

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061421\
 Data File : VU044181.D
 Acq On : 14 Jun 2021 15:11
 Operator : SY/MD
 Sample : M2672-25
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 15 02:45:45 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)

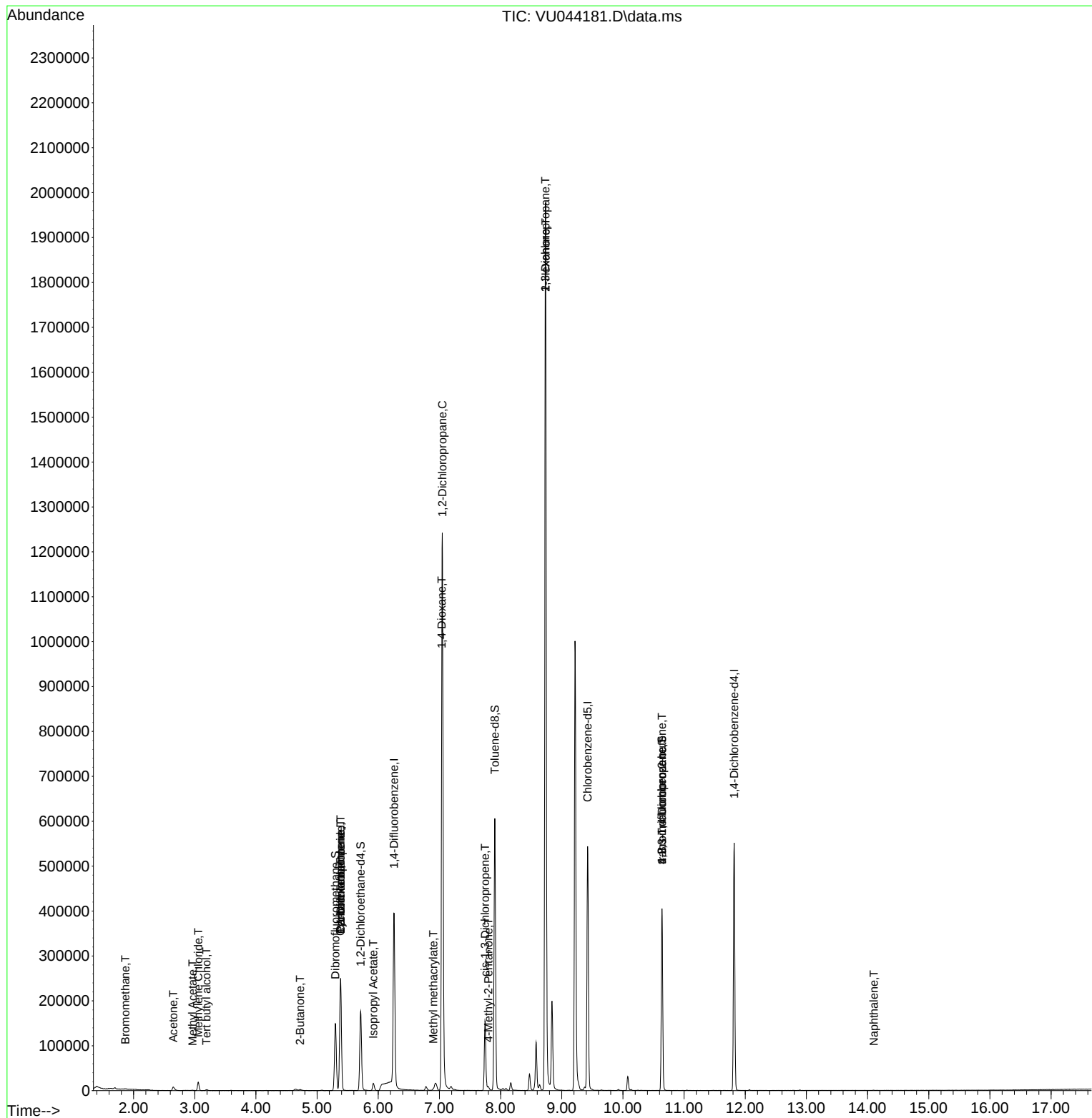
Internal Standards						
1) Pentafluorobenzene	5.385	168	159709	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.259	114	294540	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	293317	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	135882	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	132639	52.225	ug/l	0.00
Spiked Amount	50.000		Recovery	= 104.440%		
35) Dibromofluoromethane	5.298	113	98510	48.079	ug/l	0.00
Spiked Amount	50.000		Recovery	= 96.160%		
50) Toluene-d8	7.906	98	391576	49.763	ug/l	0.00
Spiked Amount	50.000		Recovery	= 99.520%		
62) 4-Bromofluorobenzene	10.639	95	138584	43.947	ug/l	0.00
Spiked Amount	50.000		Recovery	= 87.900%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	352	Below Cal	#	41
5) Bromomethane	1.867	94	280	0.252	ug/l #	79
6) Chloroethane	1.922	64	124	Below Cal	#	42
11) Tert butyl alcohol	3.189	59	785	1.149	ug/l #	73
16) Acetone	2.649	43	12792	7.679	ug/l	96
18) Methyl Acetate	2.967	43	1187	0.363	ug/l #	69
20) Methylene Chloride	3.057	84	8996	2.799	ug/l	98
25) 2-Butanone	4.723	43	3948	1.862	ug/l	96
31) Cyclohexane	5.382	56	3687	1.029	ug/l #	1
36) 1,1-Dichloropropene	5.385	75	14917	4.552	ug/l #	49
38) Carbon Tetrachloride	5.385	117	17898	6.050	ug/l #	17
43) Isopropyl Acetate	5.919	43	17416	3.128	ug/l	98
45) 1,2-Dichloropropane	7.050	63	1456	0.552	ug/l #	43
48) Methyl methacrylate	6.902	41	6493	2.397	ug/l #	11
49) 1,4-Dioxane	7.038	88	89	1.256	ug/l #	1
51) 4-Methyl-2-Pentanone	7.800	43	5138	1.275	ug/l	94
54) cis-1,3-Dichloropropene	7.745	75	29008	7.345	ug/l #	63
57) 1,3-Dichloropropane	8.732	76	20586	4.800	ug/l #	42
59) 2-Hexanone	8.735	43	273916	85.175	ug/l #	48
76) 1,2,3-Trichloropropane	10.639	75	71877	15.777	ug/l #	47
81) trans-1,4-Dichloro-2-b...	10.639	75	71877	57.191	ug/l #	13
95) Naphthalene	14.102	128	574	2.893	ug/l #	69

