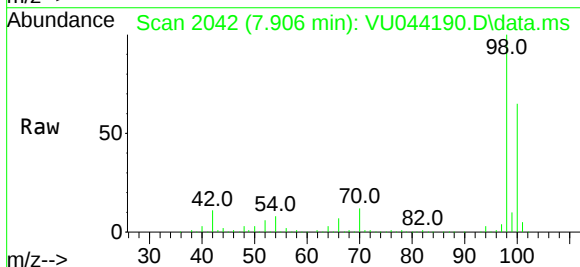
Acq: 14 Jun 2021 18:38

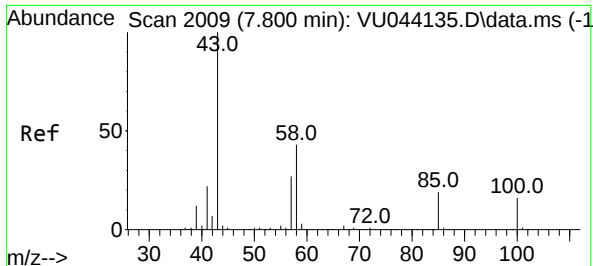
Tgt Ion: 98 Resp: 408202

Ion Ratio Lower Upper

98 100

100 64.7 52.2 78.4

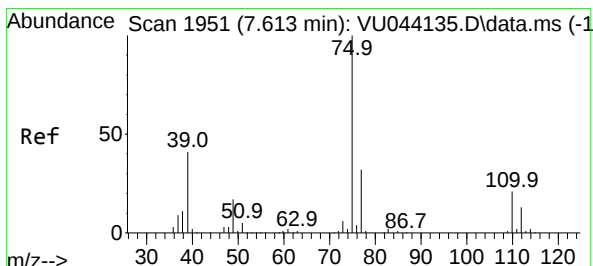
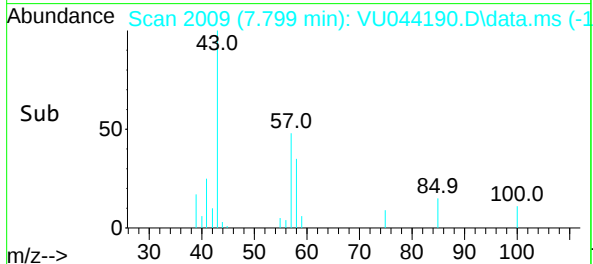
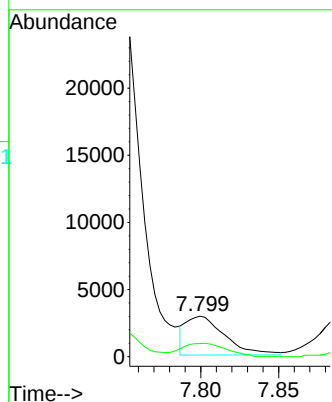
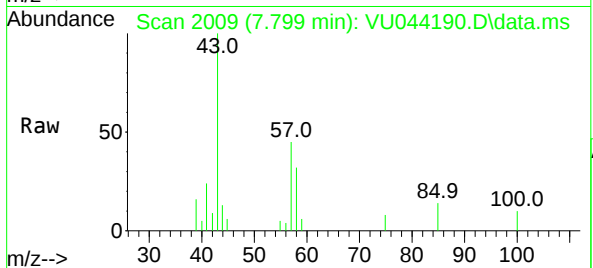




#51
4-Methyl-2-Pentanone
Concen: 1.186 ug/l
RT: 7.799 min Scan# 2009
Delta R.T. -0.001 min
Lab File: VU044190.D
Acq: 14 Jun 2021 18:38

