

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061021\
 Data File : VU044160.D
 Acq On : 10 Jun 2021 16:57
 Operator : SY/MD
 Sample : M2651-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

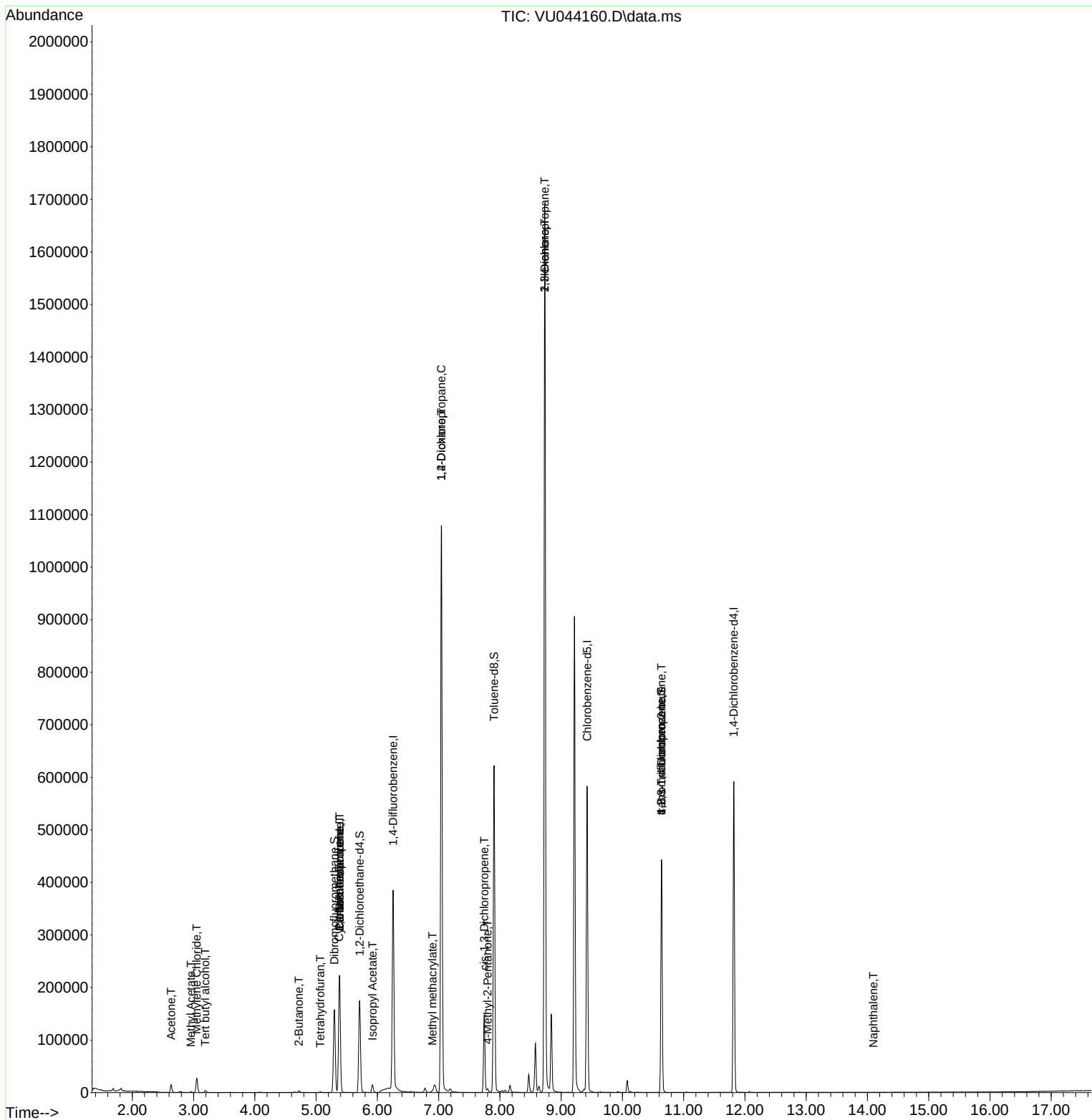
Quant Time: Jun 11 01:21:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U060921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 05:11:37 2021
 Response via : Initial Calibration

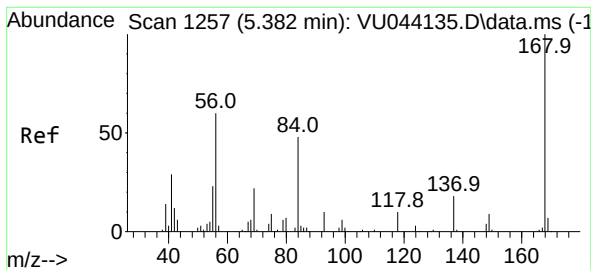
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.382	168	146700	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	297650	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.424	117	312992	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	148834	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	129011	55.301	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.600%	
35) Dibromofluoromethane	5.298	113	102611	49.558	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.120%	
50) Toluene-d8	7.906	98	406234	51.087	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.180%	
62) 4-Bromofluorobenzene	10.639	95	150270	47.155	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.320%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.524	50	453	Below Cal	#	64
6) Chloroethane	1.919	64	216	Below Cal	#	42
11) Tert butyl alcohol	3.192	59	2644	4.213	ug/l #	73
16) Acetone	2.633	43	16308	11.496	ug/l	96
18) Methyl Acetate	2.958	43	2039	0.679	ug/l #	75
20) Methylene Chloride	3.051	84	12862	5.040	ug/l	95
25) 2-Butanone	4.716	43	5137	2.638	ug/l	96
29) Tetrahydrofuran	5.070	42	822	0.777	ug/l #	63
31) Cyclohexane	5.375	56	3243	0.985	ug/l #	1
36) 1,1-Dichloropropene	5.382	75	12843	3.878	ug/l #	49
38) Carbon Tetrachloride	5.382	117	15694	5.249	ug/l #	17
43) Isopropyl Acetate	5.922	43	15015	2.669	ug/l	97
45) 1,2-Dichloropropane	7.044	63	1290	0.484	ug/l #	43
48) Methyl methacrylate	6.899	41	5332	1.947	ug/l #	11
49) 1,4-Dioxane	7.044	88	91	1.271	ug/l #	1
51) 4-Methyl-2-Pentanone	7.800	43	4481	1.100	ug/l	88
54) cis-1,3-Dichloropropene	7.745	75	26172	6.558	ug/l #	65
57) 1,3-Dichloropropane	8.732	76	16865	3.891	ug/l #	42
59) 2-Hexanone	8.732	43	216962	66.760	ug/l #	48
76) 1,2,3-Trichloropropane	10.639	75	77198	15.470	ug/l #	47
81) trans-1,4-Dichloro-2-b...	10.639	75	77198	56.079	ug/l #	13
95) Naphthalene	14.095	128	177	2.852	ug/l #	69

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

Quant Time: Jun 11 01:21:11 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

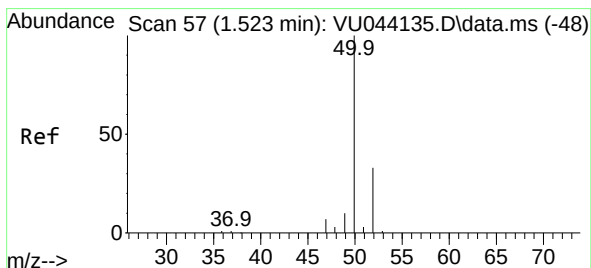
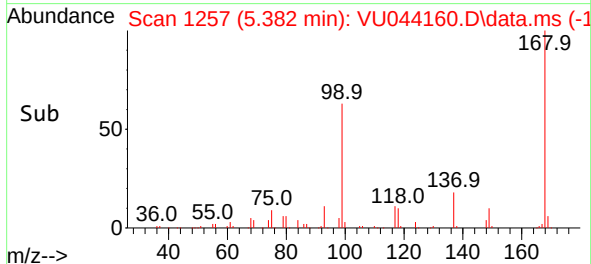
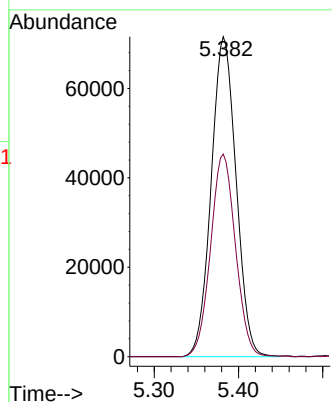
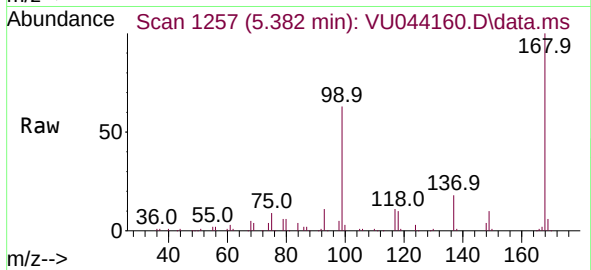




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU044160.D
Acq: 10 Jun 2021 16:57