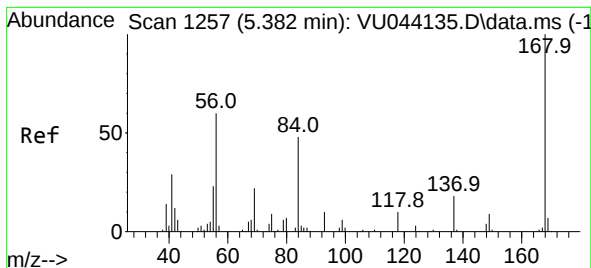
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jun 10 05:11:37 2021
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.385 min Scan# 1258

Delta R.T. 0.003 min

Lab File: VU044181.D

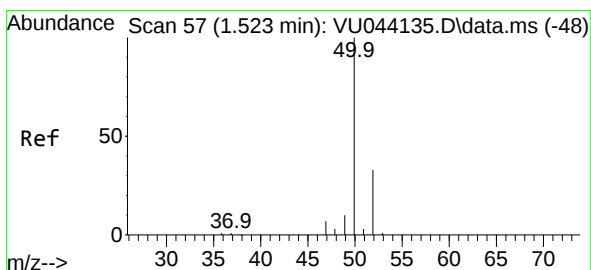
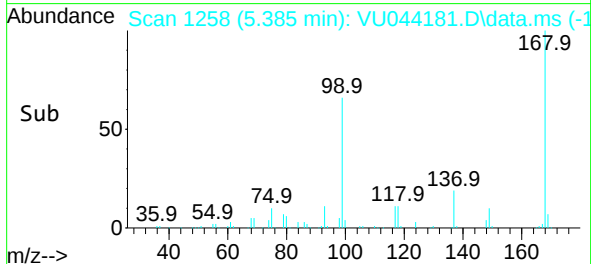
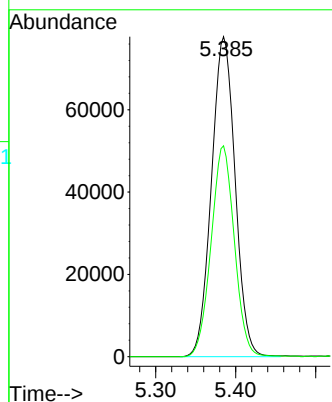
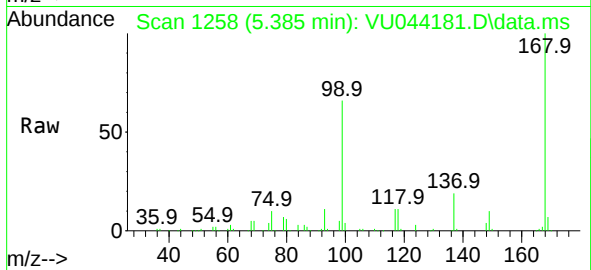
Acq: 14 Jun 2021 15:11