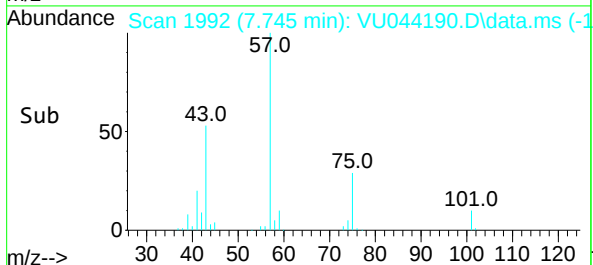
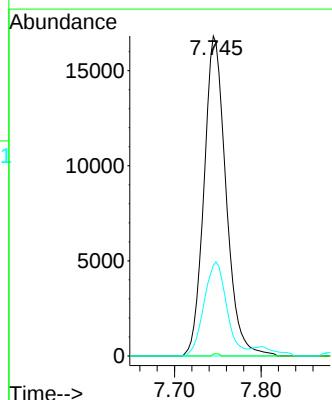
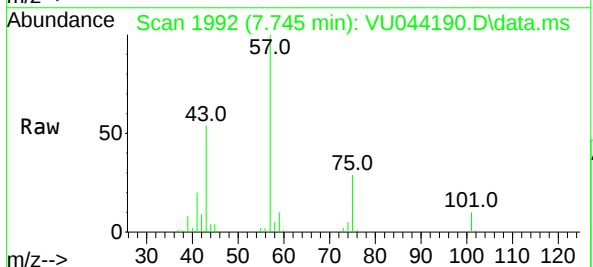
Instrument :
MSVOA_U
ClientSampled :

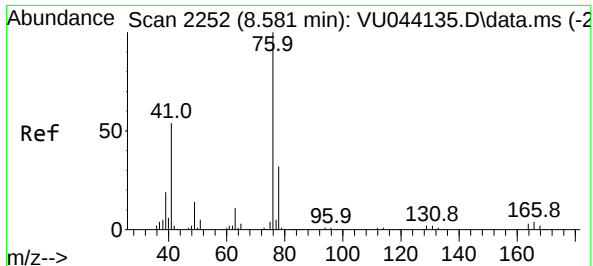
Tgt Ion: 43 Resp: 5029
Ion Ratio Lower Upper
43 100
58 39.9 34.5 51.7



#54
cis-1,3-Dichloropropene
Concen: 7.151 ug/l
RT: 7.745 min Scan# 1992
Delta R.T. 0.132 min
Lab File: VU044190.D
Acq: 14 Jun 2021 18:38

Tgt Ion: 75 Resp: 29709
Ion Ratio Lower Upper
75 100
77 0.6 25.9 38.9#
39 28.4 33.2 49.8#



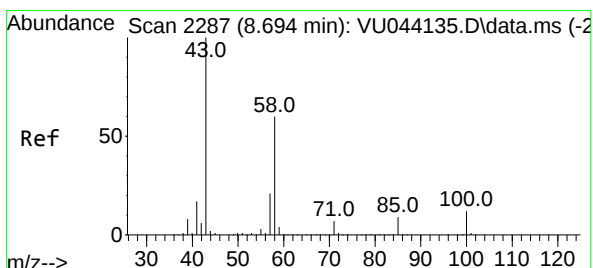
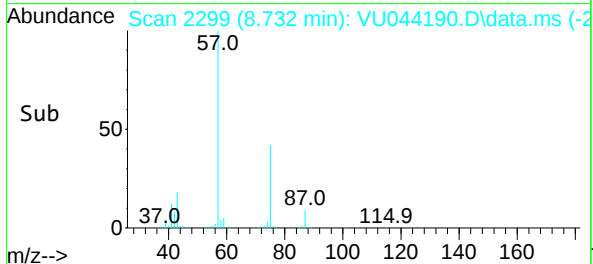
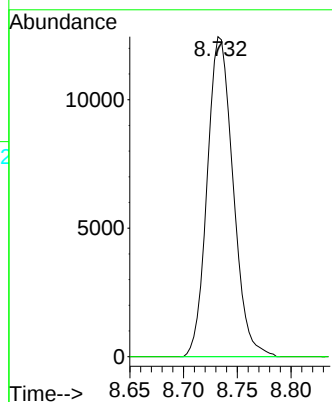
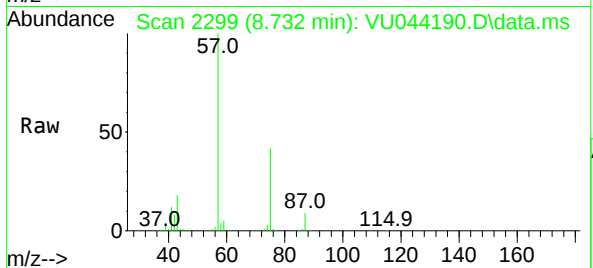


