

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061421\
 Data File : VU044205.D
 Acq On : 15 Jun 2021 01:14
 Operator : SY/MD
 Sample : M2687-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

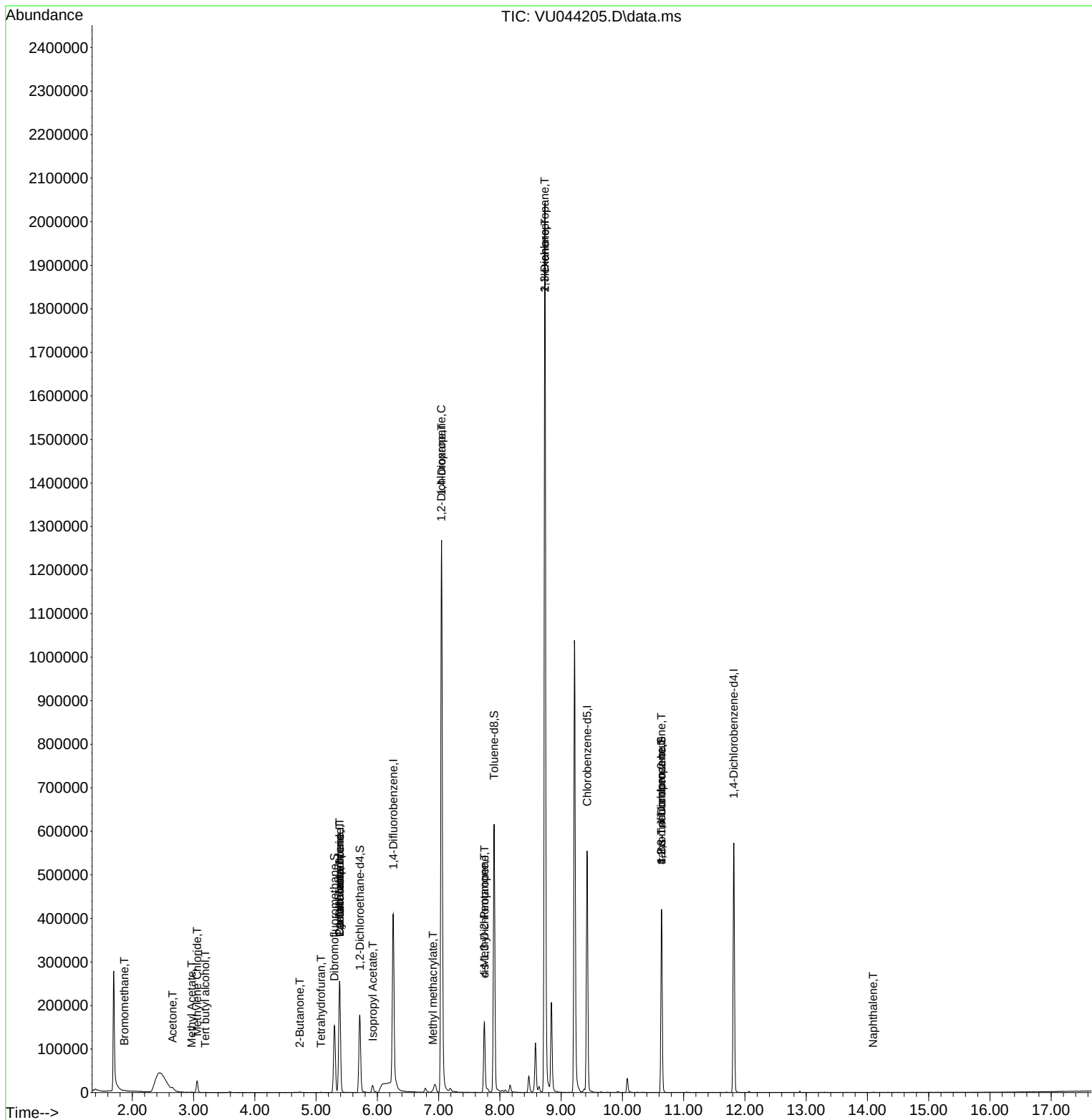
Quant Time: Jun 15 04:59:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U060921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 05:11:37 2021
 Response via : Initial Calibration

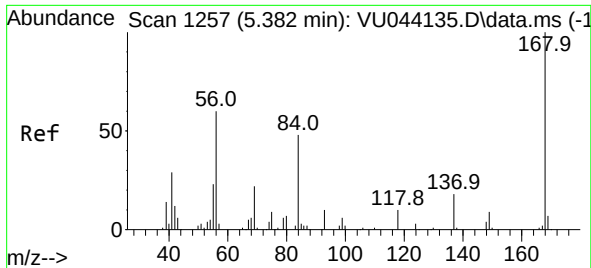
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.385	168	168883	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.259	114	308255	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	302597	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	145926	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	130328	48.527	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.060%	
35) Dibromofluoromethane	5.298	113	101180	47.185	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.380%	
50) Toluene-d8	7.906	98	397340	48.249	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.500%	
62) 4-Bromofluorobenzene	10.639	95	142906	43.302	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.600%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	307	Below Cal	#	41
5) Bromomethane	1.870	94	322	0.275	ug/l	86
6) Chloroethane	1.915	64	130	Below Cal	#	42
11) Tert butyl alcohol	3.192	59	267	0.370	ug/l	# 73
13) Acrolein	2.501	56	68	Below Cal	#	15
16) Acetone	2.658	43	9433	4.701	ug/l	89
18) Methyl Acetate	2.967	43	1391	0.403	ug/l	# 67
20) Methylene Chloride	3.057	84	12829	4.203	ug/l	97
25) 2-Butanone	4.735	43	2554	1.139	ug/l	# 89
29) Tetrahydrofuran	5.079	42	587	0.482	ug/l	# 70
31) Cyclohexane	5.382	56	3696	0.975	ug/l	# 1
36) 1,1-Dichloropropene	5.382	75	14529	4.236	ug/l	# 50
38) Carbon Tetrachloride	5.382	117	17877	5.774	ug/l	# 16
43) Isopropyl Acetate	5.925	43	18978	3.257	ug/l	97
45) 1,2-Dichloropropane	7.044	63	1580	0.572	ug/l	# 43
48) Methyl methacrylate	6.909	41	7212	2.543	ug/l	# 11
49) 1,4-Dioxane	7.047	88	20	0.270	ug/l	# 1
51) 4-Methyl-2-Pentanone	7.745	43	56644	13.431	ug/l	# 45
54) cis-1,3-Dichloropropene	7.748	75	31633	7.653	ug/l	# 62
57) 1,3-Dichloropropane	8.732	76	22315	4.971	ug/l	# 42
59) 2-Hexanone	8.735	43	275281	81.791	ug/l	# 49
76) 1,2,3-Trichloropropane	10.639	75	72164	14.750	ug/l	# 47
81) trans-1,4-Dichloro-2-b...	10.639	75	72164	53.467	ug/l	# 13
95) Naphthalene	14.092	128	828	2.912	ug/l	# 69

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

Quant Time: Jun 15 04:59:49 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

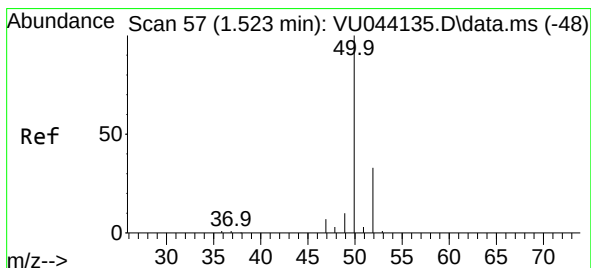
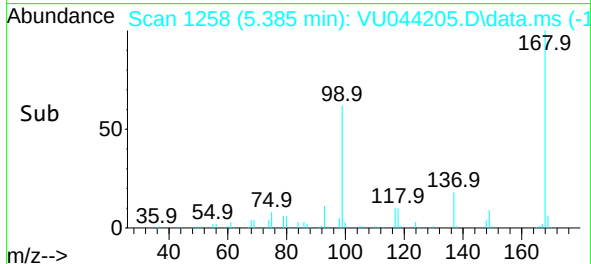
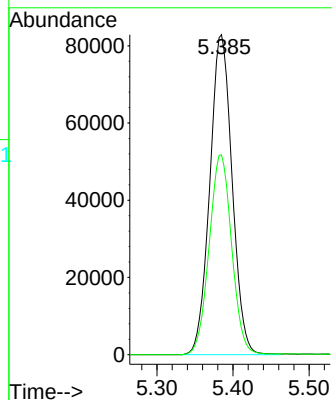
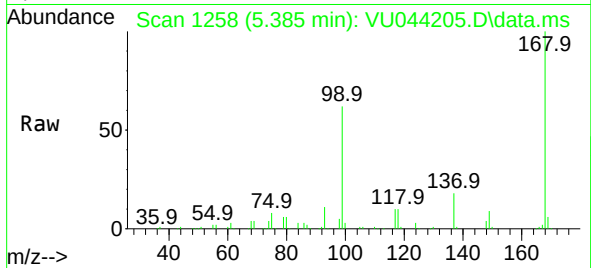




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. 0.003 min
Lab File: VU044205.D
Acq: 15 Jun 2021 01:14

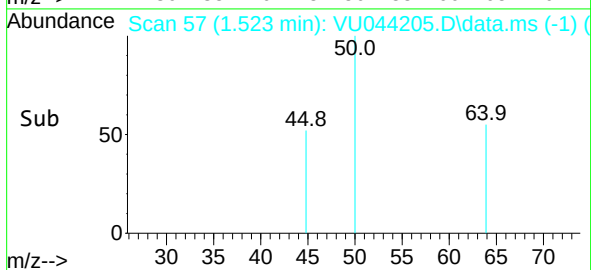
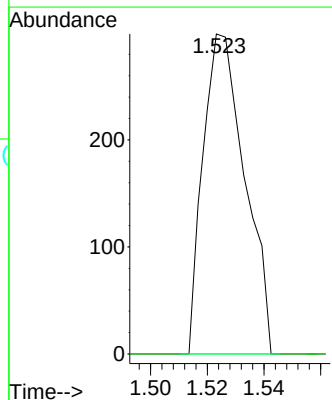
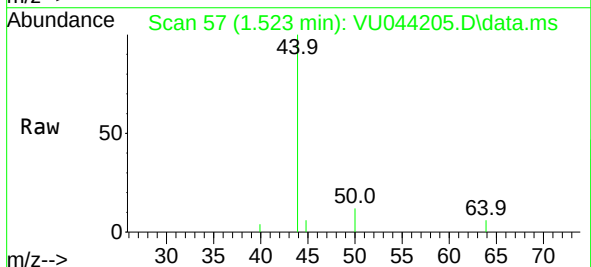
Instrument :
MSVOA_U
ClientSampled :

