

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061421\
 Data File : VU044207.D
 Acq On : 15 Jun 2021 02:00
 Operator : SY/MD
 Sample : M2687-13
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 15 05:00:22 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)

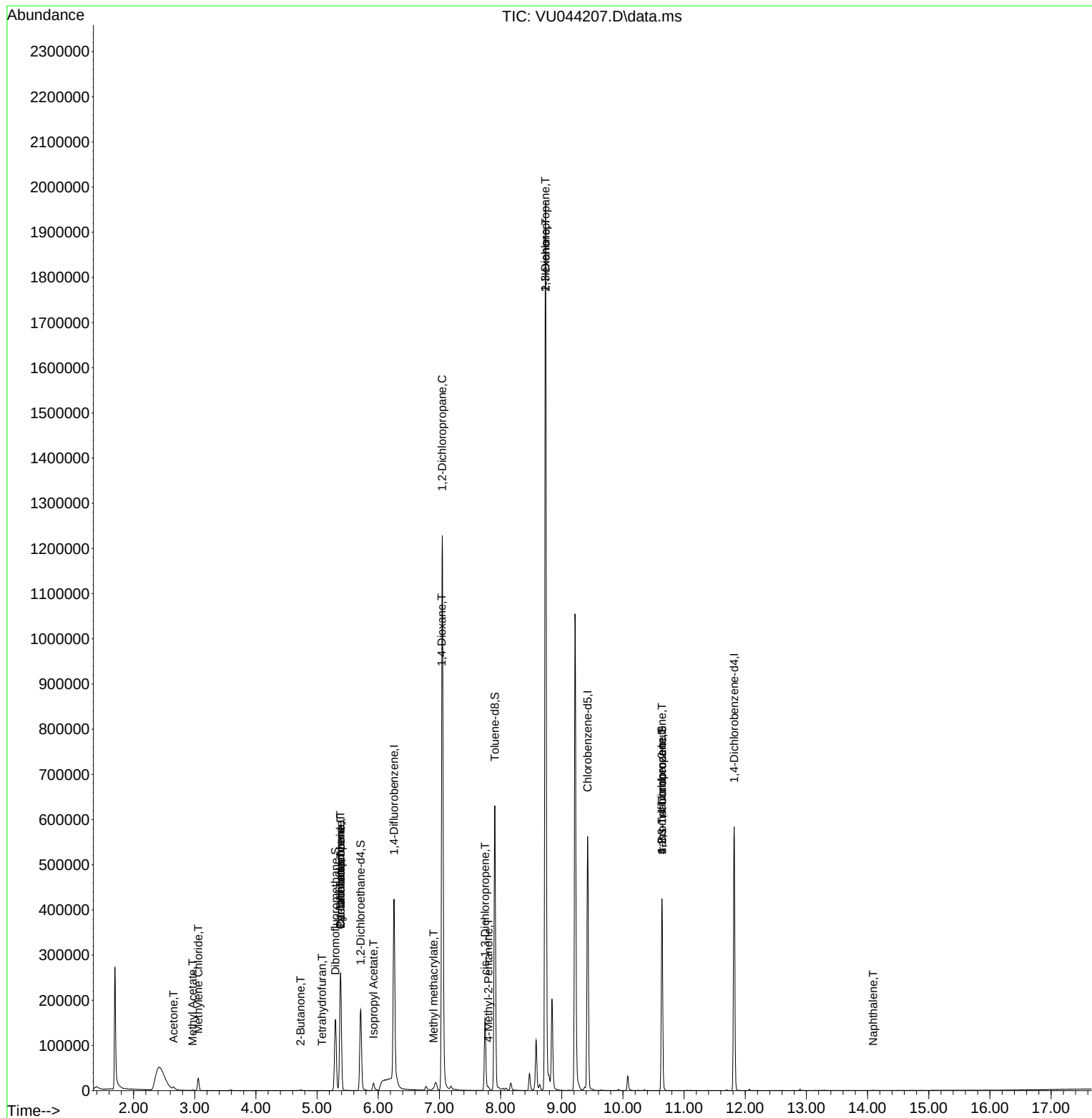
Internal Standards						
1) Pentafluorobenzene	5.385	168	172971	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.259	114	318074	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	309862	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	148155	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	133536	48.547	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.100%	
35) Dibromofluoromethane	5.298	113	103516	46.785	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.560%	
50) Toluene-d8	7.906	98	408172	48.035	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.060%	
62) 4-Bromofluorobenzene	10.639	95	144355	42.390	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.780%	
Target Compounds					Qvalue	
3) Chloromethane	1.526	50	229	Below Cal	#	68
6) Chloroethane	1.977	64	191	Below Cal	#	42
13) Acrolein	2.497	56	88	Below Cal	#	15
16) Acetone	2.652	43	10310	5.162	ug/l	95
18) Methyl Acetate	2.964	43	1471	0.416	ug/l #	72
20) Methylene Chloride	3.057	84	13253	4.249	ug/l	96
25) 2-Butanone	4.729	43	1358	0.591	ug/l	99
29) Tetrahydrofuran	5.083	42	408	0.327	ug/l #	47
31) Cyclohexane	5.385	56	3641	0.938	ug/l #	1
36) 1,1-Dichloropropene	5.385	75	14981	4.233	ug/l #	50
38) Carbon Tetrachloride	5.382	117	18328	5.737	ug/l #	16
43) Isopropyl Acetate	5.922	43	18773	3.122	ug/l	96
45) 1,2-Dichloropropane	7.047	63	1574	0.553	ug/l #	43
48) Methyl methacrylate	6.906	41	7033	2.404	ug/l #	11
49) 1,4-Dioxane	7.037	88	42	0.549	ug/l #	22
51) 4-Methyl-2-Pentanone	7.800	43	4247	0.976	ug/l	100
54) cis-1,3-Dichloropropene	7.748	75	31524	7.392	ug/l #	63
57) 1,3-Dichloropropane	8.732	76	21783	4.703	ug/l #	42
59) 2-Hexanone	8.735	43	269337	77.554	ug/l #	48
76) 1,2,3-Trichloropropane	10.639	75	72270	14.549	ug/l #	47
81) trans-1,4-Dichloro-2-b...	10.639	75	72270	52.740	ug/l #	13
95) Naphthalene	14.092	128	566	2.887	ug/l #	69

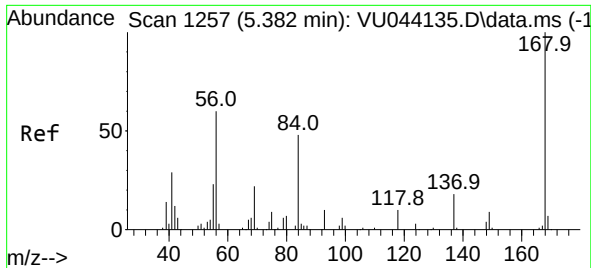
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061421\
Data File : VU044207.D
Acq On : 15 Jun 2021 02:00
Operator : SY/MD
Sample : M2687-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jun 15 05:00:22 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

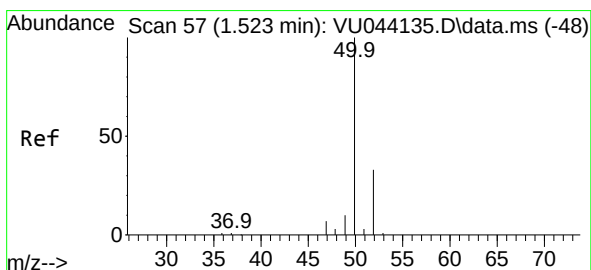
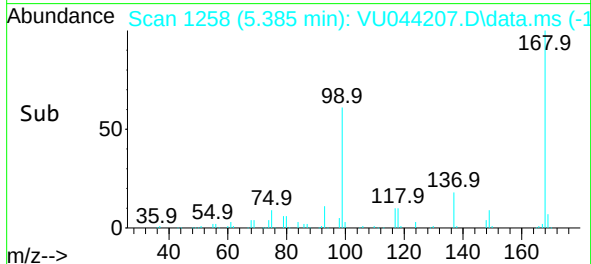
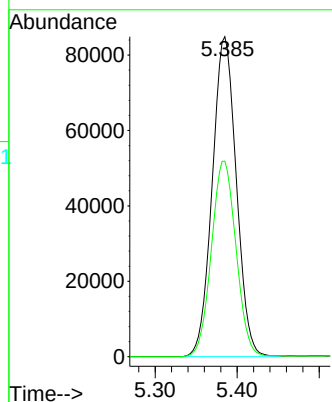
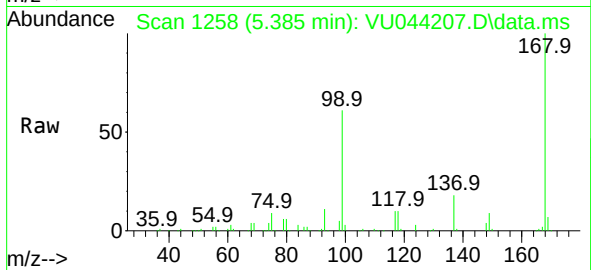




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. 0.003 min
Lab File: VU044207.D
Acq: 15 Jun 2021 02:00

