

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061421\
 Data File : VU044192.D
 Acq On : 14 Jun 2021 19:25
 Operator : SY/MD
 Sample : M2672-36
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 15 02:49:25 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)

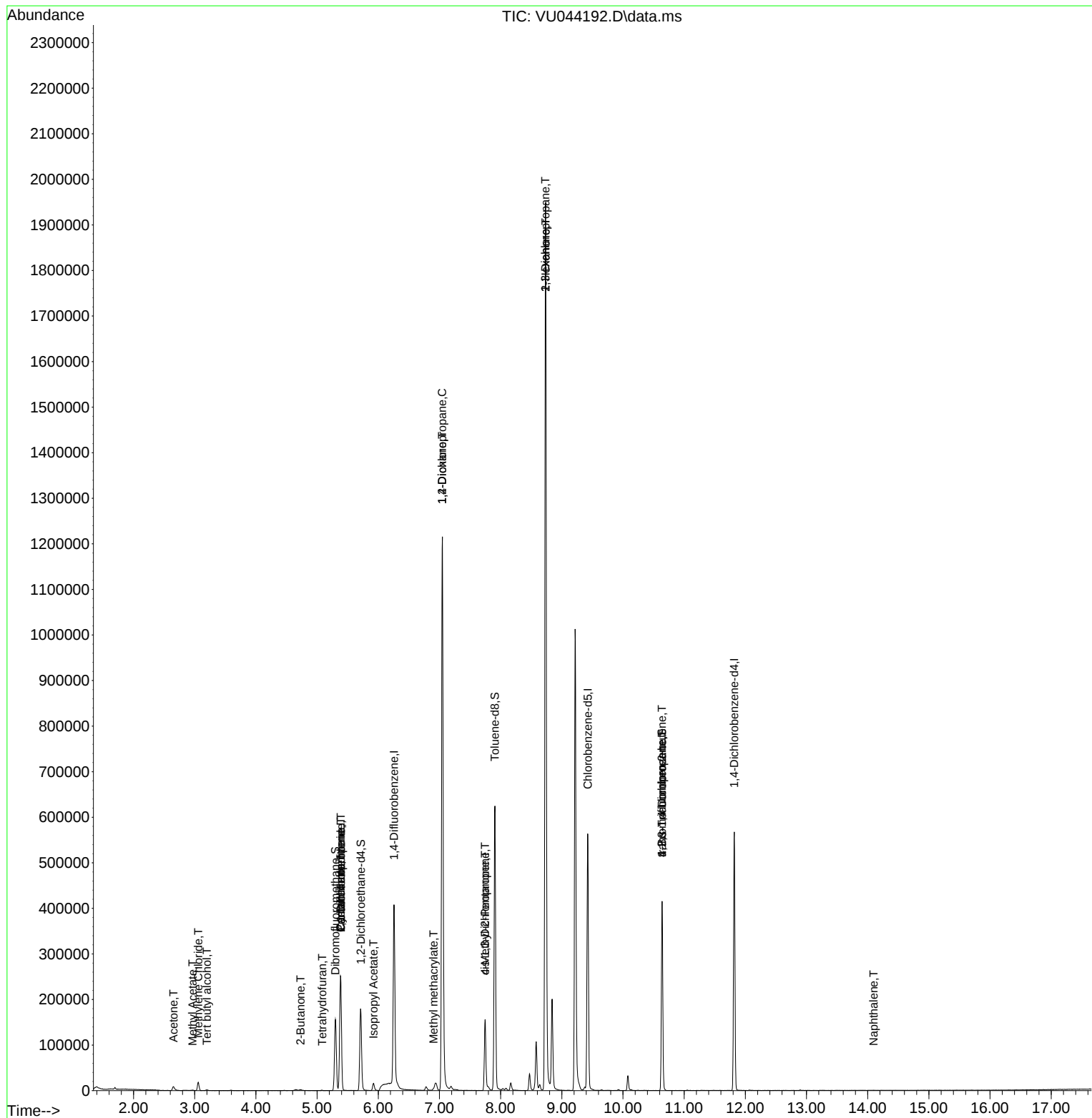
Internal Standards						
1) Pentafluorobenzene	5.385	168	167037	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.257	114	306063	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.424	117	307492	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	143171	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	135893	51.158	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.320%	
35) Dibromofluoromethane	5.298	113	102415	48.103	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.200%	
50) Toluene-d8	7.906	98	401815	49.142	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.280%	
62) 4-Bromofluorobenzene	10.639	95	141578	43.207	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.420%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.524	50	399	Below Cal	#	41
6) Chloroethane	1.922	64	46	Below Cal	#	42
11) Tert butyl alcohol	3.199	59	1156	1.618	ug/l #	73
16) Acetone	2.652	43	14092	8.203	ug/l	98
18) Methyl Acetate	2.964	43	1478	0.433	ug/l #	73
20) Methylene Chloride	3.057	84	9149	2.687	ug/l	93
25) 2-Butanone	4.729	43	3425	1.545	ug/l	97
29) Tetrahydrofuran	5.083	42	553	0.459	ug/l #	56
31) Cyclohexane	5.382	56	3790	1.011	ug/l #	1
36) 1,1-Dichloropropene	5.385	75	14739	4.328	ug/l #	50
38) Carbon Tetrachloride	5.385	117	17844	5.804	ug/l #	16
43) Isopropyl Acetate	5.922	43	17149	2.964	ug/l	98
45) 1,2-Dichloropropane	7.044	63	1588	0.579	ug/l #	43
48) Methyl methacrylate	6.903	41	6343	2.253	ug/l #	11
49) 1,4-Dioxane	7.044	88	84	1.141	ug/l #	1
51) 4-Methyl-2-Pentanone	7.745	43	54494	13.014	ug/l #	45
54) cis-1,3-Dichloropropene	7.745	75	29801	7.262	ug/l #	65
57) 1,3-Dichloropropane	8.732	76	21309	4.781	ug/l #	42
59) 2-Hexanone	8.736	43	269978	80.790	ug/l #	48
76) 1,2,3-Trichloropropane	10.639	75	71784	14.954	ug/l #	47
81) trans-1,4-Dichloro-2-b...	10.639	75	71784	54.209	ug/l #	13
95) Naphthalene	14.095	128	65	2.842	ug/l #	69

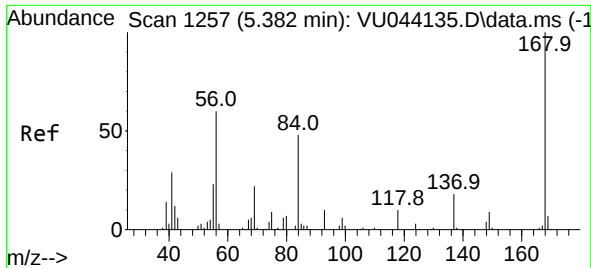
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061421\
Data File : VU044192.D
Acq On : 14 Jun 2021 19:25
Operator : SY/MD
Sample : M2672-36
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jun 15 02:49:25 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

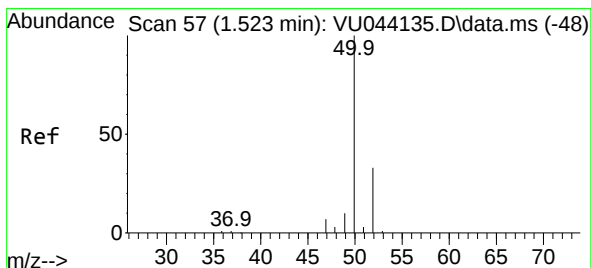
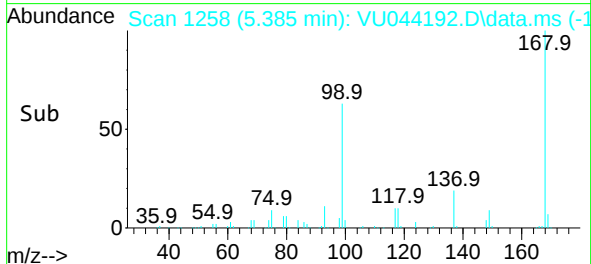
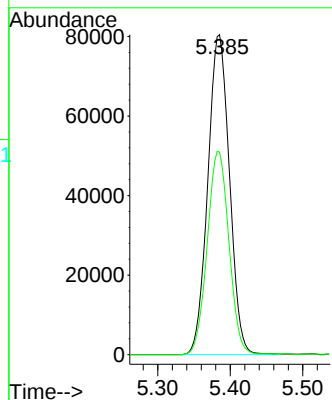
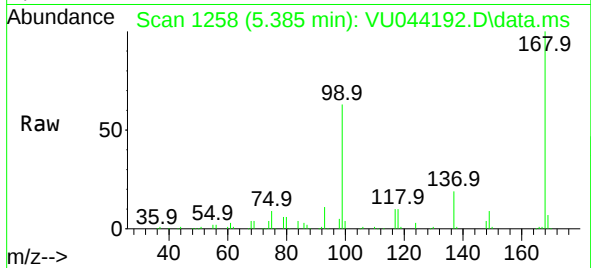




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. 0.003 min
Lab File: VU044192.D
Acq: 14 Jun 2021 19:25