#57

1,3-Dichloropropane
Concen: 4.624 ug/l
RT: 8.732 min Scan# 2299
Delta R.T. 0.151 min
Lab File: VU044190.D
Acq: 14 Jun 2021 18:38

Instrument :
MSVOA_U
ClientSampled :

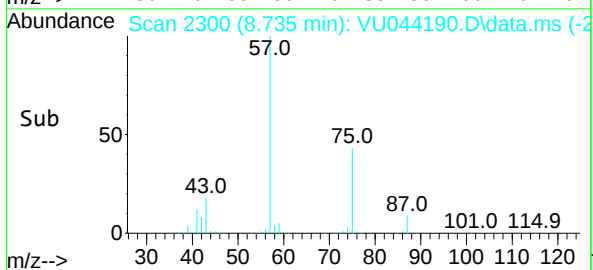
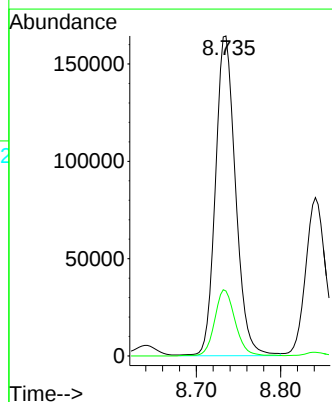
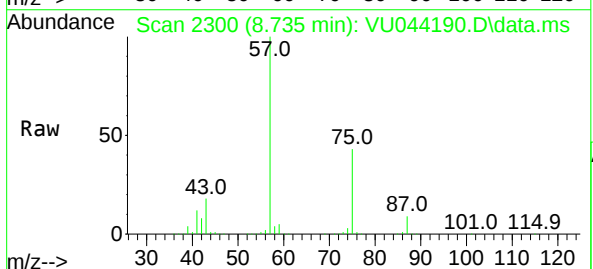
Tgt Ion: 76 Resp: 20866
Ion Ratio Lower Upper
76 100
78 0.0 25.9 38.9#

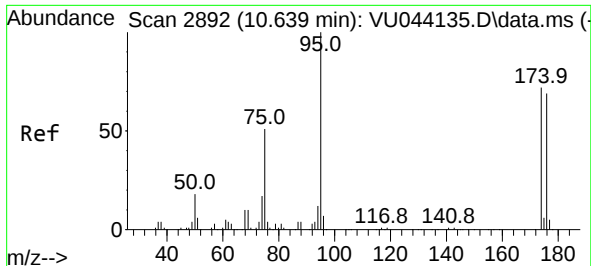


#59

2-Hexanone
Concen: 80.366 ug/l
RT: 8.735 min Scan# 2300
Delta R.T. 0.041 min
Lab File: VU044190.D
Acq: 14 Jun 2021 18:38