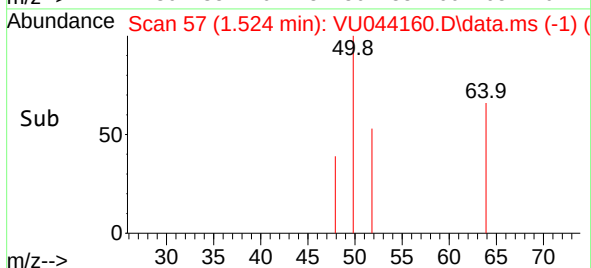
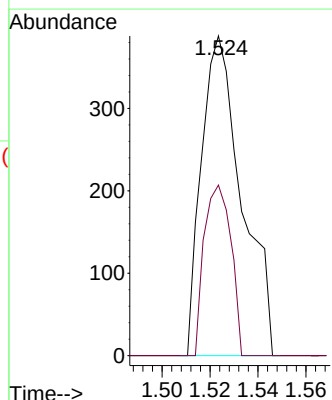
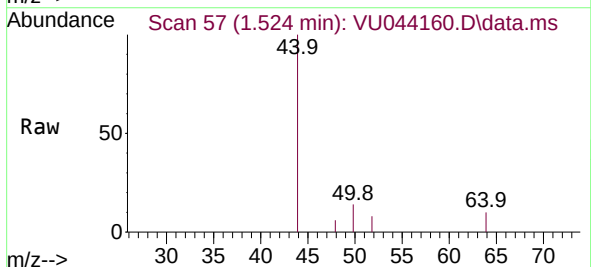
Instrument :
MSVOA_U
ClientSampleId :

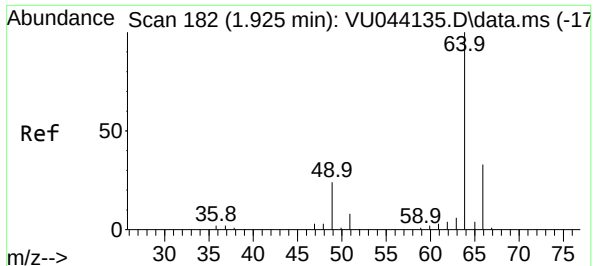
Tgt Ion:168 Resp: 146700
Ion Ratio Lower Upper
168 100
99 63.3 51.3 76.9



#3
Chloromethane
Concen: Below Cal
RT: 1.524 min Scan# 57
Delta R.T. 0.001 min
Lab File: VU044160.D
Acq: 10 Jun 2021 16:57

Tgt Ion: 50 Resp: 453
Ion Ratio Lower Upper
50 100
52 53.4 26.6 39.8#

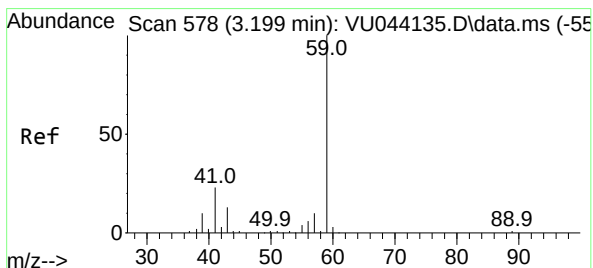
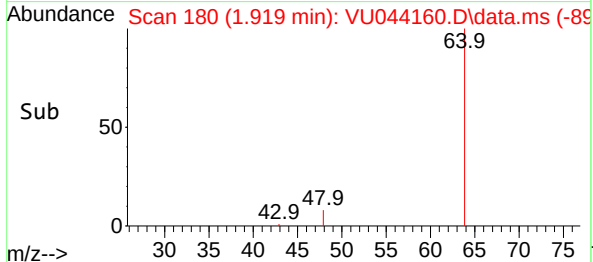
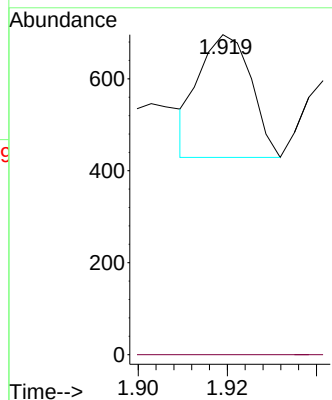
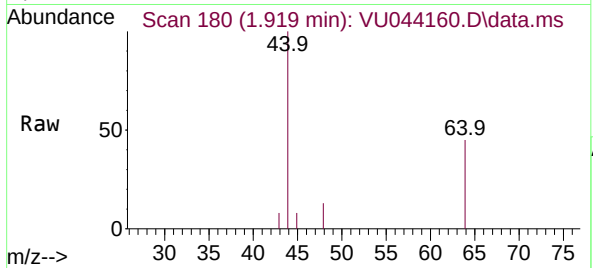




#6
Chloroethane
Concen: Below Cal
RT: 1.919 min Scan# 180
Delta R.T. -0.006 min
Lab File: VU044160.D
Acq: 10 Jun 2021 16:57

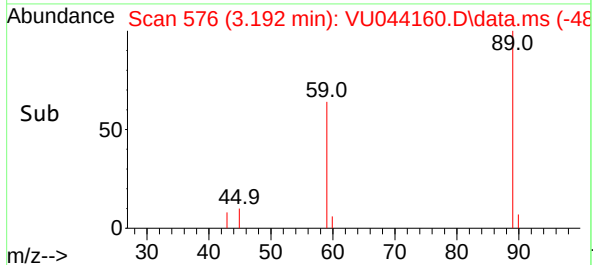
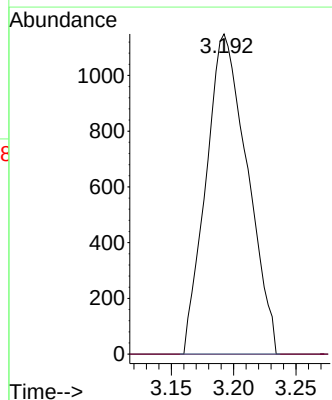
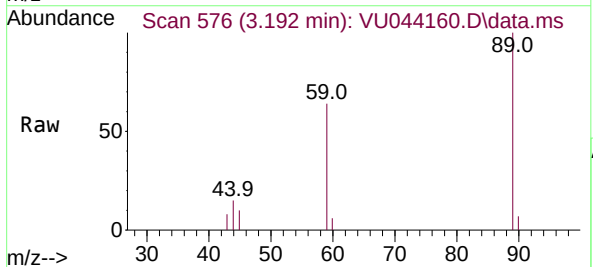
Instrument :
MSVOA_U
ClientSampled :

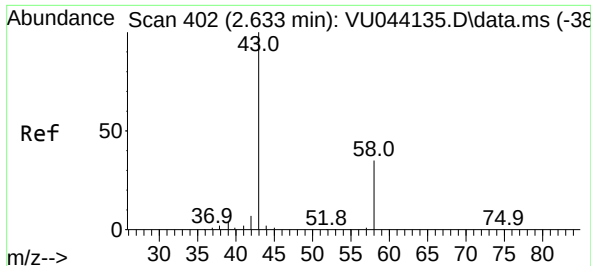
Tgt Ion: 64 Resp: 216
Ion Ratio Lower Upper
64 100
66 0.0 26.1 39.1#



#11
Tert butyl alcohol
Concen: 4.213 ug/l
RT: 3.192 min Scan# 576
Delta R.T. -0.007 min
Lab File: VU044160.D
Acq: 10 Jun 2021 16:57

Tgt Ion: 59 Resp: 2644
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

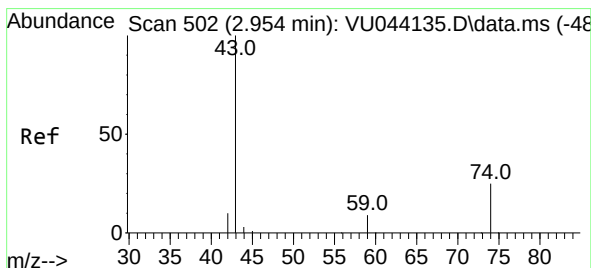
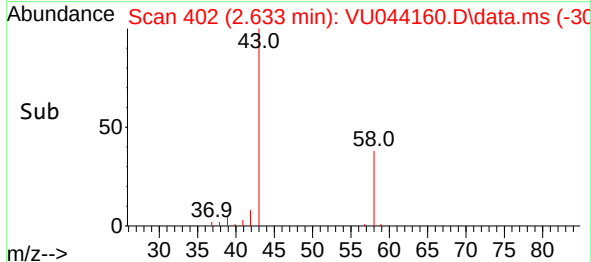
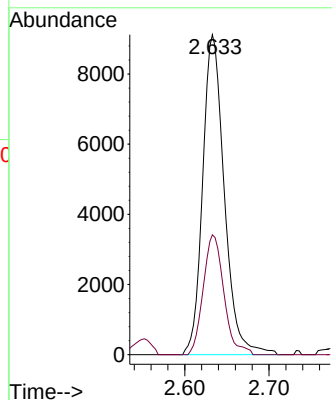
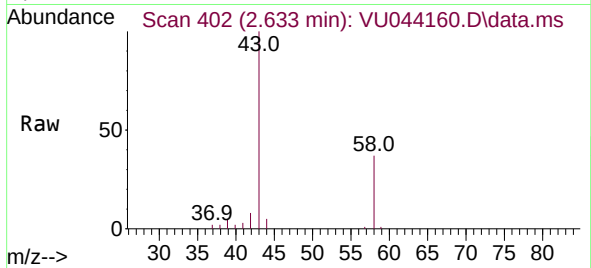




#16
Acetone
Concen: 11.496 ug/l
RT: 2.633 min Scan# 402
Delta R.T. -0.000 min
Lab File: VU044160.D
Acq: 10 Jun 2021 16:57

