

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061421\
 Data File : VU044214.D
 Acq On : 15 Jun 2021 04:43
 Operator : SY/MD
 Sample : M2687-20
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

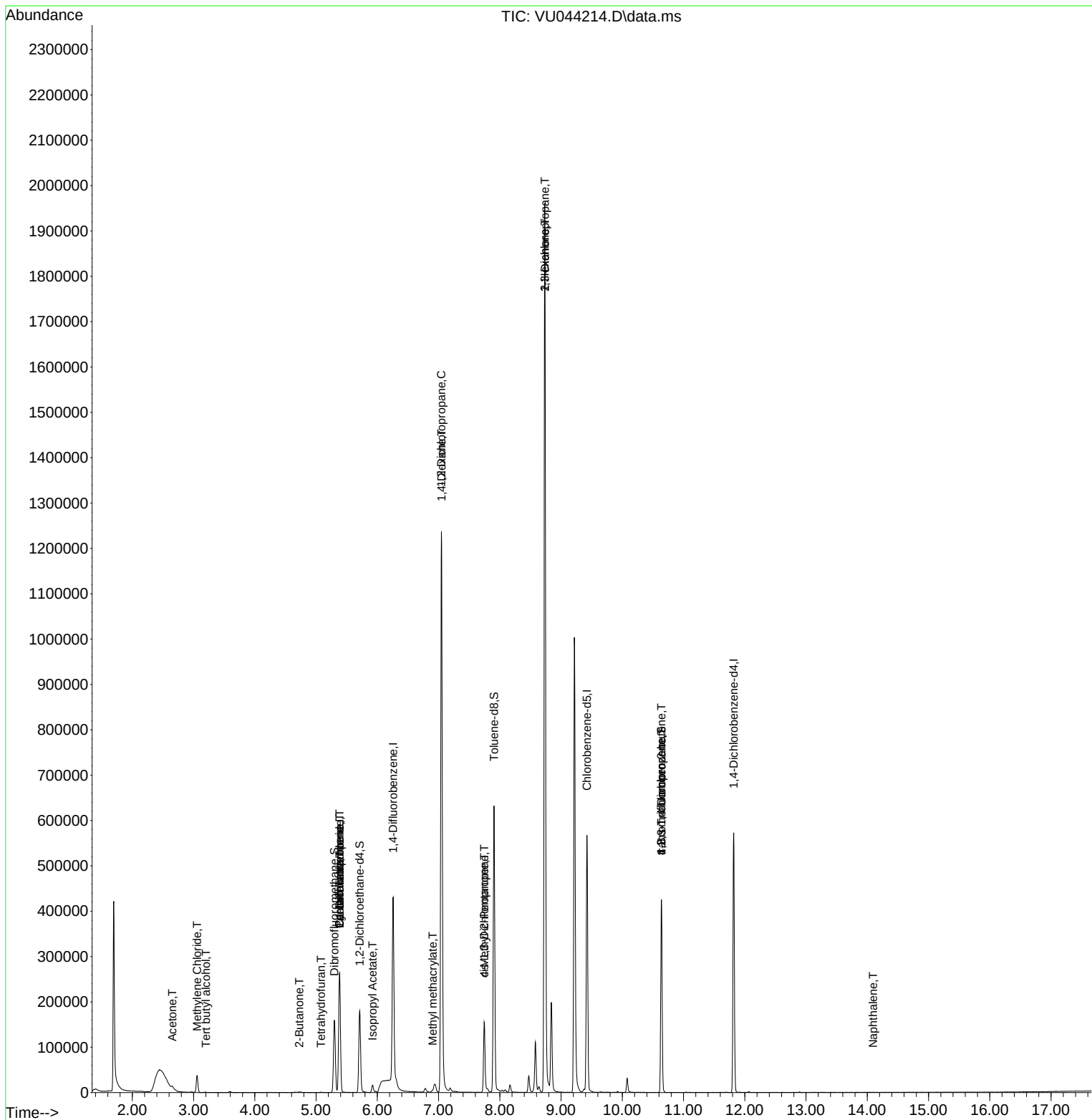
Quant Time: Jun 15 05:39:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U060921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 05:11:37 2021
 Response via : Initial Calibration

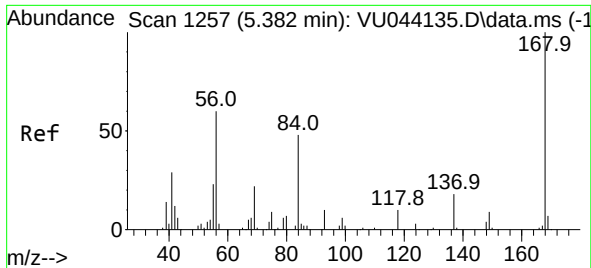
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.385	168	176852	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.259	114	324694	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	316337	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	149267	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	134236	47.730	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.460%	
35) Dibromofluoromethane	5.298	113	105326	46.632	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.260%	
50) Toluene-d8	7.906	98	412842	47.594	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.180%	
62) 4-Bromofluorobenzene	10.639	95	145778	41.936	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.880%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.526	50	290	Below Cal	#	41
6) Chloroethane	1.919	64	53	Below Cal	#	42
11) Tert butyl alcohol	3.202	59	254	0.336	ug/l #	73
13) Acrolein	2.497	56	89	Below Cal	#	15
16) Acetone	2.652	43	15246	8.430	ug/l	91
20) Methylene Chloride	3.057	84	18074	6.078	ug/l	99
25) 2-Butanone	4.726	43	1393	0.593	ug/l #	86
29) Tetrahydrofuran	5.083	42	478	0.375	ug/l #	64
31) Cyclohexane	5.385	56	3668	0.924	ug/l #	1
36) 1,1-Dichloropropene	5.385	75	15171	4.200	ug/l #	50
38) Carbon Tetrachloride	5.385	117	18554	5.689	ug/l #	16
43) Isopropyl Acetate	5.922	43	18013	2.935	ug/l	98
45) 1,2-Dichloropropane	7.047	63	1588	0.546	ug/l #	43
48) Methyl methacrylate	6.906	41	7340	2.458	ug/l #	11
49) 1,4-Dioxane	7.050	88	60	0.768	ug/l #	1
51) 4-Methyl-2-Pentanone	7.745	43	53541	12.053	ug/l #	45
54) cis-1,3-Dichloropropene	7.745	75	30411	6.985	ug/l #	64
57) 1,3-Dichloropropane	8.735	76	21938	4.640	ug/l #	42
59) 2-Hexanone	8.735	43	261641	73.802	ug/l #	49
76) 1,2,3-Trichloropropane	10.639	75	71868	14.360	ug/l #	47
81) trans-1,4-Dichloro-2-b...	10.639	75	71868	52.056	ug/l #	13
95) Naphthalene	14.095	128	198	2.854	ug/l #	69

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

Quant Time: Jun 15 05:39:05 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

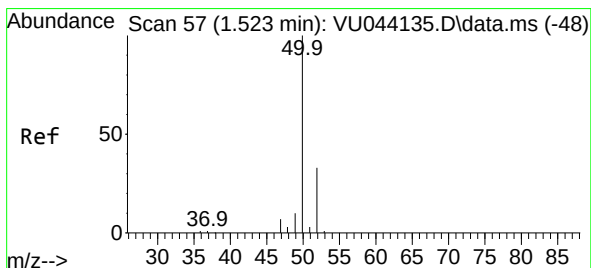
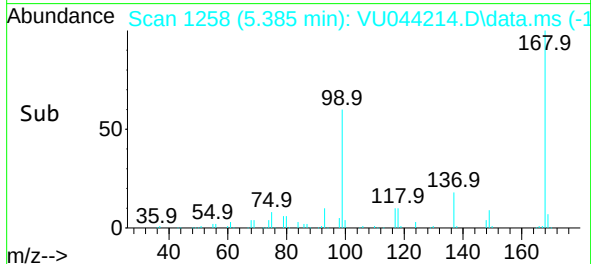
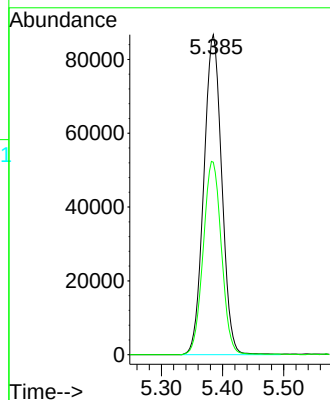
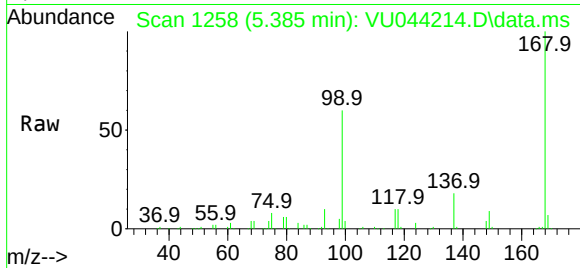




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. 0.003 min
Lab File: VU044214.D
Acq: 15 Jun 2021 04:43