Tgt Ion:168 Resp: 159709

Ion Ratio Lower Upper

168 100

99 65.9 51.3 76.9



#3

Chloromethane

Concen: Below Cal

RT: 1.523 min Scan# 57

Delta R.T. 0.000 min

Lab File: VU044181.D

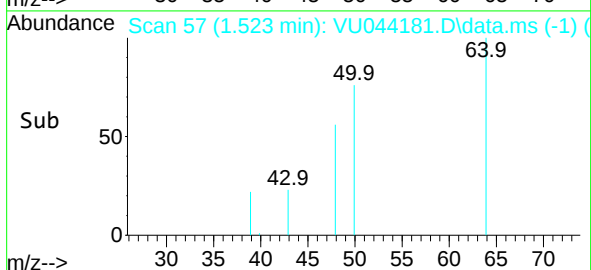
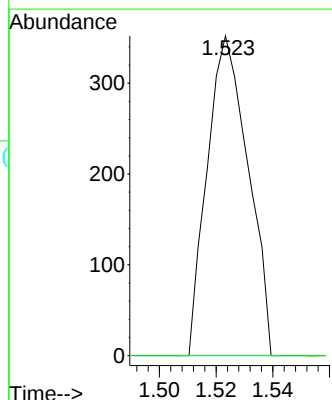
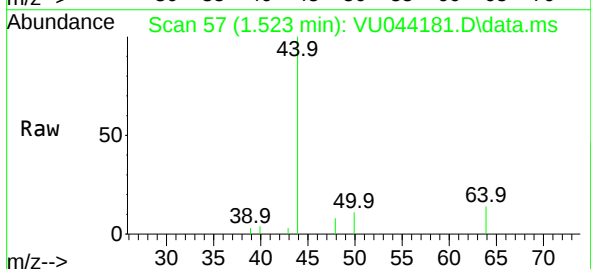
Acq: 14 Jun 2021 15:11