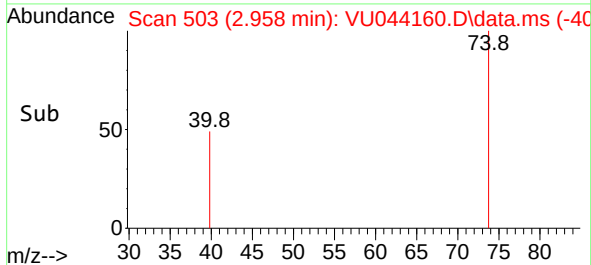
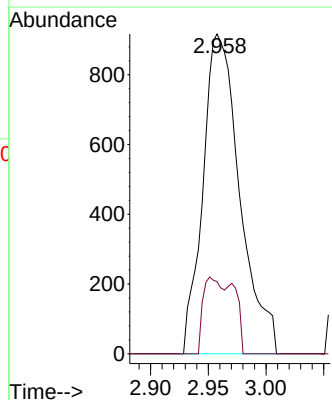
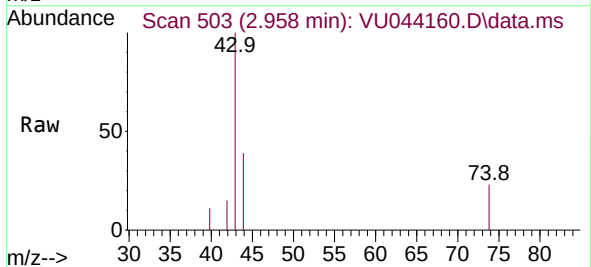
Instrument :
MSVOA_U
ClientSampleId :

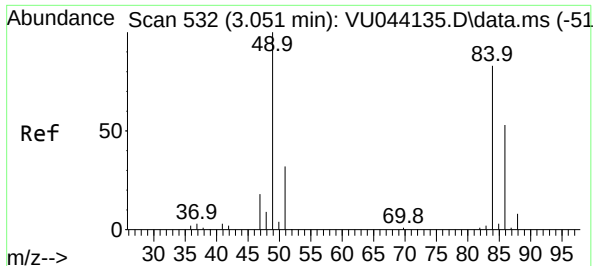
Tgt Ion: 43 Resp: 16308
Ion Ratio Lower Upper
43 100
58 37.4 28.0 42.0



#18
Methyl Acetate
Concen: 0.679 ug/l
RT: 2.958 min Scan# 503
Delta R.T. 0.004 min
Lab File: VU044160.D
Acq: 10 Jun 2021 16:57

Tgt Ion: 43 Resp: 2039
Ion Ratio Lower Upper
43 100
74 12.9 20.3 30.5#





#20

Methylene Chloride

Concen: 5.040 ug/l

RT: 3.051 min Scan# 532

Delta R.T. -0.000 min

Lab File: VU044160.D

Acq: 10 Jun 2021 16:57

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 84 Resp: 12862

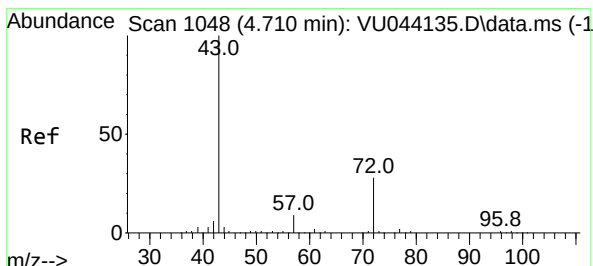
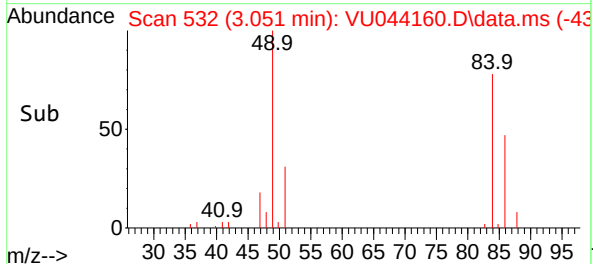
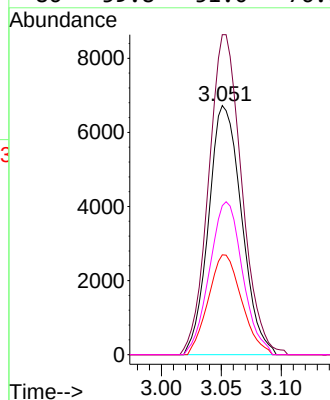
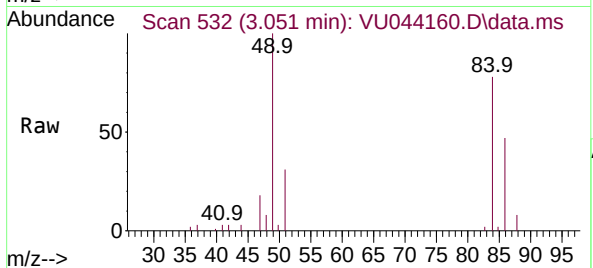
Ion Ratio Lower Upper

84 100

49 128.4 96.9 145.3

51 40.1 31.0 46.6

86 59.8 51.0 76.6



#25

2-Butanone

Concen: 2.638 ug/l

RT: 4.716 min Scan# 1050

Delta R.T. 0.006 min

Lab File: VU044160.D

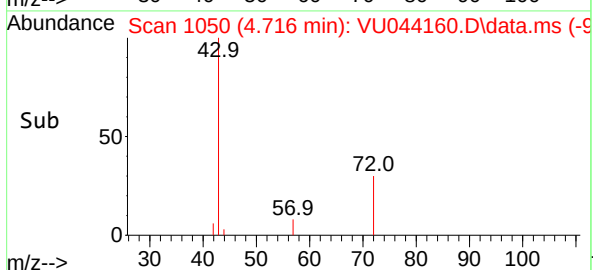
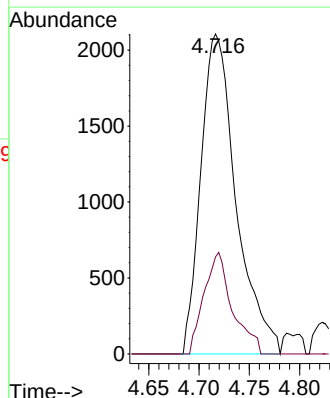
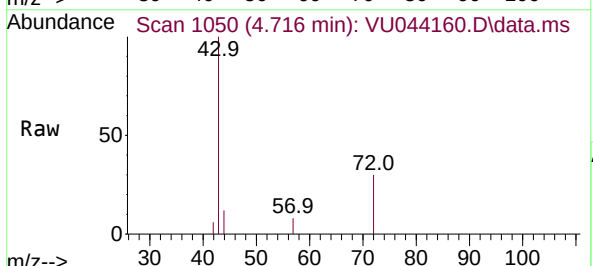
Acq: 10 Jun 2021 16:57

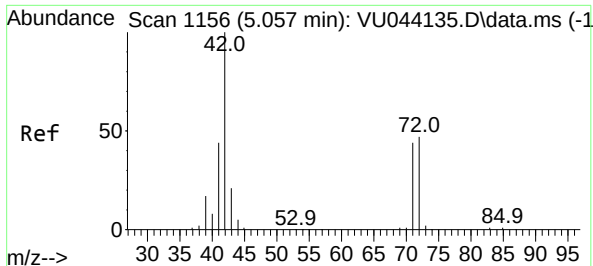
Tgt Ion: 43 Resp: 5137

Ion Ratio Lower Upper

43 100

72 30.3 22.6 33.8





#29

Tetrahydrofuran

Concen: 0.777 ug/l

RT: 5.070 min Scan# 1160

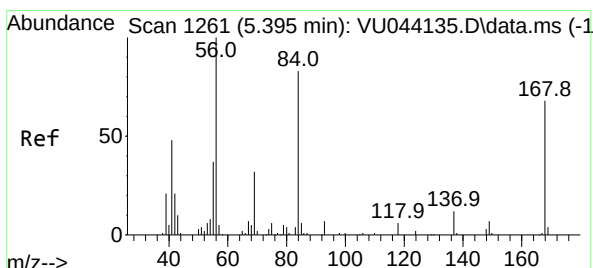
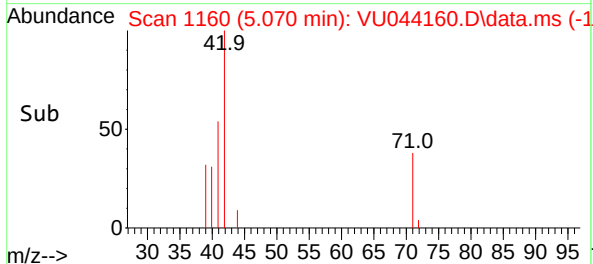
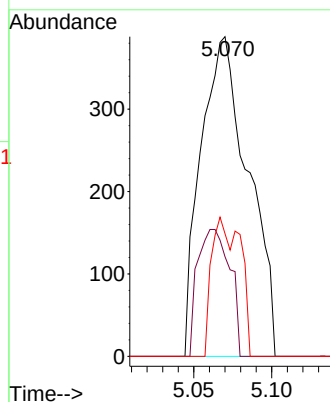
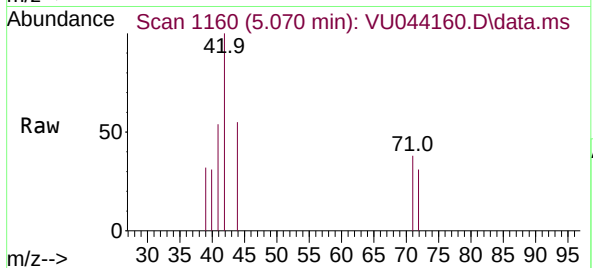
Delta R.T. 0.013 min

Lab File: VU044160.D

Acq: 10 Jun 2021 16:57

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 42	Resp: 822
Ion Ratio	Lower Upper
42	100
72	27.0 38.6 57.8#
71	16.5 35.5 53.3#