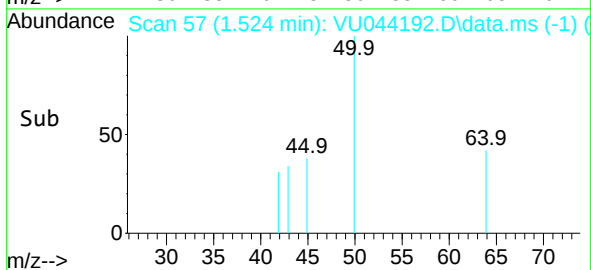
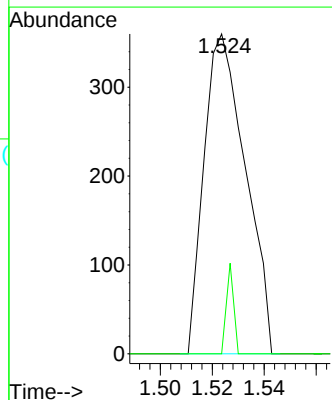
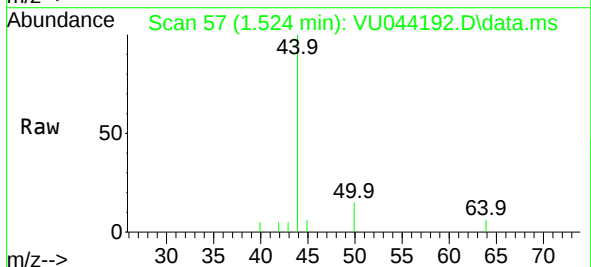
Instrument :
MSVOA_U
ClientSampled :

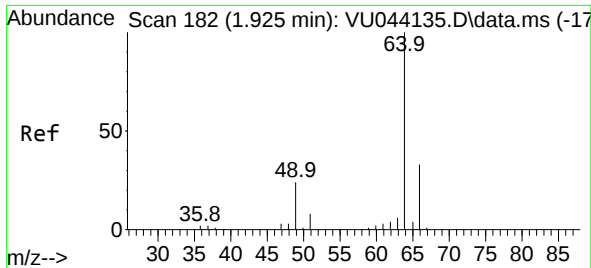
Tgt Ion:168 Resp: 167037
Ion Ratio Lower Upper
168 100
99 63.3 51.3 76.9



#3
Chloromethane
Concen: Below Cal
RT: 1.524 min Scan# 57
Delta R.T. 0.001 min
Lab File: VU044192.D
Acq: 14 Jun 2021 19:25

Tgt Ion: 50 Resp: 399
Ion Ratio Lower Upper
50 100
52 0.0 26.6 39.8#

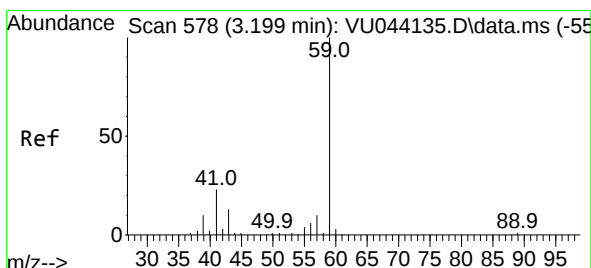
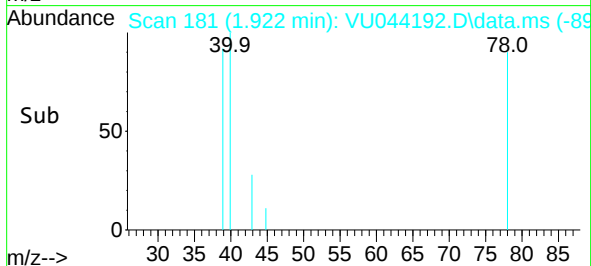
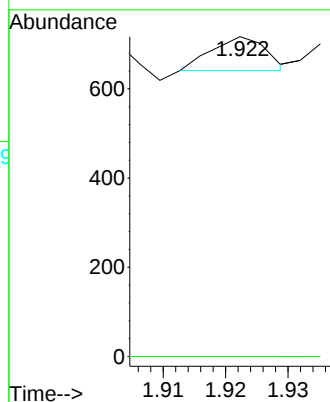
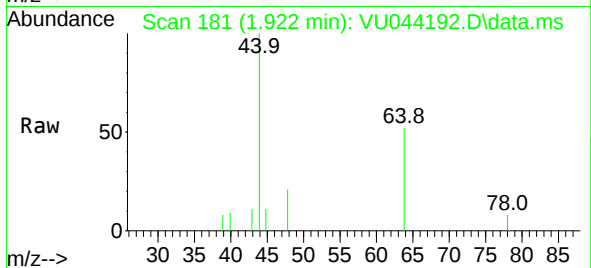




#6
Chloroethane
Concen: Below Cal
RT: 1.922 min Scan# 181
Delta R.T. -0.003 min
Lab File: VU044192.D
Acq: 14 Jun 2021 19:25

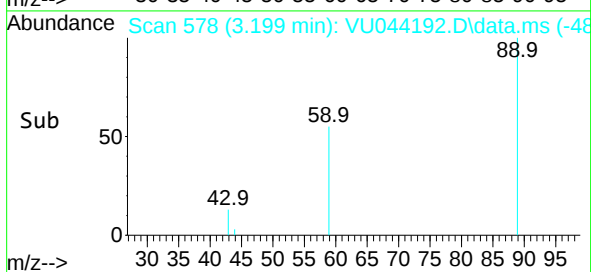
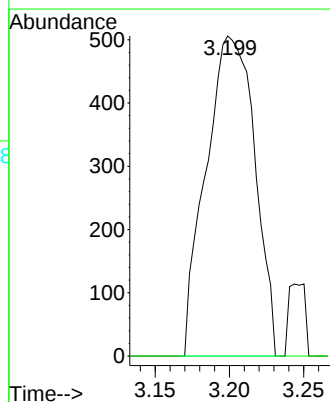
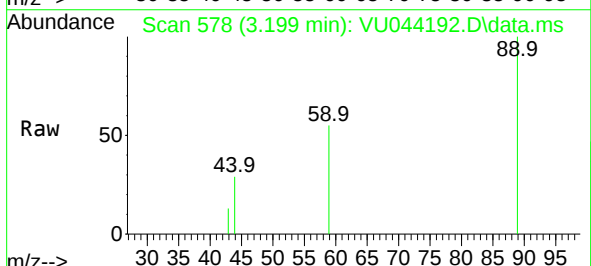
Instrument :
MSVOA_U
ClientSampled :

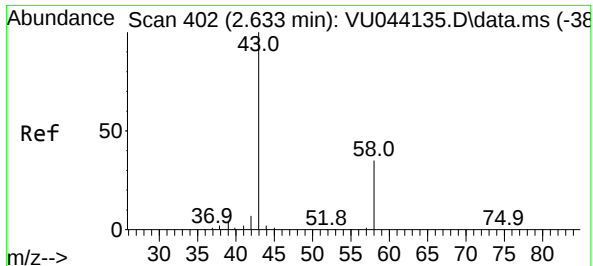
Tgt Ion: 64 Resp: 46
Ion Ratio Lower Upper
64 100
66 0.0 26.1 39.1#



#11
Tert butyl alcohol
Concen: 1.618 ug/l
RT: 3.199 min Scan# 578
Delta R.T. -0.000 min
Lab File: VU044192.D
Acq: 14 Jun 2021 19:25

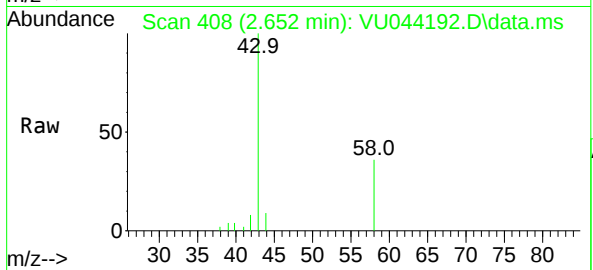
Tgt Ion: 59 Resp: 1156
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



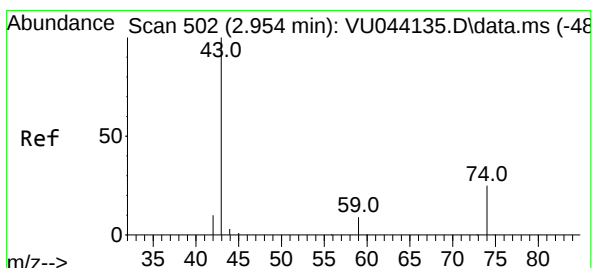
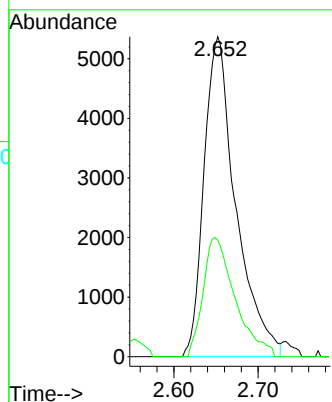
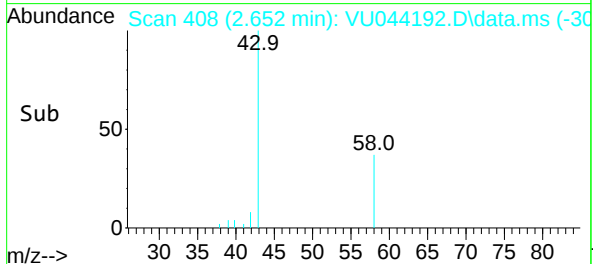


#16
Acetone
Concen: 8.203 ug/l
RT: 2.652 min Scan# 408
Delta R.T. 0.019 min
Lab File: VU044192.D
Acq: 14 Jun 2021 19:25

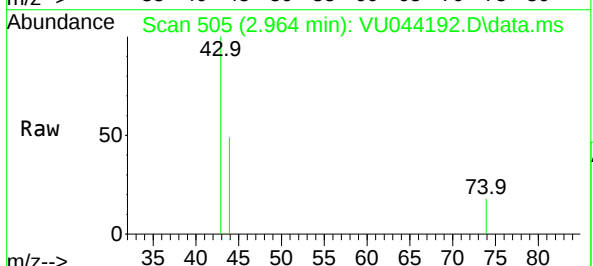
Instrument :
MSVOA_U
ClientSampled :