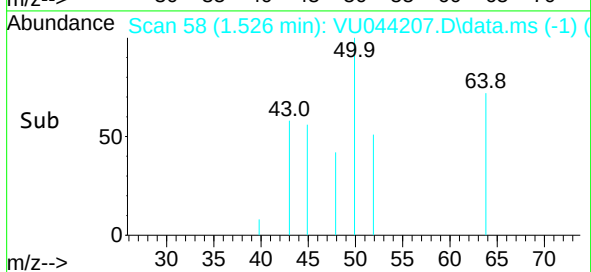
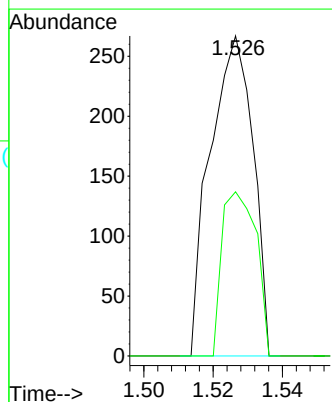
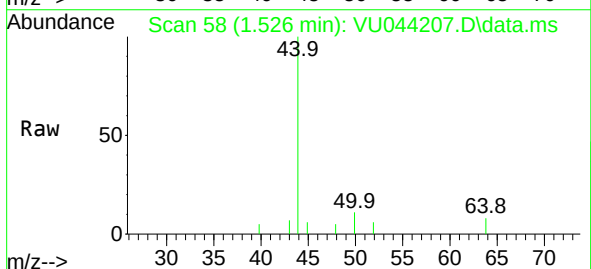
Instrument :
MSVOA_U
ClientSampleId :

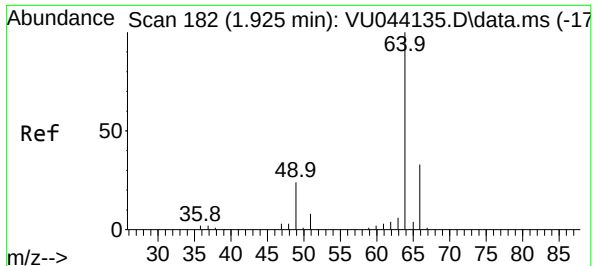
Tgt Ion:168 Resp: 172971
Ion Ratio Lower Upper
168 100
99 61.1 51.3 76.9



#3
Chloromethane
Concen: Below Cal
RT: 1.526 min Scan# 58
Delta R.T. 0.003 min
Lab File: VU044207.D
Acq: 15 Jun 2021 02:00

Tgt Ion: 50 Resp: 229
Ion Ratio Lower Upper
50 100
52 51.3 26.6 39.8#

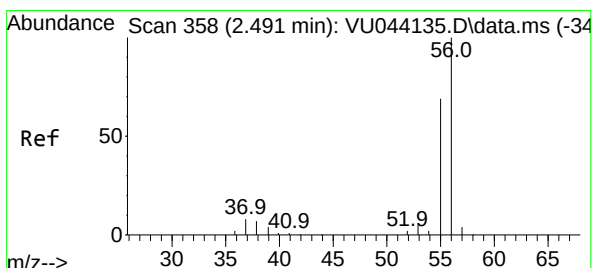
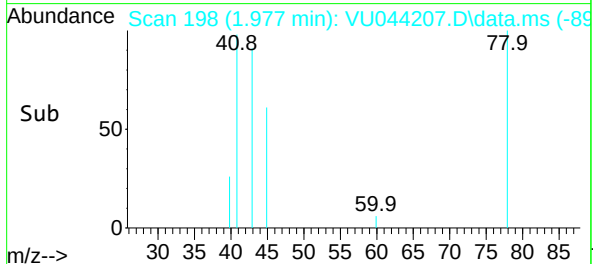
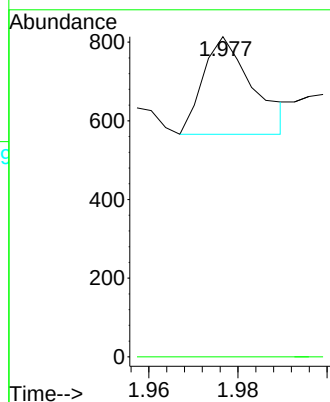
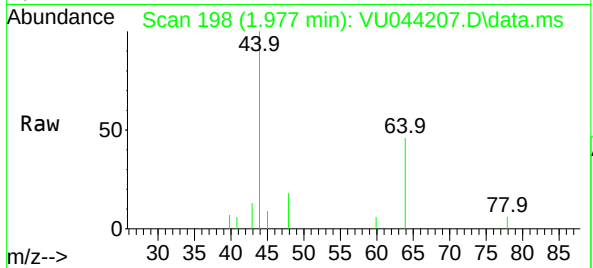




#6
Chloroethane
Concen: Below Cal
RT: 1.977 min Scan# 198
Delta R.T. 0.052 min
Lab File: VU044207.D
Acq: 15 Jun 2021 02:00

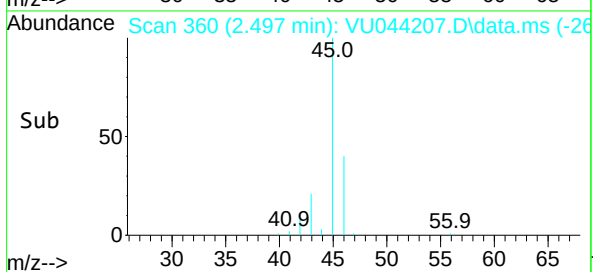
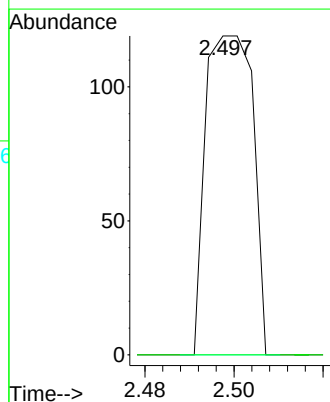
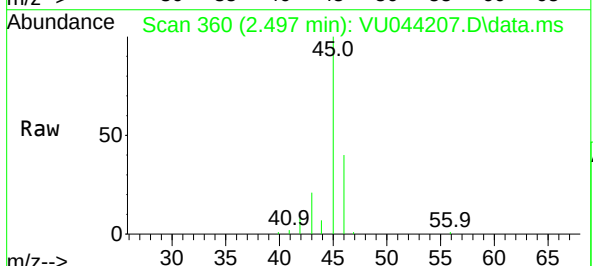
Instrument :
MSVOA_U
ClientSampled :

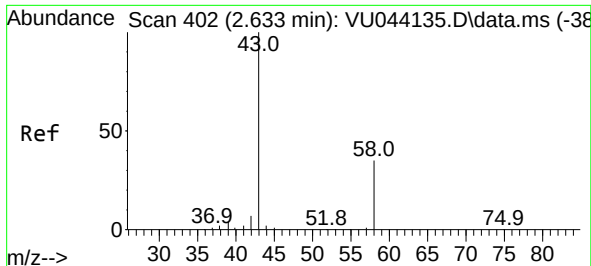
Tgt Ion: 64 Resp: 191
Ion Ratio Lower Upper
64 100
66 0.0 26.1 39.1#



#13
Acrolein
Concen: Below Cal
RT: 2.497 min Scan# 360
Delta R.T. 0.006 min
Lab File: VU044207.D
Acq: 15 Jun 2021 02:00

Tgt Ion: 56 Resp: 88
Ion Ratio Lower Upper
56 100
55 0.0 55.1 82.7#

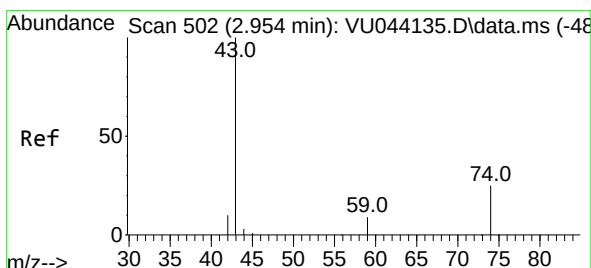
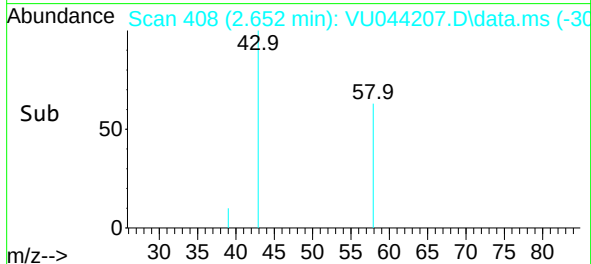
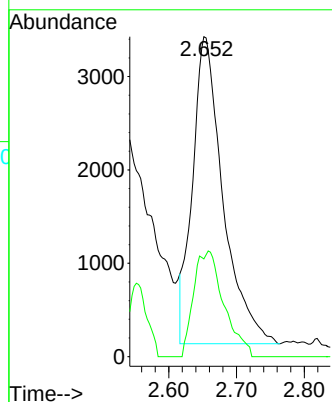
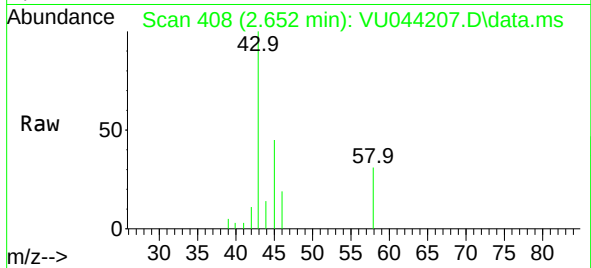




#16
Acetone
Concen: 5.162 ug/l
RT: 2.652 min Scan# 408
Delta R.T. 0.019 min
Lab File: VU044207.D
Acq: 15 Jun 2021 02:00