#31

Cyclohexane

Concen: 0.985 ug/l

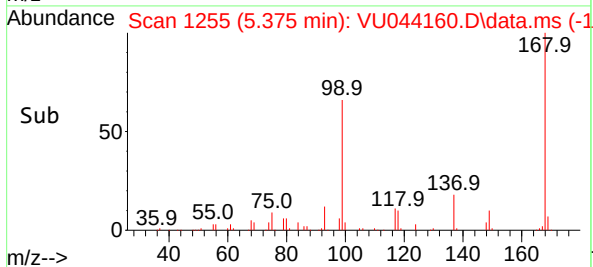
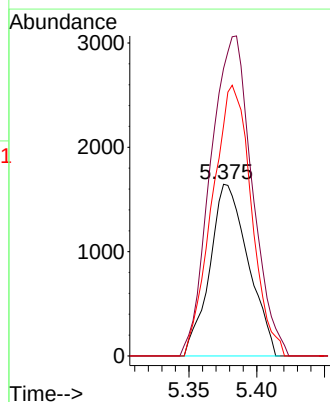
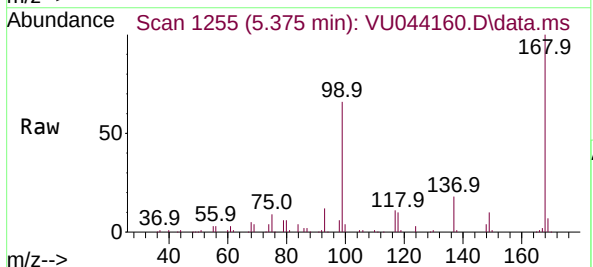
RT: 5.375 min Scan# 1255

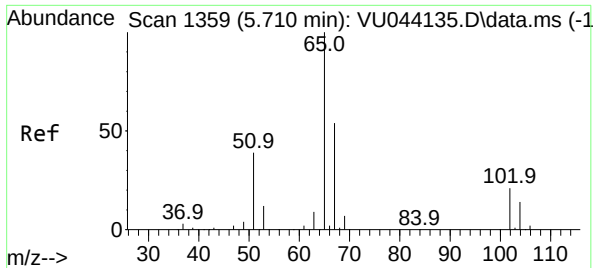
Delta R.T. -0.020 min

Lab File: VU044160.D

Acq: 10 Jun 2021 16:57

Tgt Ion: 56	Resp: 3243
Ion Ratio	Lower Upper
56	100
69	167.5 25.5 38.3#
84	134.2 66.3 99.5#

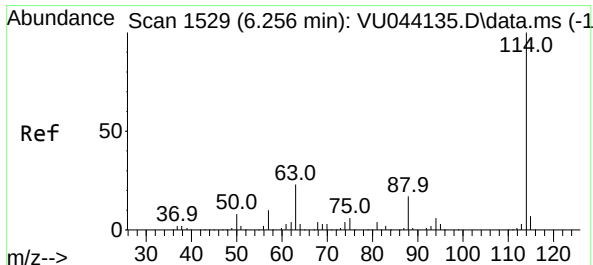
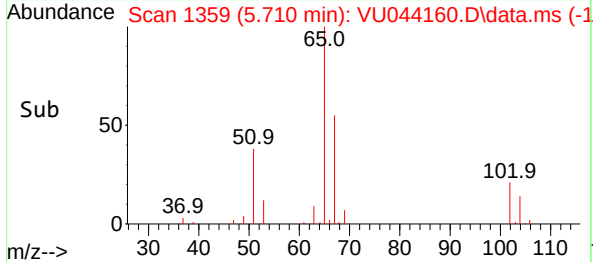
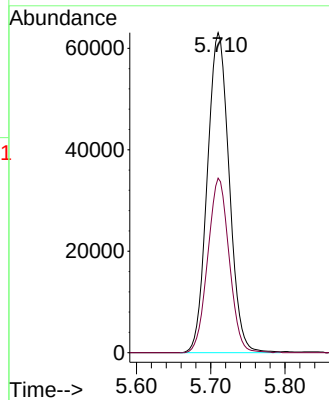
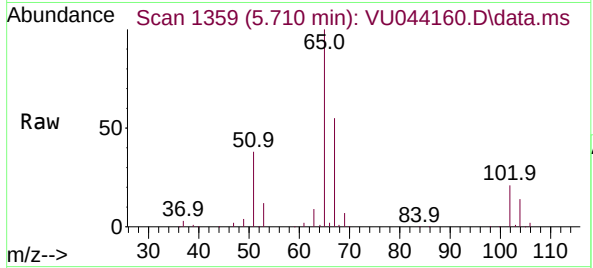




#33
1,2-Dichloroethane-d4
Concen: 55.301 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU044160.D
Acq: 10 Jun 2021 16:57

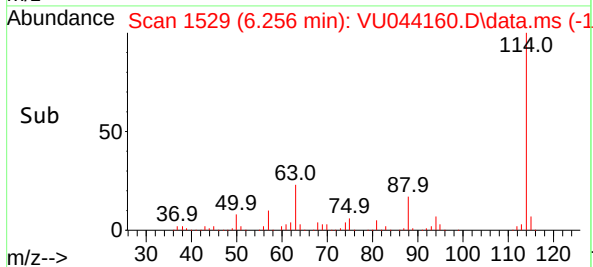
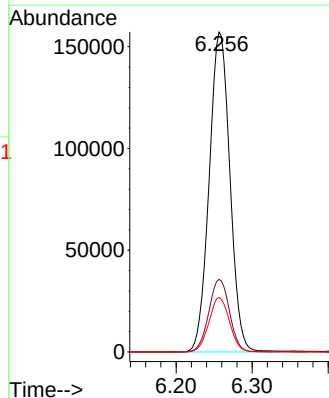
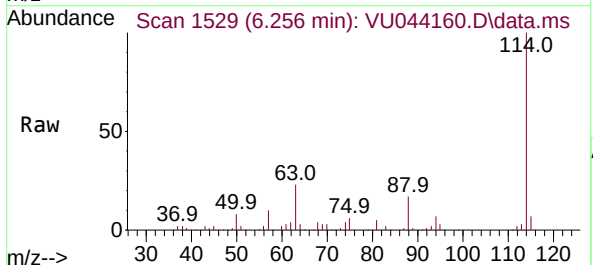
Instrument :
MSVOA_U
ClientSampled :

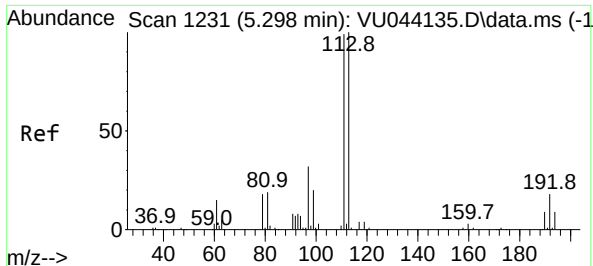
Tgt Ion: 65 Resp: 129011
Ion Ratio Lower Upper
65 100
67 53.4 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU044160.D
Acq: 10 Jun 2021 16:57

Tgt Ion: 114 Resp: 297650
Ion Ratio Lower Upper
114 100
63 22.7 0.0 45.8
88 17.1 0.0 34.0

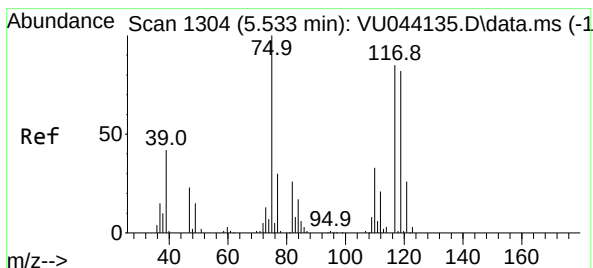
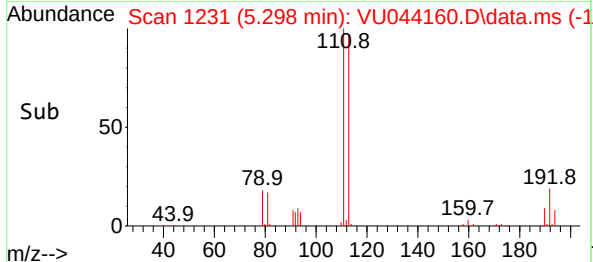
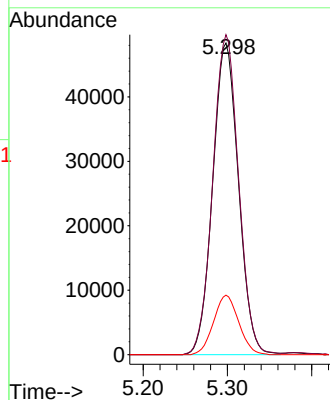
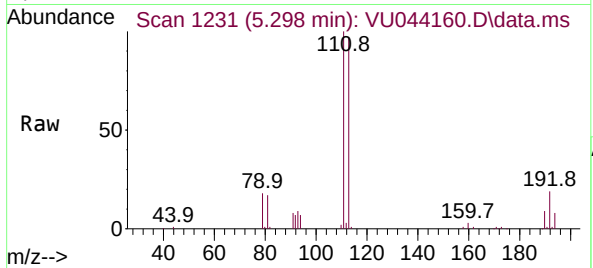




#35
Dibromofluoromethane
Concen: 49.558 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU044160.D
Acq: 10 Jun 2021 16:57