Tgt Ion: 43 Resp: 271893
Ion Ratio Lower Upper
43 100
58 21.3 30.0 90.1#

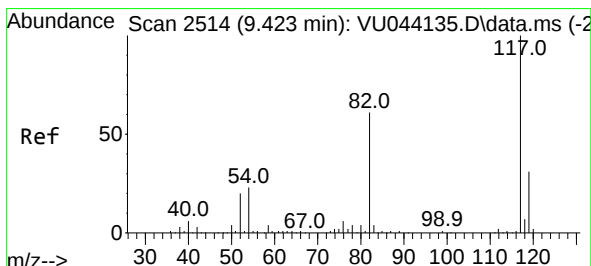
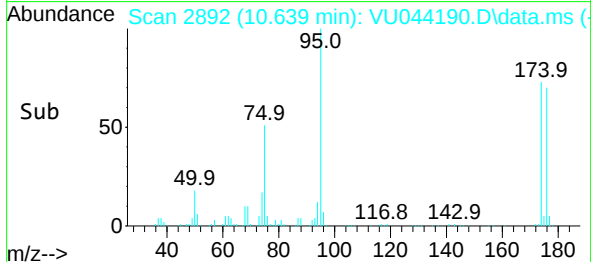
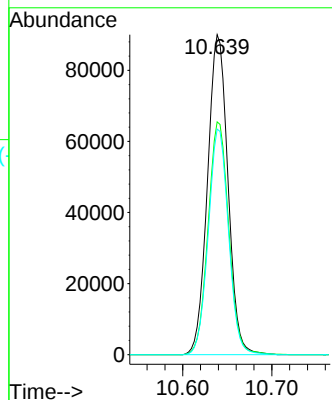
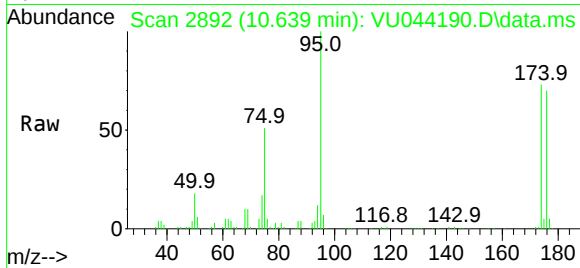




#62
4-Bromofluorobenzene
Concen: 43.140 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU044190.D
Acq: 14 Jun 2021 18:38

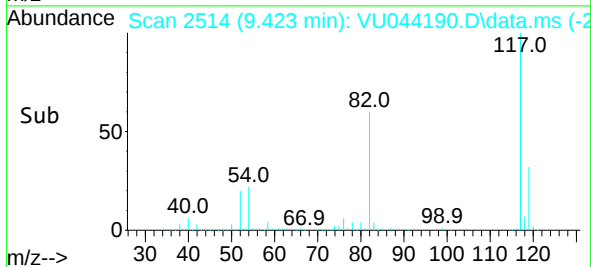
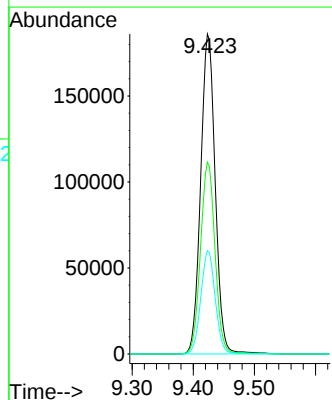
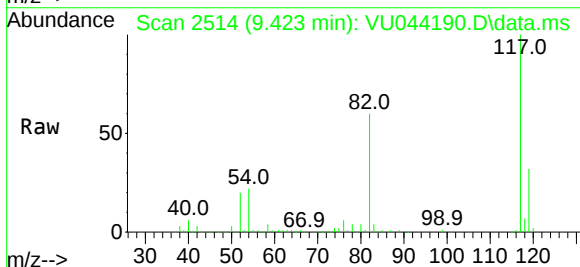
Instrument :
MSVOA_U
ClientSampleId :

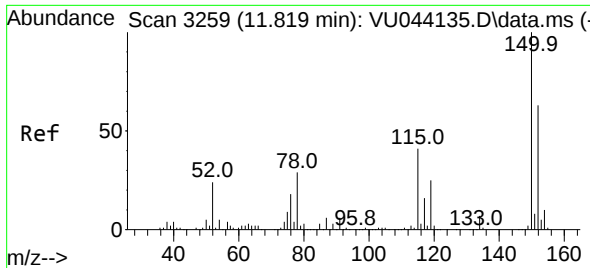
Tgt Ion: 95 Resp: 143113
Ion Ratio Lower Upper
95 100
174 73.7 0.0 144.4
176 69.8 0.0 138.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. -0.000 min
Lab File: VU044190.D
Acq: 14 Jun 2021 18:38