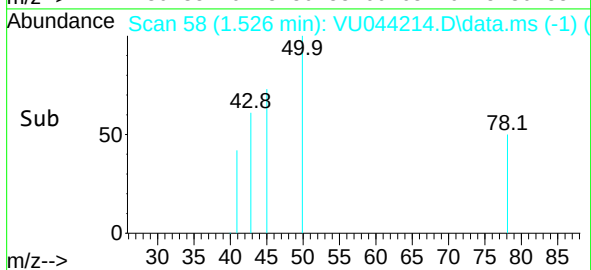
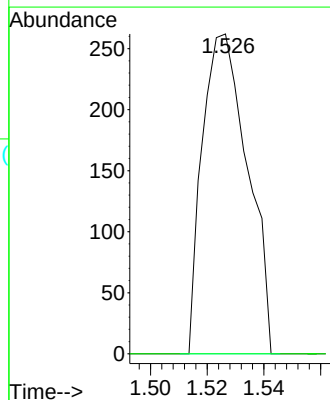
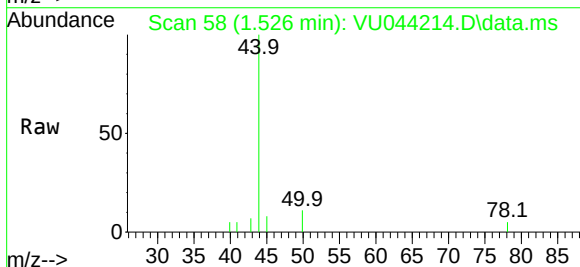
Instrument :
MSVOA_U
ClientSampled :

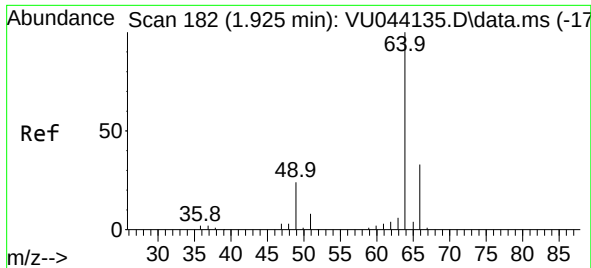
Tgt Ion:168 Resp: 176852
Ion Ratio Lower Upper
168 100
99 60.2 51.3 76.9



#3
Chloromethane
Concen: Below Cal
RT: 1.526 min Scan# 58
Delta R.T. 0.003 min
Lab File: VU044214.D
Acq: 15 Jun 2021 04:43

Tgt Ion: 50 Resp: 290
Ion Ratio Lower Upper
50 100
52 0.0 26.6 39.8#

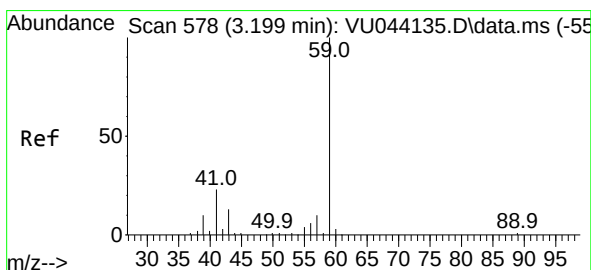
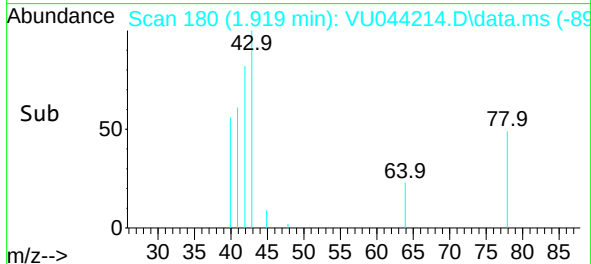
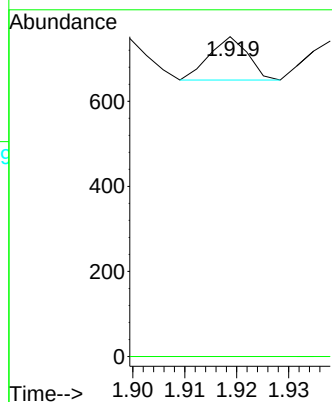
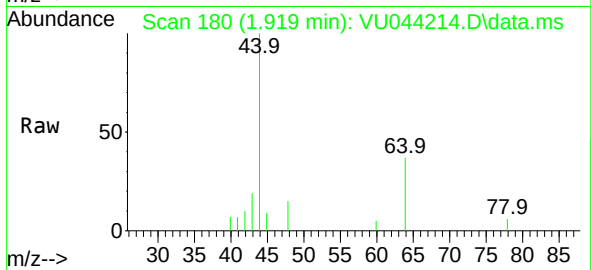




#6
Chloroethane
Concen: Below Cal
RT: 1.919 min Scan# 180
Delta R.T. -0.006 min
Lab File: VU044214.D
Acq: 15 Jun 2021 04:43

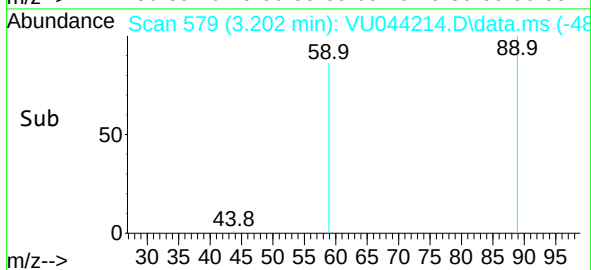
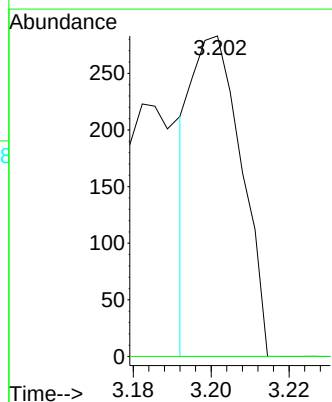
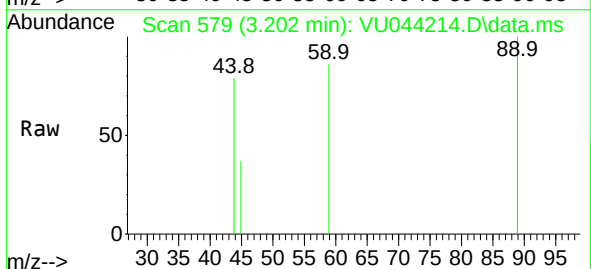
Instrument :
MSVOA_U
ClientSampleId :

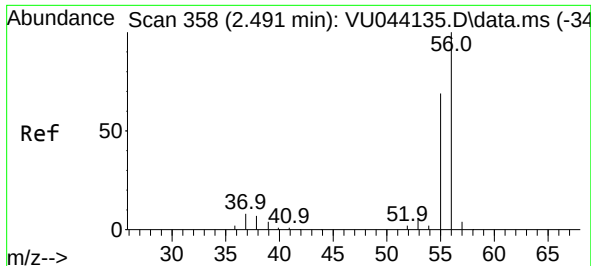
Tgt Ion: 64 Resp: 53
Ion Ratio Lower Upper
64 100
66 0.0 26.1 39.1#



#11
Tert butyl alcohol
Concen: 0.336 ug/l
RT: 3.202 min Scan# 579
Delta R.T. 0.003 min
Lab File: VU044214.D
Acq: 15 Jun 2021 04:43

Tgt Ion: 59 Resp: 254
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

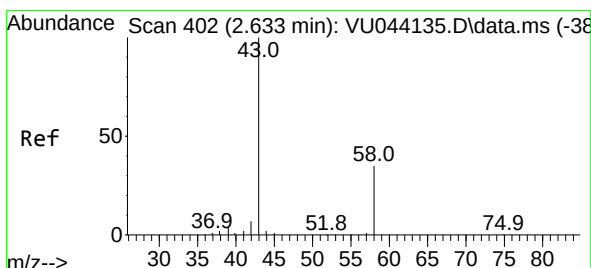
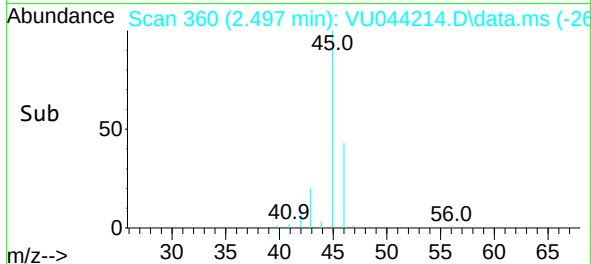
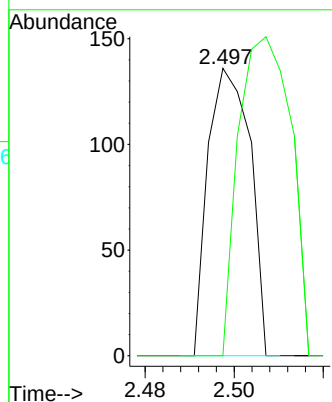
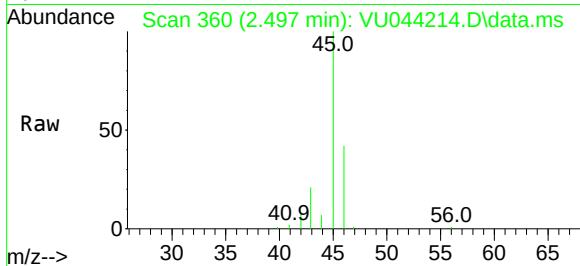




#13
Acrolein
Concen: Below Cal
RT: 2.497 min Scan# 360
Delta R.T. 0.006 min
Lab File: VU044214.D
Acq: 15 Jun 2021 04:43