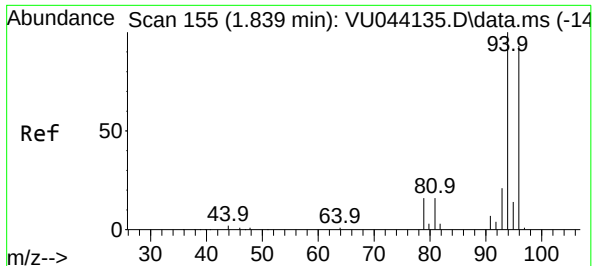
Tgt Ion:168 Resp: 168883
Ion Ratio Lower Upper
168 100
99 62.4 51.3 76.9



#3
Chloromethane
Concen: Below Cal
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU044205.D
Acq: 15 Jun 2021 01:14

Tgt Ion: 50 Resp: 307
Ion Ratio Lower Upper
50 100
52 0.0 26.6 39.8#

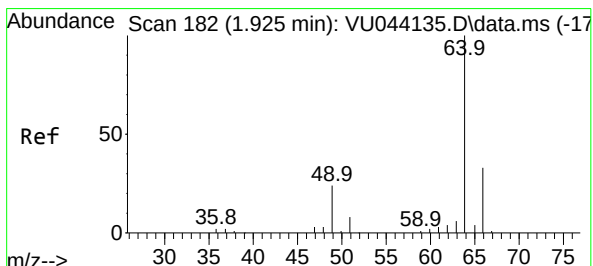
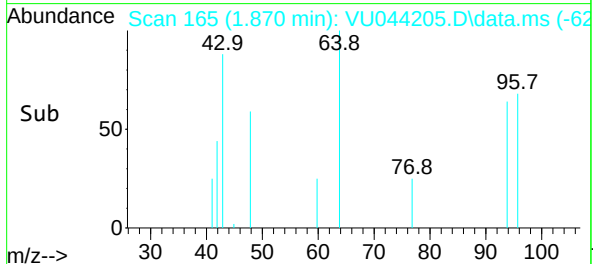
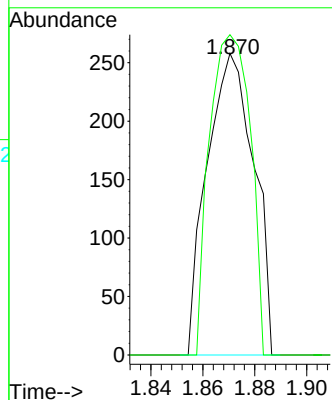
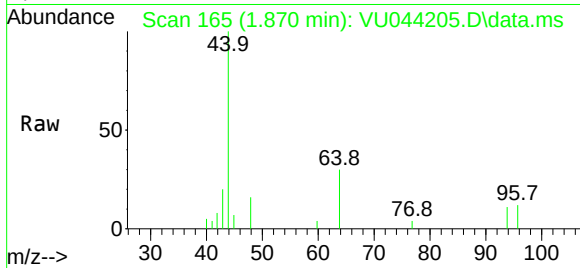




#5
Bromomethane
Concen: 0.275 ug/l
RT: 1.870 min Scan# 165
Delta R.T. 0.031 min
Lab File: VU044205.D
Acq: 15 Jun 2021 01:14

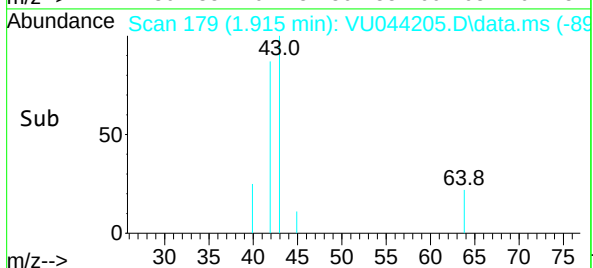
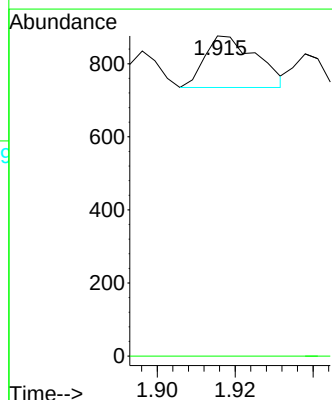
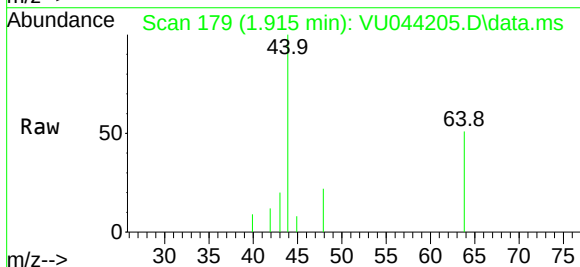
Instrument :
MSVOA_U
ClientSampled :

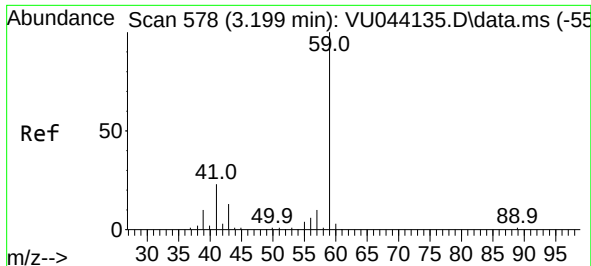
Tgt Ion: 94 Resp: 322
Ion Ratio Lower Upper
94 100
96 106.2 74.1 111.1



#6
Chloroethane
Concen: Below Cal
RT: 1.915 min Scan# 179
Delta R.T. -0.010 min
Lab File: VU044205.D
Acq: 15 Jun 2021 01:14

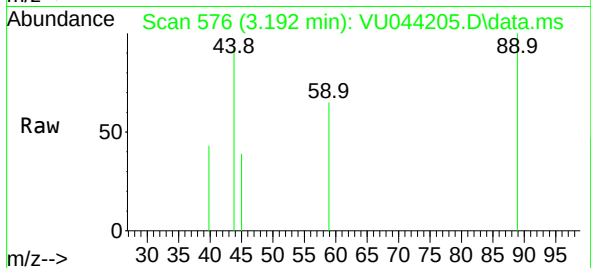
Tgt Ion: 64 Resp: 130
Ion Ratio Lower Upper
64 100
66 0.0 26.1 39.1#



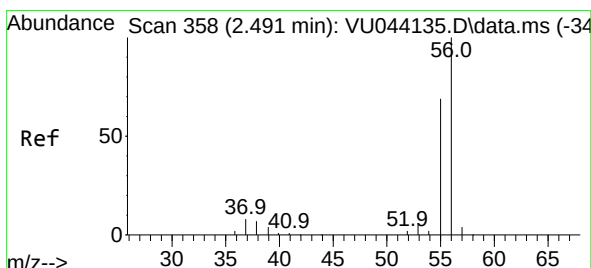
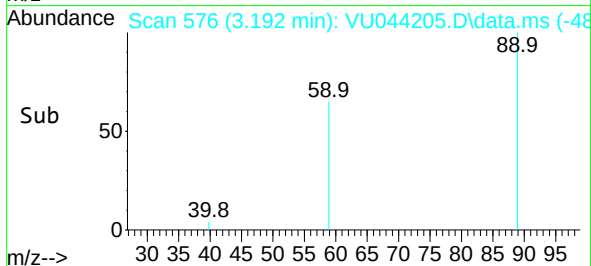
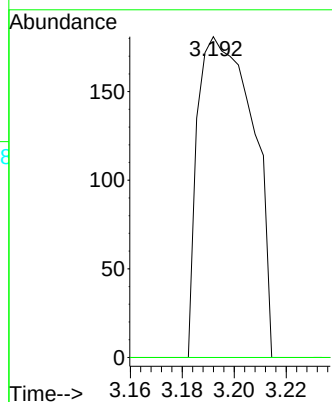


#11
Tert butyl alcohol
Concen: 0.370 ug/l
RT: 3.192 min Scan# 576
Delta R.T. -0.007 min
Lab File: VU044205.D
Acq: 15 Jun 2021 01:14

Instrument :
MSVOA_U
ClientSampled :

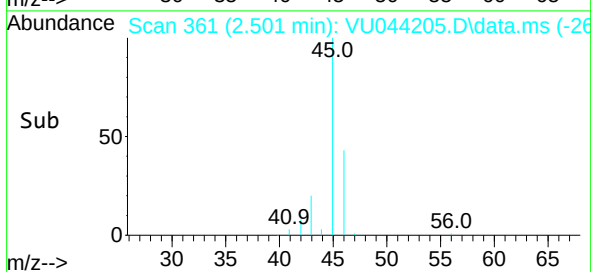
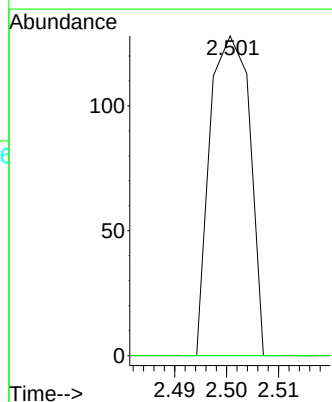
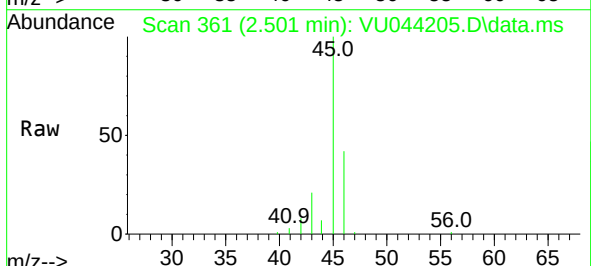