Tgt Ion: 117 Resp: 307827
Ion Ratio Lower Upper
117 100
82 60.0 48.8 73.2
119 32.2 25.0 37.6

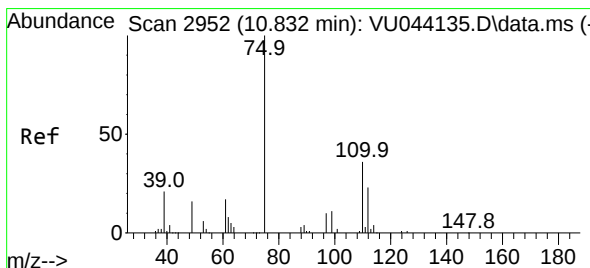
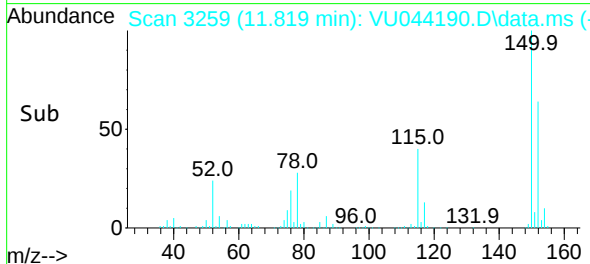
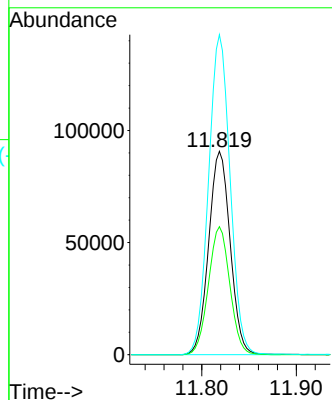
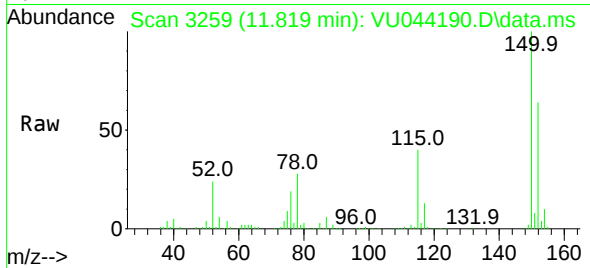




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU044190.D
 Acq: 14 Jun 2021 18:38

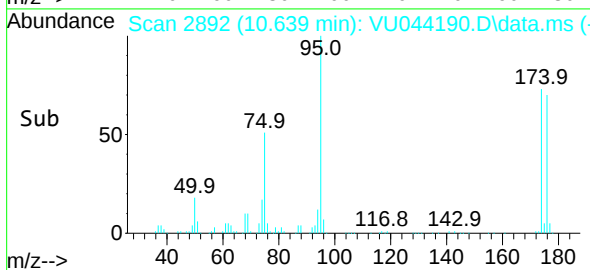
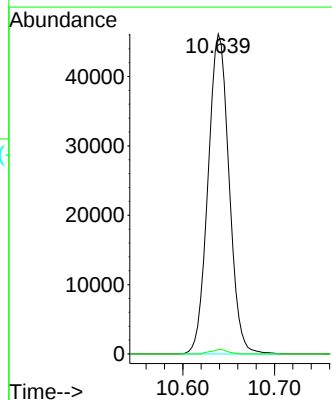
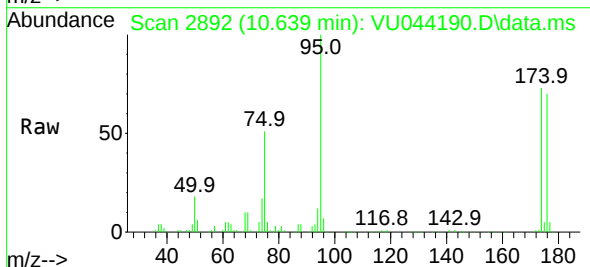
Instrument :
 MSVOA_U
 ClientSampled :