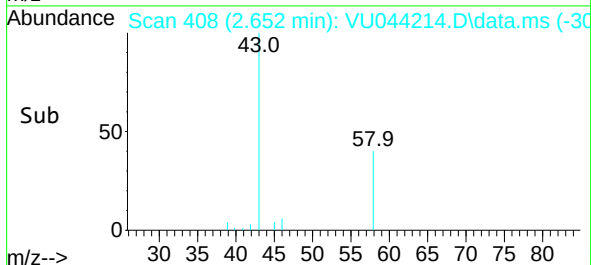
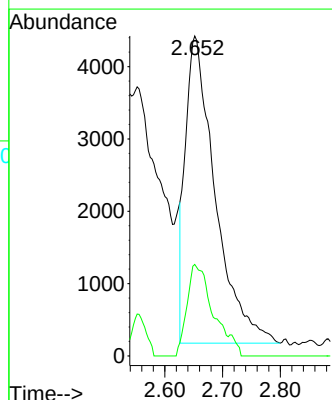
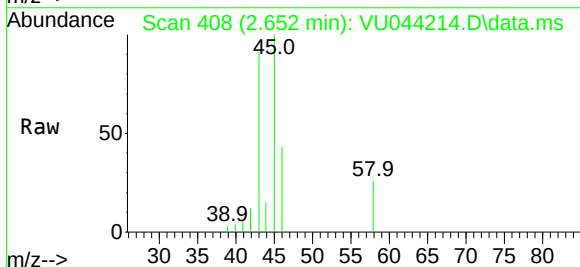
Instrument :
MSVOA_U
ClientSampleId :

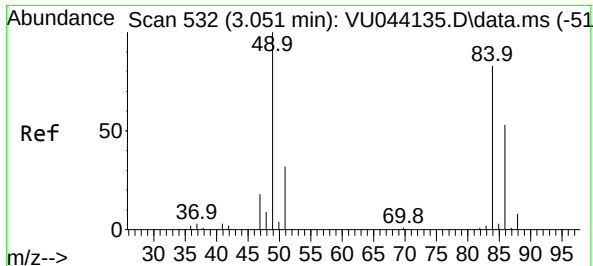
Tgt Ion: 56 Resp: 89
Ion Ratio Lower Upper
56 100
55 138.2 55.1 82.7#



#16
Acetone
Concen: 8.430 ug/l
RT: 2.652 min Scan# 408
Delta R.T. 0.019 min
Lab File: VU044214.D
Acq: 15 Jun 2021 04:43

Tgt Ion: 43 Resp: 15246
Ion Ratio Lower Upper
43 100
58 29.8 28.0 42.0



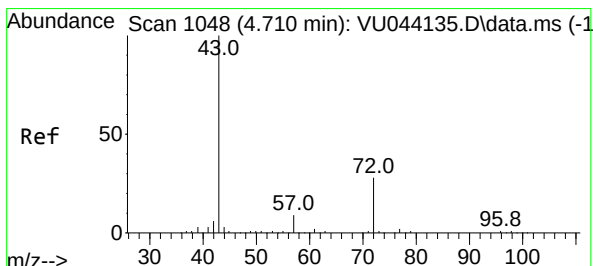
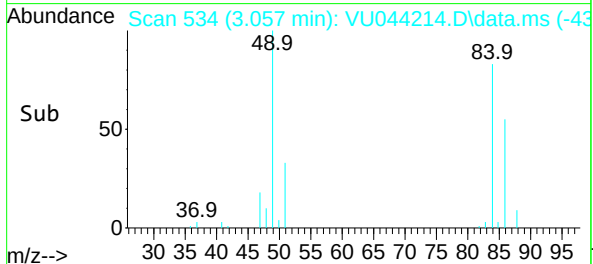
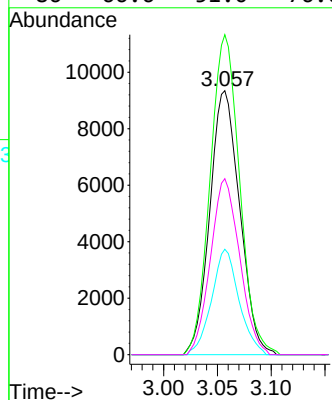
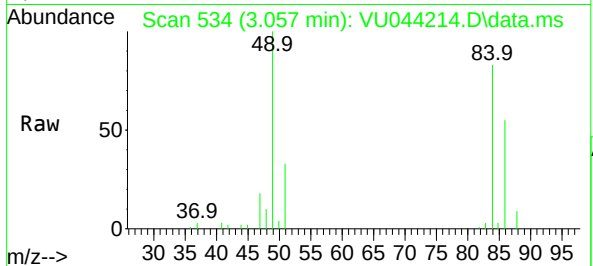


#20
Methylene Chloride
Concen: 6.078 ug/l
RT: 3.057 min Scan# 534
Delta R.T. 0.006 min
Lab File: VU044214.D
Acq: 15 Jun 2021 04:43

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 84 Resp: 18074

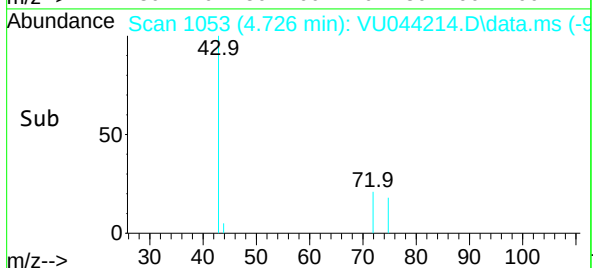
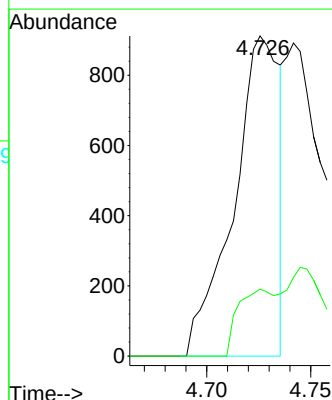
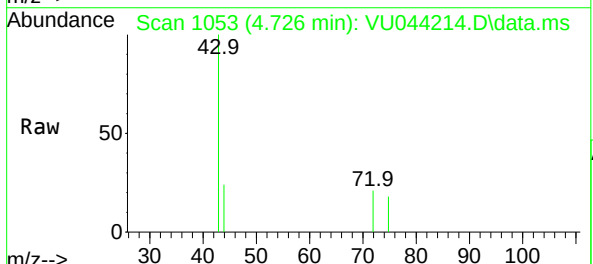
Ion	Ratio	Lower	Upper
84	100		
49	121.2	96.9	145.3
51	39.9	31.0	46.6
86	66.6	51.0	76.6

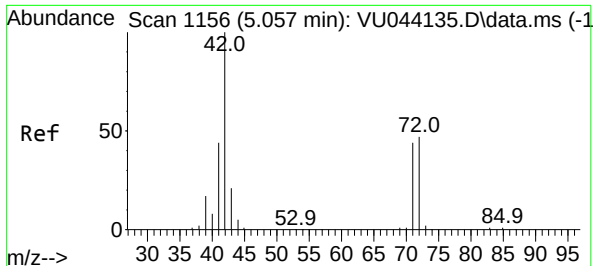


#25
2-Butanone
Concen: 0.593 ug/l
RT: 4.726 min Scan# 1053
Delta R.T. 0.016 min
Lab File: VU044214.D
Acq: 15 Jun 2021 04:43

Tgt Ion: 43 Resp: 1393

Ion	Ratio	Lower	Upper
43	100		
72	20.9	22.6	33.8#





#29

Tetrahydrofuran

Concen: 0.375 ug/l

RT: 5.083 min Scan# 1164

Delta R.T. 0.026 min

Lab File: VU044214.D

Acq: 15 Jun 2021 04:43

Tgt Ion: 42 Resp: 478

Ion Ratio Lower Upper

42 100

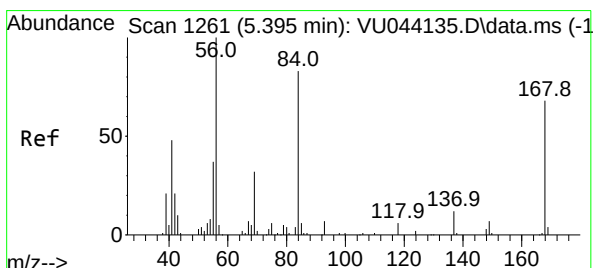
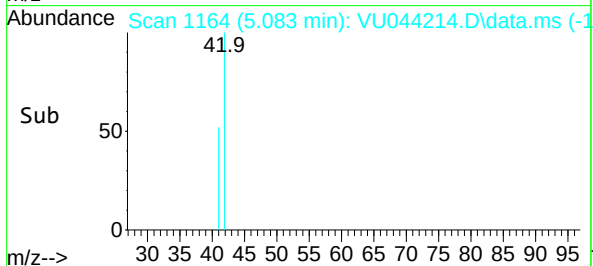
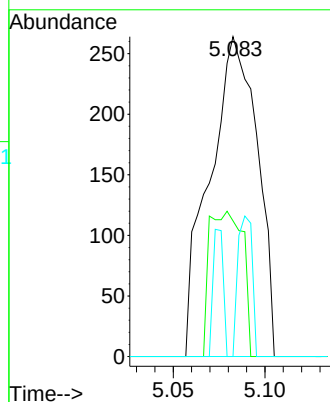
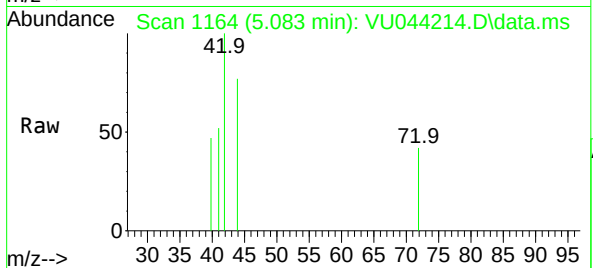
72 31.6 38.6 57.8#

71 13.2 35.5 53.3#

Instrument :

MSVOA_U

ClientSampleId :