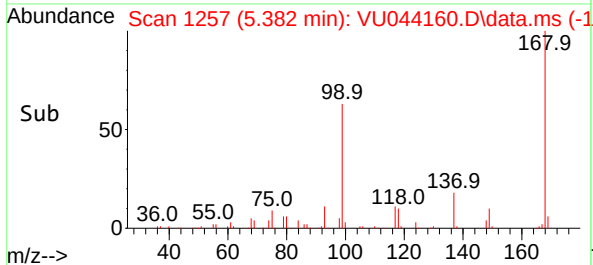
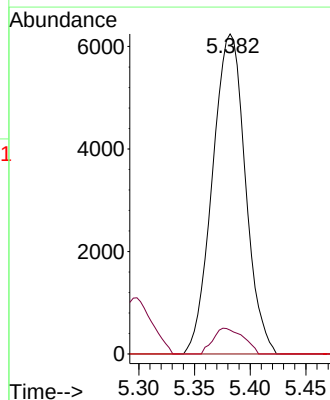
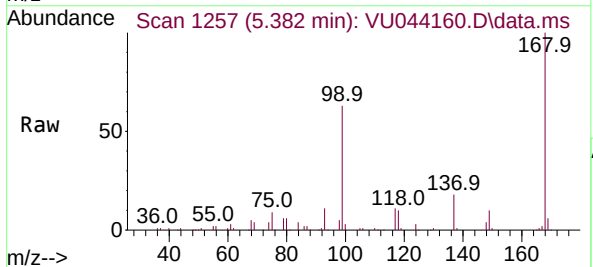
Instrument :
MSVOA_U
ClientSampleId :

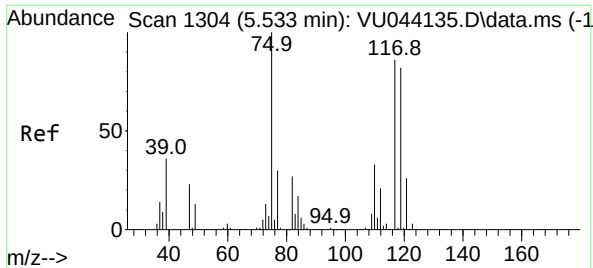
Tgt Ion:	113	Resp:	102611
Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.0	121.4
192	18.7	14.3	21.5



#36
1,1-Dichloropropene
Concen: 3.878 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU044160.D
Acq: 10 Jun 2021 16:57

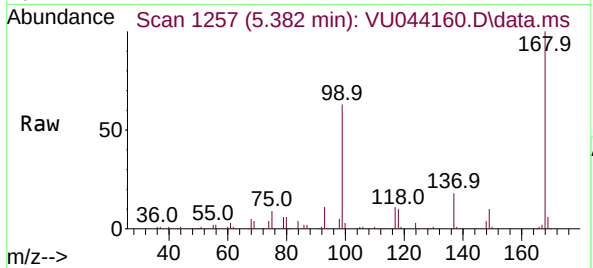
Tgt Ion:	75	Resp:	12843
Ion	Ratio	Lower	Upper
75	100		
110	7.4	16.4	49.4#
77	0.0	24.7	37.1#



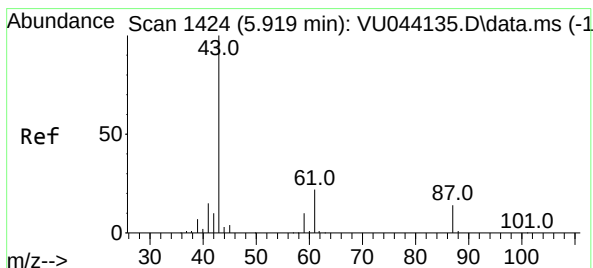
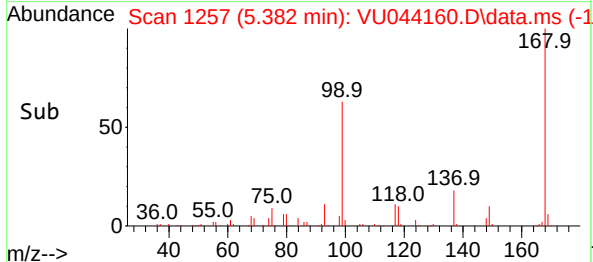
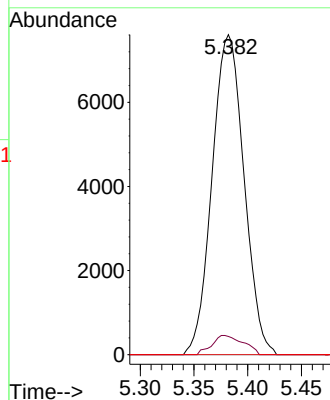


#38
Carbon Tetrachloride
Concen: 5.249 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU044160.D
Acq: 10 Jun 2021 16:57

Instrument :
MSVOA_U
ClientSampled :

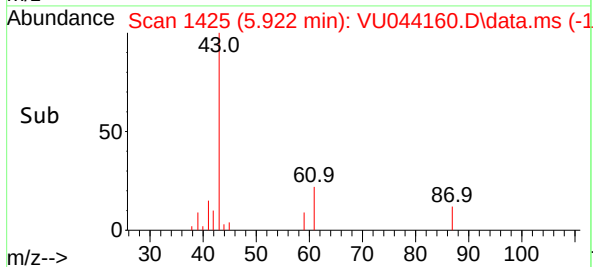
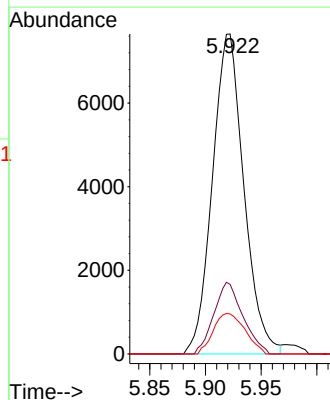
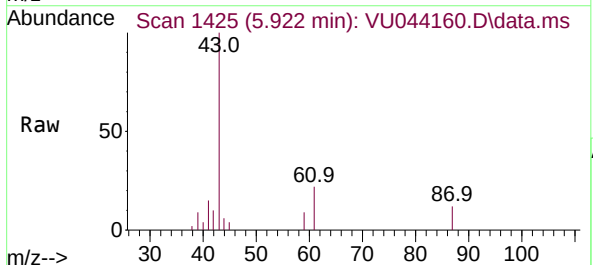


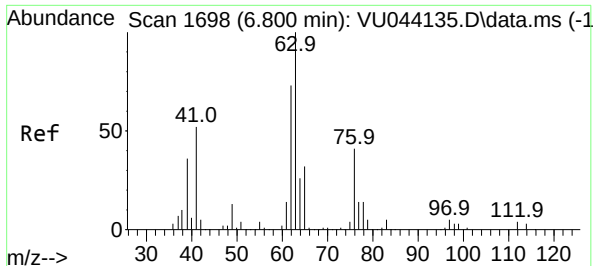
Tgt Ion:117 Resp: 15694
Ion Ratio Lower Upper
117 100
119 5.7 76.6 114.8#
121 0.0 24.6 36.8#



#43
Isopropyl Acetate
Concen: 2.669 ug/l
RT: 5.922 min Scan# 1425
Delta R.T. 0.003 min
Lab File: VU044160.D
Acq: 10 Jun 2021 16:57

Tgt Ion: 43 Resp: 15015
Ion Ratio Lower Upper
43 100
61 20.7 17.8 26.8
87 12.8 11.1 16.7



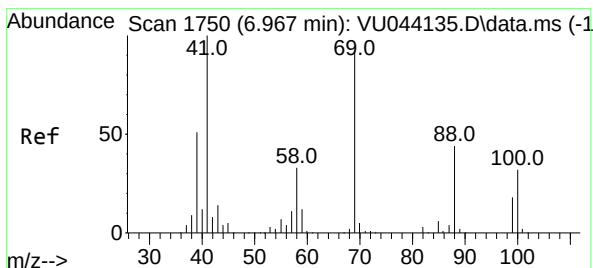
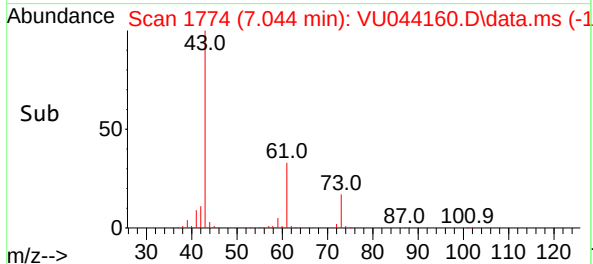
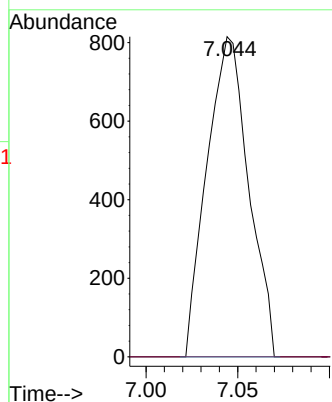
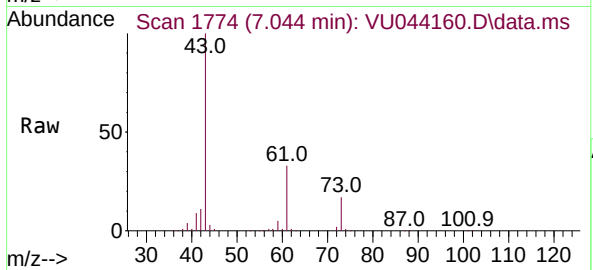


#45

1,2-Dichloropropane
Concen: 0.484 ug/l
RT: 7.044 min Scan# 1774
Delta R.T. 0.244 min
Lab File: VU044160.D
Acq: 10 Jun 2021 16:57

Instrument :
MSVOA_U
ClientSampled :