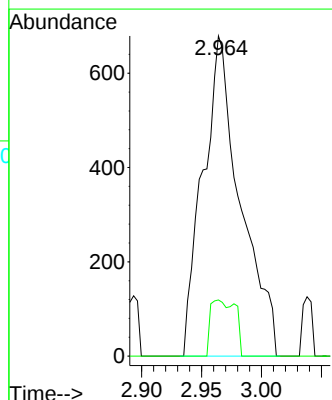
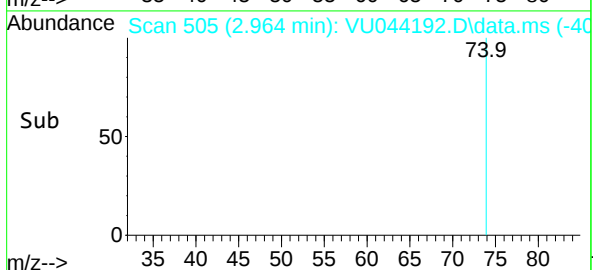
Tgt Ion: 43 Resp: 14092
Ion Ratio Lower Upper
43 100
58 36.4 28.0 42.0

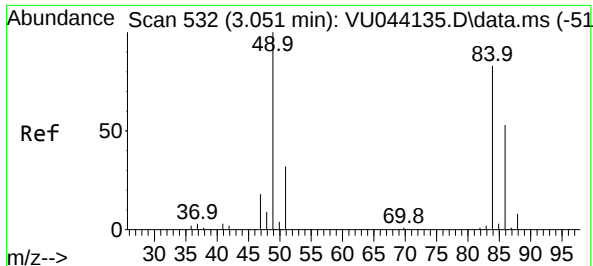


#18
Methyl Acetate
Concen: 0.433 ug/l
RT: 2.964 min Scan# 505
Delta R.T. 0.010 min
Lab File: VU044192.D
Acq: 14 Jun 2021 19:25



Tgt Ion: 43 Resp: 1478
Ion Ratio Lower Upper
43 100
74 11.6 20.3 30.5#





#20

Methylene Chloride

Concen: 2.687 ug/l

RT: 3.057 min Scan# 534

Delta R.T. 0.006 min

Lab File: VU044192.D

Acq: 14 Jun 2021 19:25

Tgt Ion: 84 Resp: 9149

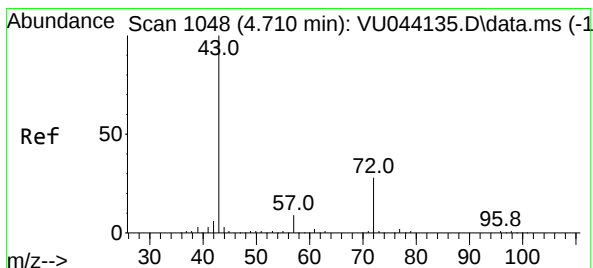
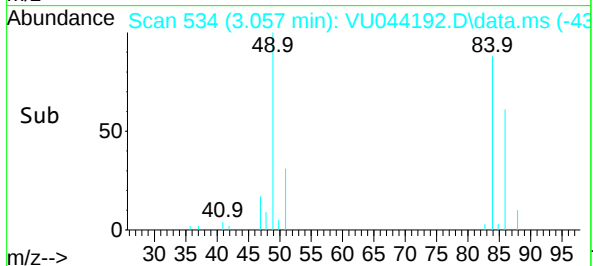
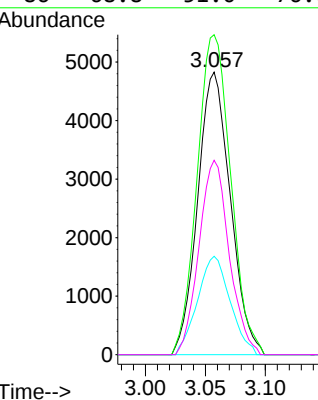
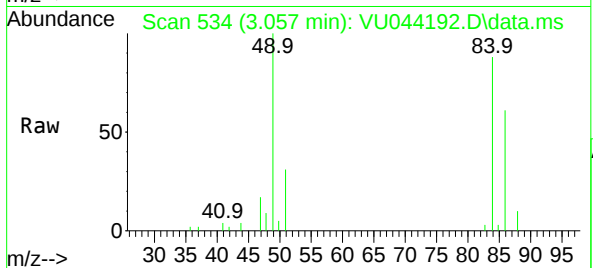
Ion Ratio Lower Upper

84 100

49 113.3 96.9 145.3

51 34.8 31.0 46.6

86 68.8 51.0 76.6



#25

2-Butanone

Concen: 1.545 ug/l

RT: 4.729 min Scan# 1054

Delta R.T. 0.019 min

Lab File: VU044192.D

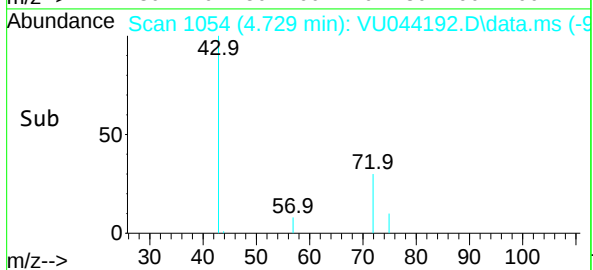
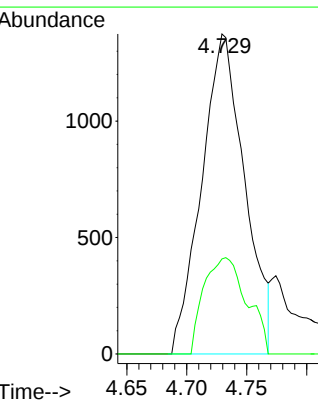
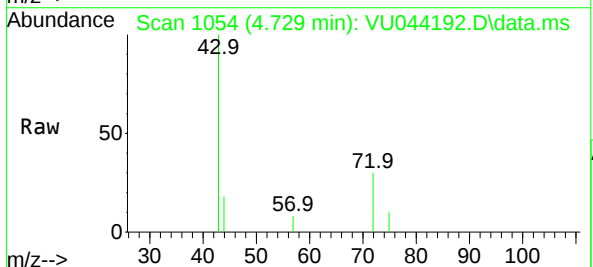
Acq: 14 Jun 2021 19:25

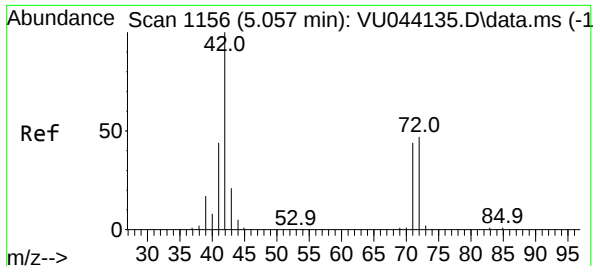
Tgt Ion: 43 Resp: 3425

Ion Ratio Lower Upper

43 100

72 29.7 22.6 33.8





#29

Tetrahydrofuran

Concen: 0.459 ug/l

RT: 5.083 min Scan# 1164

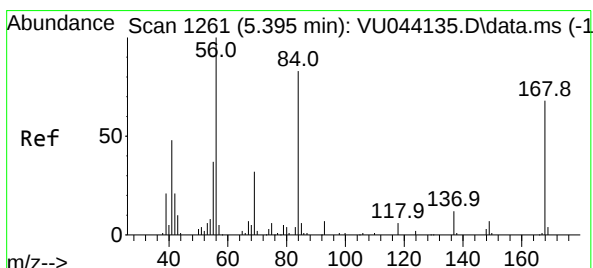
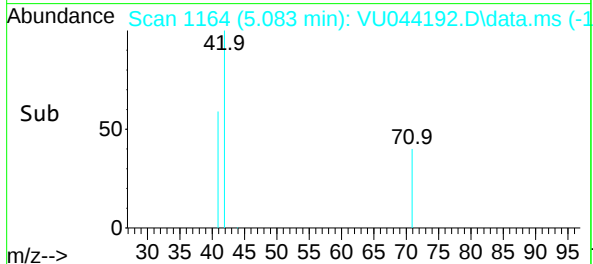
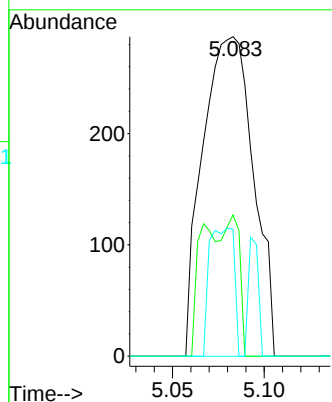
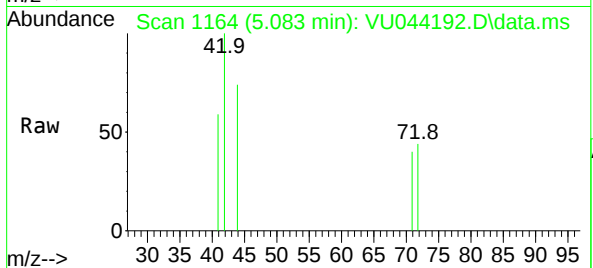
Delta R.T. 0.026 min

Lab File: VU044192.D

Acq: 14 Jun 2021 19:25

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:	42	Resp:	553
Ion	Ratio	Lower	Upper
42	100		
72	15.2	38.6	57.8#
71	19.3	35.5	53.3#