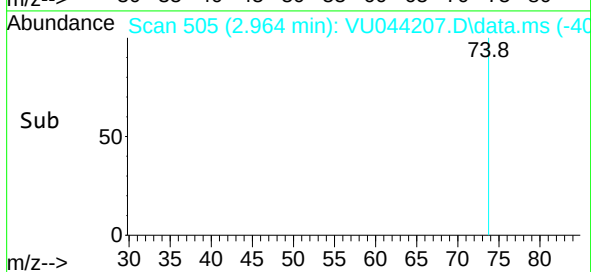
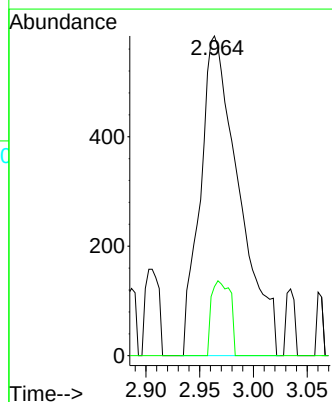
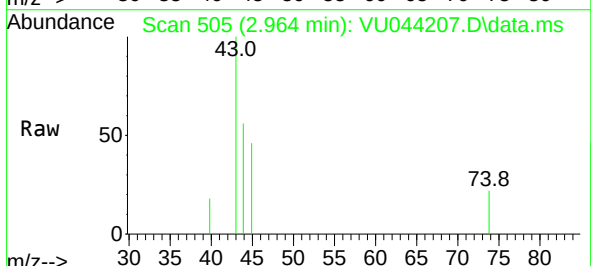
Instrument :
MSVOA_U
ClientSampled :

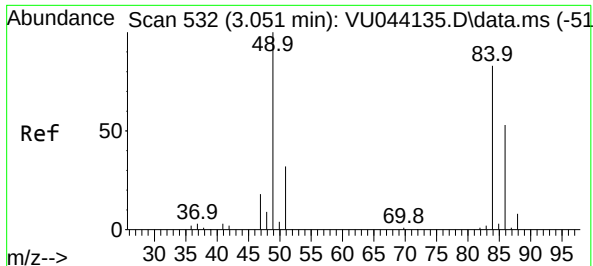
Tgt Ion: 43 Resp: 10310
Ion Ratio Lower Upper
43 100
58 31.8 28.0 42.0



#18
Methyl Acetate
Concen: 0.416 ug/l
RT: 2.964 min Scan# 505
Delta R.T. 0.010 min
Lab File: VU044207.D
Acq: 15 Jun 2021 02:00

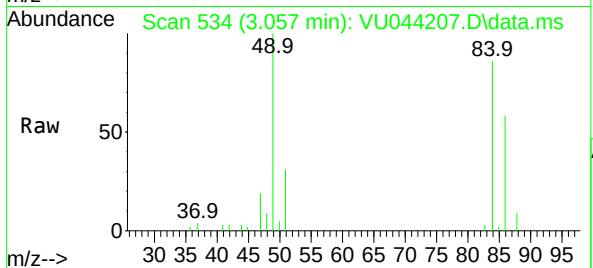
Tgt Ion: 43 Resp: 1471
Ion Ratio Lower Upper
43 100
74 11.3 20.3 30.5#



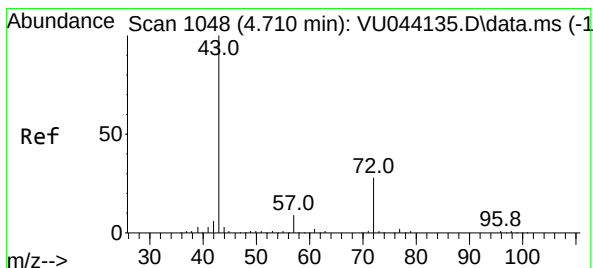
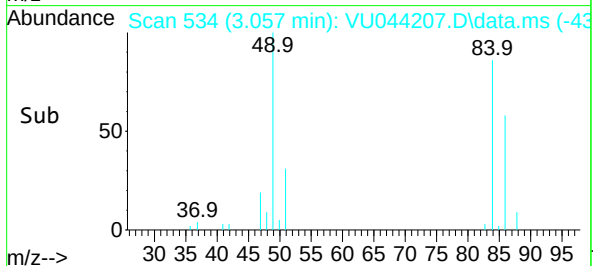
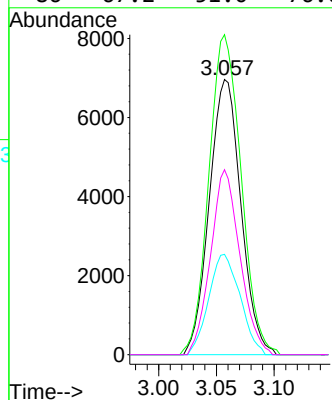


#20
Methylene Chloride
Concen: 4.249 ug/l
RT: 3.057 min Scan# 534
Delta R.T. 0.006 min
Lab File: VU044207.D
Acq: 15 Jun 2021 02:00

Instrument :
MSVOA_U
ClientSampleId :

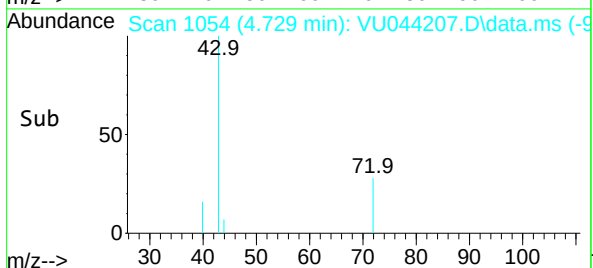
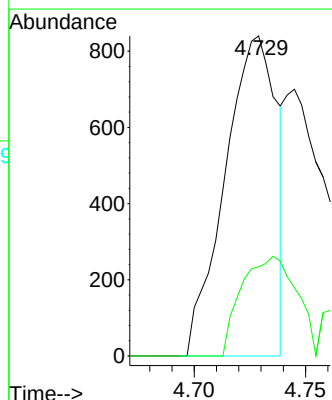
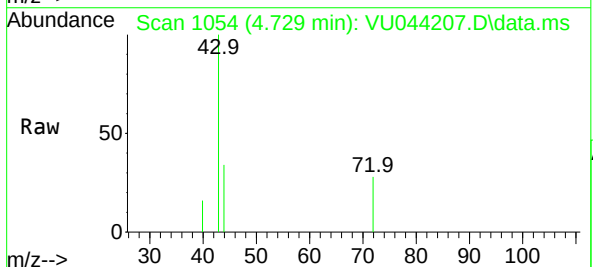


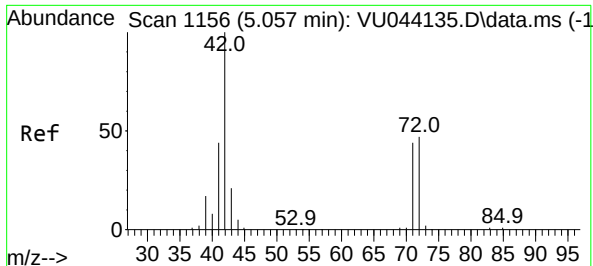
Tgt Ion:	84	Resp:	13253
Ion	Ratio	Lower	Upper
84	100		
49	116.3	96.9	145.3
51	36.5	31.0	46.6
86	67.2	51.0	76.6



#25
2-Butanone
Concen: 0.591 ug/l
RT: 4.729 min Scan# 1054
Delta R.T. 0.019 min
Lab File: VU044207.D
Acq: 15 Jun 2021 02:00

Tgt Ion:	43	Resp:	1358
Ion	Ratio	Lower	Upper
43	100		
72	27.9	22.6	33.8





#29

Tetrahydrofuran

Concen: 0.327 ug/l

RT: 5.083 min Scan# 1164

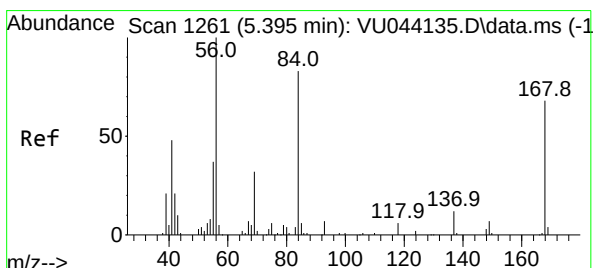
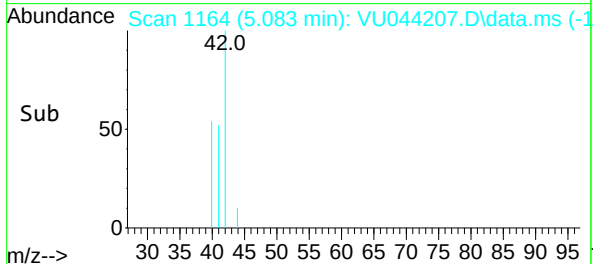
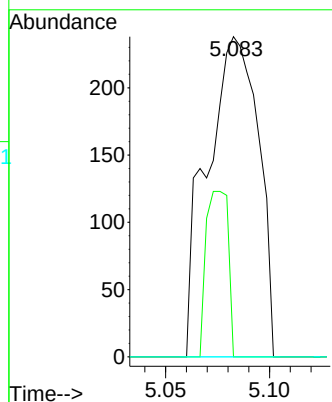
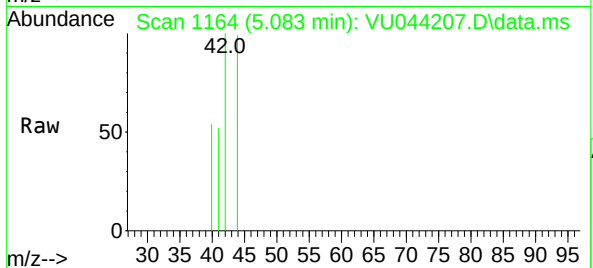
Delta R.T. 0.026 min

Lab File: VU044207.D

Acq: 15 Jun 2021 02:00

Tgt Ion:	42	Resp:	408
Ion	Ratio	Lower	Upper
42	100		
72	22.3	38.6	57.8#
71	0.0	35.5	53.3#

Instrument :
MSVOA_U
ClientSampled :