#31

Cyclohexane

Concen: 0.924 ug/l

RT: 5.385 min Scan# 1258

Delta R.T. -0.010 min

Lab File: VU044214.D

Acq: 15 Jun 2021 04:43

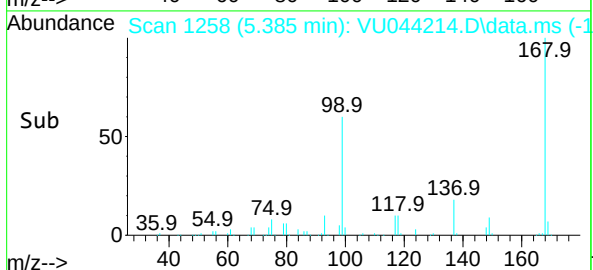
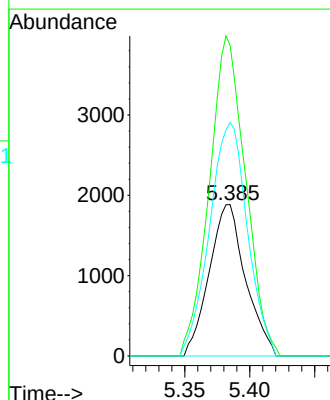
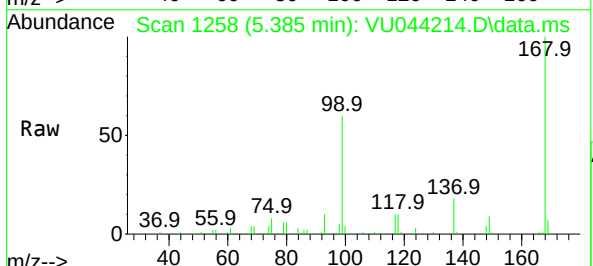
Tgt Ion: 56 Resp: 3668

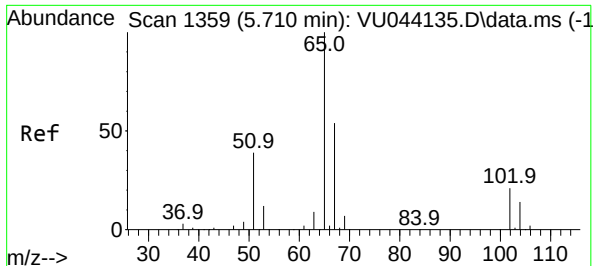
Ion Ratio Lower Upper

56 100

69 205.4 25.5 38.3#

84 154.2 66.3 99.5#



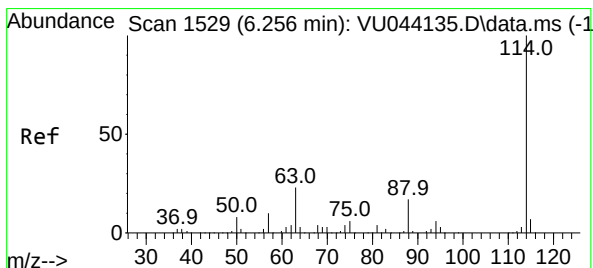
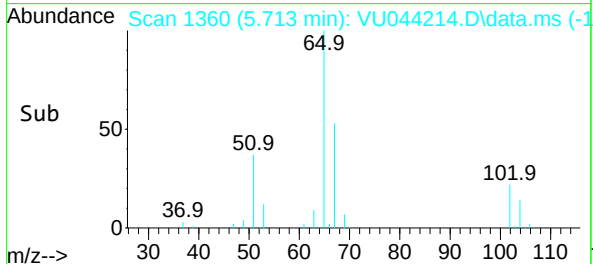
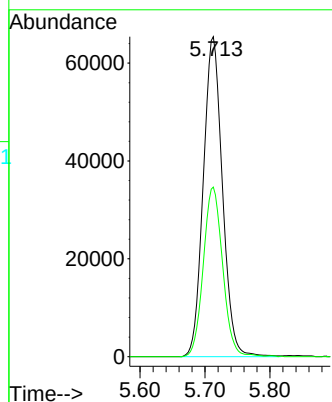
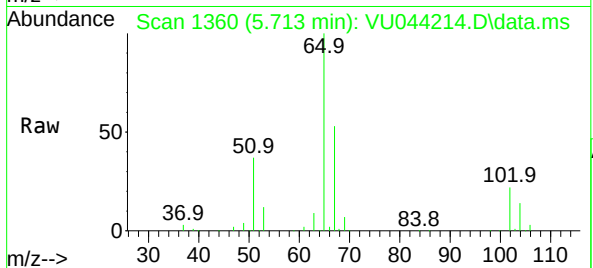


#33

1,2-Dichloroethane-d4
Concen: 47.730 ug/l
RT: 5.713 min Scan# 1360
Delta R.T. 0.003 min
Lab File: VU044214.D
Acq: 15 Jun 2021 04:43

Instrument :
MSVOA_U
ClientSampled :

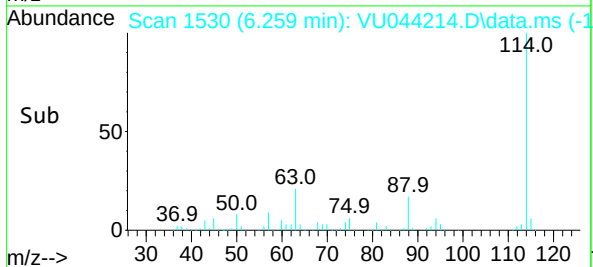
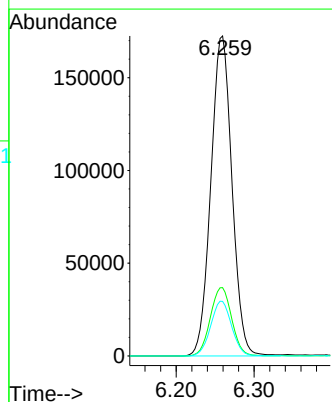
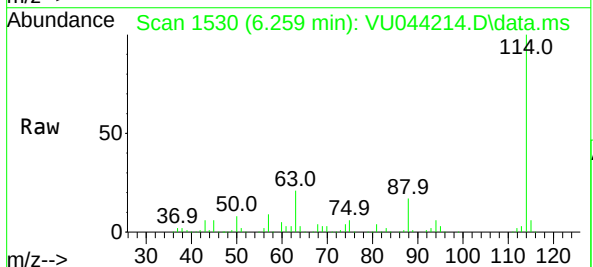
Tgt Ion: 65 Resp: 134236
Ion Ratio Lower Upper
65 100
67 53.5 0.0 106.6

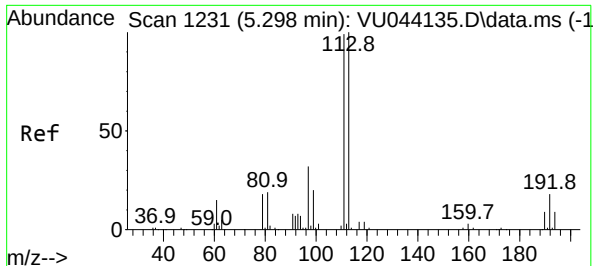


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.259 min Scan# 1530
Delta R.T. 0.003 min
Lab File: VU044214.D
Acq: 15 Jun 2021 04:43

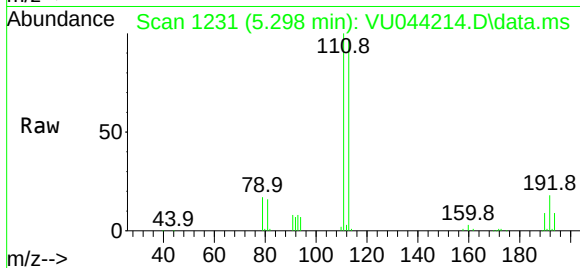
Tgt Ion: 114 Resp: 324694
Ion Ratio Lower Upper
114 100
63 21.4 0.0 45.8
88 17.0 0.0 34.0



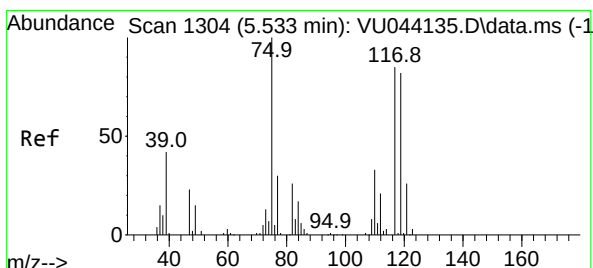
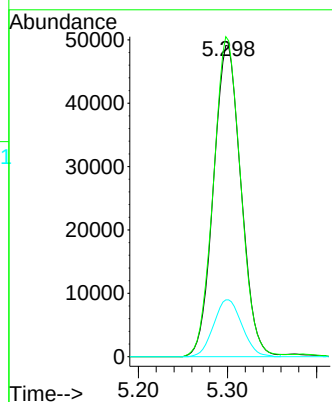
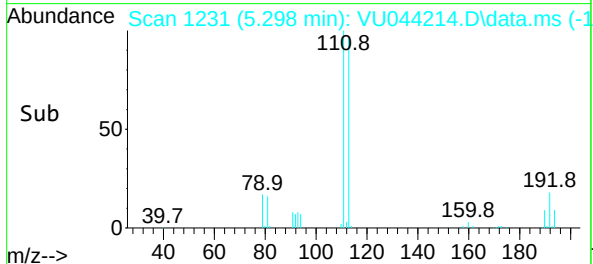


#35
Dibromofluoromethane
Concen: 46.632 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU044214.D
Acq: 15 Jun 2021 04:43

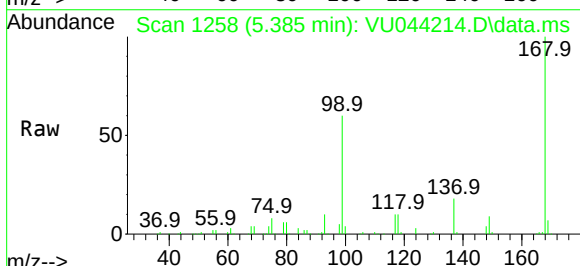
Instrument :
MSVOA_U
ClientSampleId :