#31

Cyclohexane

Concen: 1.011 ug/l

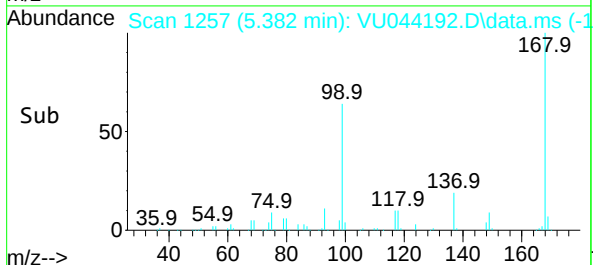
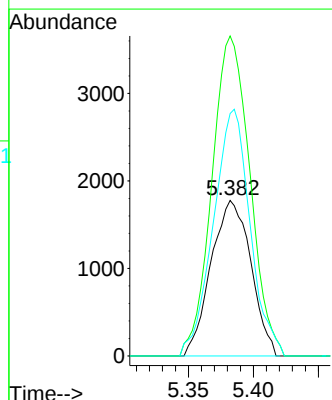
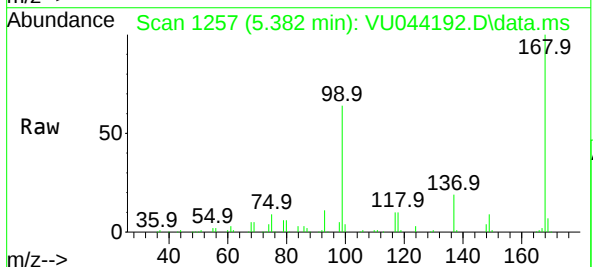
RT: 5.382 min Scan# 1257

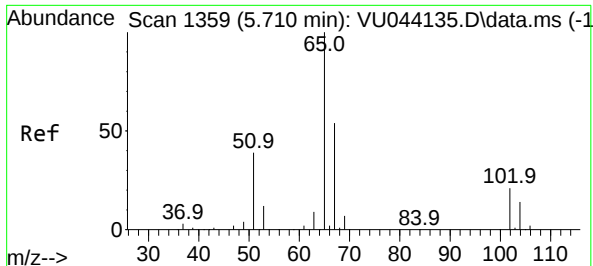
Delta R.T. -0.013 min

Lab File: VU044192.D

Acq: 14 Jun 2021 19:25

Tgt Ion:	56	Resp:	3790
Ion	Ratio	Lower	Upper
56	100		
69	205.7	25.5	38.3#
84	155.8	66.3	99.5#



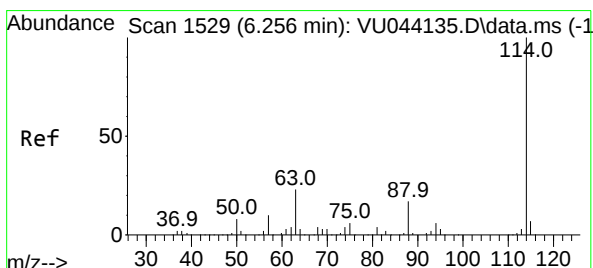
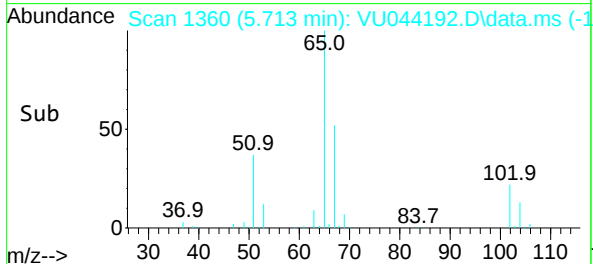
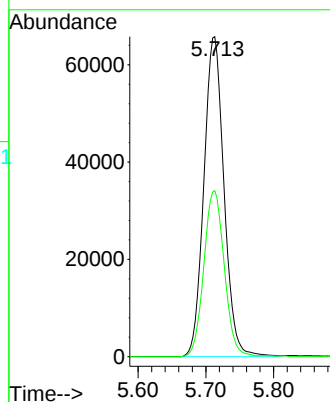
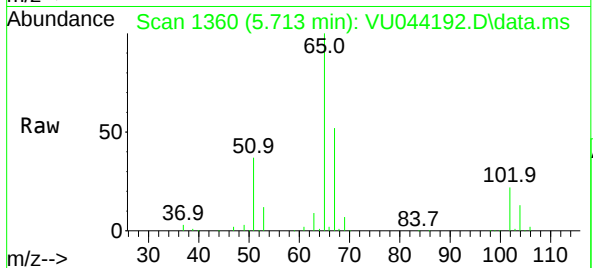


#33

1,2-Dichloroethane-d4
Concen: 51.158 ug/l
RT: 5.713 min Scan# 1360
Delta R.T. 0.003 min
Lab File: VU044192.D
Acq: 14 Jun 2021 19:25

Instrument :
MSVOA_U
ClientSampled :

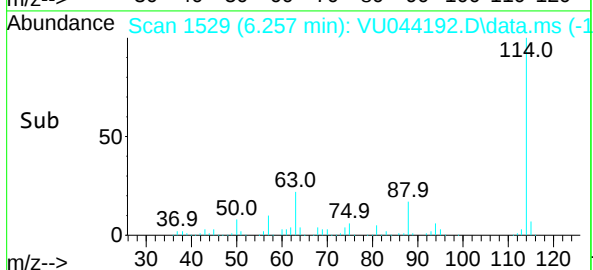
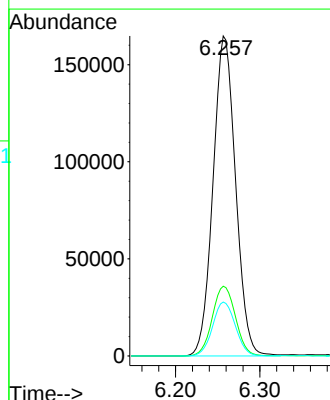
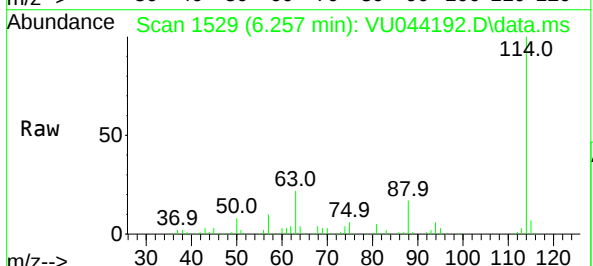
Tgt Ion: 65 Resp: 135893
Ion Ratio Lower Upper
65 100
67 52.6 0.0 106.6

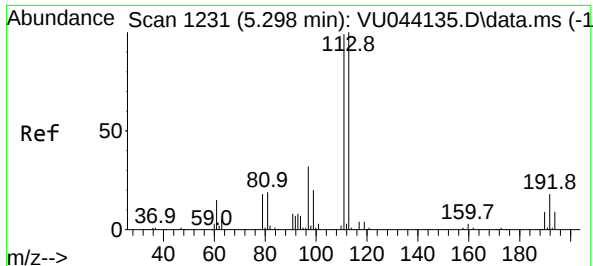


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.257 min Scan# 1529
Delta R.T. 0.001 min
Lab File: VU044192.D
Acq: 14 Jun 2021 19:25

Tgt Ion: 114 Resp: 306063
Ion Ratio Lower Upper
114 100
63 21.8 0.0 45.8
88 16.8 0.0 34.0

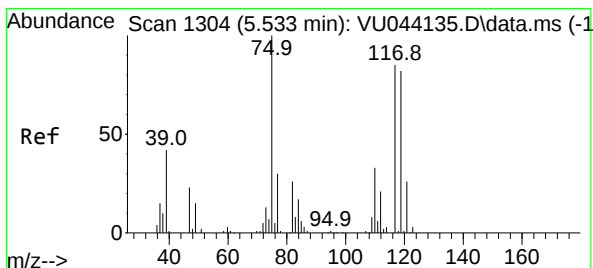
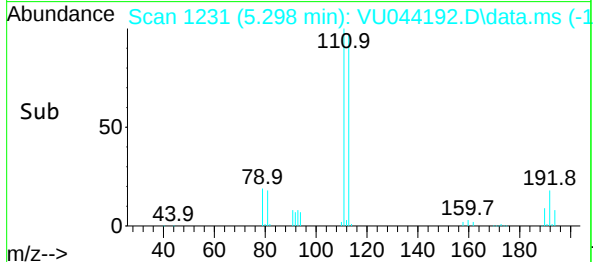
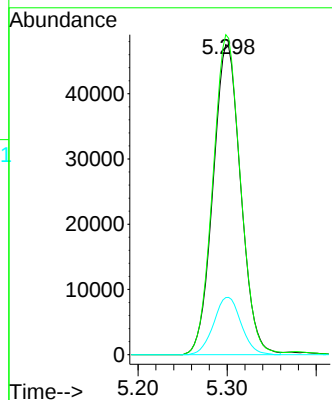
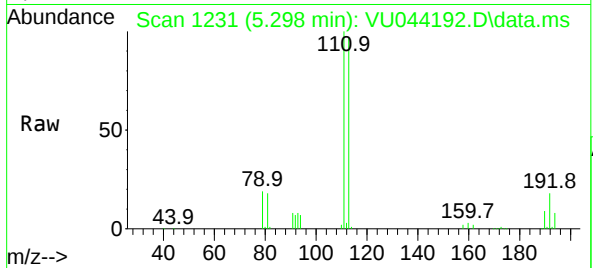




#35
Dibromofluoromethane
Concen: 48.103 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU044192.D
Acq: 14 Jun 2021 19:25