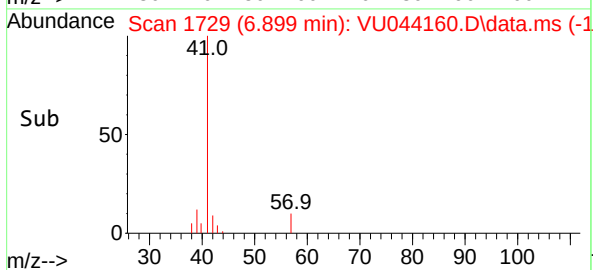
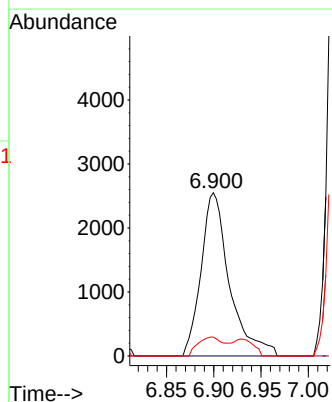
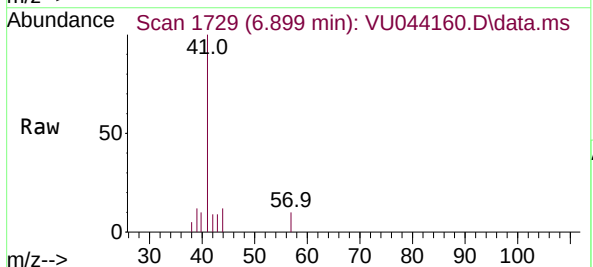
Tgt Ion: 63 Resp: 1290
Ion Ratio Lower Upper
63 100
65 0.0 25.7 38.5#

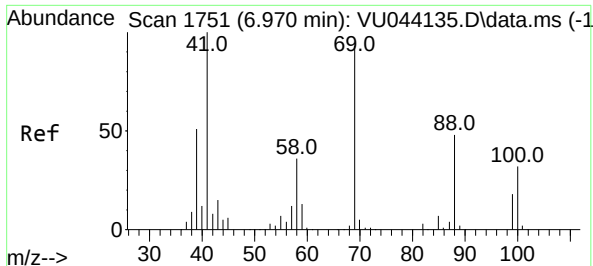


#48

Methyl methacrylate
Concen: 1.947 ug/l
RT: 6.899 min Scan# 1729
Delta R.T. -0.067 min
Lab File: VU044160.D
Acq: 10 Jun 2021 16:57

Tgt Ion: 41 Resp: 5332
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: 1.271 ug/l

RT: 7.044 min Scan# 1774

Delta R.T. 0.074 min

Lab File: VU044160.D

Acq: 10 Jun 2021 16:57

Tgt Ion: 88 Resp: 91

Ion Ratio Lower Upper

88 100

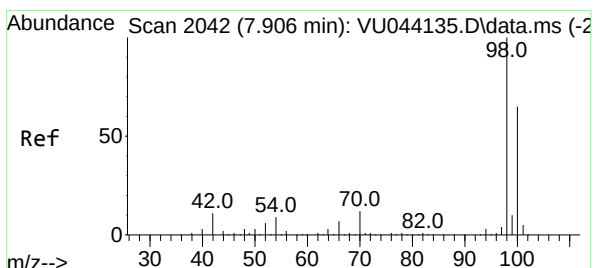
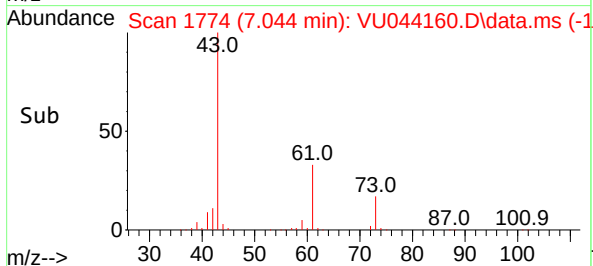
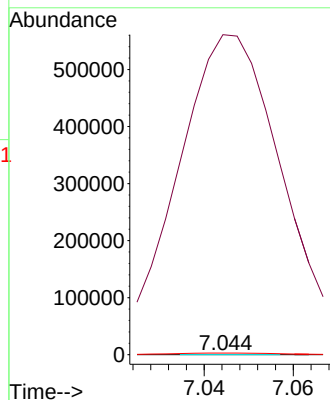
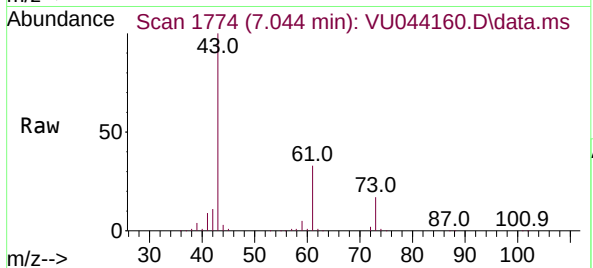
43 1052181.3 23.4 35.0#

58 5778.0 58.1 87.1#

Instrument :

MSVOA_U

ClientSampleId :



#50

Toluene-d8

Concen: 51.087 ug/l

RT: 7.906 min Scan# 2042

Delta R.T. -0.000 min

Lab File: VU044160.D

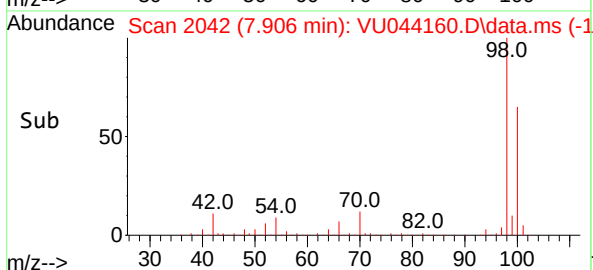
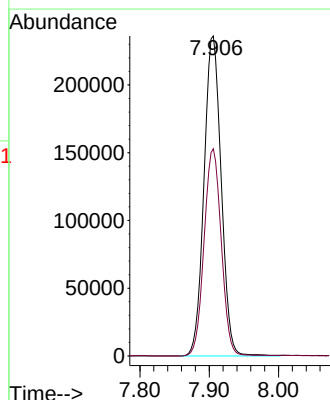
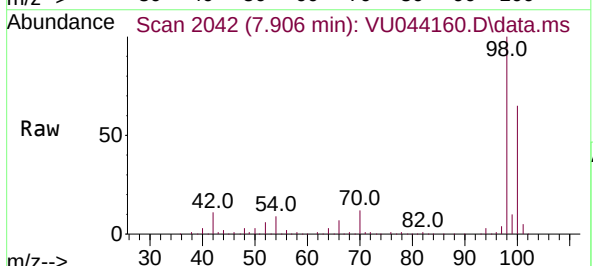
Acq: 10 Jun 2021 16:57

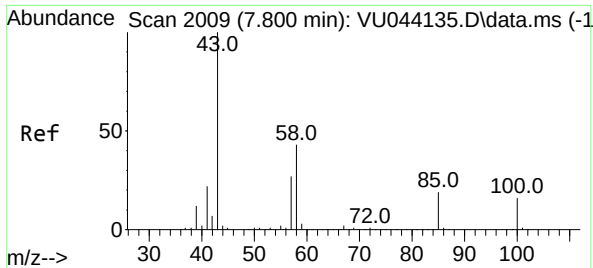
Tgt Ion: 98 Resp: 406234

Ion Ratio Lower Upper

98 100

100 64.7 52.2 78.4

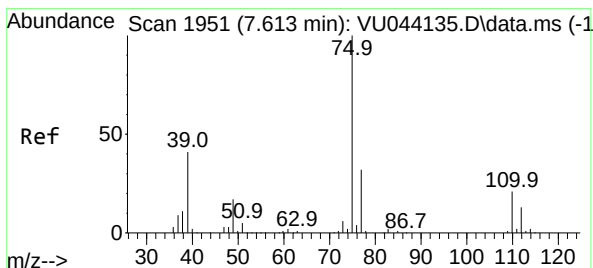
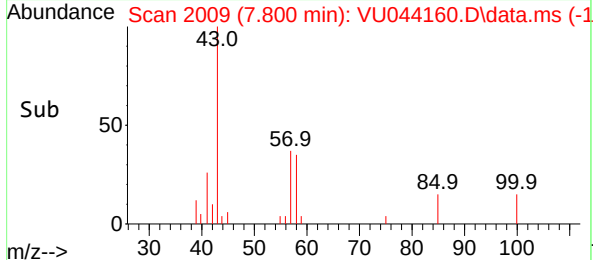
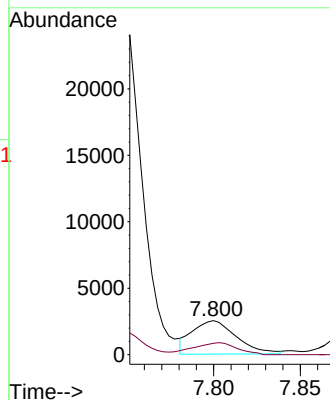
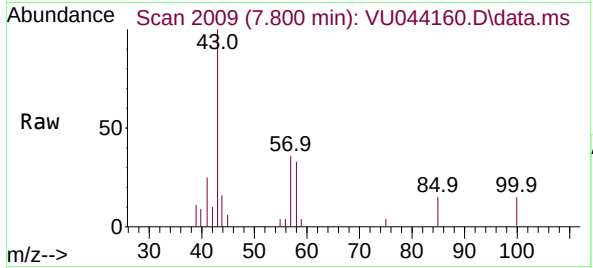




#51
4-Methyl-2-Pentanone
Concen: 1.100 ug/l
RT: 7.800 min Scan# 2009
Delta R.T. -0.000 min
Lab File: VU044160.D
Acq: 10 Jun 2021 16:57