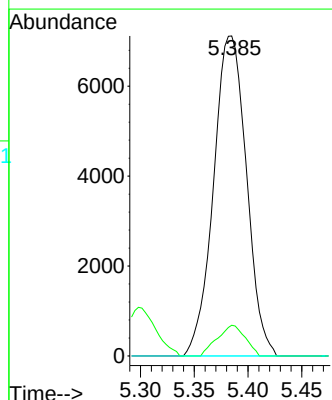
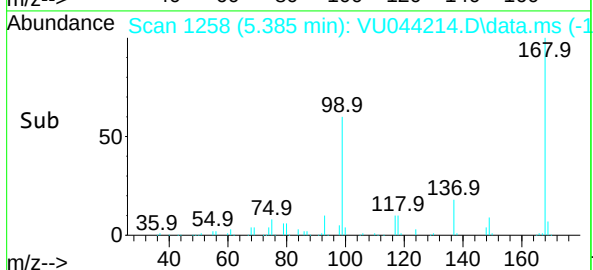
Tgt Ion:113 Resp: 105326
Ion Ratio Lower Upper
113 100
111 101.6 81.0 121.4
192 18.9 14.3 21.5

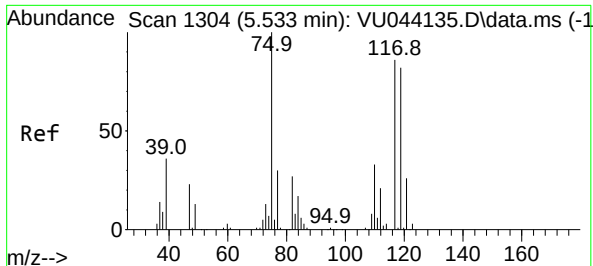


#36
1,1-Dichloropropene
Concen: 4.200 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.148 min
Lab File: VU044214.D
Acq: 15 Jun 2021 04:43



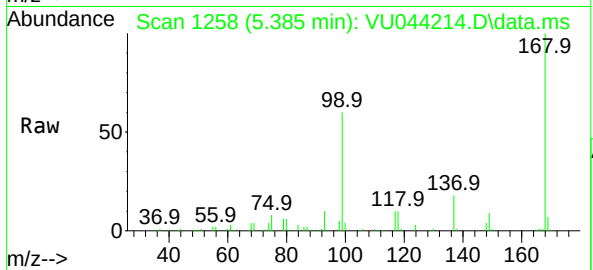
Tgt Ion: 75 Resp: 15171
Ion Ratio Lower Upper
75 100
110 8.1 16.4 49.4#
77 0.0 24.7 37.1#



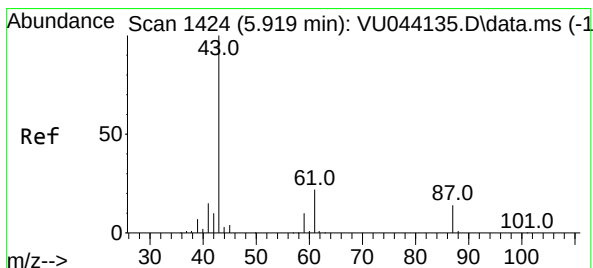
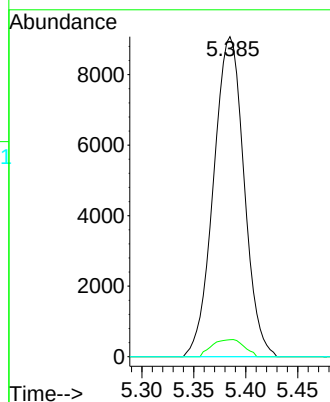
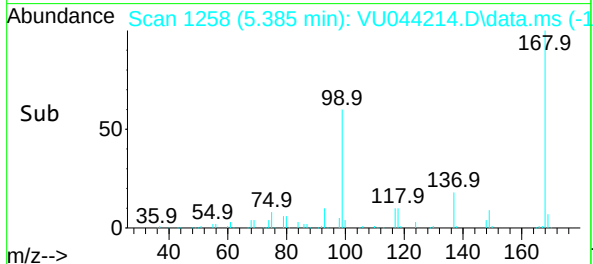


#38
Carbon Tetrachloride
Concen: 5.689 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.148 min
Lab File: VU044214.D
Acq: 15 Jun 2021 04:43

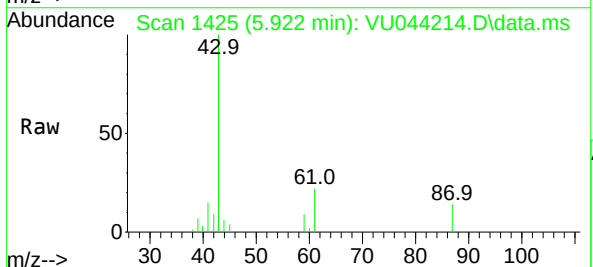
Instrument :
MSVOA_U
ClientSampled :



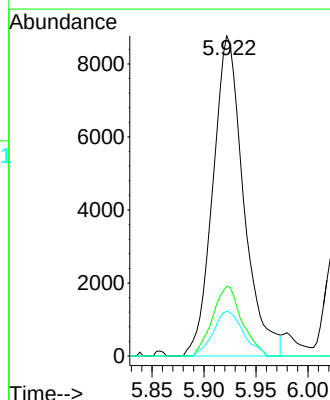
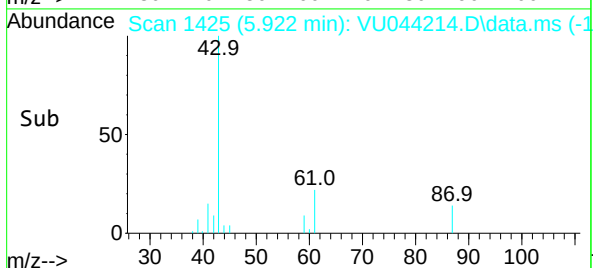
Tgt Ion:117 Resp: 18554
Ion Ratio Lower Upper
117 100
119 5.3 76.6 114.8#
121 0.0 24.6 36.8#

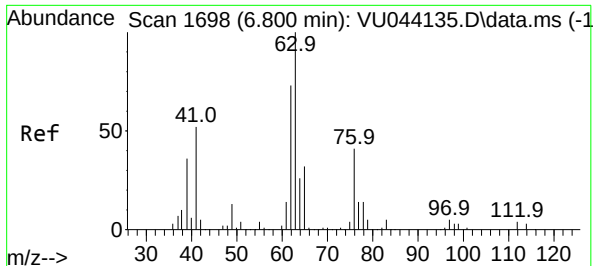


#43
Isopropyl Acetate
Concen: 2.935 ug/l
RT: 5.922 min Scan# 1425
Delta R.T. 0.003 min
Lab File: VU044214.D
Acq: 15 Jun 2021 04:43



Tgt Ion: 43 Resp: 18013
Ion Ratio Lower Upper
43 100
61 20.7 17.8 26.8
87 13.7 11.1 16.7



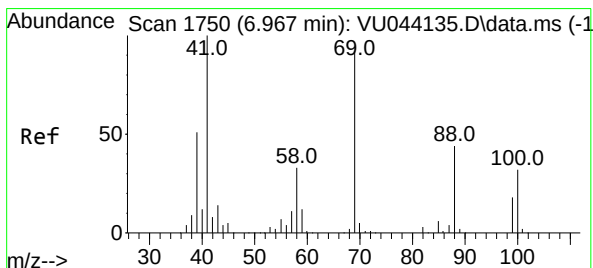
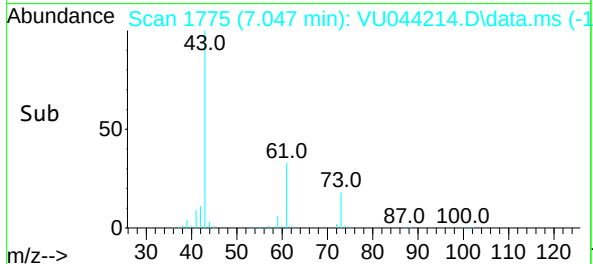
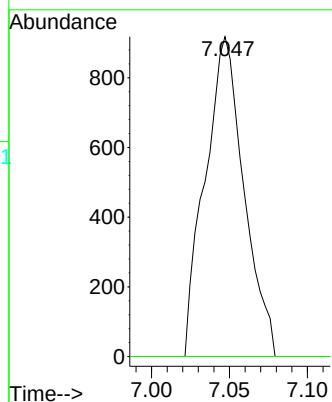
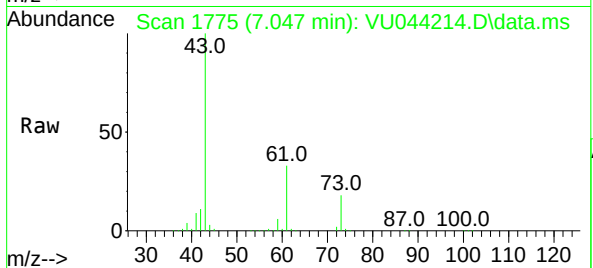


#45

1,2-Dichloropropane
Concen: 0.546 ug/l
RT: 7.047 min Scan# 1775
Delta R.T. 0.247 min
Lab File: VU044214.D
Acq: 15 Jun 2021 04:43

Instrument :
MSVOA_U
ClientSampled :