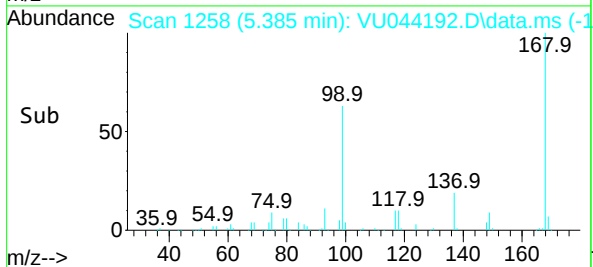
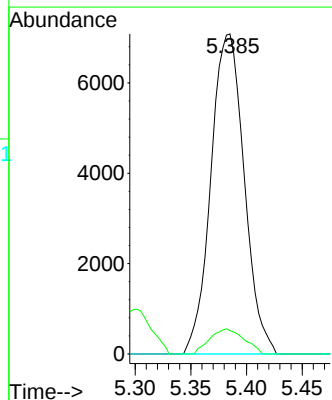
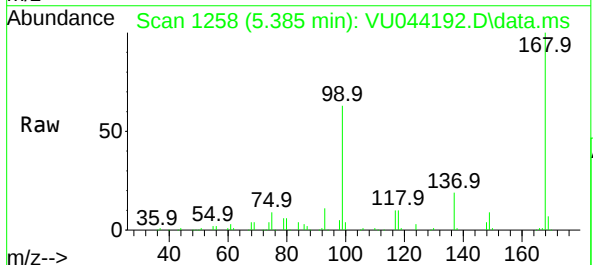
Instrument :
MSVOA_U
ClientSampleId :

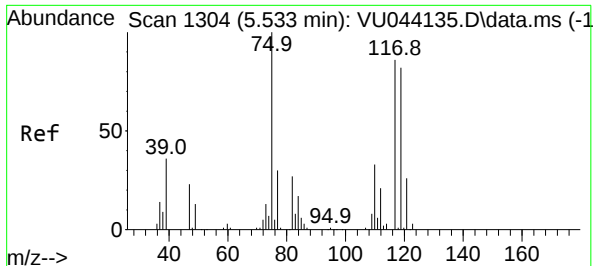
Tgt Ion:113 Resp: 102415
Ion Ratio Lower Upper
113 100
111 102.8 81.0 121.4
192 18.4 14.3 21.5



#36
1,1-Dichloropropene
Concen: 4.328 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.148 min
Lab File: VU044192.D
Acq: 14 Jun 2021 19:25

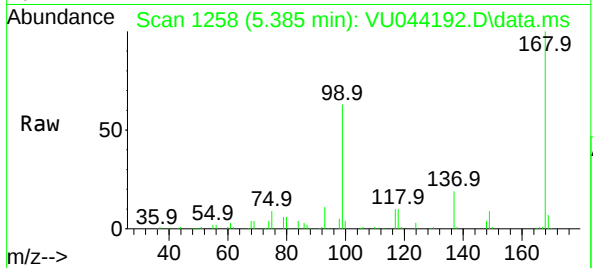
Tgt Ion: 75 Resp: 14739
Ion Ratio Lower Upper
75 100
110 8.0 16.4 49.4#
77 0.0 24.7 37.1#



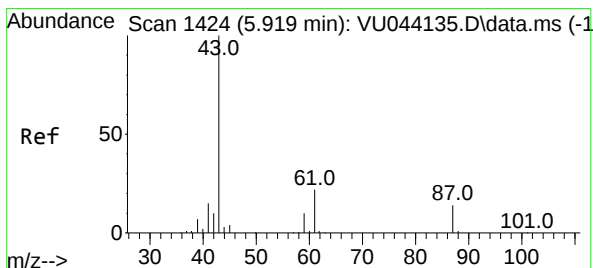
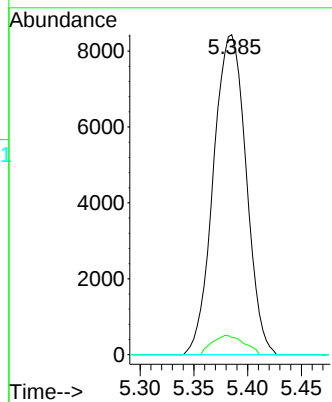
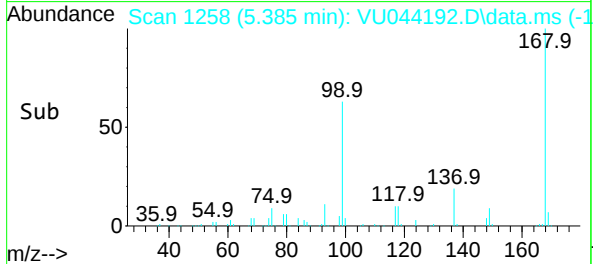


#38
Carbon Tetrachloride
Concen: 5.804 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.148 min
Lab File: VU044192.D
Acq: 14 Jun 2021 19:25

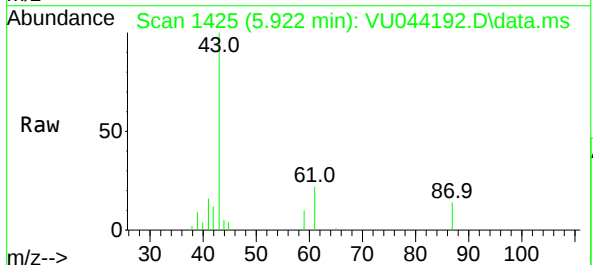
Instrument :
MSVOA_U
ClientSampled :



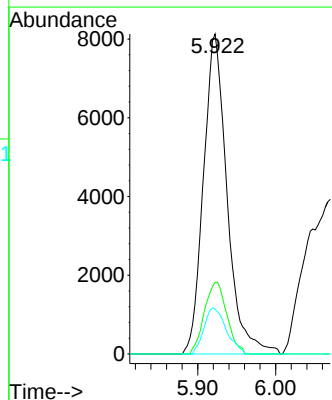
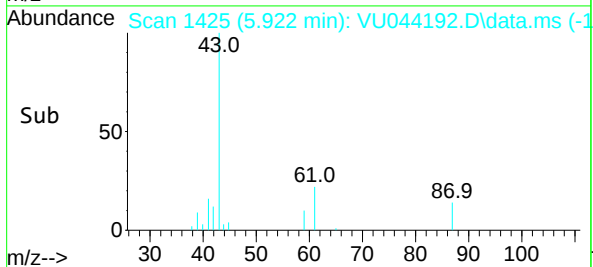
Tgt Ion:117 Resp: 17844
Ion Ratio Lower Upper
117 100
119 5.4 76.6 114.8#
121 0.0 24.6 36.8#

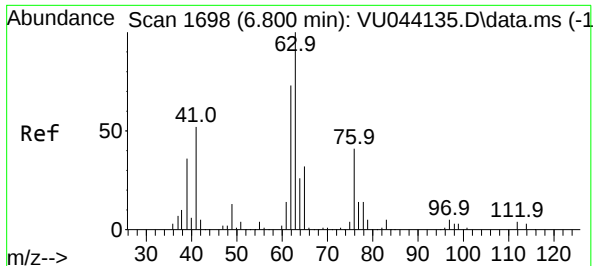


#43
Isopropyl Acetate
Concen: 2.964 ug/l
RT: 5.922 min Scan# 1425
Delta R.T. 0.003 min
Lab File: VU044192.D
Acq: 14 Jun 2021 19:25



Tgt Ion: 43 Resp: 17149
Ion Ratio Lower Upper
43 100
61 21.2 17.8 26.8
87 13.5 11.1 16.7



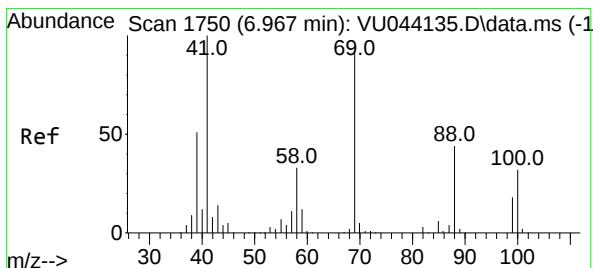
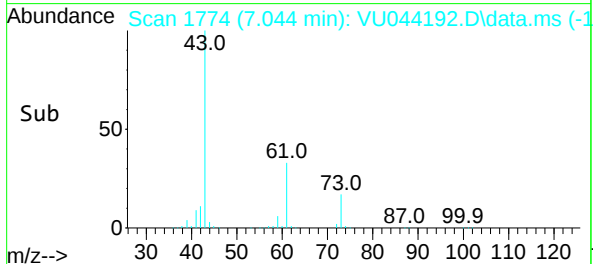
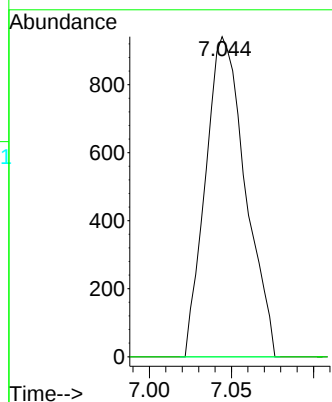
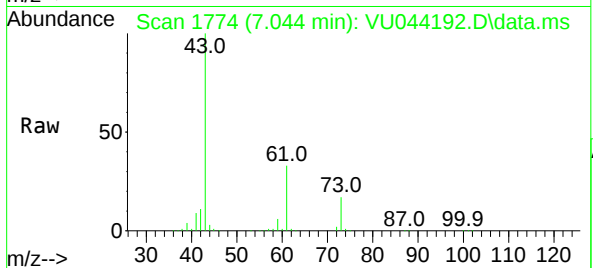


#45

1,2-Dichloropropane
Concen: 0.579 ug/l
RT: 7.044 min Scan# 1774
Delta R.T. 0.244 min
Lab File: VU044192.D
Acq: 14 Jun 2021 19:25

Instrument :
MSVOA_U
ClientSampled :