#31

Cyclohexane

Concen: 0.938 ug/l

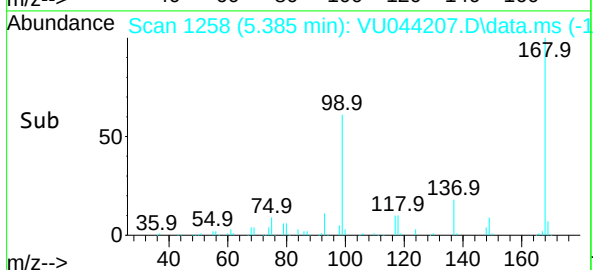
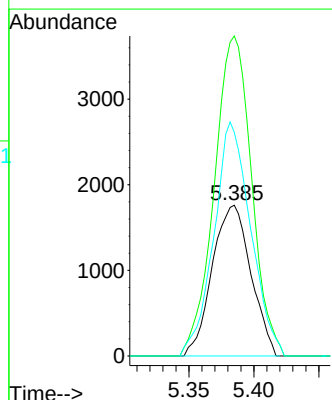
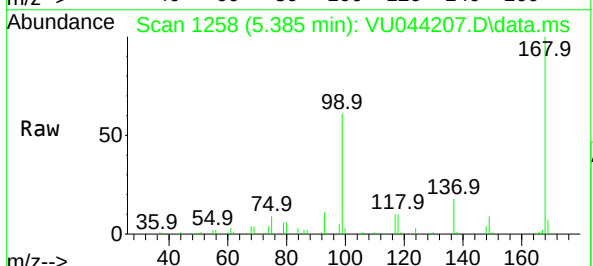
RT: 5.385 min Scan# 1258

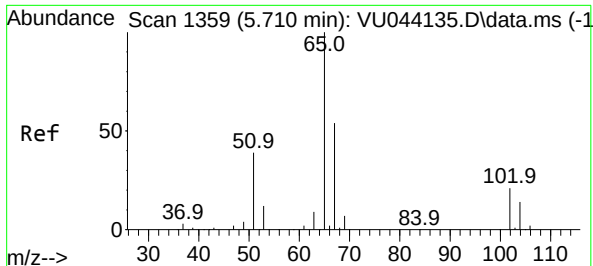
Delta R.T. -0.010 min

Lab File: VU044207.D

Acq: 15 Jun 2021 02:00

Tgt Ion:	56	Resp:	3641
Ion	Ratio	Lower	Upper
56	100		
69	212.3	25.5	38.3#
84	148.4	66.3	99.5#



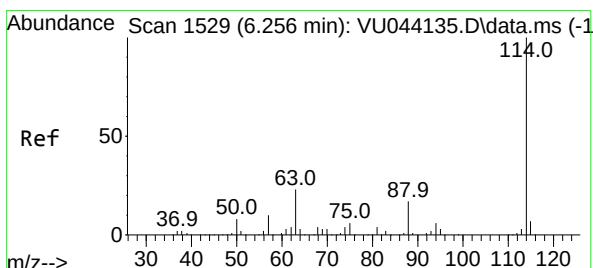
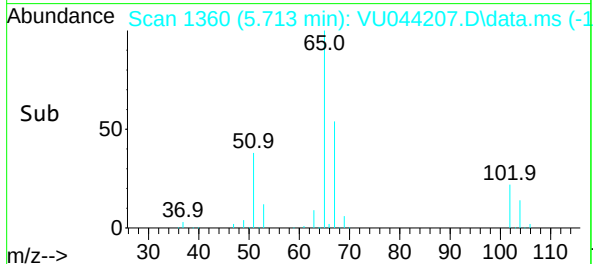
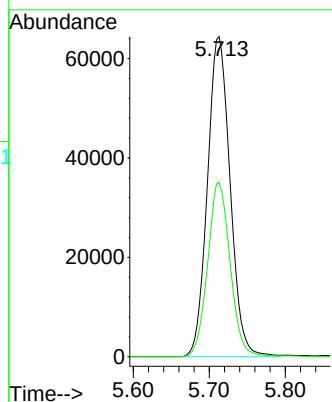
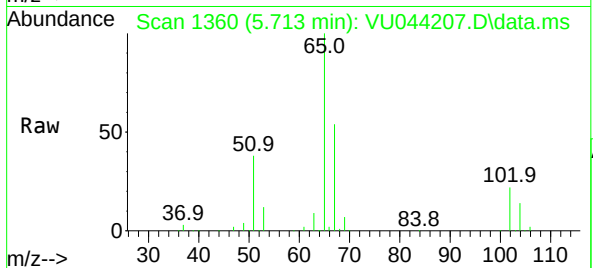


#33

1,2-Dichloroethane-d4
Concen: 48.547 ug/l
RT: 5.713 min Scan# 1360
Delta R.T. 0.003 min
Lab File: VU044207.D
Acq: 15 Jun 2021 02:00

Instrument :
MSVOA_U
ClientSampled :

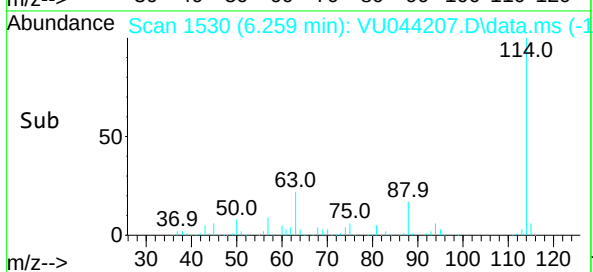
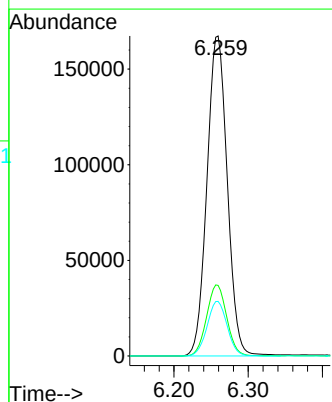
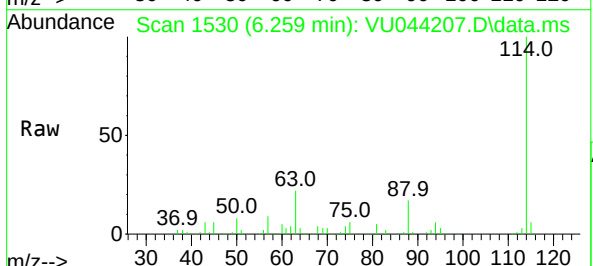
Tgt Ion: 65 Resp: 133536
Ion Ratio Lower Upper
65 100
67 53.9 0.0 106.6

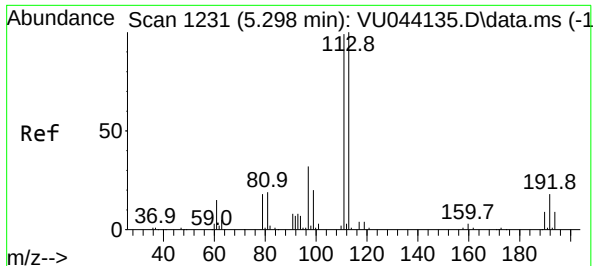


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.259 min Scan# 1530
Delta R.T. 0.003 min
Lab File: VU044207.D
Acq: 15 Jun 2021 02:00

Tgt Ion: 114 Resp: 318074
Ion Ratio Lower Upper
114 100
63 22.1 0.0 45.8
88 17.0 0.0 34.0





#35

Dibromofluoromethane

Concen: 46.785 ug/l

RT: 5.298 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VU044207.D

Acq: 15 Jun 2021 02:00

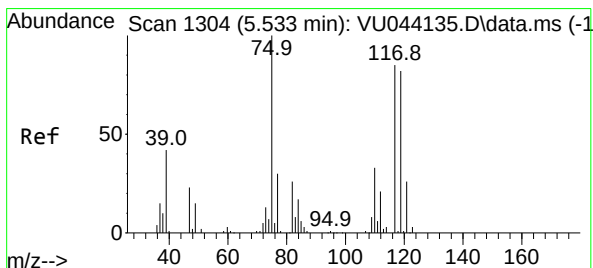
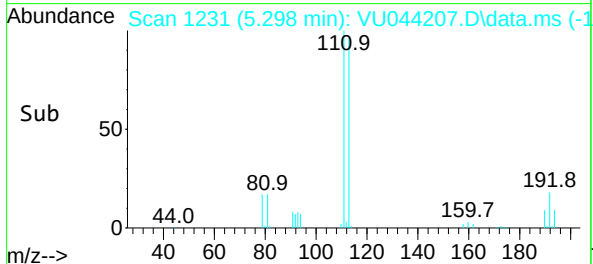
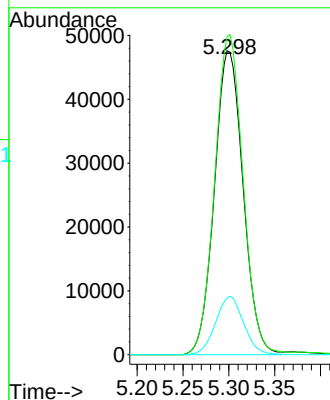
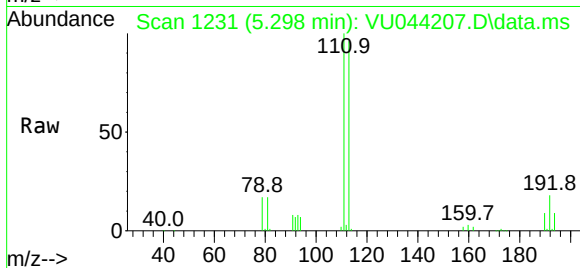
Tgt Ion:113 Resp: 103516