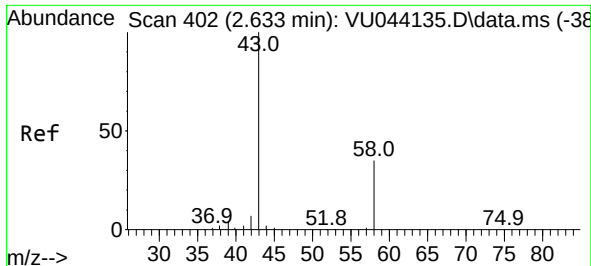
Tgt Ion: 59 Resp: 267
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



#13
Acrolein
Concen: Below Cal
RT: 2.501 min Scan# 361
Delta R.T. 0.010 min
Lab File: VU044205.D
Acq: 15 Jun 2021 01:14

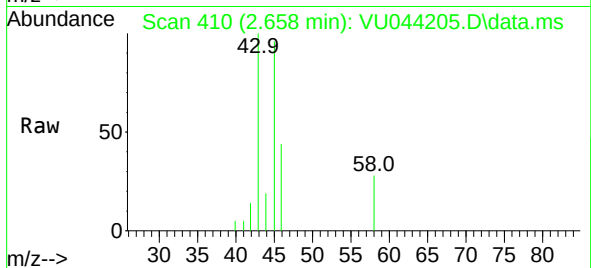
Tgt Ion: 56 Resp: 68
Ion Ratio Lower Upper
56 100
55 0.0 55.1 82.7#



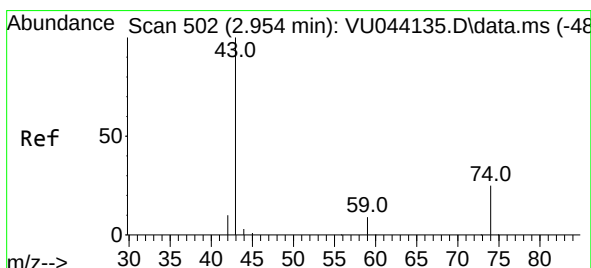
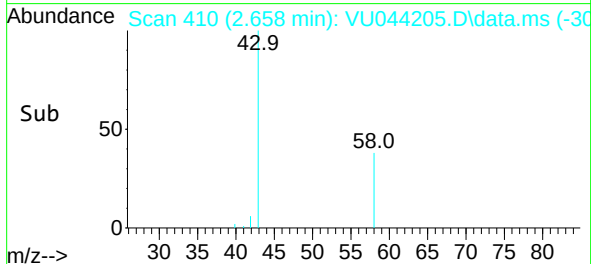
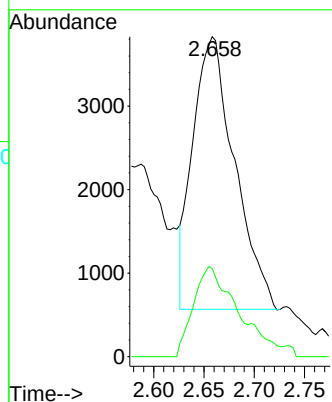


#16
Acetone
Concen: 4.701 ug/l
RT: 2.658 min Scan# 410
Delta R.T. 0.025 min
Lab File: VU044205.D
Acq: 15 Jun 2021 01:14

Instrument :
MSVOA_U
ClientSampled :

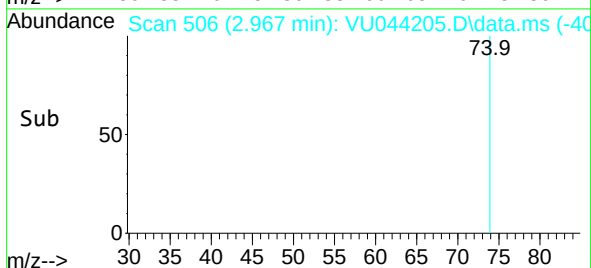
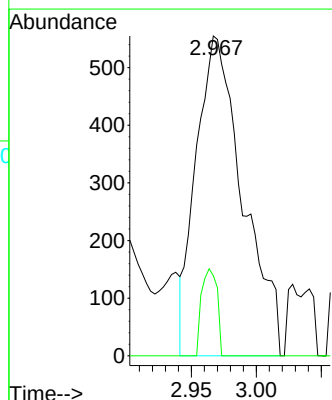
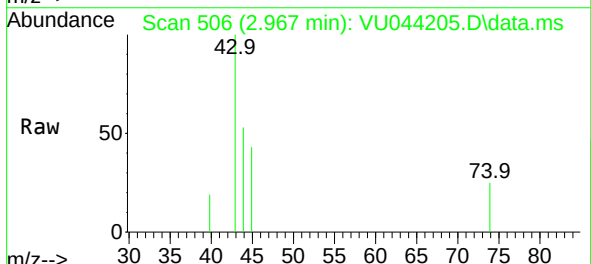


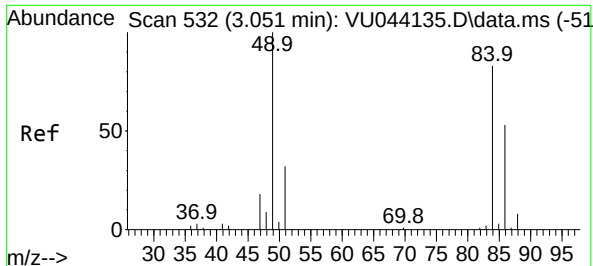
Tgt Ion: 43 Resp: 9433
Ion Ratio Lower Upper
43 100
58 28.7 28.0 42.0



#18
Methyl Acetate
Concen: 0.403 ug/l
RT: 2.967 min Scan# 506
Delta R.T. 0.013 min
Lab File: VU044205.D
Acq: 15 Jun 2021 01:14

Tgt Ion: 43 Resp: 1391
Ion Ratio Lower Upper
43 100
74 9.0 20.3 30.5#





#20

Methylene Chloride

Concen: 4.203 ug/l

RT: 3.057 min Scan# 534

Delta R.T. 0.006 min

Lab File: VU044205.D

Acq: 15 Jun 2021 01:14

Tgt Ion: 84 Resp: 12829

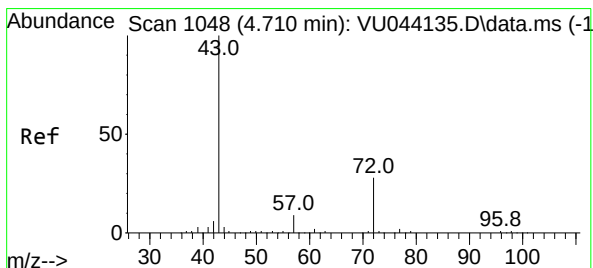
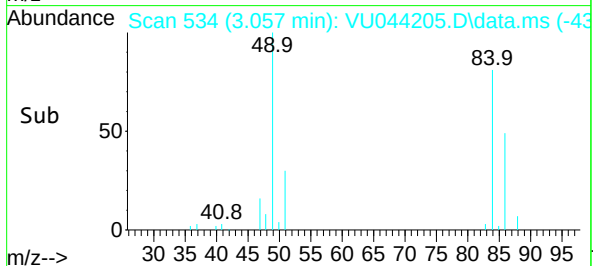
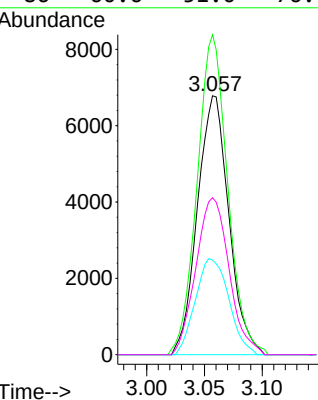
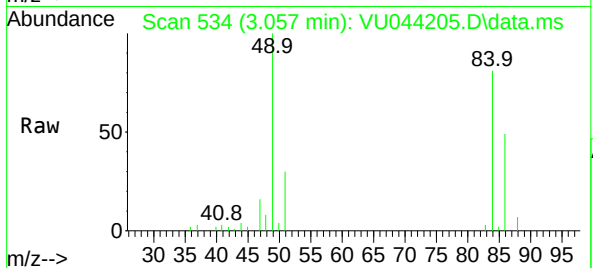
Ion Ratio Lower Upper

84 100

49 123.6 96.9 145.3

51 36.6 31.0 46.6

86 60.6 51.0 76.6



#25

2-Butanone

Concen: 1.139 ug/l

RT: 4.735 min Scan# 1056

Delta R.T. 0.025 min

Lab File: VU044205.D

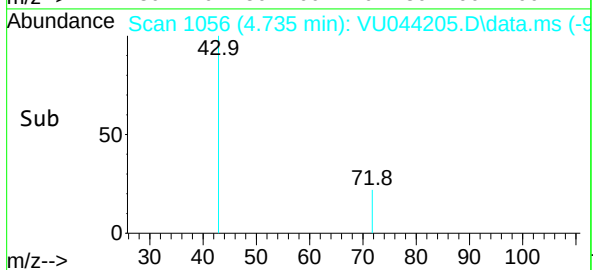
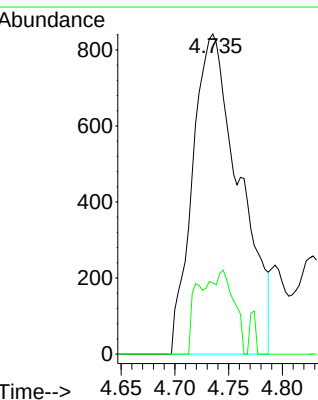
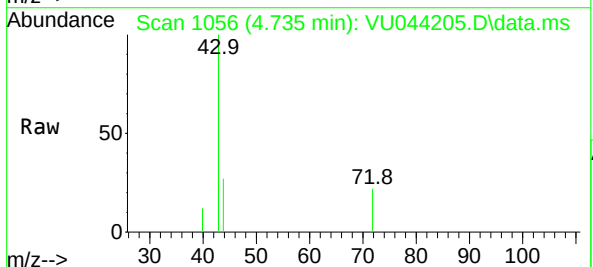
Acq: 15 Jun 2021 01:14