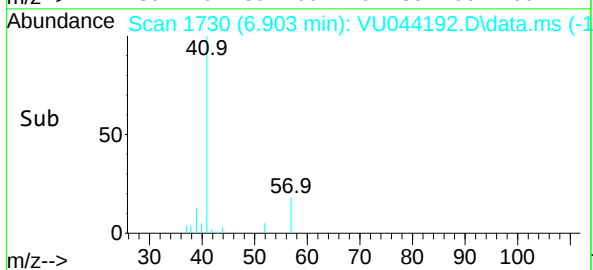
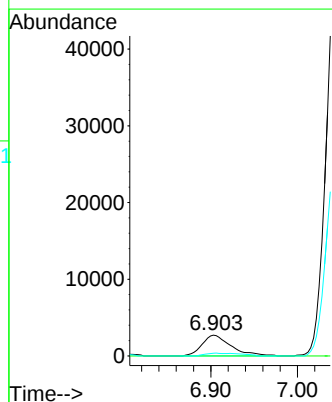
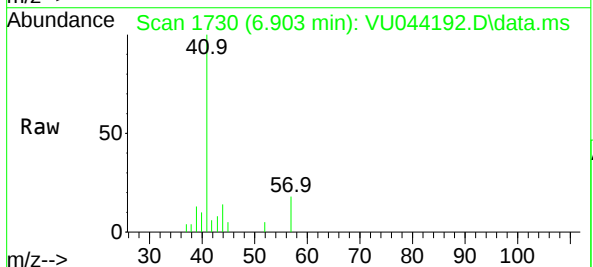
Tgt Ion: 63 Resp: 1588
Ion Ratio Lower Upper
63 100
65 0.0 25.7 38.5#

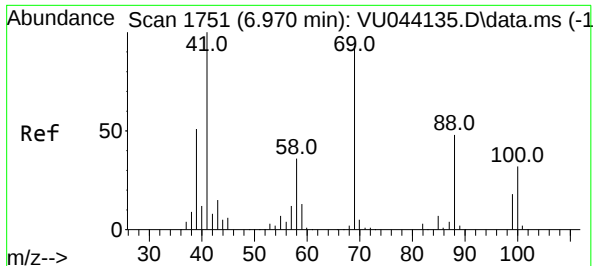


#48

Methyl methacrylate
Concen: 2.253 ug/l
RT: 6.903 min Scan# 1730
Delta R.T. -0.064 min
Lab File: VU044192.D
Acq: 14 Jun 2021 19:25

Tgt Ion: 41 Resp: 6343
Ion Ratio Lower Upper
41 100
69 0.0 74.0 111.0#
39 0.0 41.5 62.3#





#49

1,4-Dioxane

Concen: 1.141 ug/l

RT: 7.044 min Scan# 1774

Delta R.T. 0.074 min

Lab File: VU044192.D

Acq: 14 Jun 2021 19:25

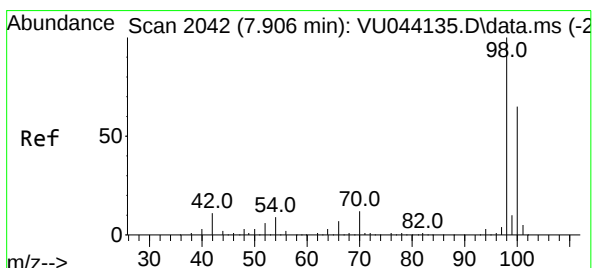
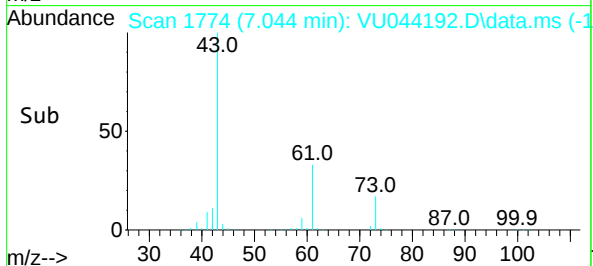
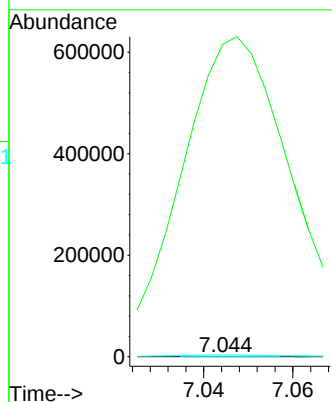
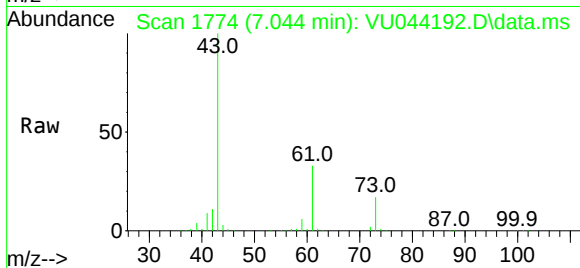
Tgt Ion: 88 Resp: 84

Ion Ratio Lower Upper

88 100

43 1378123.8 23.4 35.0#

58 7516.7 58.1 87.1#



#50

Toluene-d8

Concen: 49.142 ug/l

RT: 7.906 min Scan# 2042

Delta R.T. -0.000 min

Lab File: VU044192.D

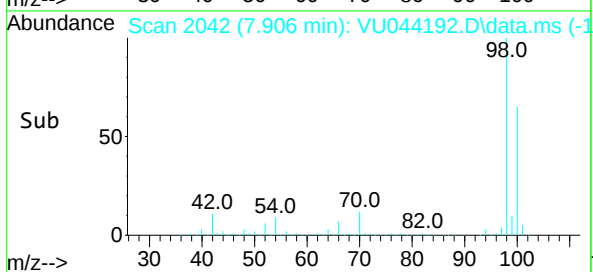
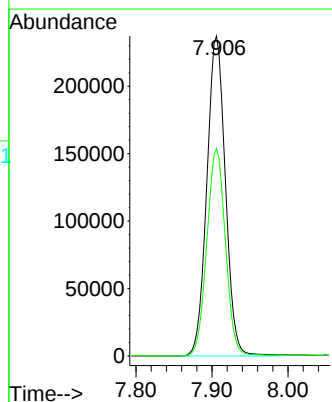
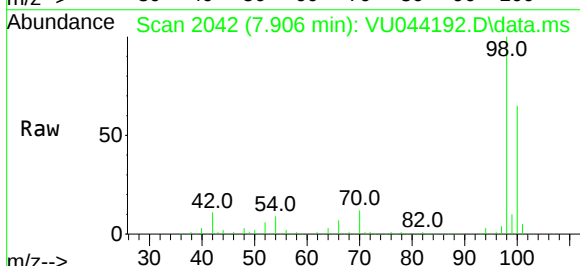
Acq: 14 Jun 2021 19:25

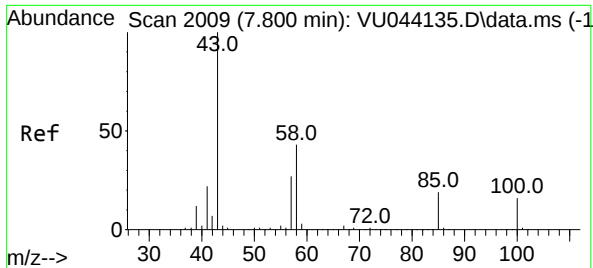
Tgt Ion: 98 Resp: 401815

Ion Ratio Lower Upper

98 100

100 65.3 52.2 78.4

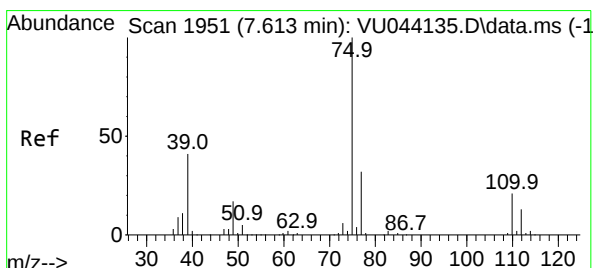
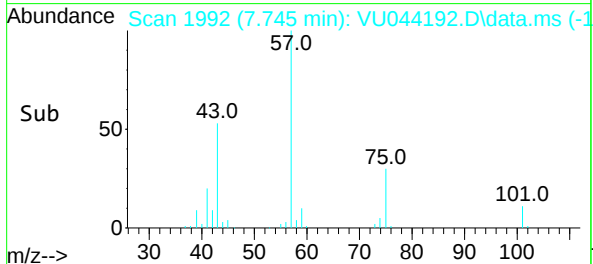
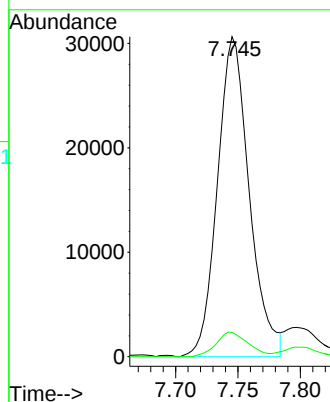
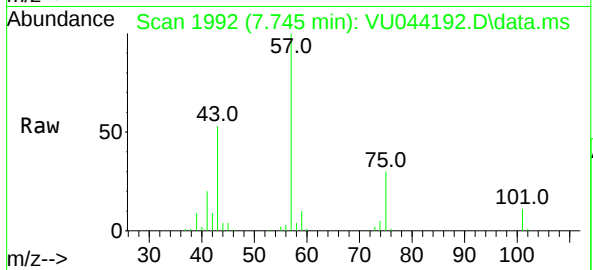




#51
4-Methyl-2-Pentanone
Concen: 13.014 ug/l
RT: 7.745 min Scan# 1992
Delta R.T. -0.055 min
Lab File: VU044192.D
Acq: 14 Jun 2021 19:25