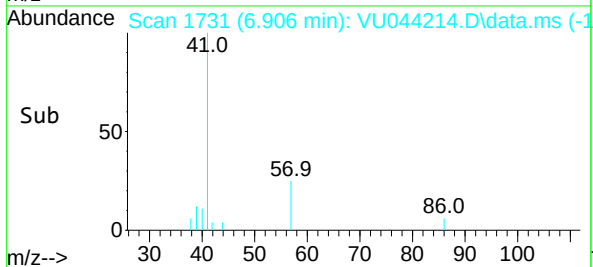
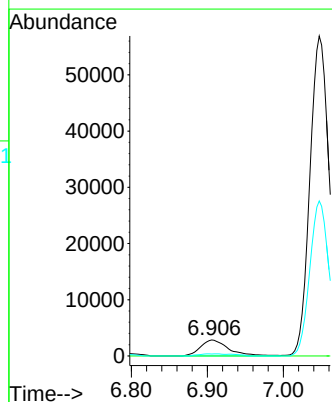
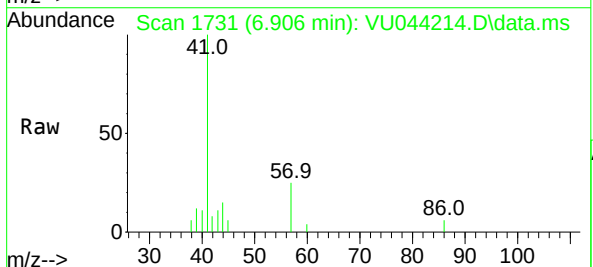
Tgt Ion: 63 Resp: 1588
Ion Ratio Lower Upper
63 100
65 0.0 25.7 38.5#

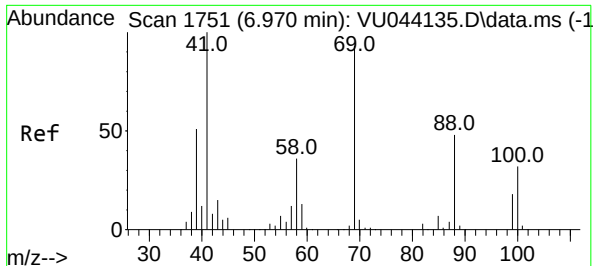


#48

Methyl methacrylate
Concen: 2.458 ug/l
RT: 6.906 min Scan# 1731
Delta R.T. -0.061 min
Lab File: VU044214.D
Acq: 15 Jun 2021 04:43

Tgt Ion: 41 Resp: 7340
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: 0.768 ug/l

RT: 7.050 min Scan# 1776

Delta R.T. 0.080 min

Lab File: VU044214.D

Acq: 15 Jun 2021 04:43

Tgt Ion: 88 Resp: 60

Ion Ratio Lower Upper

88 100

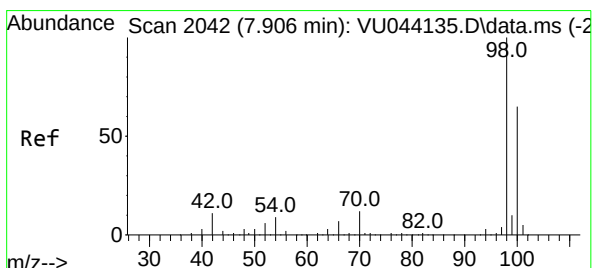
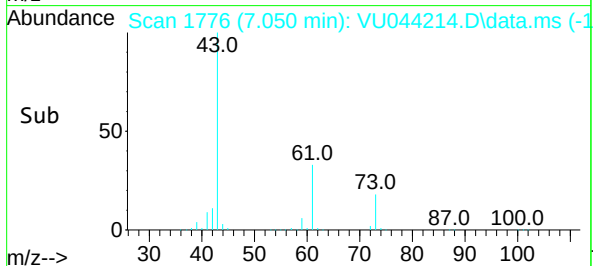
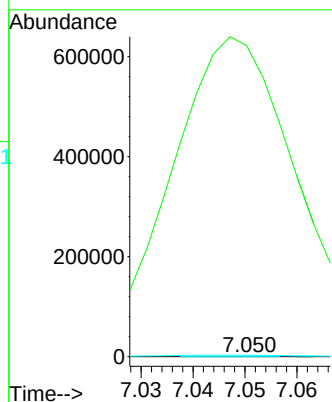
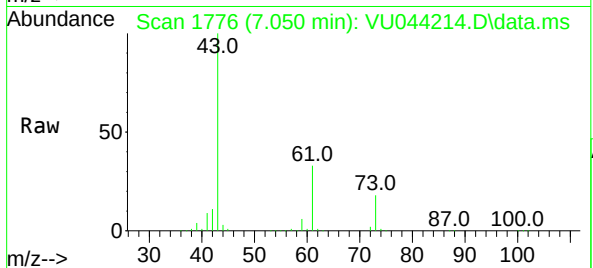
43 1919855.0 23.4 35.0#

58 10266.7 58.1 87.1#

Instrument :

MSVOA_U

ClientSampled :



#50

Toluene-d8

Concen: 47.594 ug/l

RT: 7.906 min Scan# 2042

Delta R.T. -0.000 min

Lab File: VU044214.D

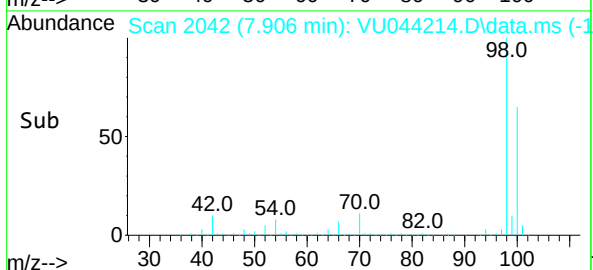
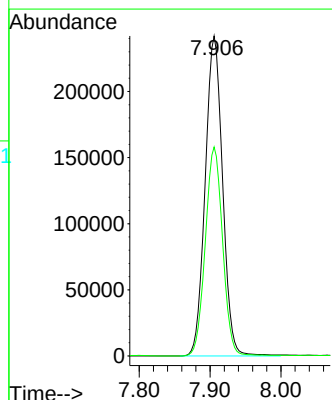
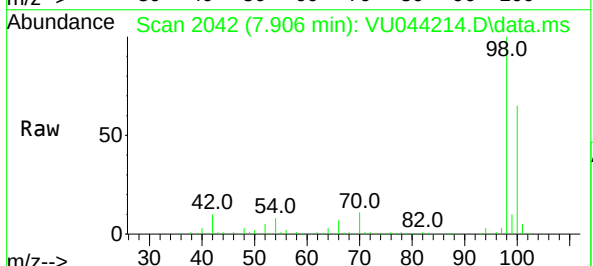
Acq: 15 Jun 2021 04:43

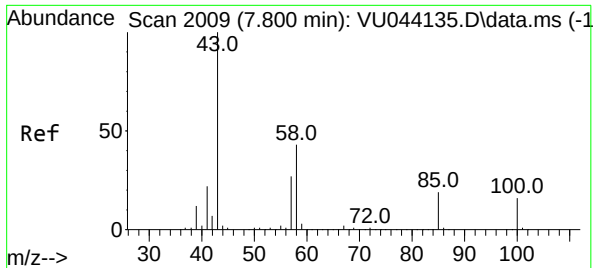
Tgt Ion: 98 Resp: 412842

Ion Ratio Lower Upper

98 100

100 65.2 52.2 78.4

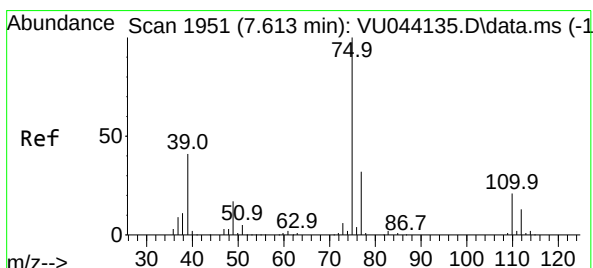
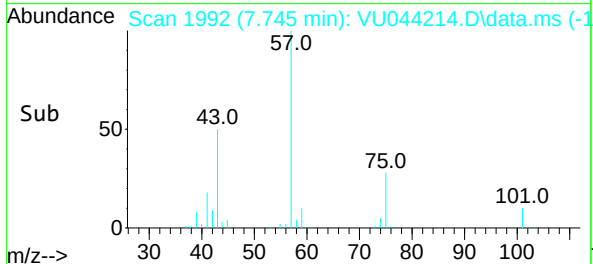
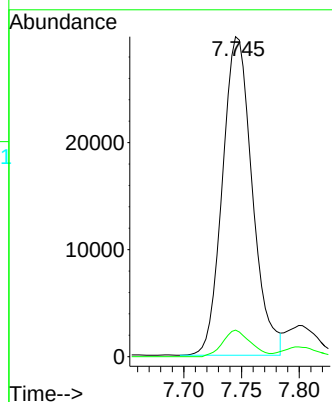
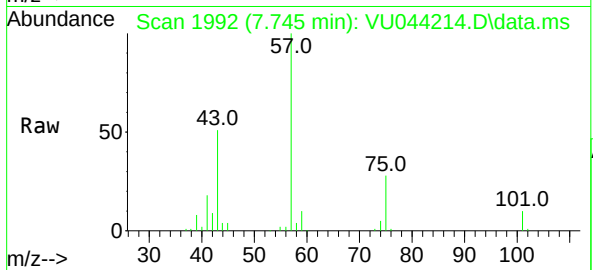




#51
4-Methyl-2-Pentanone
Concen: 12.053 ug/l
RT: 7.745 min Scan# 1992
Delta R.T. -0.055 min
Lab File: VU044214.D
Acq: 15 Jun 2021 04:43