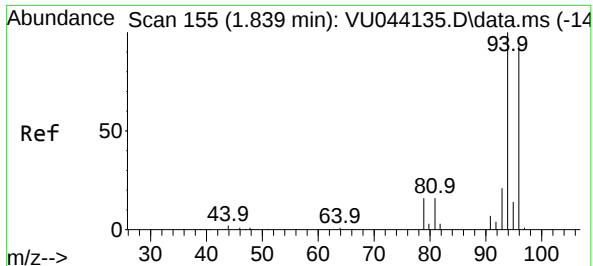
Tgt Ion: 50 Resp: 352

Ion Ratio Lower Upper

50 100

52 0.0 26.6 39.8#

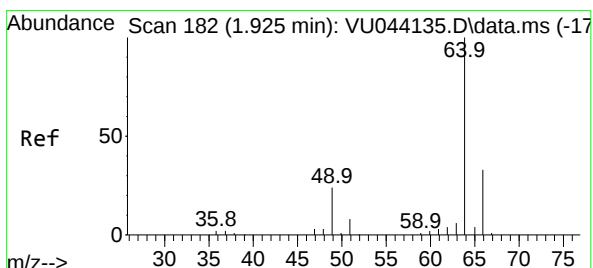
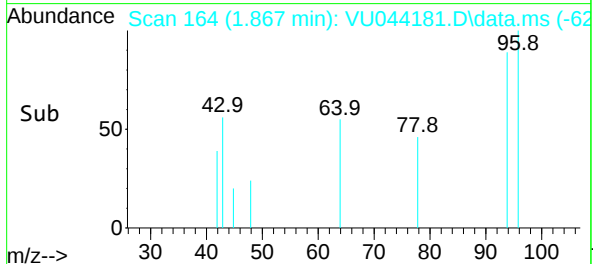
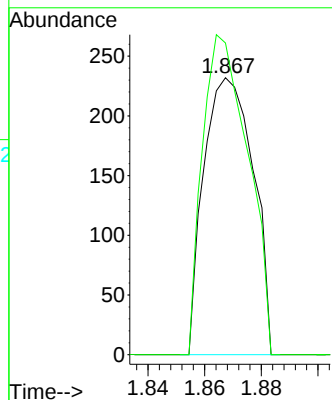
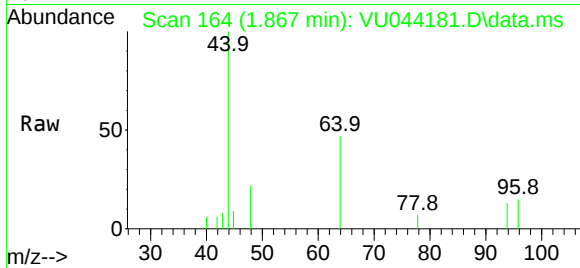




#5
Bromomethane
Concen: 0.252 ug/l
RT: 1.867 min Scan# 164
Delta R.T. 0.028 min
Lab File: VU044181.D
Acq: 14 Jun 2021 15:11

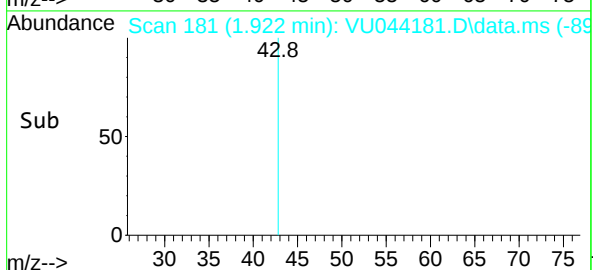
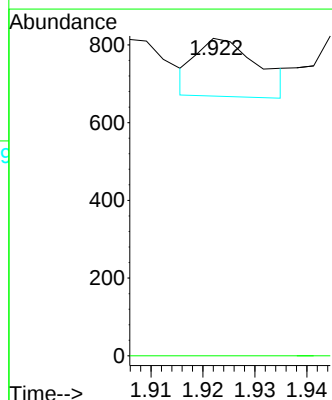
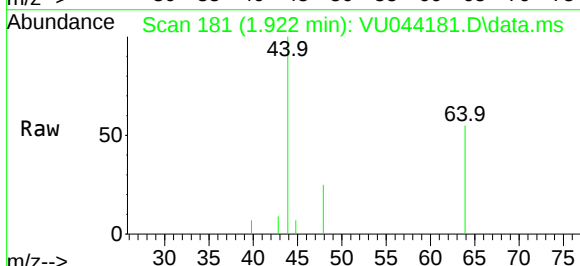
Instrument :
MSVOA_U
ClientSampleId :

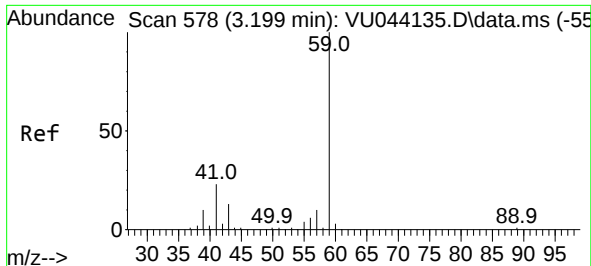
Tgt Ion: 94 Resp: 280
Ion Ratio Lower Upper
94 100
96 112.5 74.1 111.1#



#6
Chloroethane
Concen: Below Cal
RT: 1.922 min Scan# 181
Delta R.T. -0.003 min
Lab File: VU044181.D
Acq: 14 Jun 2021 15:11

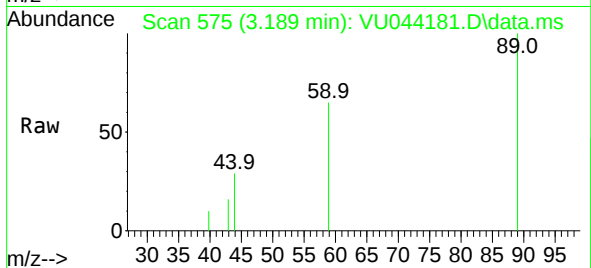
Tgt Ion: 64 Resp: 124
Ion Ratio Lower Upper
64 100
66 0.0 26.1 39.1#