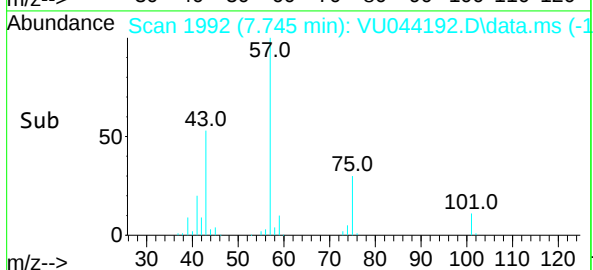
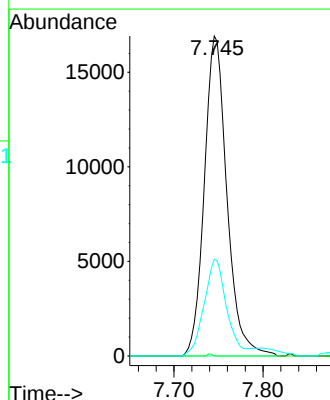
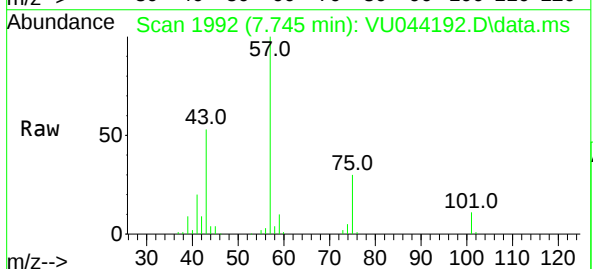
Instrument :
MSVOA_U
ClientSampled :

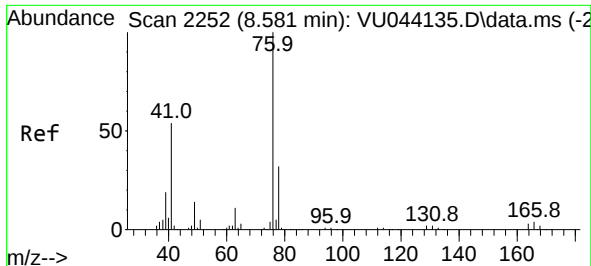
Tgt Ion: 43 Resp: 54494
Ion Ratio Lower Upper
43 100
58 7.7 34.5 51.7#



#54
cis-1,3-Dichloropropene
Concen: 7.262 ug/l
RT: 7.745 min Scan# 1992
Delta R.T. 0.132 min
Lab File: VU044192.D
Acq: 14 Jun 2021 19:25

Tgt Ion: 75 Resp: 29801
Ion Ratio Lower Upper
75 100
77 0.0 25.9 38.9#
39 30.2 33.2 49.8#



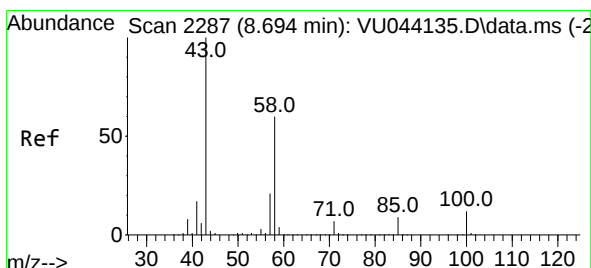
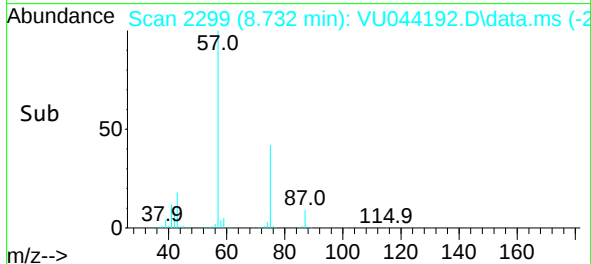
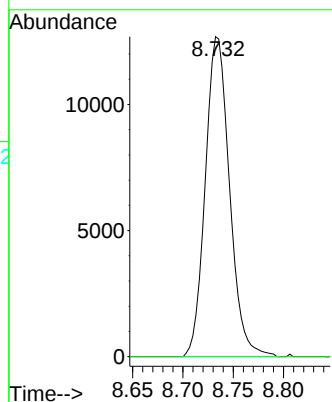
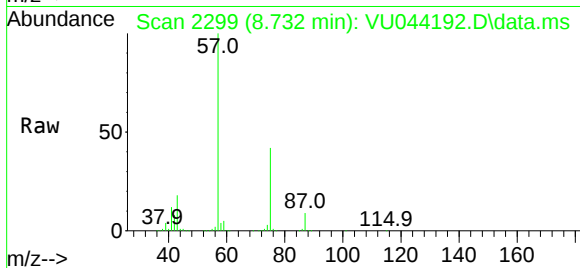


#57

1,3-Dichloropropane
Concen: 4.781 ug/l
RT: 8.732 min Scan# 2299
Delta R.T. 0.151 min
Lab File: VU044192.D
Acq: 14 Jun 2021 19:25

Instrument :
MSVOA_U
ClientSampled :

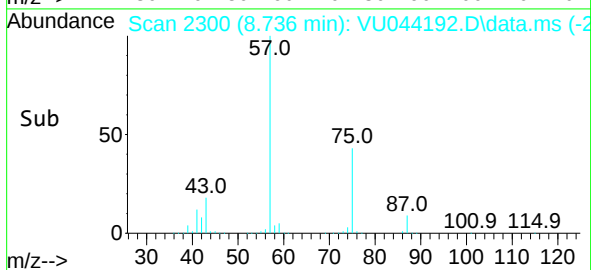
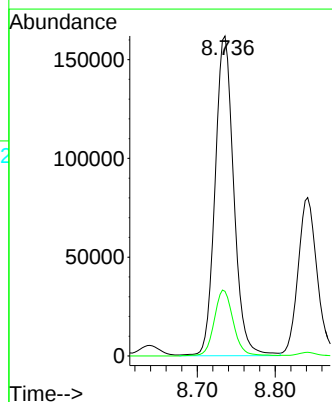
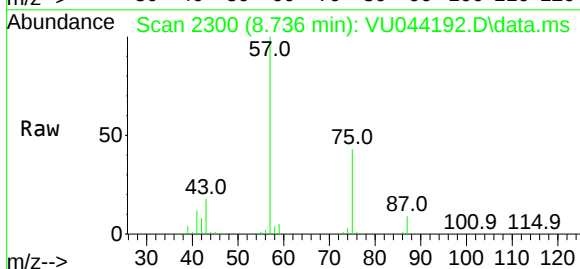
Tgt Ion: 76 Resp: 21309
Ion Ratio Lower Upper
76 100
78 0.0 25.9 38.9#

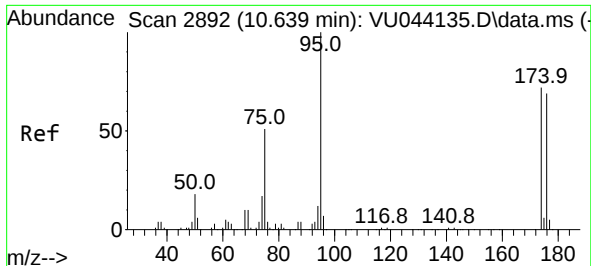


#59

2-Hexanone
Concen: 80.790 ug/l
RT: 8.736 min Scan# 2300
Delta R.T. 0.042 min
Lab File: VU044192.D
Acq: 14 Jun 2021 19:25

Tgt Ion: 43 Resp: 269978
Ion Ratio Lower Upper
43 100
58 21.1 30.0 90.1#

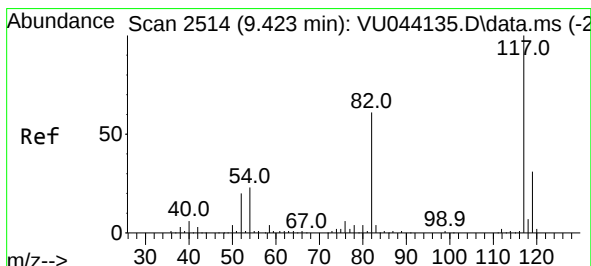
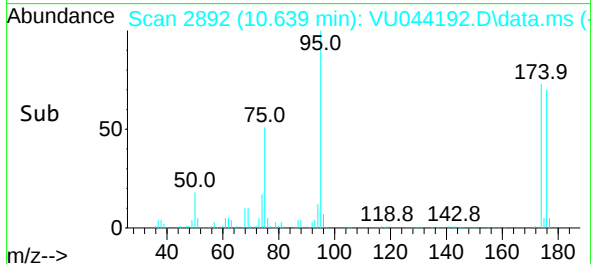
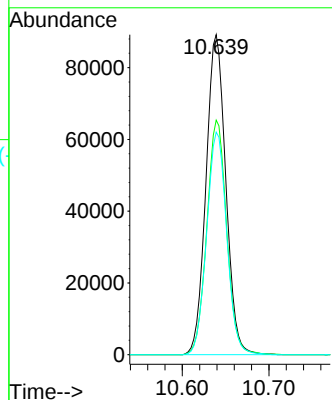
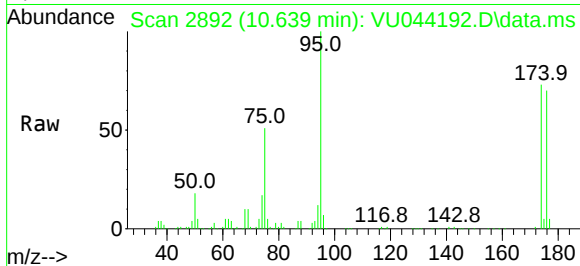




#62
4-Bromofluorobenzene
Concen: 43.207 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.000 min
Lab File: VU044192.D
Acq: 14 Jun 2021 19:25