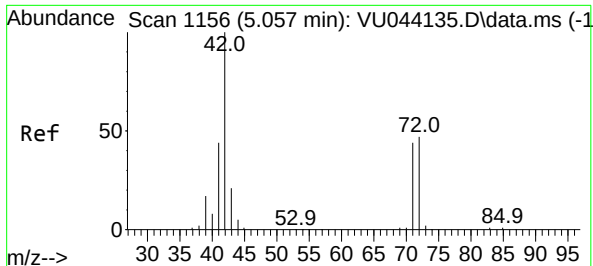
Tgt Ion: 43 Resp: 2554

Ion Ratio Lower Upper

43 100

72 22.2 22.6 33.8#





#29

Tetrahydrofuran

Concen: 0.482 ug/l

RT: 5.079 min Scan# 1163

Delta R.T. 0.022 min

Lab File: VU044205.D

Acq: 15 Jun 2021 01:14

Tgt Ion: 42 Resp: 587

Ion Ratio Lower Upper

42 100

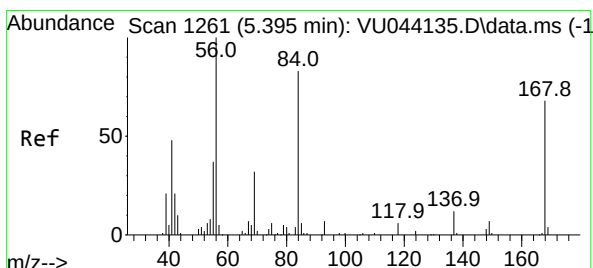
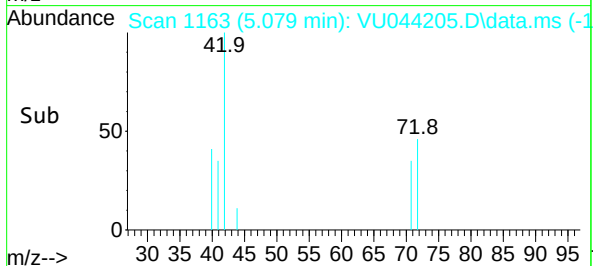
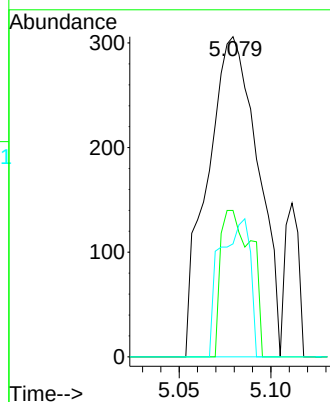
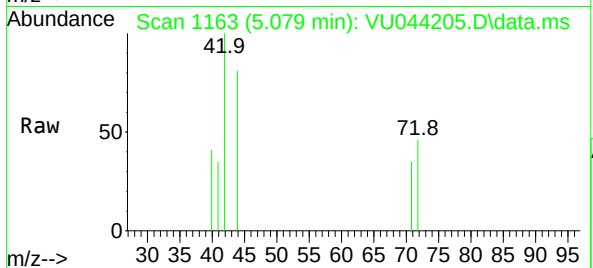
72 27.8 38.6 57.8#

71 25.6 35.5 53.3#

Instrument :

MSVOA_U

ClientSampled :



#31

Cyclohexane

Concen: 0.975 ug/l

RT: 5.382 min Scan# 1257

Delta R.T. -0.013 min

Lab File: VU044205.D

Acq: 15 Jun 2021 01:14

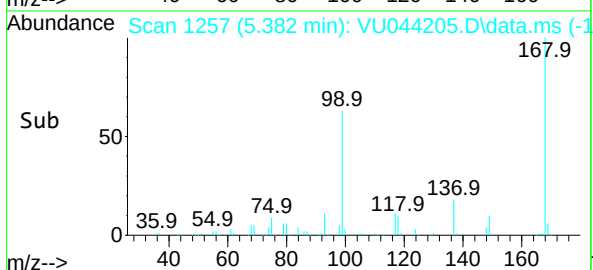
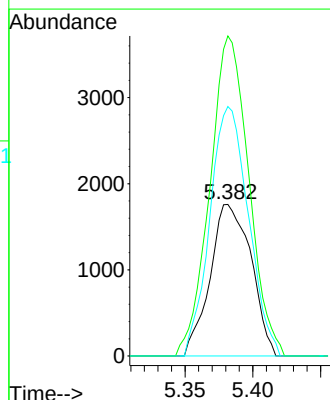
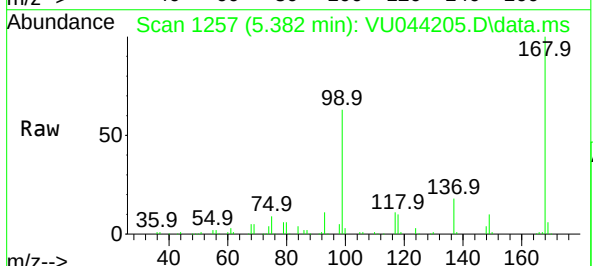
Tgt Ion: 56 Resp: 3696

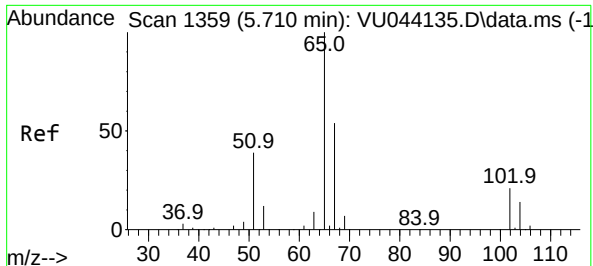
Ion Ratio Lower Upper

56 100

69 204.0 25.5 38.3#

84 164.6 66.3 99.5#



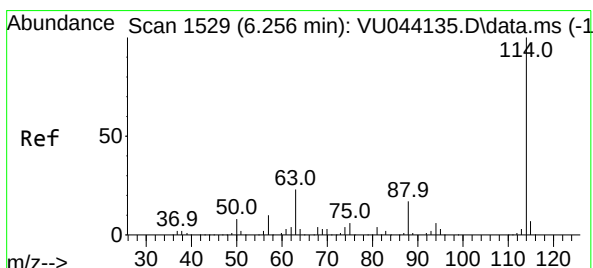
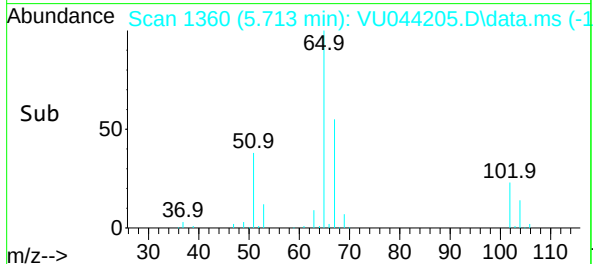
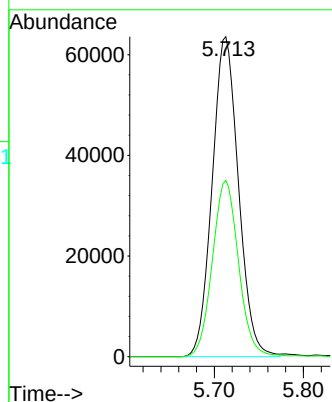
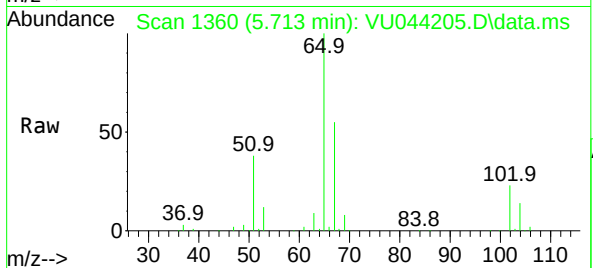


#33

1,2-Dichloroethane-d4
Concen: 48.527 ug/l
RT: 5.713 min Scan# 1360
Delta R.T. 0.003 min
Lab File: VU044205.D
Acq: 15 Jun 2021 01:14

Instrument :
MSVOA_U
ClientSampled :

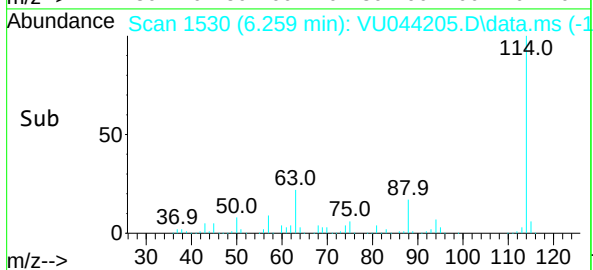
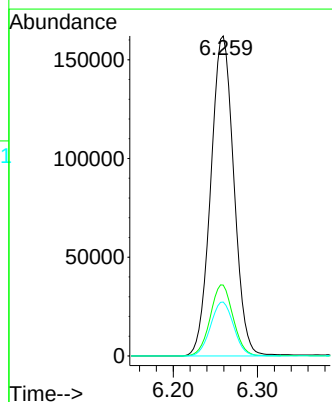
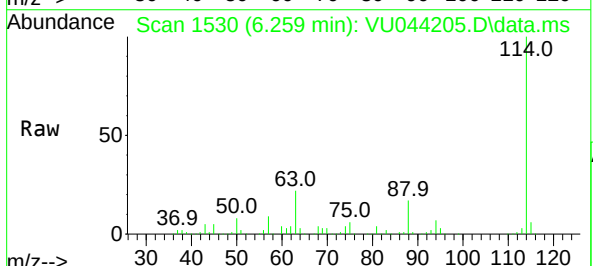
Tgt Ion: 65 Resp: 130328
Ion Ratio Lower Upper
65 100
67 54.8 0.0 106.6

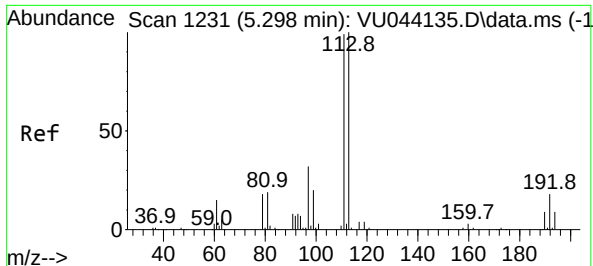


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.259 min Scan# 1530
Delta R.T. 0.003 min
Lab File: VU044205.D
Acq: 15 Jun 2021 01:14