Ion Ratio Lower Upper

113 100

111 104.2 81.0 121.4

192 18.7 14.3 21.5



#36

1,1-Dichloropropene

Concen: 4.233 ug/l

RT: 5.385 min Scan# 1258

Delta R.T. -0.148 min

Lab File: VU044207.D

Acq: 15 Jun 2021 02:00

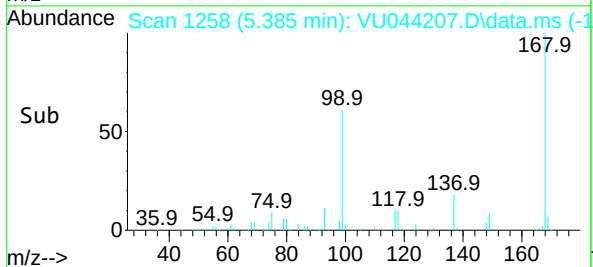
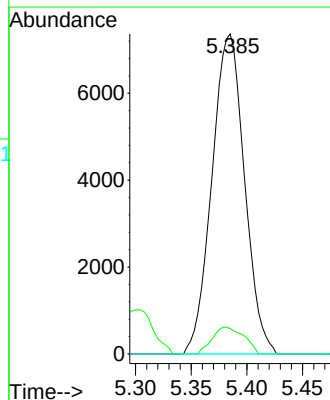
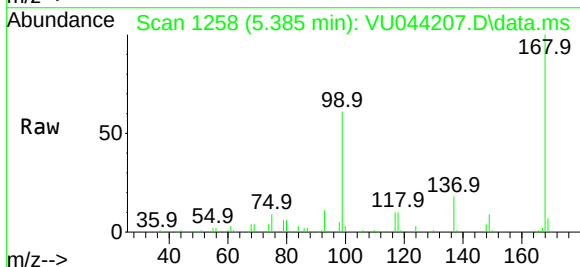
Tgt Ion: 75 Resp: 14981

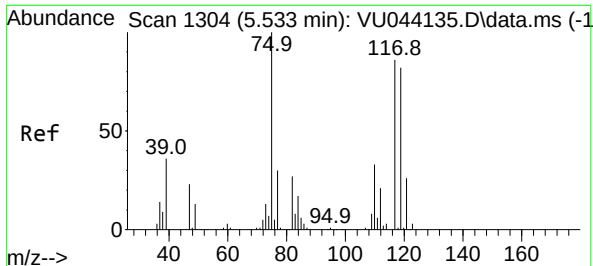
Ion Ratio Lower Upper

75 100

110 8.1 16.4 49.4#

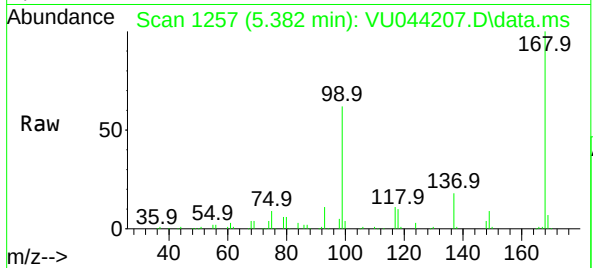
77 0.0 24.7 37.1#



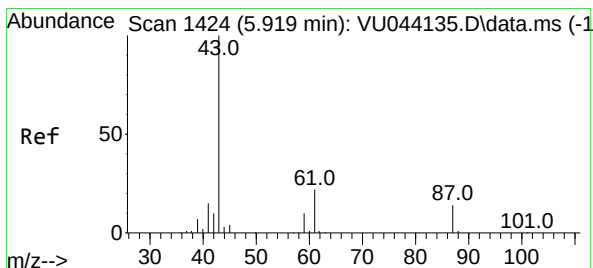
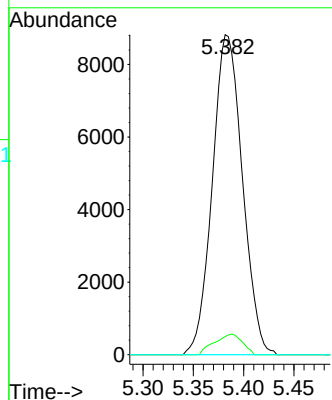
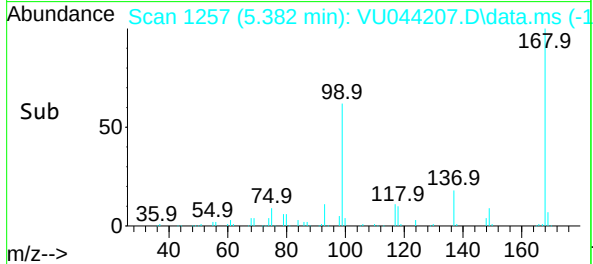


#38
Carbon Tetrachloride
Concen: 5.737 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU044207.D
Acq: 15 Jun 2021 02:00

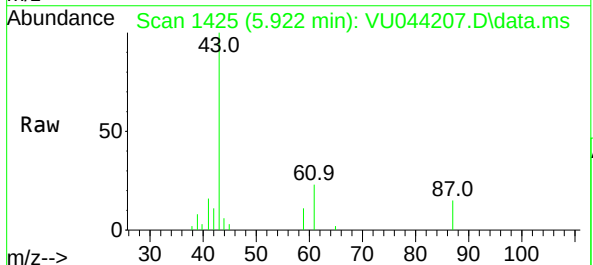
Instrument :
MSVOA_U
ClientSampleId :



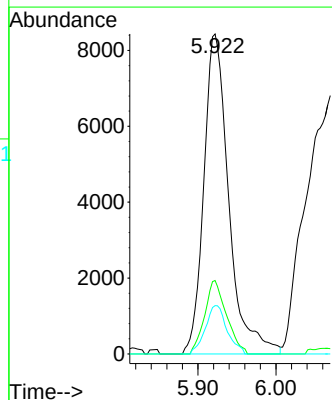
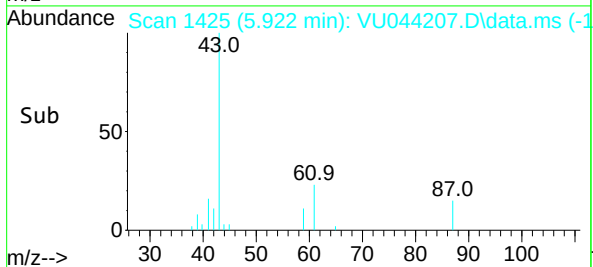
Tgt Ion:117 Resp: 18328
Ion Ratio Lower Upper
117 100
119 5.7 76.6 114.8#
121 0.0 24.6 36.8#

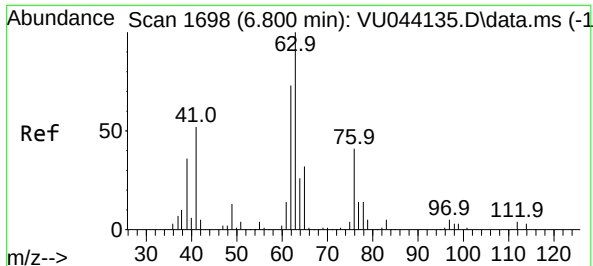


#43
Isopropyl Acetate
Concen: 3.122 ug/l
RT: 5.922 min Scan# 1425
Delta R.T. 0.003 min
Lab File: VU044207.D
Acq: 15 Jun 2021 02:00



Tgt Ion: 43 Resp: 18773
Ion Ratio Lower Upper
43 100
61 20.0 17.8 26.8
87 13.1 11.1 16.7



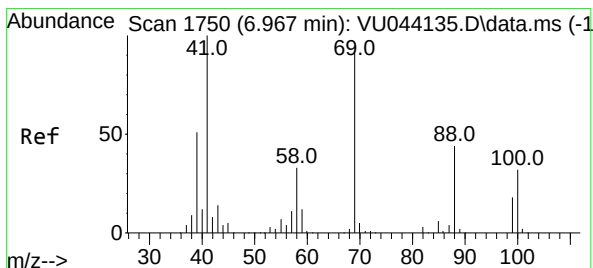
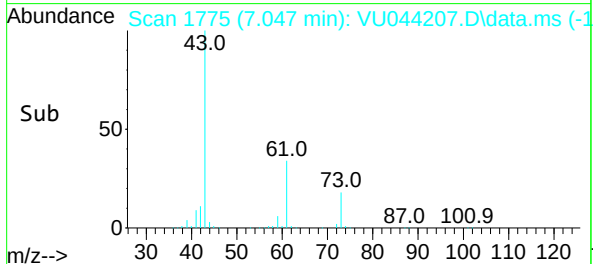
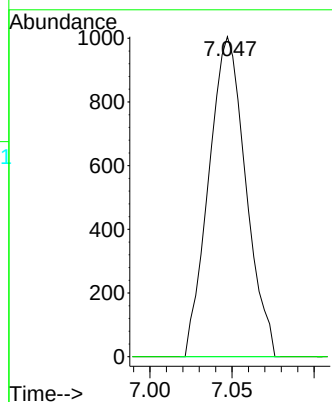
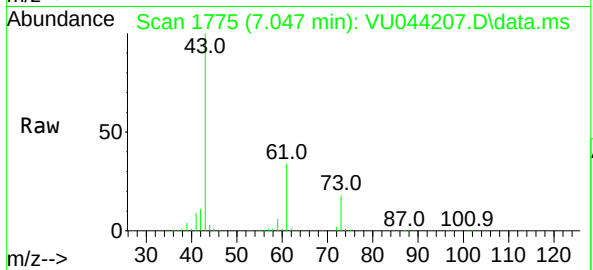


#45

1,2-Dichloropropane
Concen: 0.553 ug/l
RT: 7.047 min Scan# 1775
Delta R.T. 0.247 min
Lab File: VU044207.D
Acq: 15 Jun 2021 02:00

Instrument :
MSVOA_U
ClientSampled :