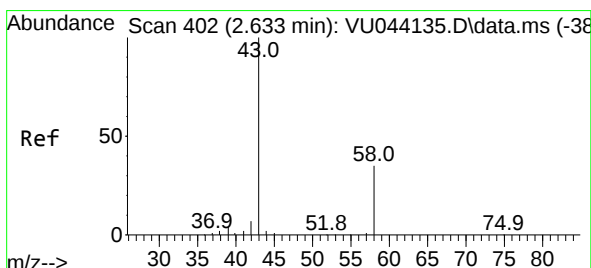
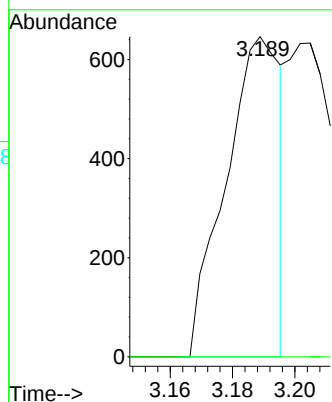
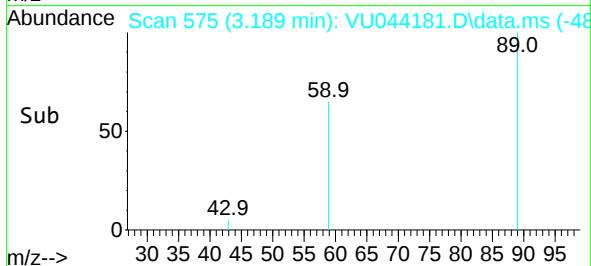


#11
Tert butyl alcohol
Concen: 1.149 ug/l
RT: 3.189 min Scan# 575
Delta R.T. -0.010 min
Lab File: VU044181.D
Acq: 14 Jun 2021 15:11

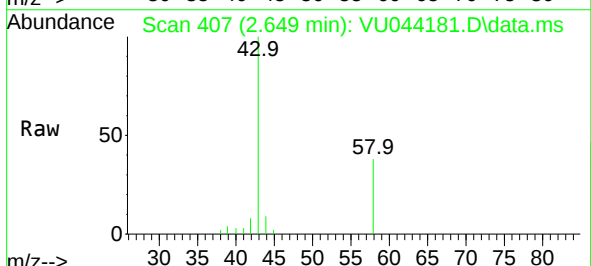
Instrument :
MSVOA_U
ClientSampled :



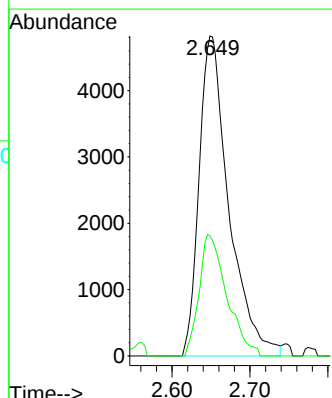
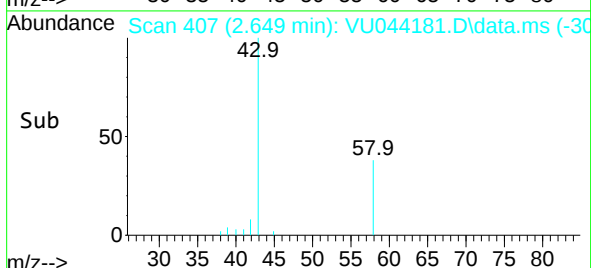
Tgt Ion: 59 Resp: 785
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

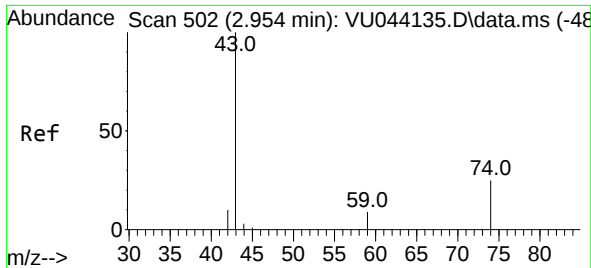


#16
Acetone
Concen: 7.679 ug/l
RT: 2.649 min Scan# 407
Delta R.T. 0.016 min
Lab File: VU044181.D
Acq: 14 Jun 2021 15:11