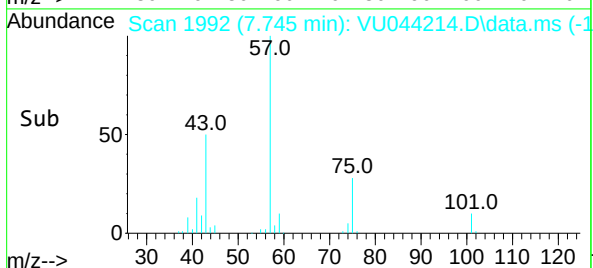
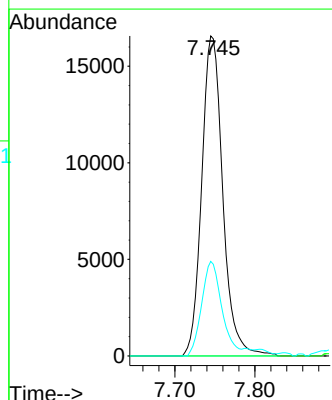
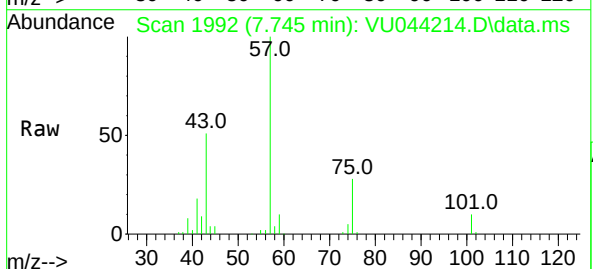
Instrument :
MSVOA_U
ClientSampleId :

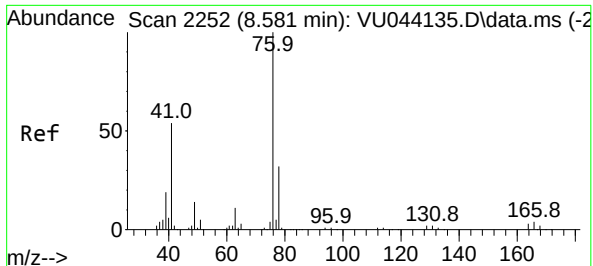
Tgt Ion: 43 Resp: 53541
Ion Ratio Lower Upper
43 100
58 7.9 34.5 51.7#



#54
cis-1,3-Dichloropropene
Concen: 6.985 ug/l
RT: 7.745 min Scan# 1992
Delta R.T. 0.132 min
Lab File: VU044214.D
Acq: 15 Jun 2021 04:43

Tgt Ion: 75 Resp: 30411
Ion Ratio Lower Upper
75 100
77 0.0 25.9 38.9#
39 29.5 33.2 49.8#



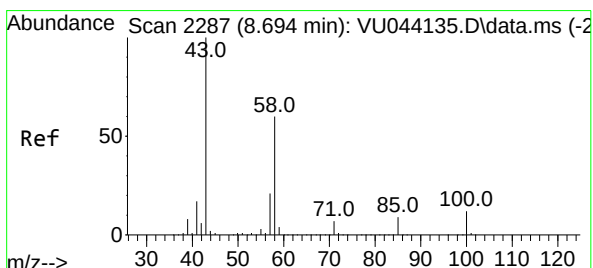
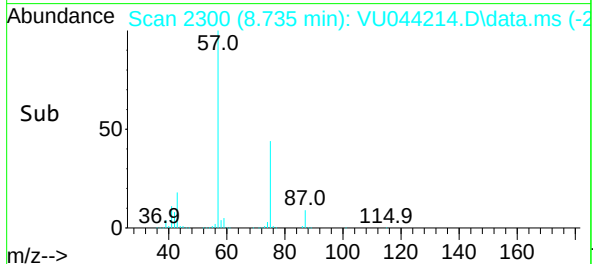
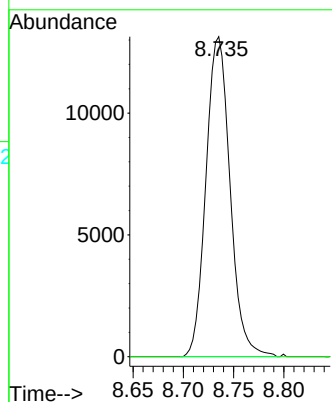
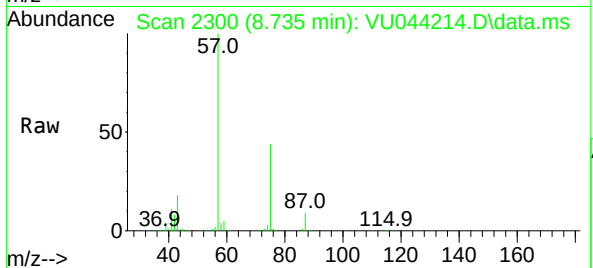


#57

1,3-Dichloropropane
Concen: 4.640 ug/l
RT: 8.735 min Scan# 2300
Delta R.T. 0.154 min
Lab File: VU044214.D
Acq: 15 Jun 2021 04:43

Instrument :
MSVOA_U
ClientSampled :

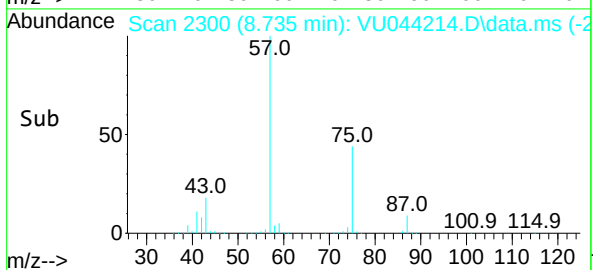
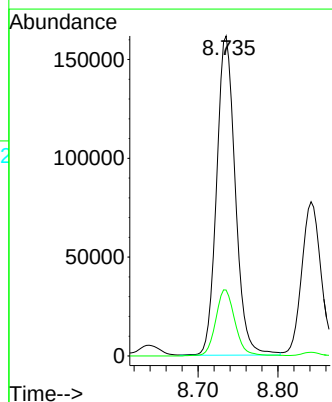
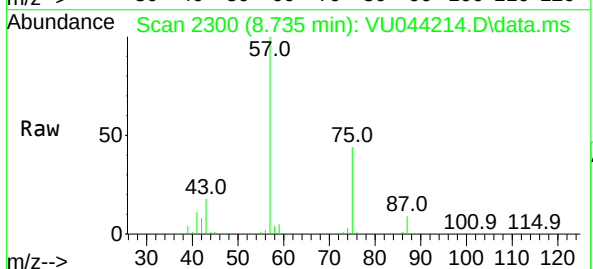
Tgt Ion: 76 Resp: 21938
Ion Ratio Lower Upper
76 100
78 0.0 25.9 38.9#

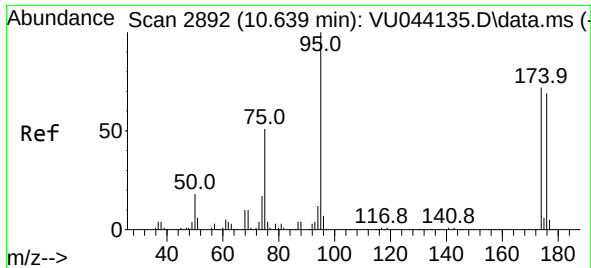


#59

2-Hexanone
Concen: 73.802 ug/l
RT: 8.735 min Scan# 2300
Delta R.T. 0.041 min
Lab File: VU044214.D
Acq: 15 Jun 2021 04:43

Tgt Ion: 43 Resp: 261641
Ion Ratio Lower Upper
43 100
58 21.6 30.0 90.1#

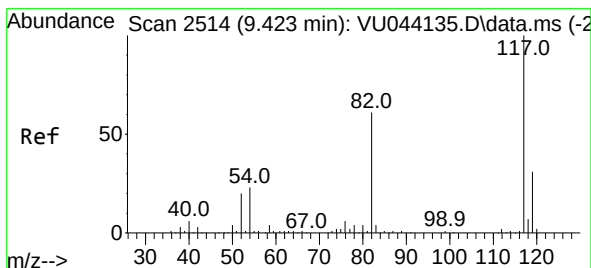
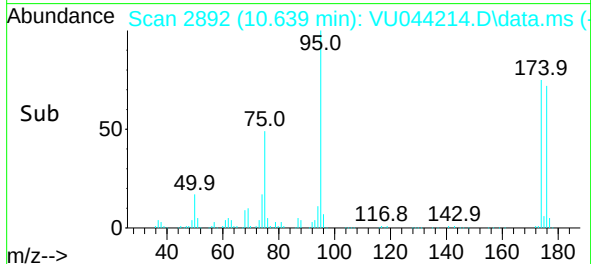
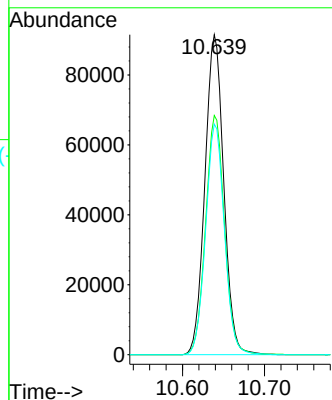
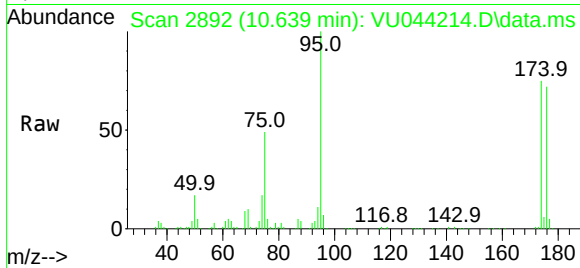




#62
4-Bromofluorobenzene
Concen: 41.936 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU044214.D
Acq: 15 Jun 2021 04:43