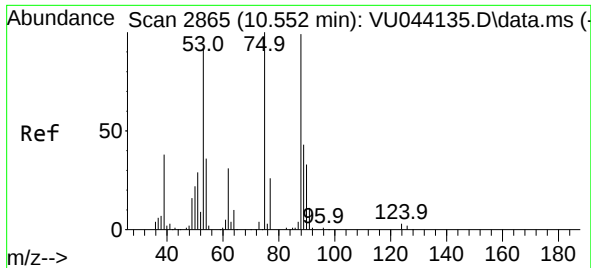
Tgt Ion:152 Resp: 143381
 Ion Ratio Lower Upper
 152 100
 115 62.6 43.8 131.3
 150 157.5 0.0 350.6



#76
 1,2,3-Trichloropropane
 Concen: 15.295 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.193 min
 Lab File: VU044190.D
 Acq: 14 Jun 2021 18:38

Tgt Ion: 75 Resp: 73529
 Ion Ratio Lower Upper
 75 100
 77 1.1 14.9 44.5#

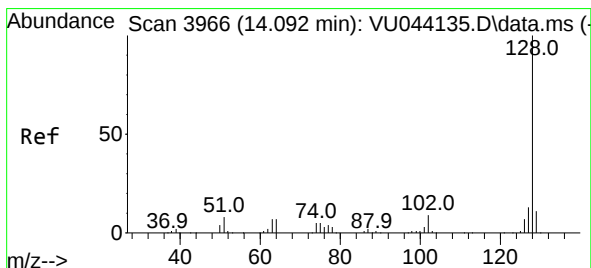
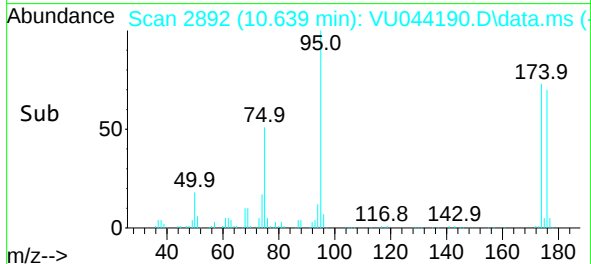
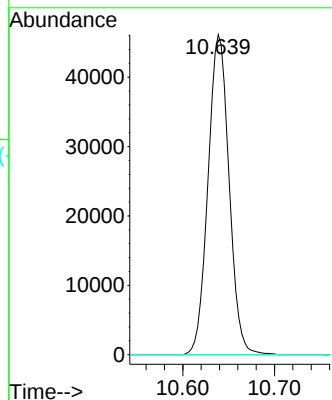
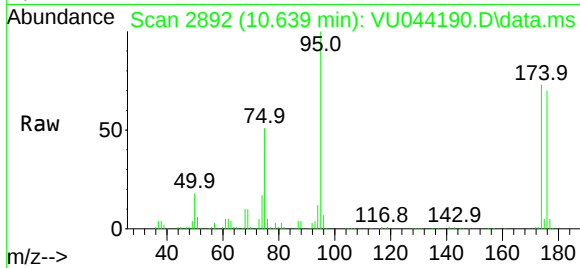




#81
trans-1,4-Dichloro-2-butene
Concen: 55.445 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.087 min
Lab File: VU044190.D
Acq: 14 Jun 2021 18:38

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 73529
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.2#
89 0.0 35.0 52.6#



#95
Naphthalene
Concen: 2.840 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU044190.D
Acq: 14 Jun 2021 18:38

Tgt Ion:128 Resp: 41
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