Tgt Ion: 43 Resp: 12792
Ion Ratio Lower Upper
43 100
58 37.5 28.0 42.0

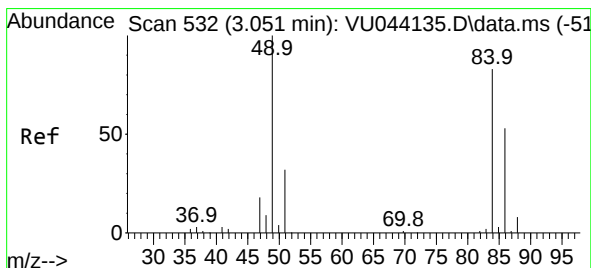
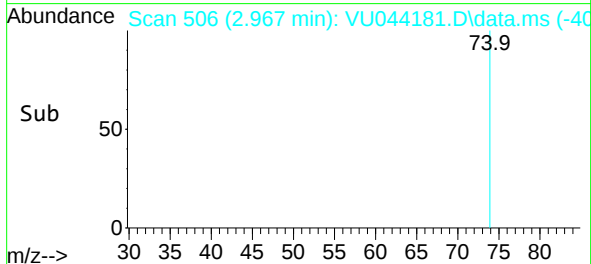
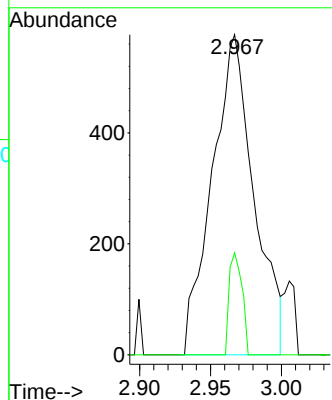
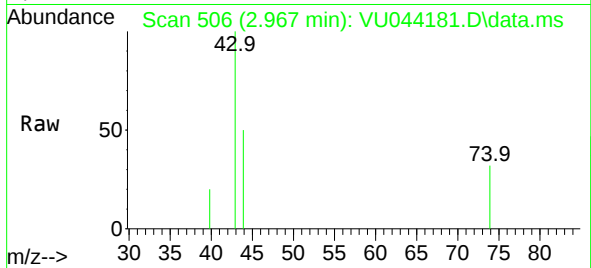




#18
Methyl Acetate
Concen: 0.363 ug/l
RT: 2.967 min Scan# 506
Delta R.T. 0.013 min
Lab File: VU044181.D
Acq: 14 Jun 2021 15:11

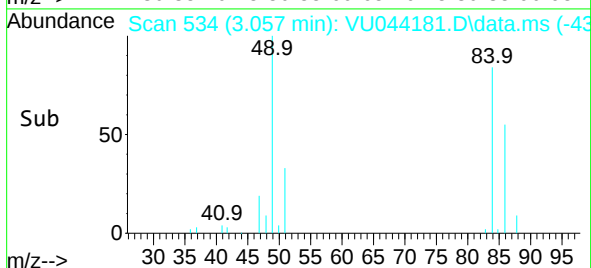
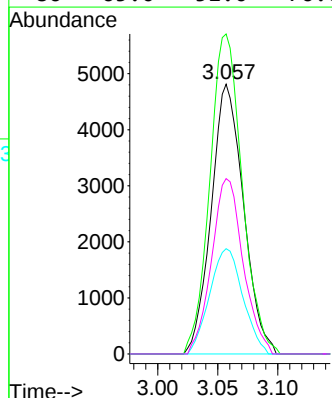
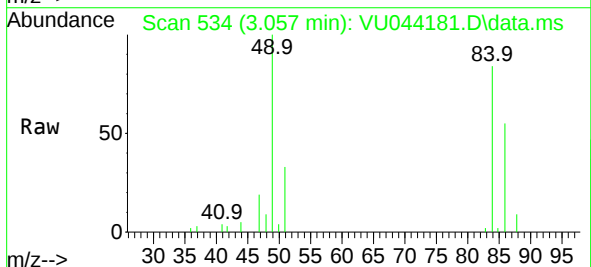
Instrument :
MSVOA_U
ClientSampled :