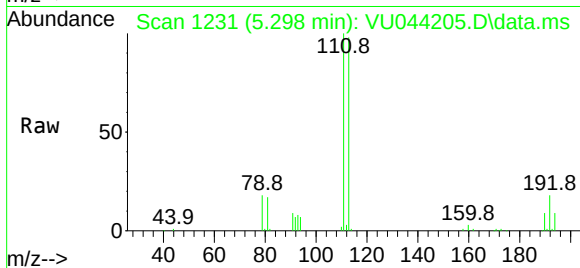
Tgt Ion: 114 Resp: 308255
Ion Ratio Lower Upper
114 100
63 22.1 0.0 45.8
88 16.8 0.0 34.0



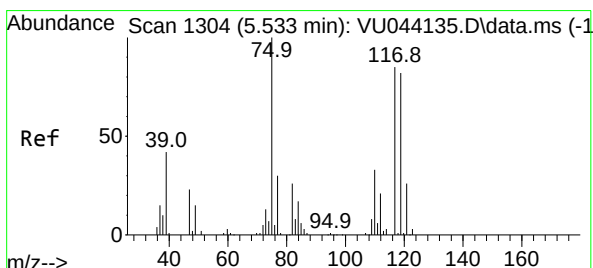
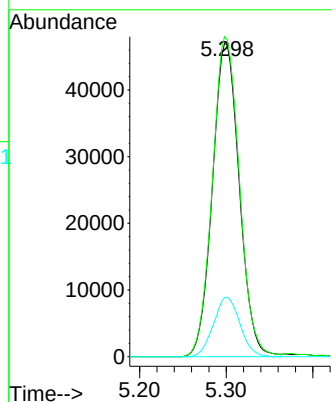
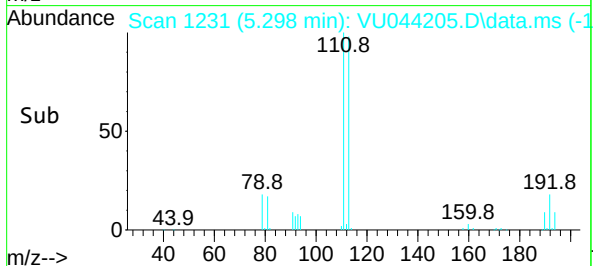


#35
Dibromofluoromethane
Concen: 47.185 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VU044205.D
Acq: 15 Jun 2021 01:14

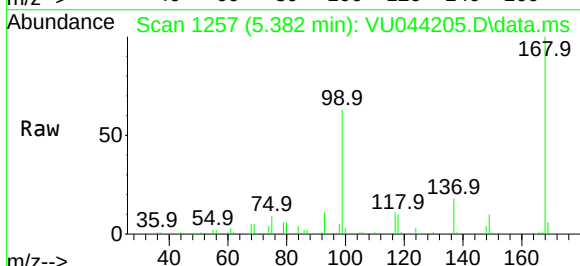
Instrument :
MSVOA_U
ClientSampled :



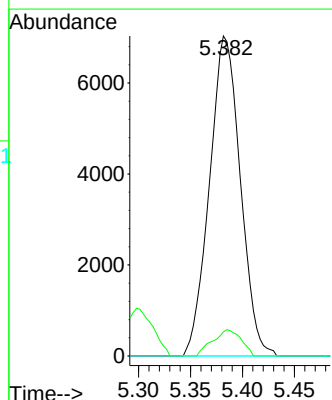
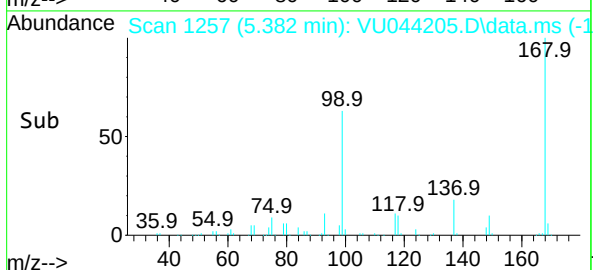
Tgt Ion:113 Resp: 101180
Ion Ratio Lower Upper
113 100
111 102.8 81.0 121.4
192 18.7 14.3 21.5

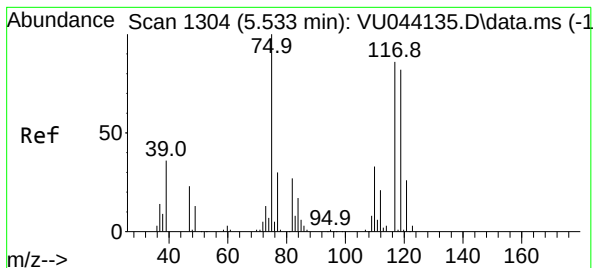


#36
1,1-Dichloropropene
Concen: 4.236 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU044205.D
Acq: 15 Jun 2021 01:14



Tgt Ion: 75 Resp: 14529
Ion Ratio Lower Upper
75 100
110 7.6 16.4 49.4#
77 0.0 24.7 37.1#

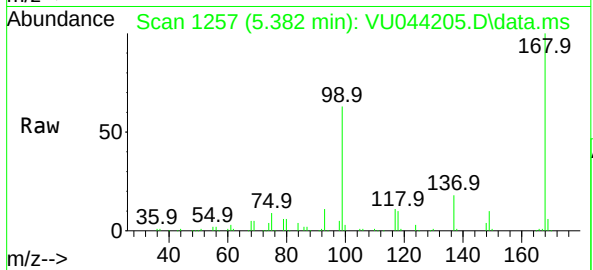




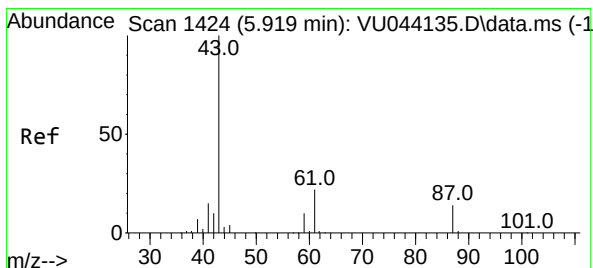
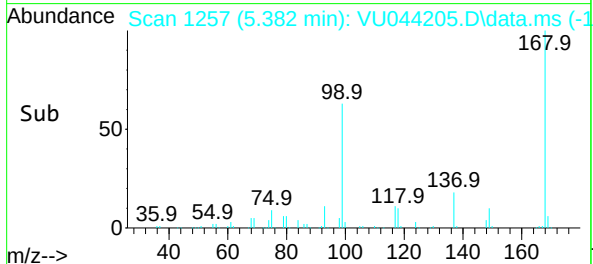
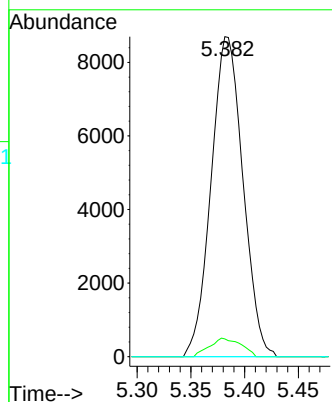
#38

Carbon Tetrachloride
Concen: 5.774 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU044205.D
Acq: 15 Jun 2021 01:14

Instrument :
MSVOA_U
ClientSampled :

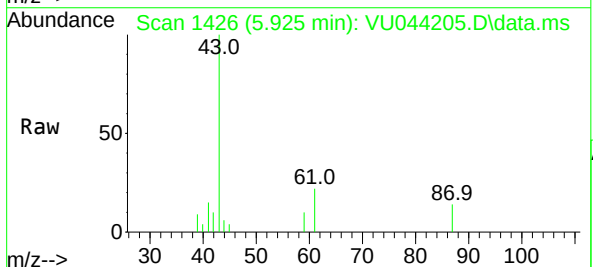


Tgt Ion:117 Resp: 17877
Ion Ratio Lower Upper
117 100
119 5.5 76.6 114.8#
121 0.0 24.6 36.8#

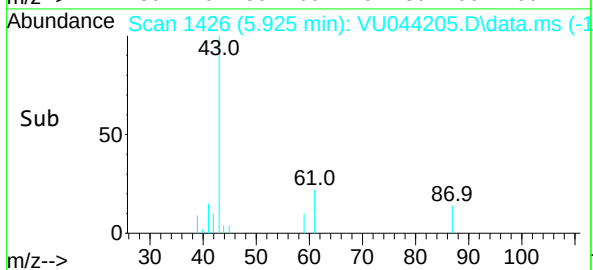
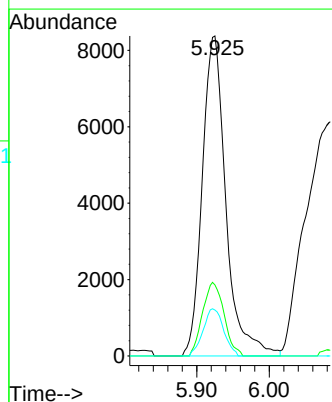


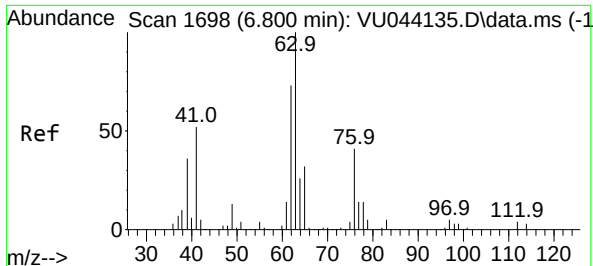
#43

Isopropyl Acetate
Concen: 3.257 ug/l
RT: 5.925 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VU044205.D
Acq: 15 Jun 2021 01:14



Tgt Ion: 43 Resp: 18978
Ion Ratio Lower Upper
43 100
61 20.9 17.8 26.8
87 12.8 11.1 16.7