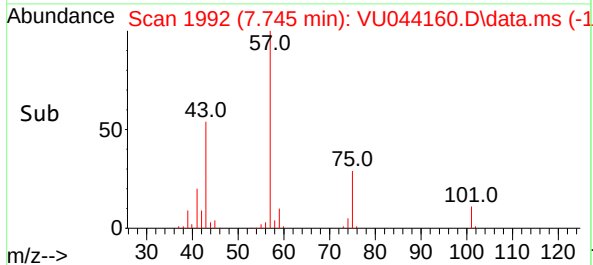
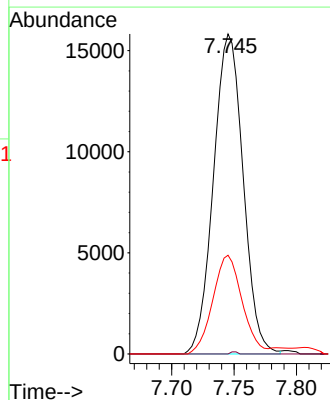
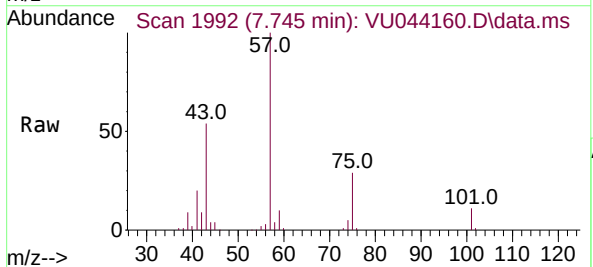
Instrument :
MSVOA_U
ClientSampled :

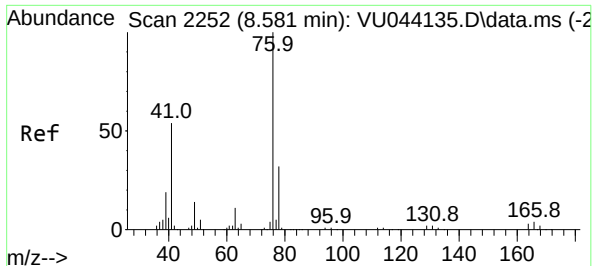
Tgt Ion: 43 Resp: 4481
Ion Ratio Lower Upper
43 100
58 35.4 34.5 51.7



#54
cis-1,3-Dichloropropene
Concen: 6.558 ug/l
RT: 7.745 min Scan# 1992
Delta R.T. 0.132 min
Lab File: VU044160.D
Acq: 10 Jun 2021 16:57

Tgt Ion: 75 Resp: 26172
Ion Ratio Lower Upper
75 100
77 0.0 25.9 38.9#
39 30.8 33.2 49.8#



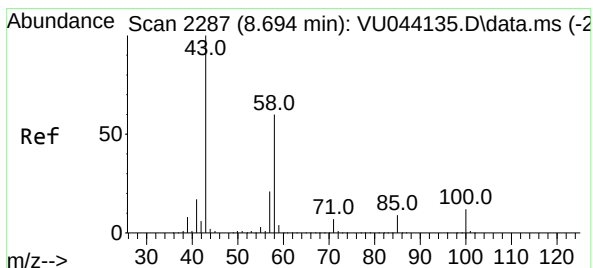
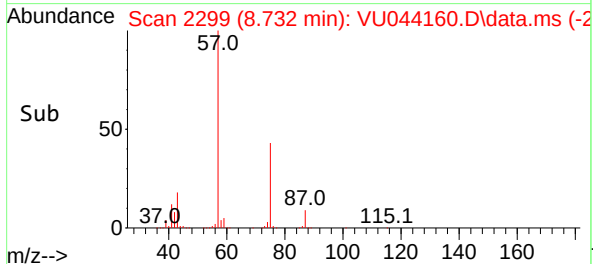
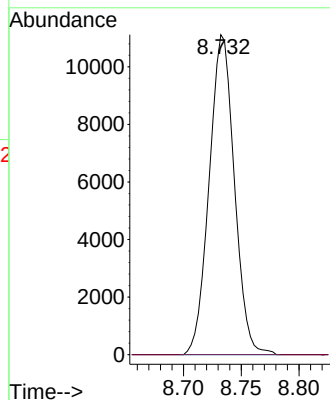
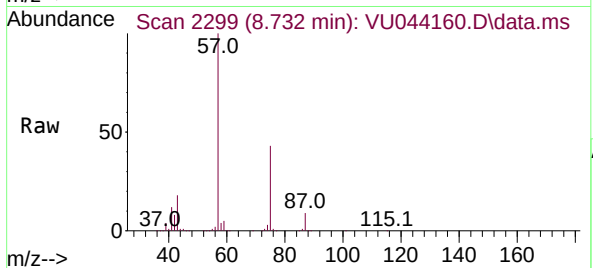


#57

1,3-Dichloropropane
Concen: 3.891 ug/l
RT: 8.732 min Scan# 2299
Delta R.T. 0.151 min
Lab File: VU044160.D
Acq: 10 Jun 2021 16:57

Instrument :
MSVOA_U
ClientSampled :

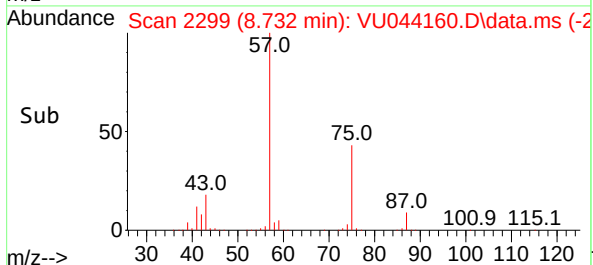
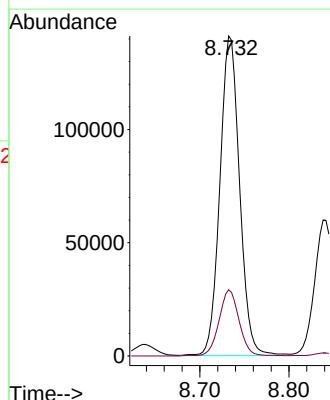
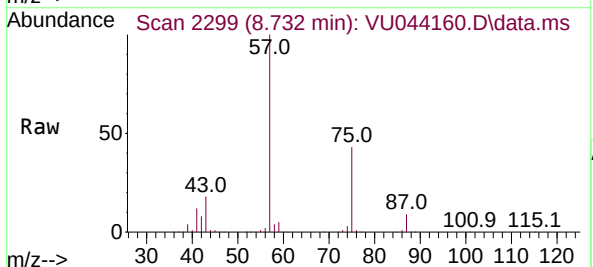
Tgt Ion: 76 Resp: 16865
Ion Ratio Lower Upper
76 100
78 0.0 25.9 38.9#

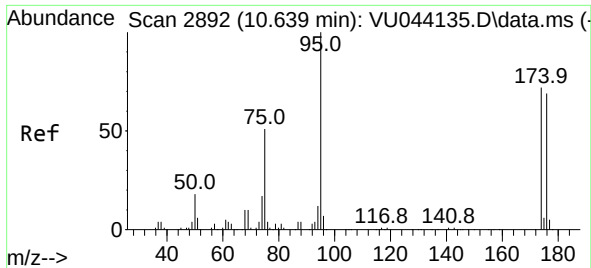


#59

2-Hexanone
Concen: 66.760 ug/l
RT: 8.732 min Scan# 2299
Delta R.T. 0.038 min
Lab File: VU044160.D
Acq: 10 Jun 2021 16:57

Tgt Ion: 43 Resp: 216962
Ion Ratio Lower Upper
43 100
58 20.6 30.0 90.1#

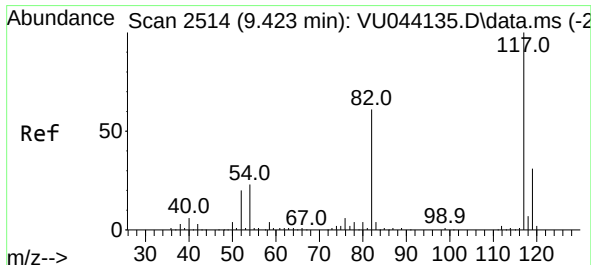
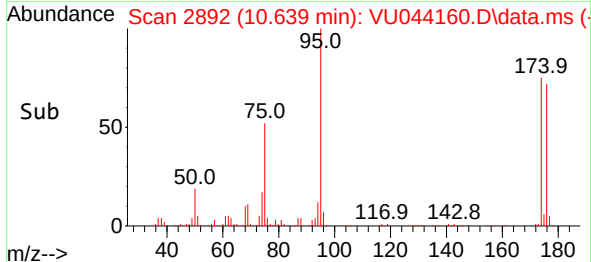
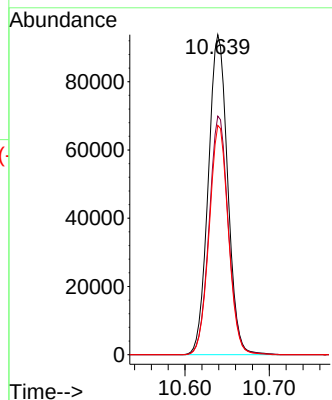
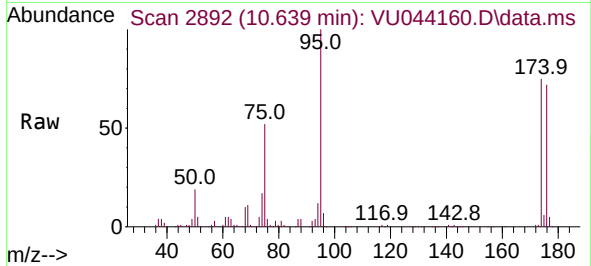




#62
4-Bromofluorobenzene
Concen: 47.155 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU044160.D
Acq: 10 Jun 2021 16:57