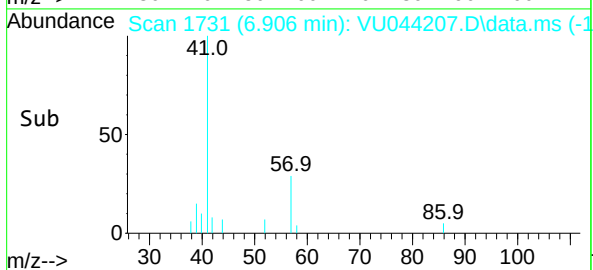
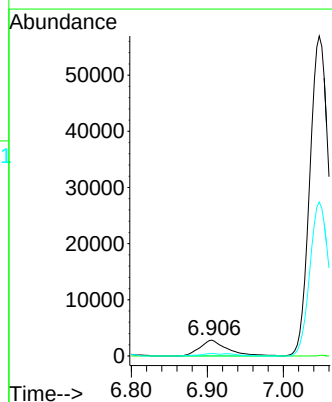
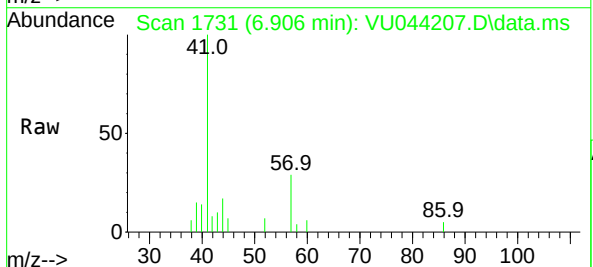
Tgt Ion: 63 Resp: 1574
Ion Ratio Lower Upper
63 100
65 0.0 25.7 38.5#

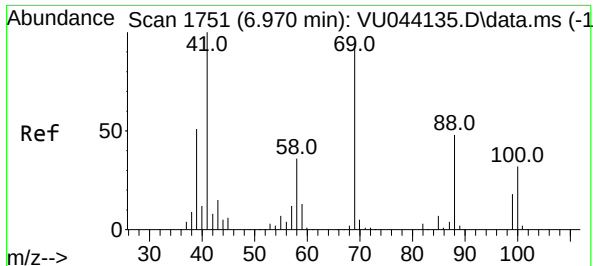


#48

Methyl methacrylate
Concen: 2.404 ug/l
RT: 6.906 min Scan# 1731
Delta R.T. -0.061 min
Lab File: VU044207.D
Acq: 15 Jun 2021 02:00

Tgt Ion: 41 Resp: 7033
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: 0.549 ug/l

RT: 7.037 min Scan# 1772

Delta R.T. 0.067 min

Lab File: VU044207.D

Acq: 15 Jun 2021 02:00

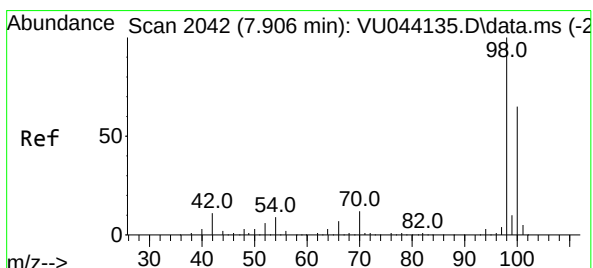
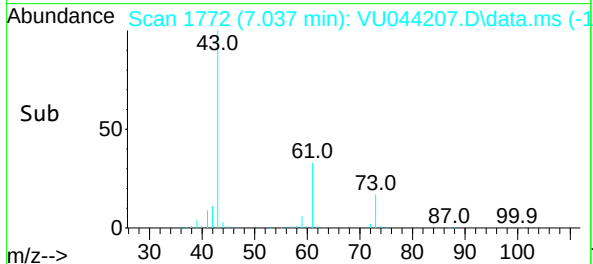
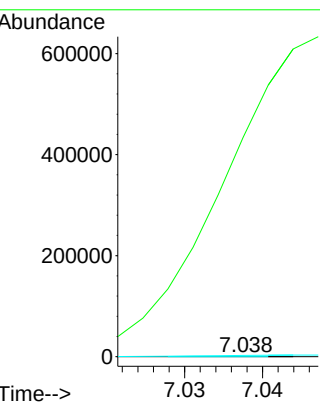
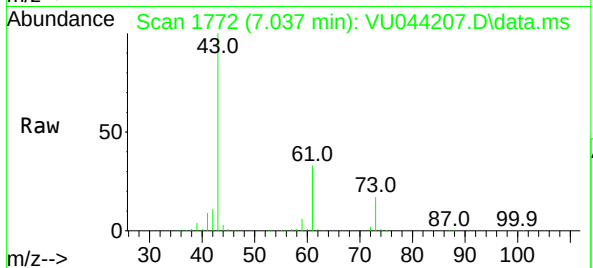
Tgt Ion: 88 Resp: 42

Ion Ratio Lower Upper

88 100

43 0.0 23.4 35.0#

58 0.0 58.1 87.1#



#50

Toluene-d8

Concen: 48.035 ug/l

RT: 7.906 min Scan# 2042

Delta R.T. -0.000 min

Lab File: VU044207.D

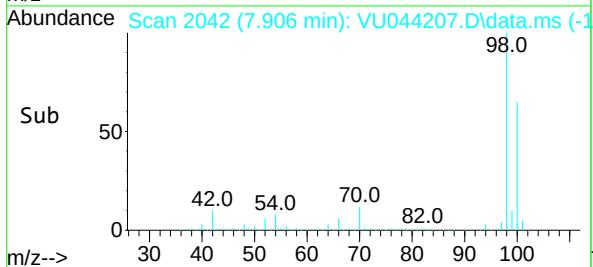
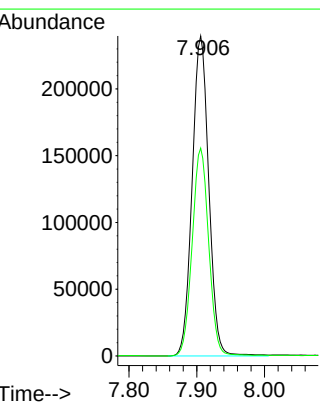
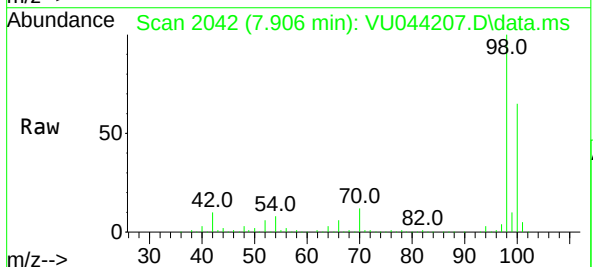
Acq: 15 Jun 2021 02:00

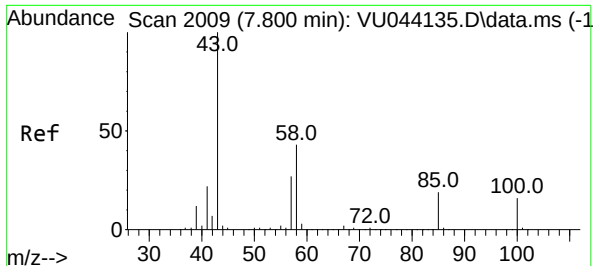
Tgt Ion: 98 Resp: 408172

Ion Ratio Lower Upper

98 100

100 64.6 52.2 78.4

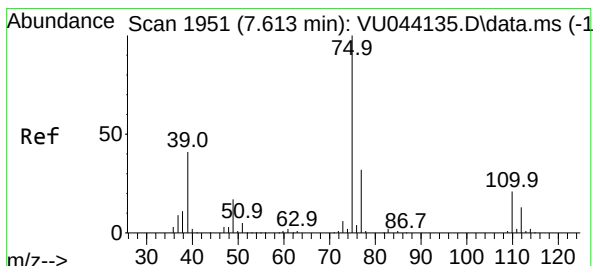
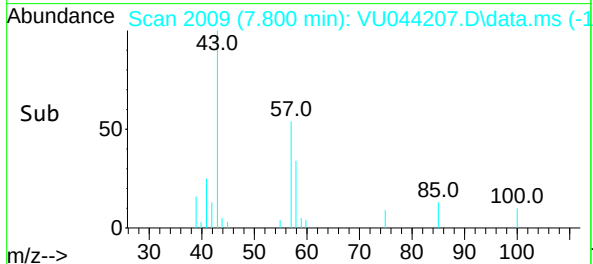
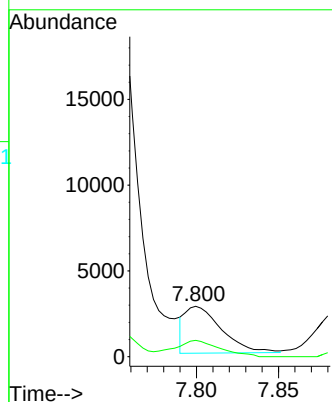
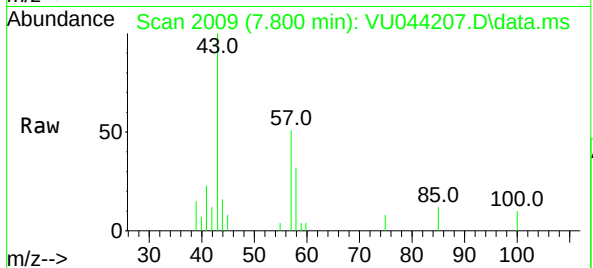




#51
4-Methyl-2-Pentanone
Concen: 0.976 ug/l
RT: 7.800 min Scan# 2009
Delta R.T. -0.000 min
Lab File: VU044207.D
Acq: 15 Jun 2021 02:00