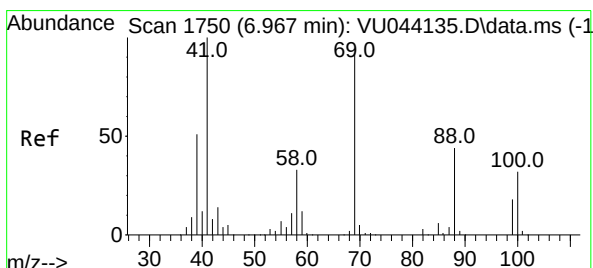
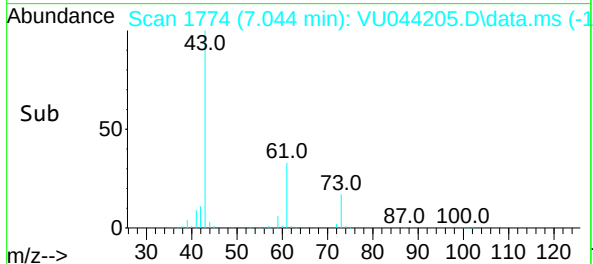
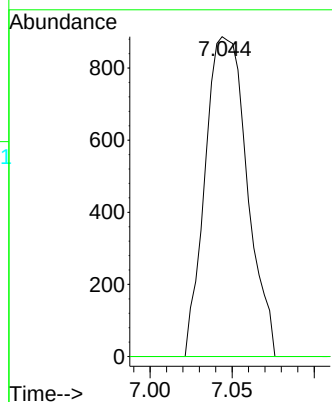
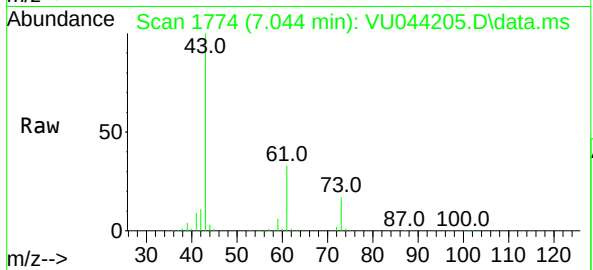


#45

1,2-Dichloropropane
Concen: 0.572 ug/l
RT: 7.044 min Scan# 1774
Delta R.T. 0.244 min
Lab File: VU044205.D
Acq: 15 Jun 2021 01:14

Instrument :
MSVOA_U
ClientSampled :

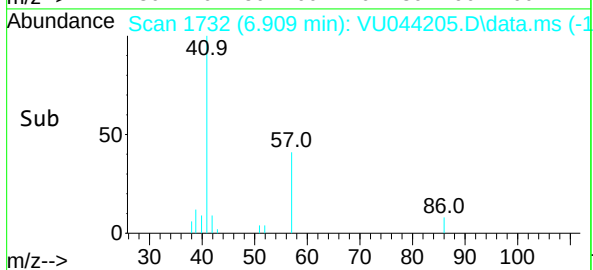
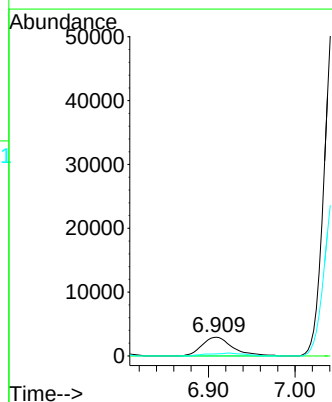
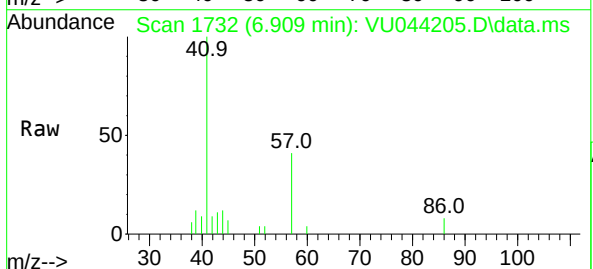
Tgt Ion: 63 Resp: 1580
Ion Ratio Lower Upper
63 100
65 0.0 25.7 38.5#

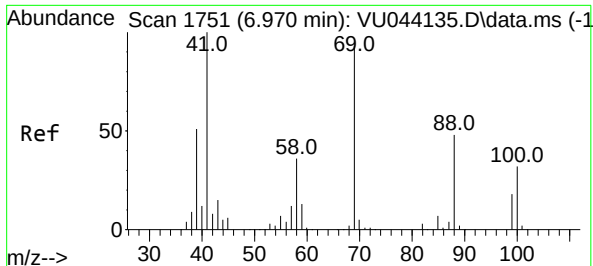


#48

Methyl methacrylate
Concen: 2.543 ug/l
RT: 6.909 min Scan# 1732
Delta R.T. -0.058 min
Lab File: VU044205.D
Acq: 15 Jun 2021 01:14

Tgt Ion: 41 Resp: 7212
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: 0.270 ug/l

RT: 7.047 min Scan# 1775

Delta R.T. 0.077 min

Lab File: VU044205.D

Acq: 15 Jun 2021 01:14

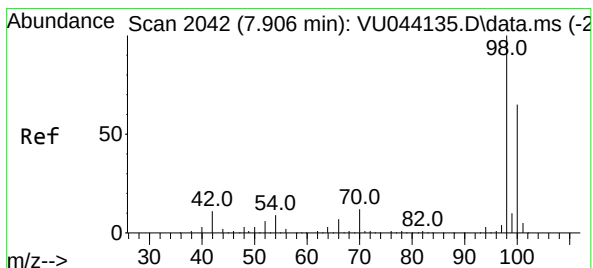
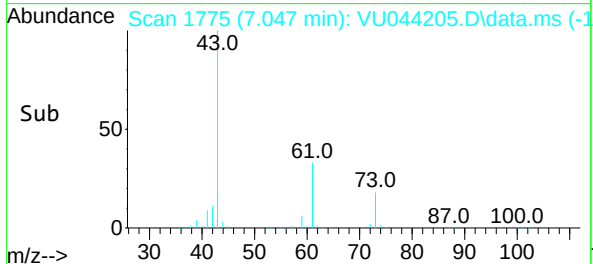
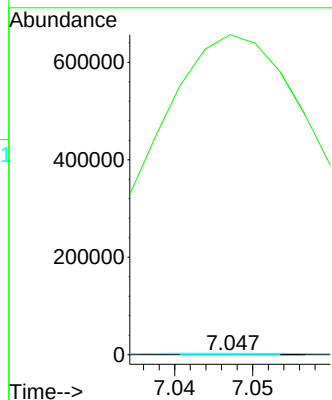
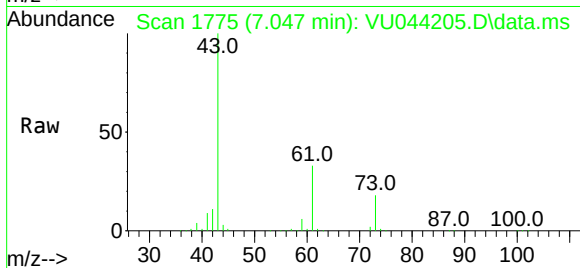
Tgt Ion: 88 Resp: 20

Ion Ratio Lower Upper

88 100

43 6017075.0 23.4 35.0#

58 30600.0 58.1 87.1#



#50

Toluene-d8

Concen: 48.249 ug/l

RT: 7.906 min Scan# 2042

Delta R.T. -0.000 min

Lab File: VU044205.D

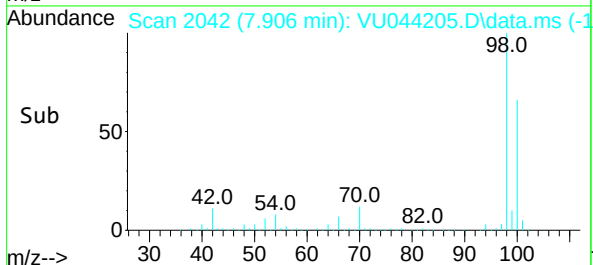
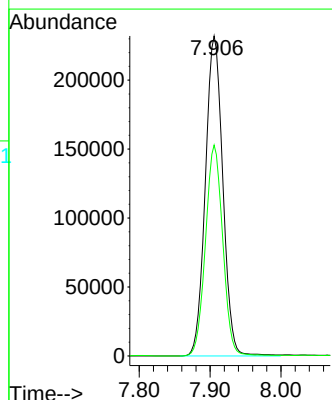
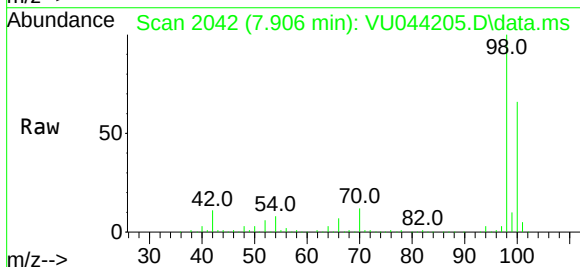
Acq: 15 Jun 2021 01:14

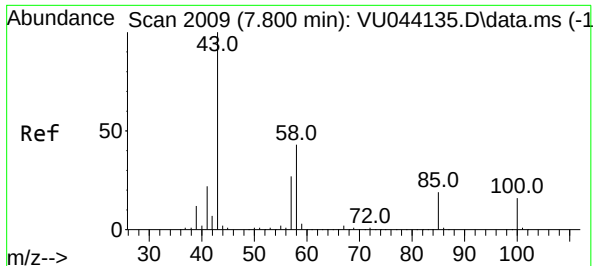
Tgt Ion: 98 Resp: 397340

Ion Ratio Lower Upper

98 100

100 65.2 52.2 78.4

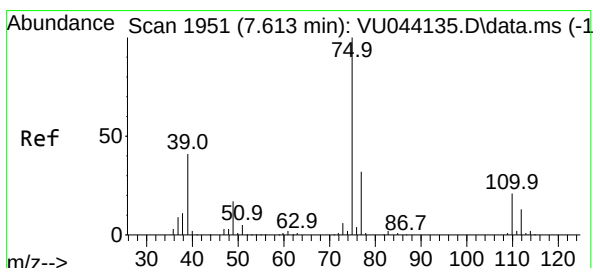
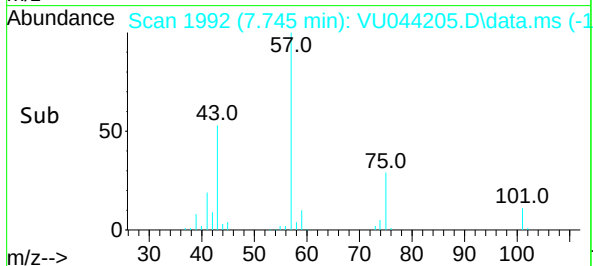
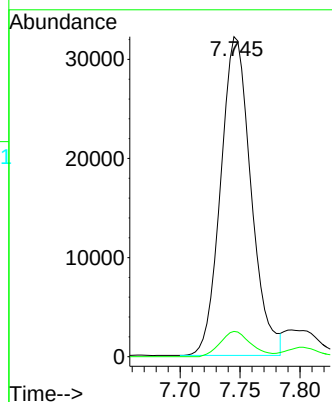
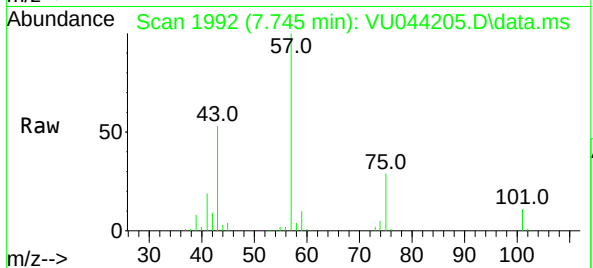