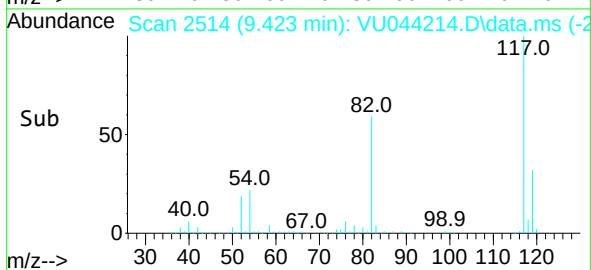
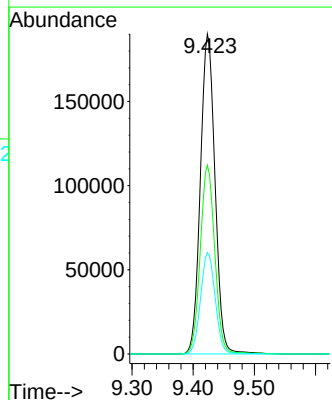
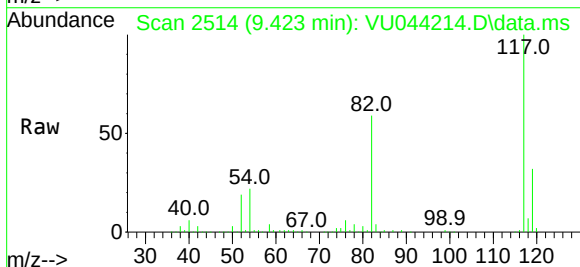
Instrument :
MSVOA_U
ClientSampleId :

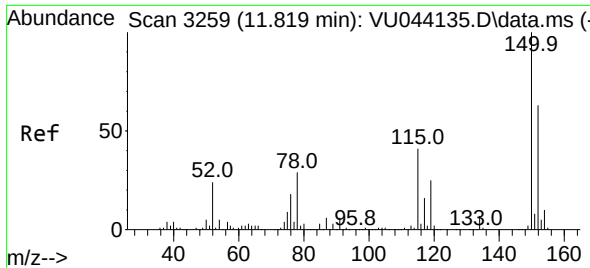
Tgt Ion: 95 Resp: 145778
Ion Ratio Lower Upper
95 100
174 75.3 0.0 144.4
176 71.9 0.0 138.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. -0.000 min
Lab File: VU044214.D
Acq: 15 Jun 2021 04:43

Tgt Ion: 117 Resp: 316337
Ion Ratio Lower Upper
117 100
82 59.0 48.8 73.2
119 31.7 25.0 37.6

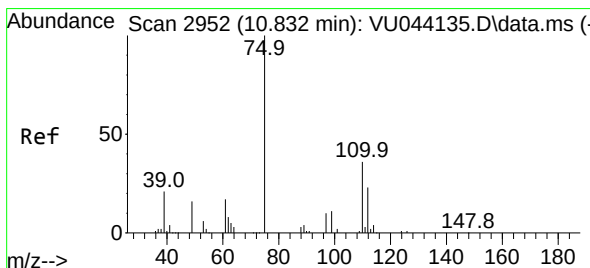
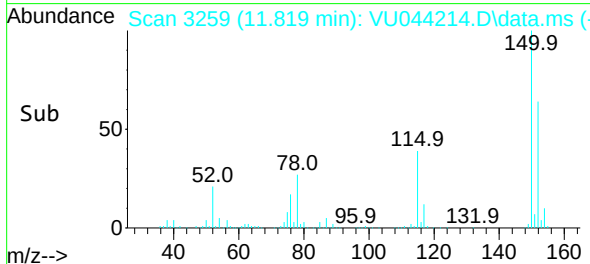
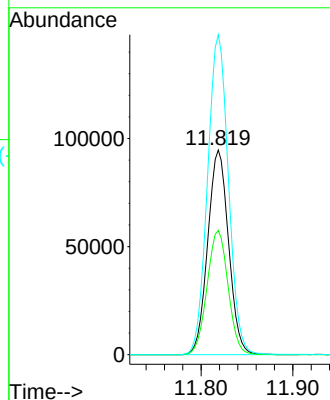
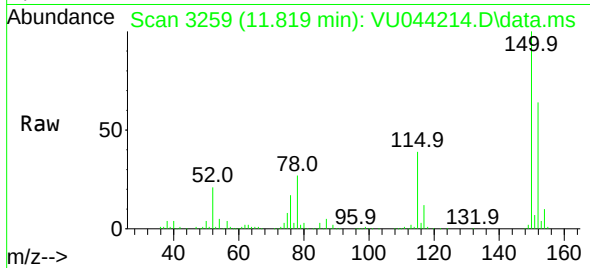




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU044214.D
 Acq: 15 Jun 2021 04:43

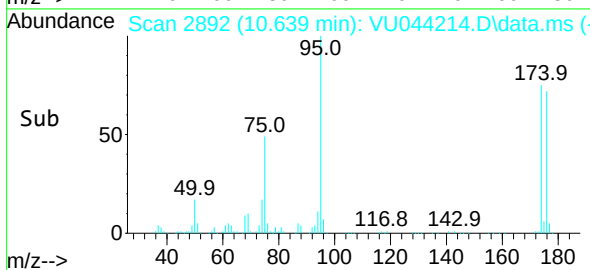
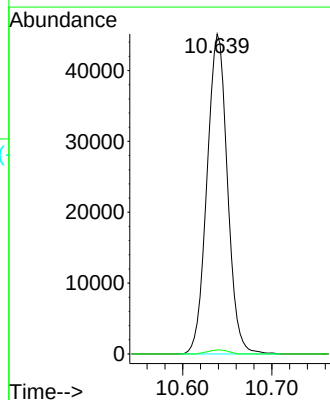
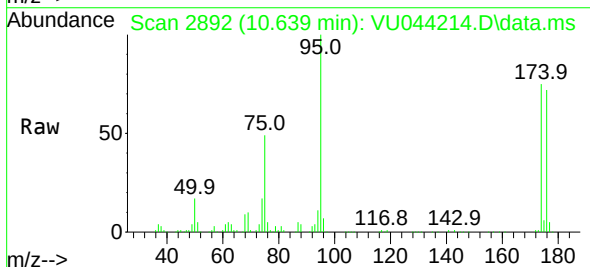
Instrument :
 MSVOA_U
 ClientSampled :

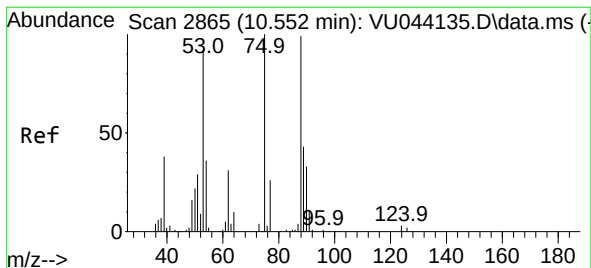
Tgt Ion:152 Resp: 149267
 Ion Ratio Lower Upper
 152 100
 115 61.2 43.8 131.3
 150 156.8 0.0 350.6



#76
 1,2,3-Trichloropropane
 Concen: 14.360 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.193 min
 Lab File: VU044214.D
 Acq: 15 Jun 2021 04:43

Tgt Ion: 75 Resp: 71868
 Ion Ratio Lower Upper
 75 100
 77 1.3 14.9 44.5#

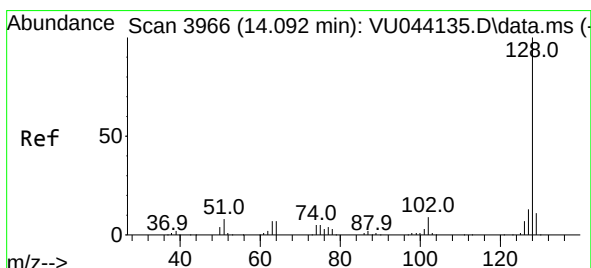
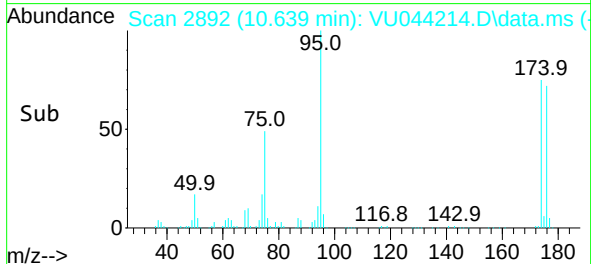
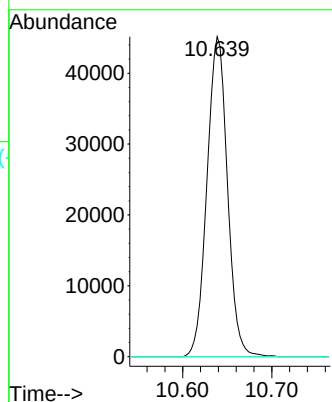
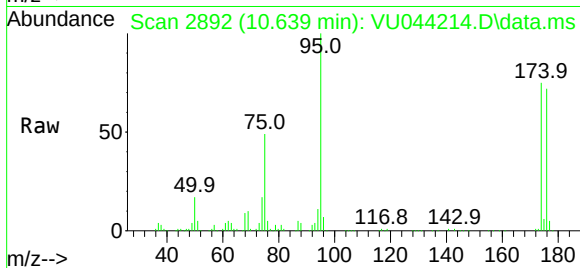




#81
trans-1,4-Dichloro-2-butene
Concen: 52.056 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.087 min
Lab File: VU044214.D
Acq: 15 Jun 2021 04:43

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 75 Resp: 71868
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.2#
89 0.0 35.0 52.6#



#95
Naphthalene
Concen: 2.854 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU044214.D
Acq: 15 Jun 2021 04:43

Tgt Ion:128 Resp: 198
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