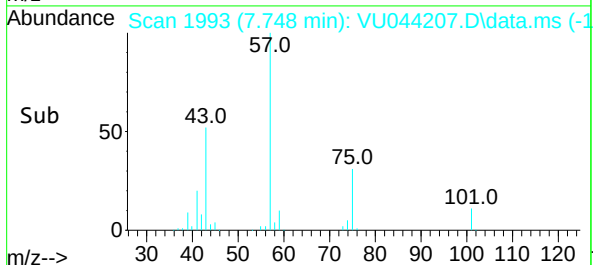
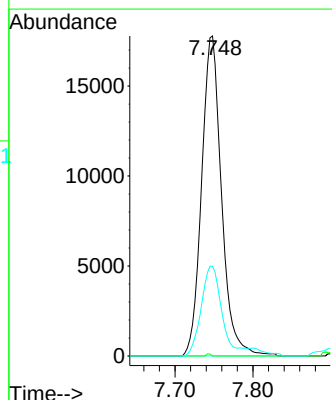
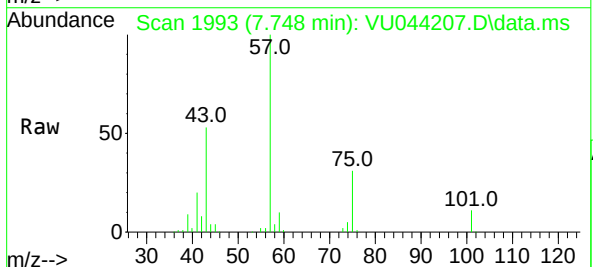
Instrument :
MSVOA_U
ClientSampled :

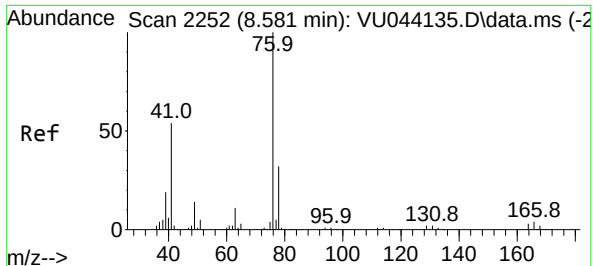
Tgt Ion: 43 Resp: 4247
Ion Ratio Lower Upper
43 100
58 42.9 34.5 51.7



#54
cis-1,3-Dichloropropene
Concen: 7.392 ug/l
RT: 7.748 min Scan# 1993
Delta R.T. 0.135 min
Lab File: VU044207.D
Acq: 15 Jun 2021 02:00

Tgt Ion: 75 Resp: 31524
Ion Ratio Lower Upper
75 100
77 0.0 25.9 38.9#
39 28.0 33.2 49.8#





#57

1,3-Dichloropropane

Concen: 4.703 ug/l

RT: 8.732 min Scan# 2299

Delta R.T. 0.151 min

Lab File: VU044207.D

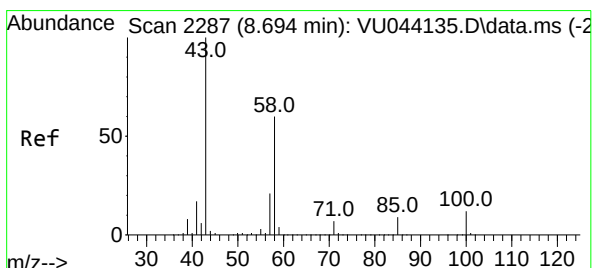
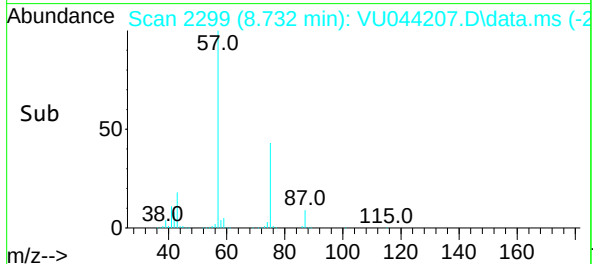
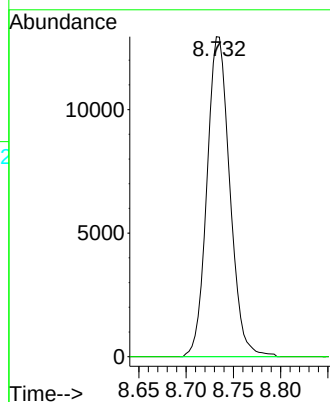
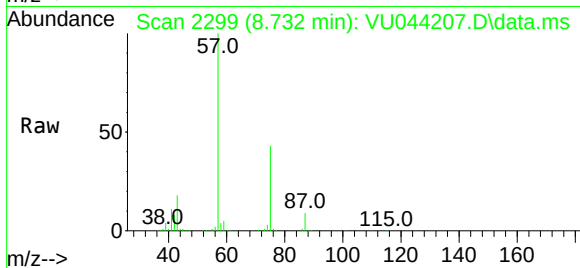
Acq: 15 Jun 2021 02:00

Tgt Ion: 76 Resp: 21783

Ion Ratio Lower Upper

76 100

78 0.0 25.9 38.9#



#59

2-Hexanone

Concen: 77.554 ug/l

RT: 8.735 min Scan# 2300

Delta R.T. 0.041 min

Lab File: VU044207.D

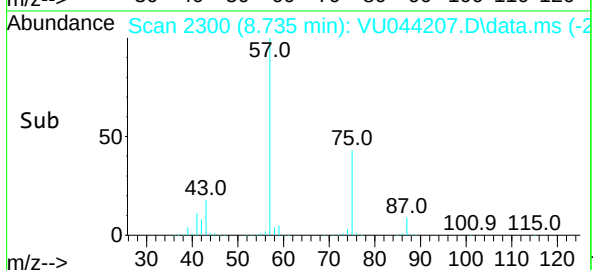
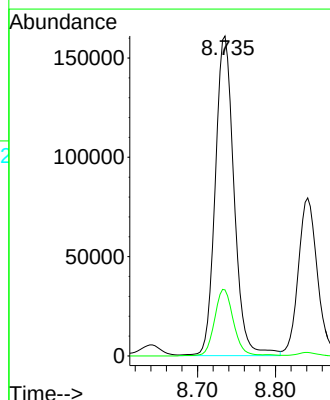
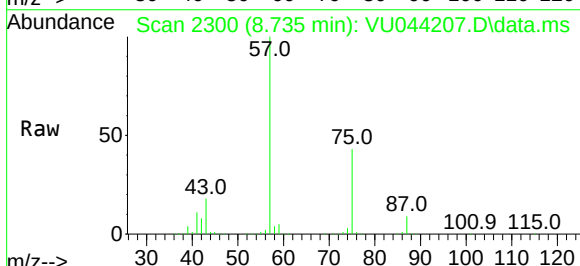
Acq: 15 Jun 2021 02:00

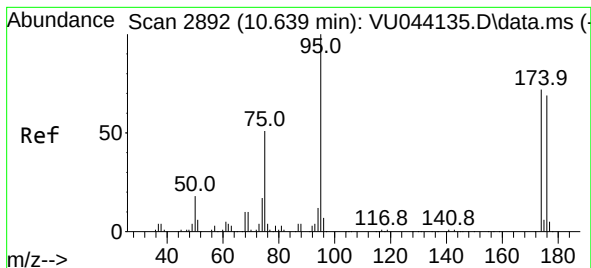
Tgt Ion: 43 Resp: 269337

Ion Ratio Lower Upper

43 100

58 21.0 30.0 90.1#

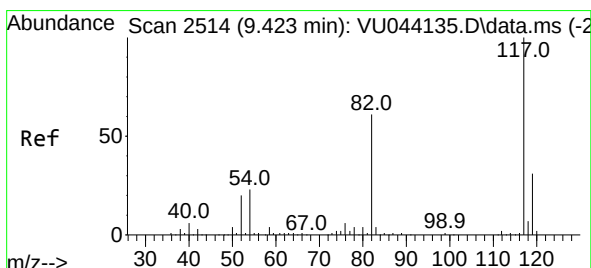
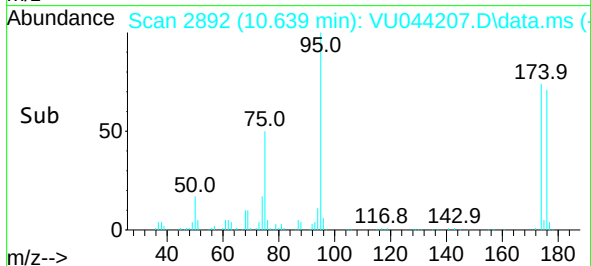
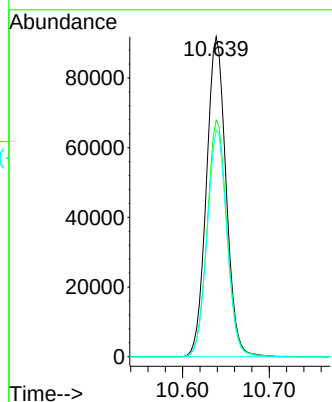
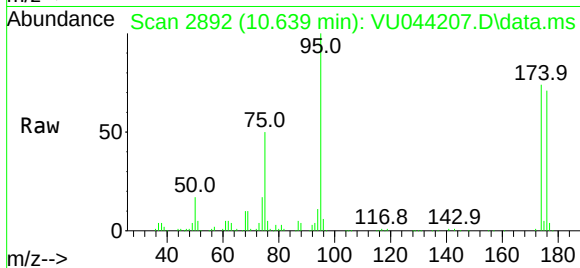




#62
4-Bromofluorobenzene
Concen: 42.390 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU044207.D
Acq: 15 Jun 2021 02:00