#51
4-Methyl-2-Pentanone
Concen: 13.431 ug/l
RT: 7.745 min Scan# 1992
Delta R.T. -0.055 min
Lab File: VU044205.D
Acq: 15 Jun 2021 01:14

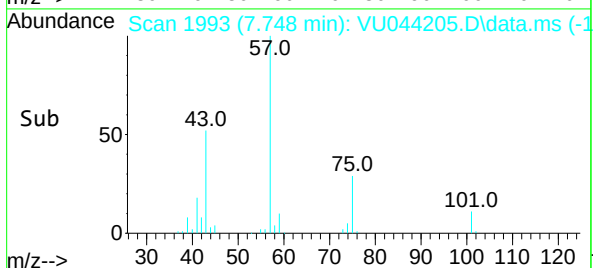
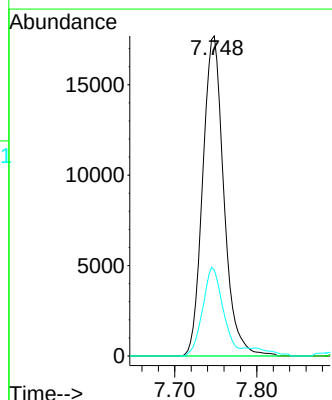
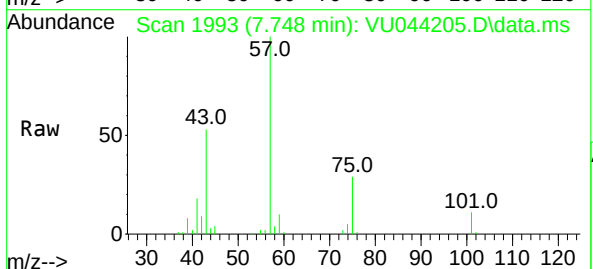
Instrument :
MSVOA_U
ClientSampled :

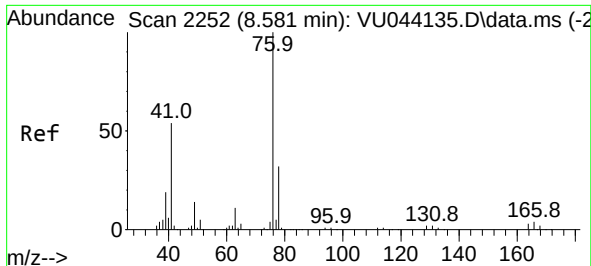
Tgt Ion: 43 Resp: 56644
Ion Ratio Lower Upper
43 100
58 8.0 34.5 51.7#



#54
cis-1,3-Dichloropropene
Concen: 7.653 ug/l
RT: 7.748 min Scan# 1993
Delta R.T. 0.135 min
Lab File: VU044205.D
Acq: 15 Jun 2021 01:14

Tgt Ion: 75 Resp: 31633
Ion Ratio Lower Upper
75 100
77 0.0 25.9 38.9#
39 26.9 33.2 49.8#



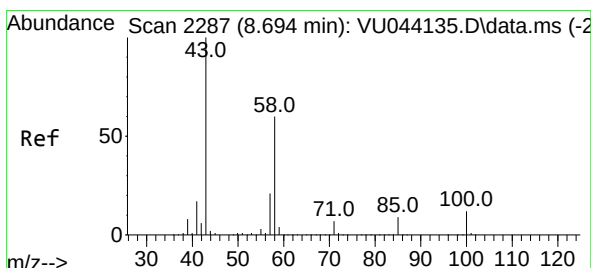
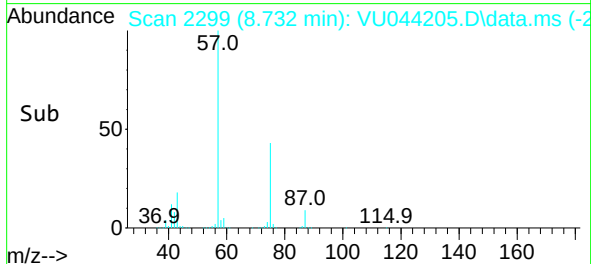
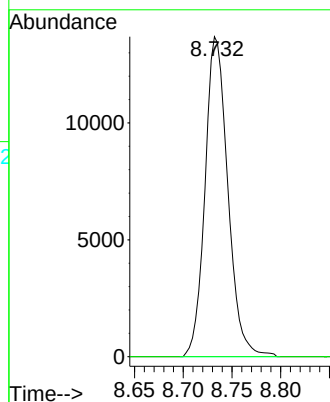
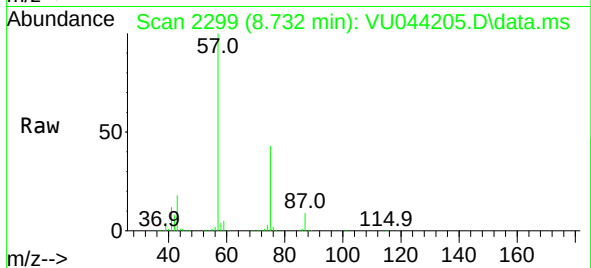


#57

1,3-Dichloropropane
Concen: 4.971 ug/l
RT: 8.732 min Scan# 2299
Delta R.T. 0.151 min
Lab File: VU044205.D
Acq: 15 Jun 2021 01:14

Instrument :
MSVOA_U
ClientSampled :

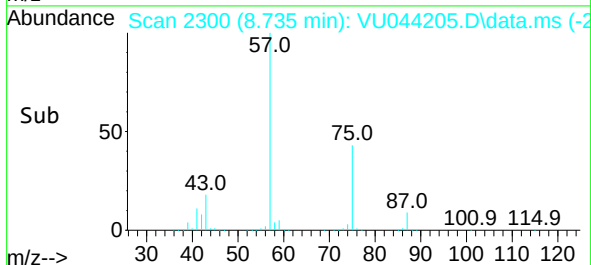
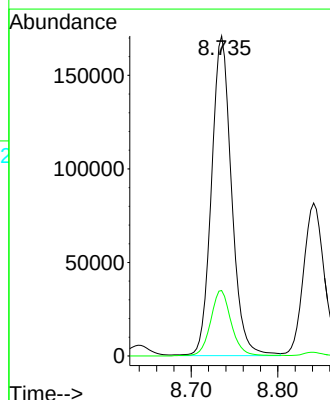
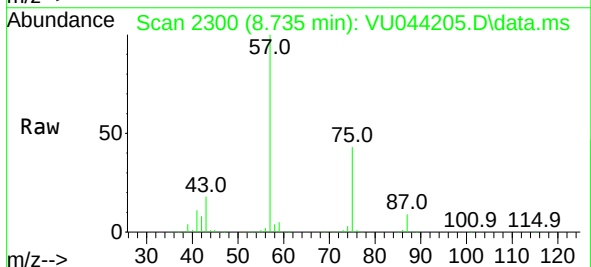
Tgt Ion: 76 Resp: 22315
Ion Ratio Lower Upper
76 100
78 0.0 25.9 38.9#

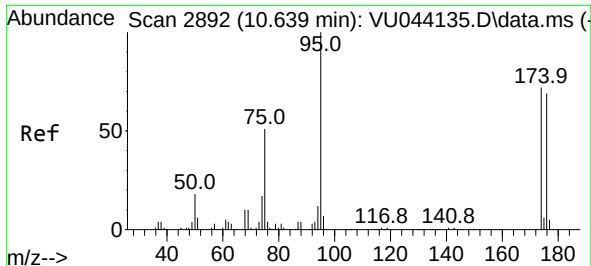


#59

2-Hexanone
Concen: 81.791 ug/l
RT: 8.735 min Scan# 2300
Delta R.T. 0.041 min
Lab File: VU044205.D
Acq: 15 Jun 2021 01:14

Tgt Ion: 43 Resp: 275281
Ion Ratio Lower Upper
43 100
58 21.1 30.0 90.1#

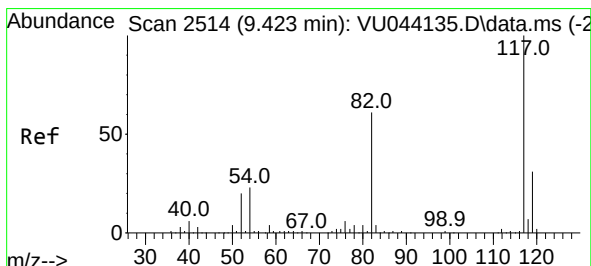
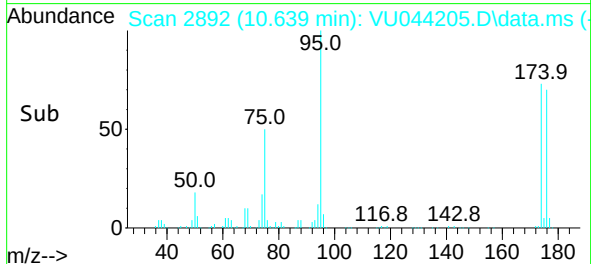
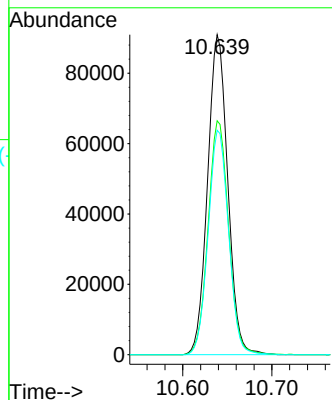
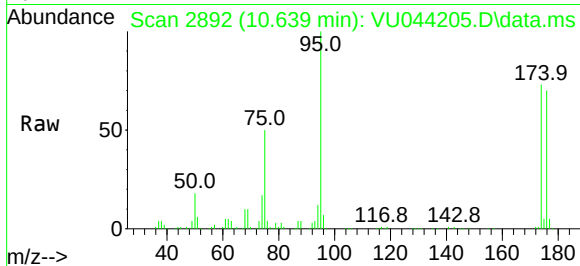