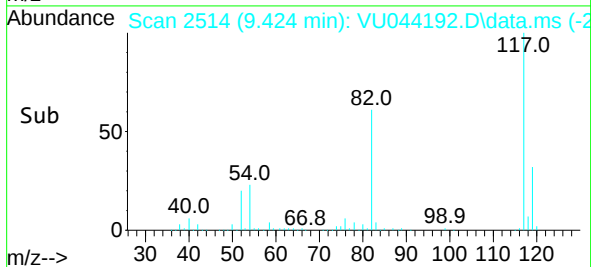
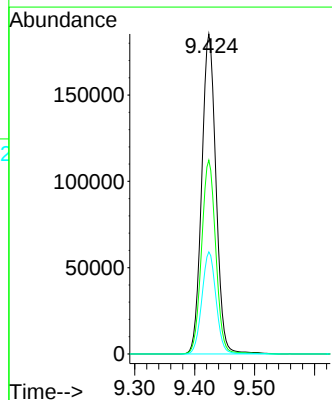
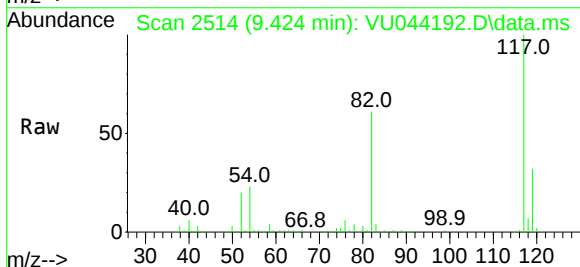
Instrument :
MSVOA_U
ClientSampleId :

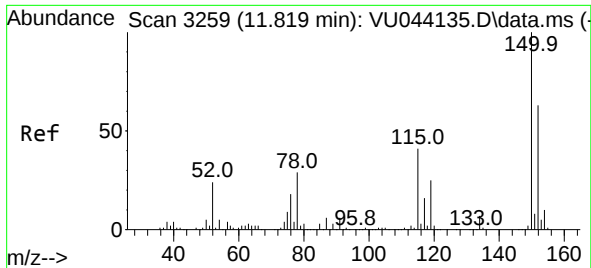
Tgt Ion: 95 Resp: 141578
Ion Ratio Lower Upper
95 100
174 73.6 0.0 144.4
176 70.4 0.0 138.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.424 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU044192.D
Acq: 14 Jun 2021 19:25

Tgt Ion: 117 Resp: 307492
Ion Ratio Lower Upper
117 100
82 60.5 48.8 73.2
119 31.9 25.0 37.6

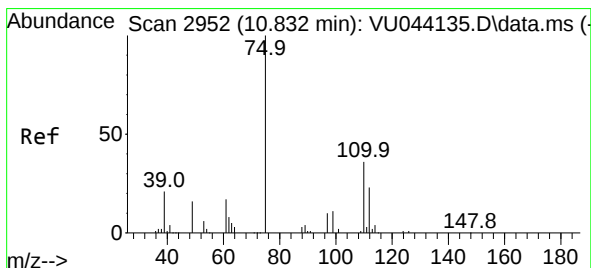
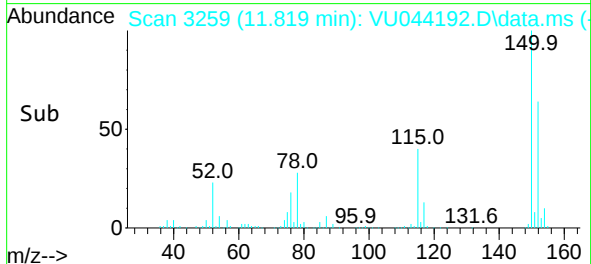
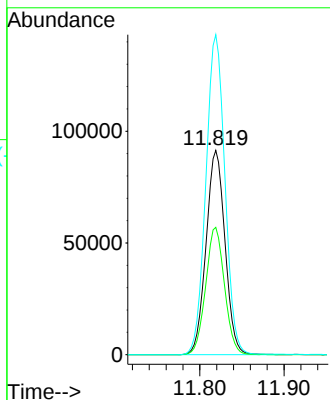
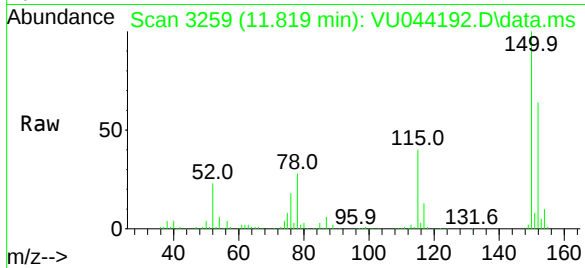




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.000 min
 Lab File: VU044192.D
 Acq: 14 Jun 2021 19:25

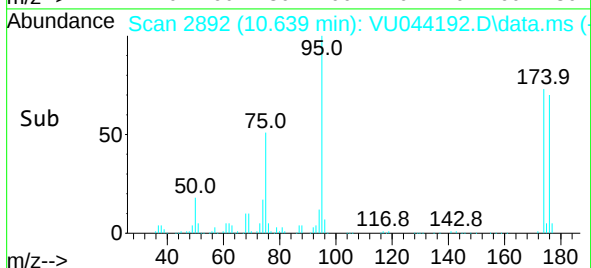
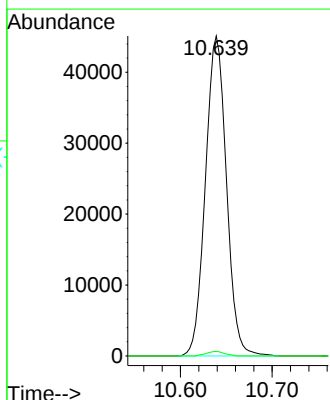
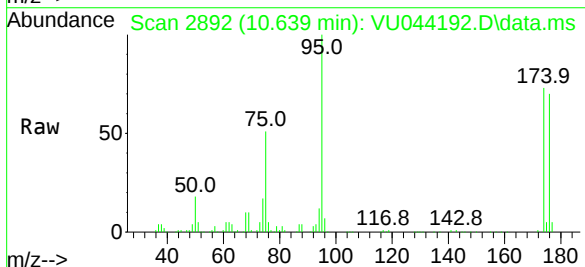
Instrument :
 MSVOA_U
 ClientSampled :

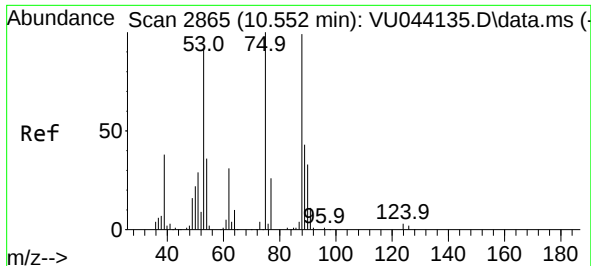
Tgt Ion:152 Resp: 143171
 Ion Ratio Lower Upper
 152 100
 115 61.9 43.8 131.3
 150 157.3 0.0 350.6



#76
 1,2,3-Trichloropropane
 Concen: 14.954 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.193 min
 Lab File: VU044192.D
 Acq: 14 Jun 2021 19:25

Tgt Ion: 75 Resp: 71784
 Ion Ratio Lower Upper
 75 100
 77 1.2 14.9 44.5#

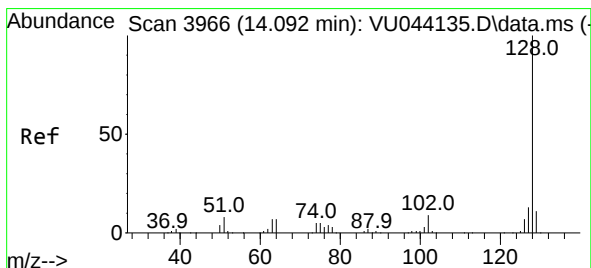
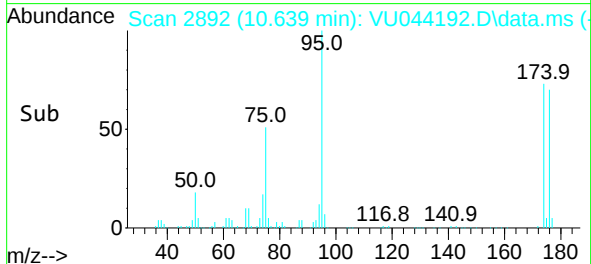
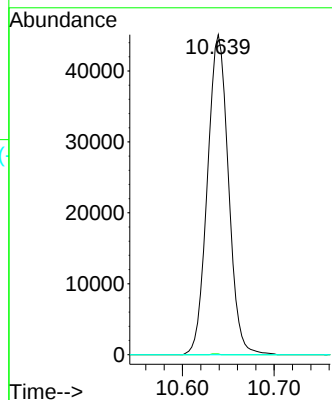
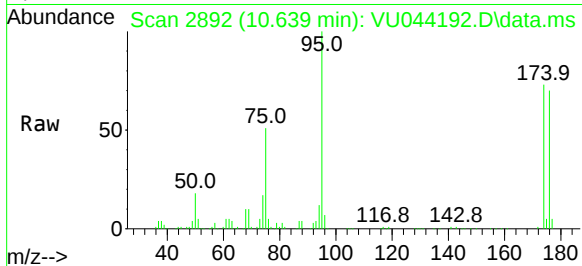




#81
trans-1,4-Dichloro-2-butene
Concen: 54.209 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.087 min
Lab File: VU044192.D
Acq: 14 Jun 2021 19:25

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 71784
Ion Ratio Lower Upper
75 100
53 0.1 74.2 111.2#
89 0.0 35.0 52.6#



#95
Naphthalene
Concen: 2.842 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU044192.D
Acq: 14 Jun 2021 19:25

Tgt Ion:128 Resp: 65
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