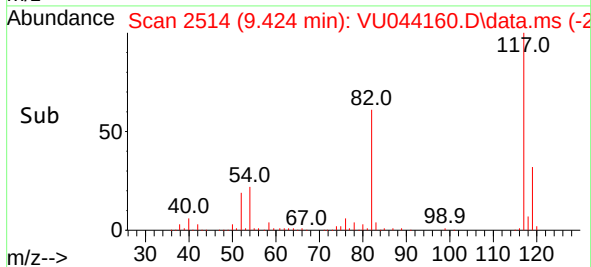
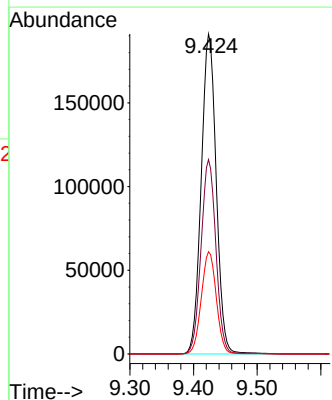
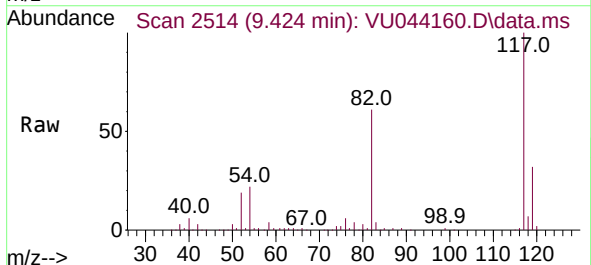
Instrument :
MSVOA_U
ClientSampleId :

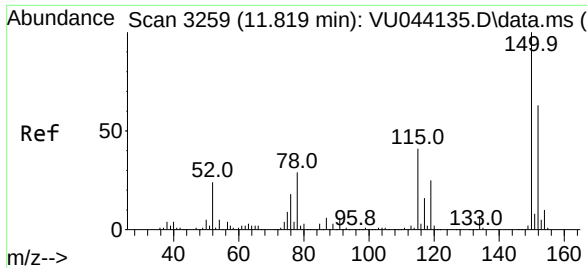
Tgt Ion: 95 Resp: 150270
Ion Ratio Lower Upper
95 100
174 74.3 0.0 144.4
176 70.8 0.0 138.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.424 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU044160.D
Acq: 10 Jun 2021 16:57

Tgt Ion: 117 Resp: 312992
Ion Ratio Lower Upper
117 100
82 60.8 48.8 73.2
119 32.0 25.0 37.6

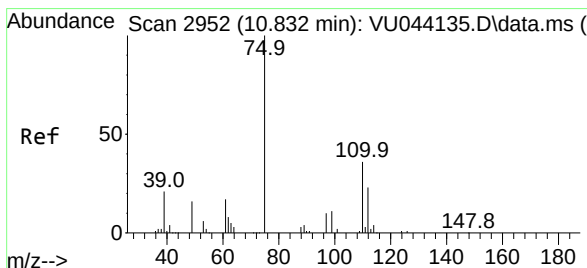
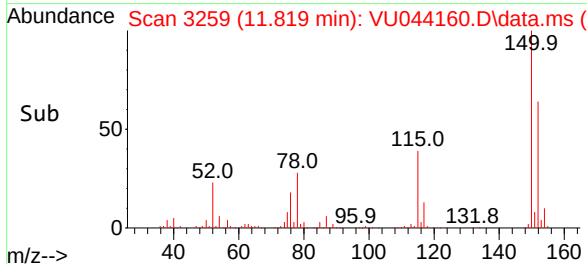
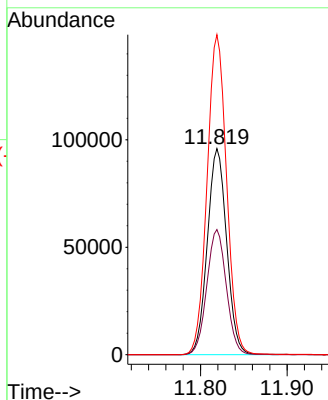
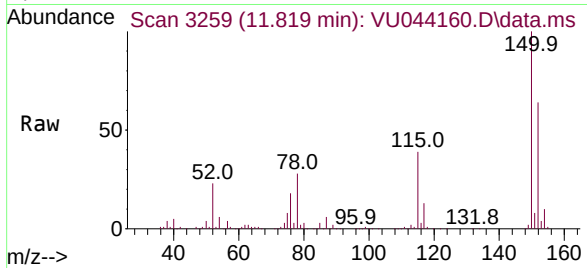




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.000 min
 Lab File: VU044160.D
 Acq: 10 Jun 2021 16:57

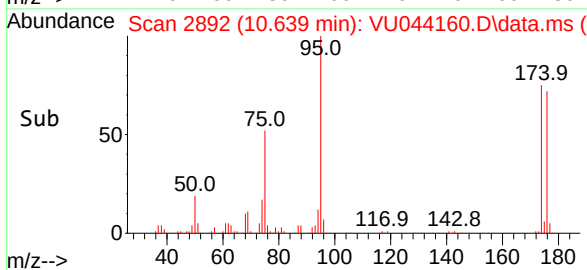
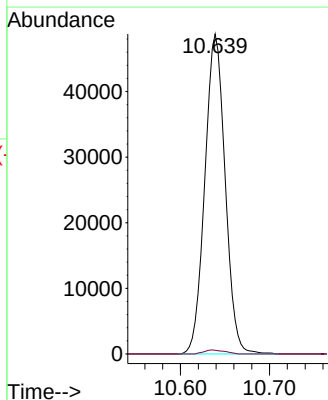
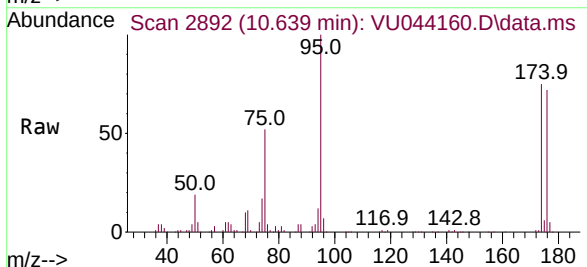
Instrument :
 MSVOA_U
 ClientSampleId :

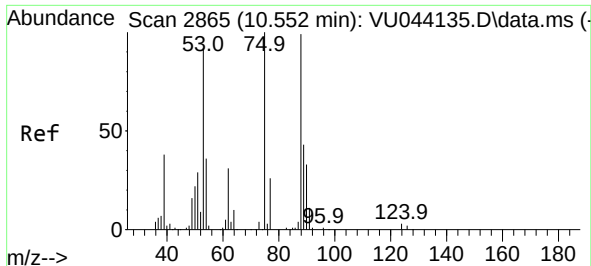
Tgt Ion:152 Resp: 148834
 Ion Ratio Lower Upper
 152 100
 115 61.3 43.8 131.3
 150 156.4 0.0 350.6



#76
 1,2,3-Trichloropropane
 Concen: 15.470 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.193 min
 Lab File: VU044160.D
 Acq: 10 Jun 2021 16:57

Tgt Ion: 75 Resp: 77198
 Ion Ratio Lower Upper
 75 100
 77 1.3 14.9 44.5#

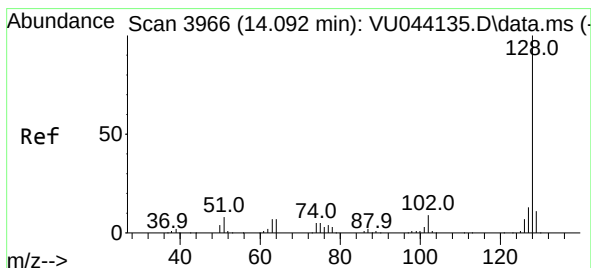
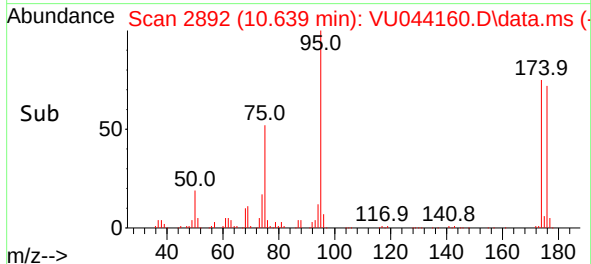
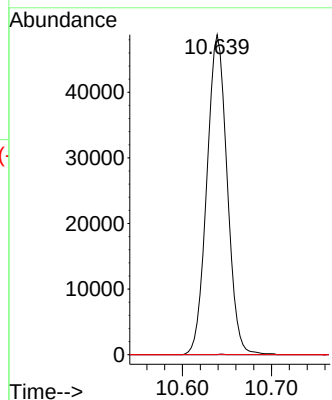
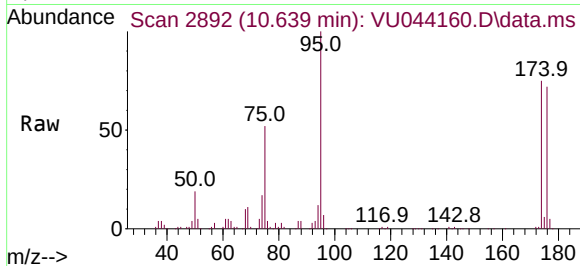




#81
trans-1,4-Dichloro-2-butene
Concen: 56.079 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.087 min
Lab File: VU044160.D
Acq: 10 Jun 2021 16:57

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 77198
Ion Ratio Lower Upper
75 100
53 0.1 74.2 111.2#
89 0.0 35.0 52.6#



#95
Naphthalene
Concen: 2.852 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU044160.D
Acq: 10 Jun 2021 16:57

Tgt Ion:128 Resp: 177
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