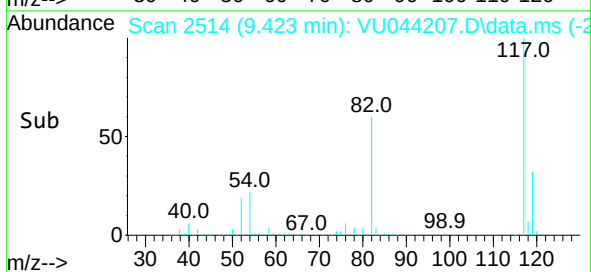
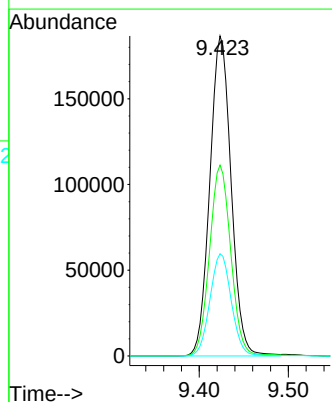
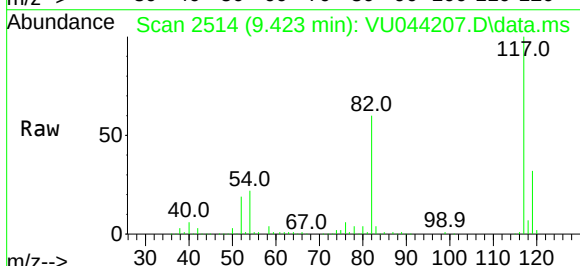
Instrument :
MSVOA_U
ClientSampleId :

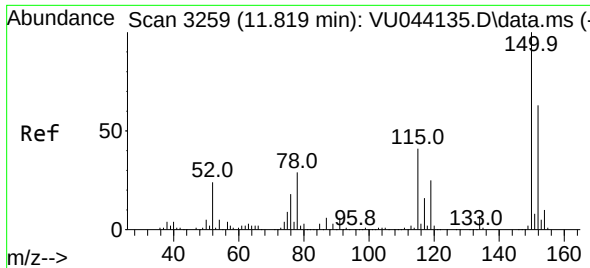
Tgt Ion: 95 Resp: 144355
Ion Ratio Lower Upper
95 100
174 75.0 0.0 144.4
176 71.5 0.0 138.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. -0.000 min
Lab File: VU044207.D
Acq: 15 Jun 2021 02:00

Tgt Ion: 117 Resp: 309862
Ion Ratio Lower Upper
117 100
82 59.6 48.8 73.2
119 32.0 25.0 37.6

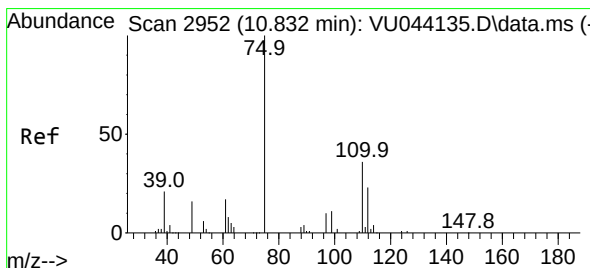
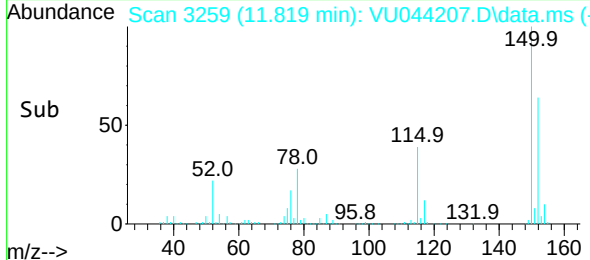
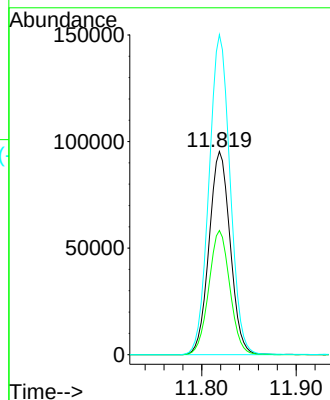
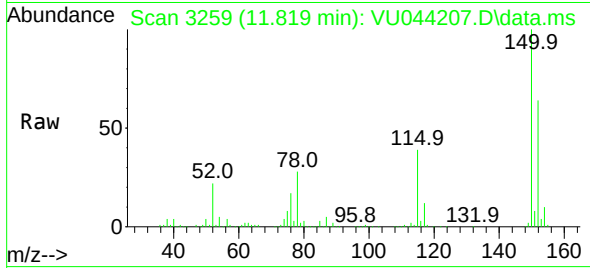




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU044207.D
 Acq: 15 Jun 2021 02:00

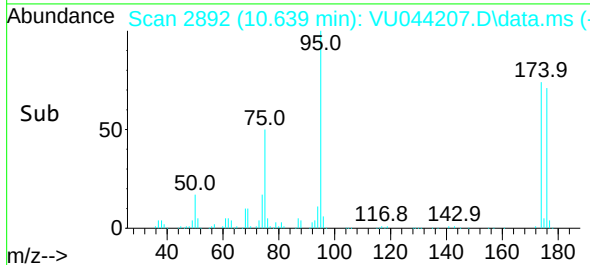
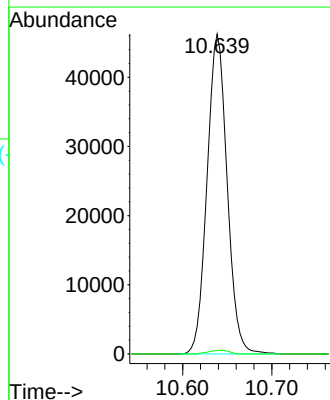
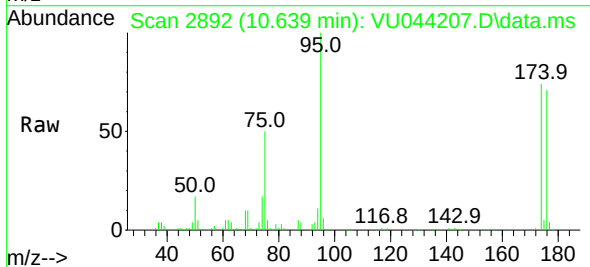
Instrument :
 MSVOA_U
 ClientSampled :

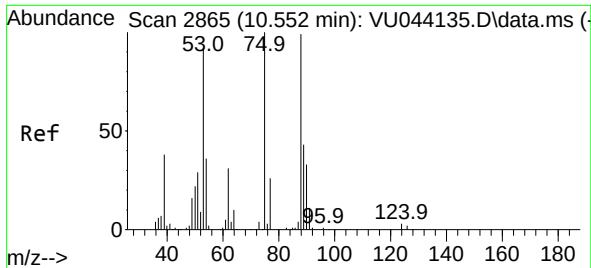
Tgt Ion:152 Resp: 148155
 Ion Ratio Lower Upper
 152 100
 115 61.0 43.8 131.3
 150 157.1 0.0 350.6



#76
 1,2,3-Trichloropropane
 Concen: 14.549 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.193 min
 Lab File: VU044207.D
 Acq: 15 Jun 2021 02:00

Tgt Ion: 75 Resp: 72270
 Ion Ratio Lower Upper
 75 100
 77 1.2 14.9 44.5#

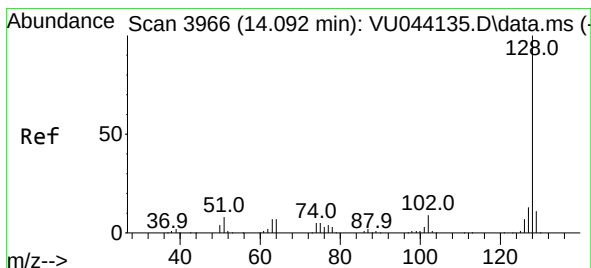
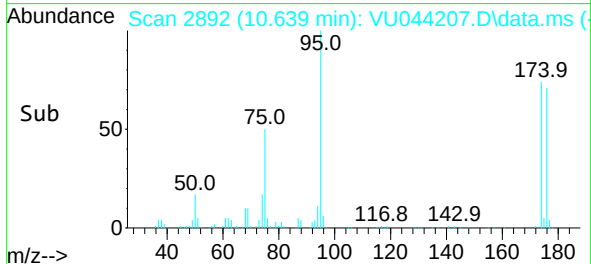
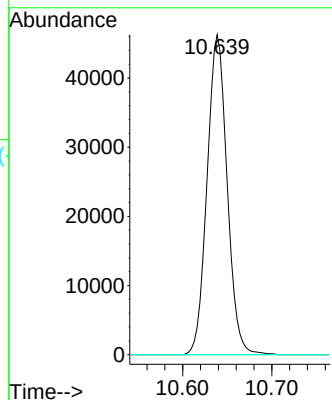
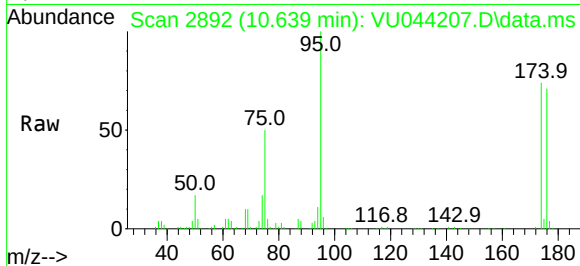




#81
trans-1,4-Dichloro-2-butene
Concen: 52.740 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.087 min
Lab File: VU044207.D
Acq: 15 Jun 2021 02:00

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 72270
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.2#
89 0.0 35.0 52.6#



#95
Naphthalene
Concen: 2.887 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. -0.000 min
Lab File: VU044207.D
Acq: 15 Jun 2021 02:00

Tgt Ion:128 Resp: 566
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