#62
4-Bromofluorobenzene
Concen: 43.302 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU044205.D
Acq: 15 Jun 2021 01:14

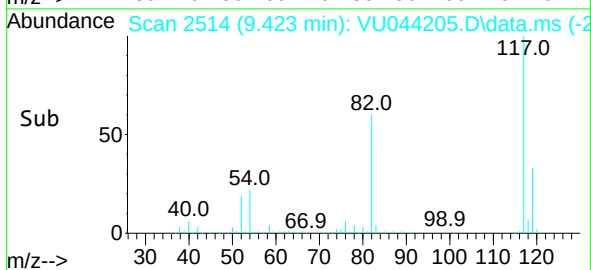
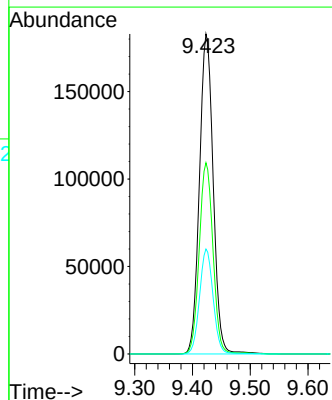
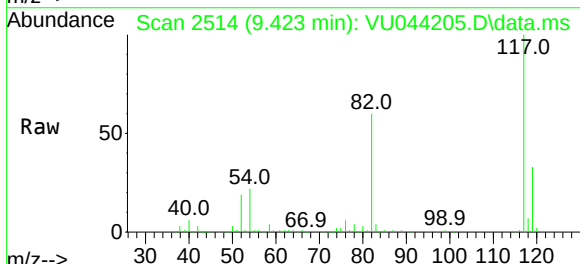
Instrument :
MSVOA_U
ClientSampleId :

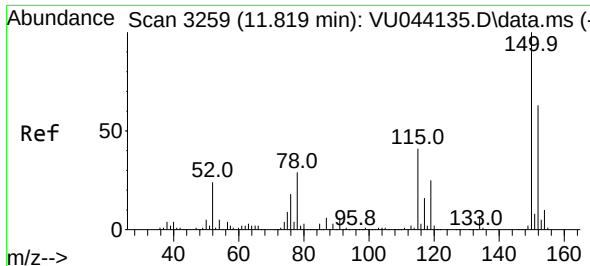
Tgt Ion: 95 Resp: 142906
Ion Ratio Lower Upper
95 100
174 74.6 0.0 144.4
176 70.8 0.0 138.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. -0.000 min
Lab File: VU044205.D
Acq: 15 Jun 2021 01:14

Tgt Ion: 117 Resp: 302597
Ion Ratio Lower Upper
117 100
82 59.8 48.8 73.2
119 32.8 25.0 37.6

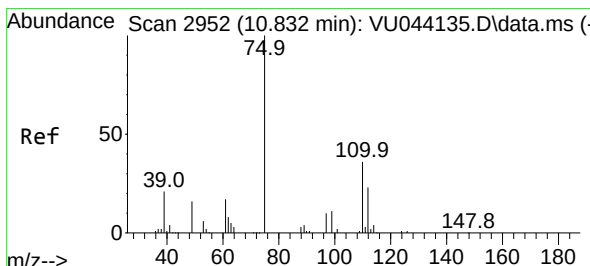
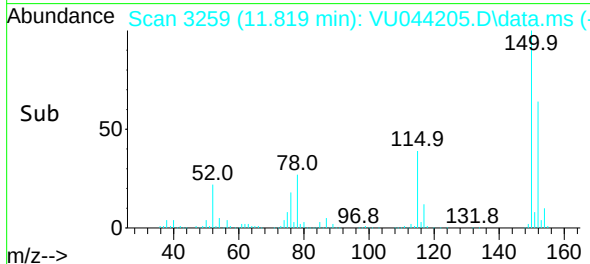
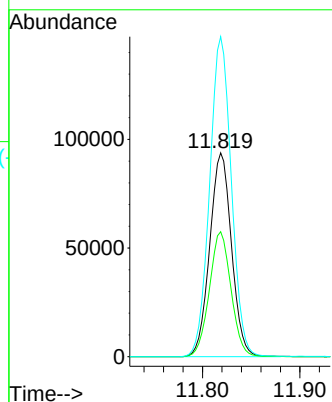
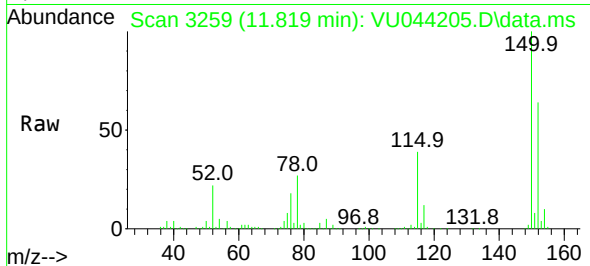




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU044205.D
 Acq: 15 Jun 2021 01:14

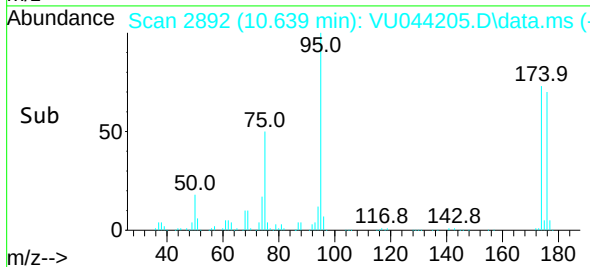
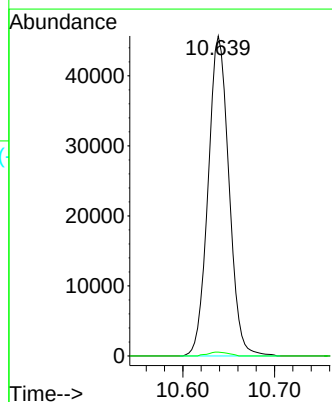
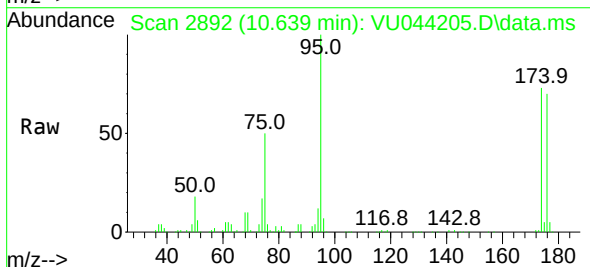
Instrument :
 MSVOA_U
 ClientSampled :

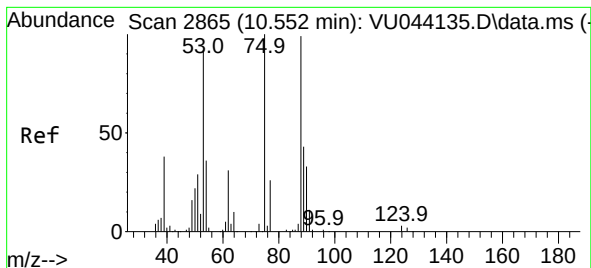
Tgt Ion:152 Resp: 145926
 Ion Ratio Lower Upper
 152 100
 115 60.8 43.8 131.3
 150 156.3 0.0 350.6



#76
 1,2,3-Trichloropropane
 Concen: 14.750 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.193 min
 Lab File: VU044205.D
 Acq: 15 Jun 2021 01:14

Tgt Ion: 75 Resp: 72164
 Ion Ratio Lower Upper
 75 100
 77 1.2 14.9 44.5#

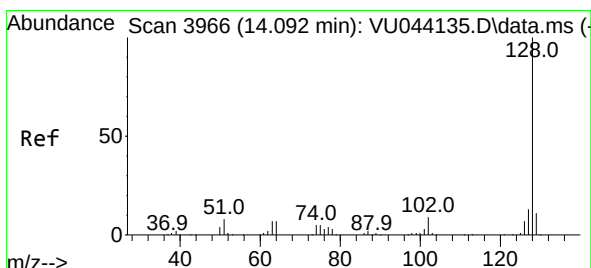
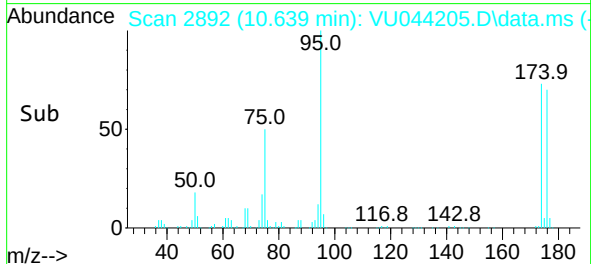
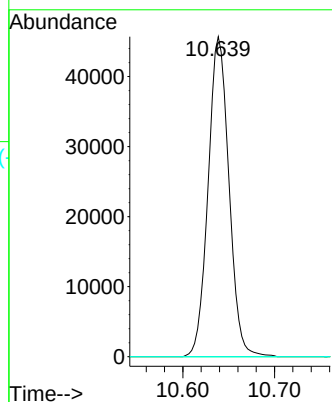
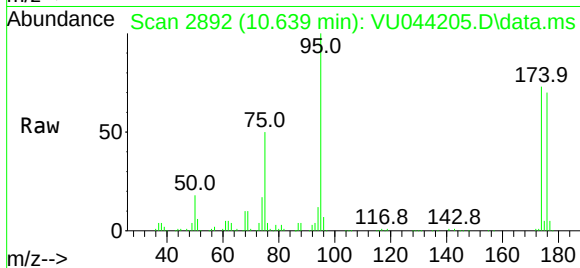




#81
trans-1,4-Dichloro-2-butene
Concen: 53.467 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.087 min
Lab File: VU044205.D
Acq: 15 Jun 2021 01:14

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 72164
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.2#
89 0.0 35.0 52.6#



#95
Naphthalene
Concen: 2.912 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. -0.000 min
Lab File: VU044205.D
Acq: 15 Jun 2021 01:14

Tgt Ion:128 Resp: 828
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