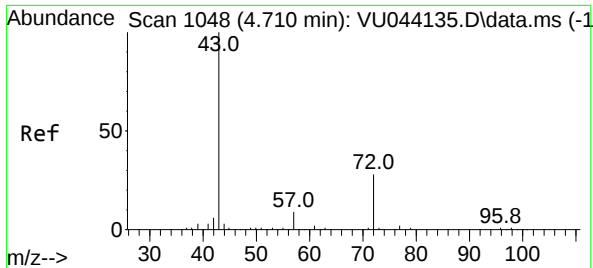
Tgt Ion: 43 Resp: 1187
Ion Ratio Lower Upper
43 100
74 9.7 20.3 30.5#



#20
Methylene Chloride
Concen: 2.799 ug/l
RT: 3.057 min Scan# 534
Delta R.T. 0.006 min
Lab File: VU044181.D
Acq: 14 Jun 2021 15:11

Tgt Ion: 84 Resp: 8996
Ion Ratio Lower Upper
84 100
49 118.6 96.9 145.3
51 39.0 31.0 46.6
86 65.0 51.0 76.6

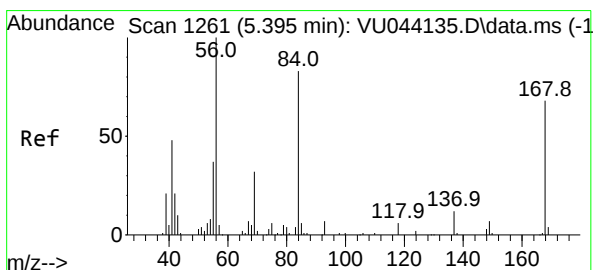
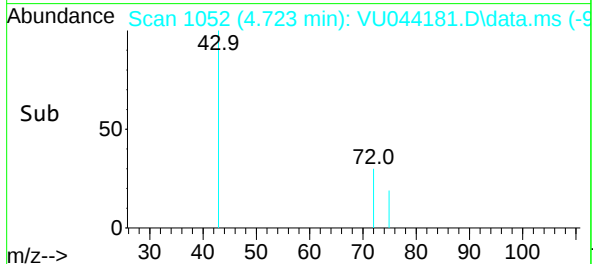
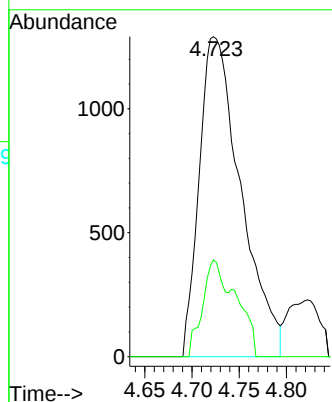
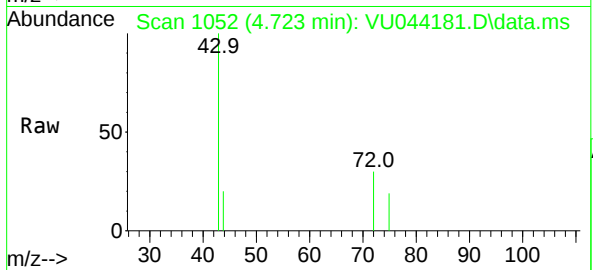




#25
2-Butanone
Concen: 1.862 ug/l
RT: 4.723 min Scan# 1052
Delta R.T. 0.013 min
Lab File: VU044181.D
Acq: 14 Jun 2021 15:11

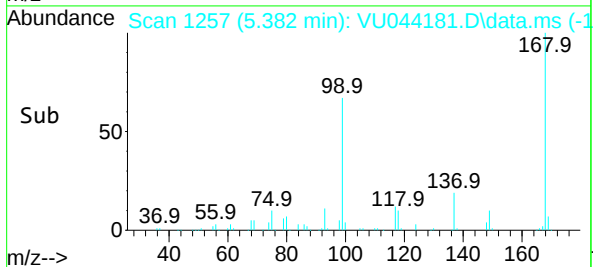
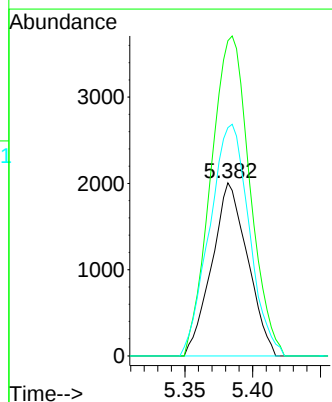
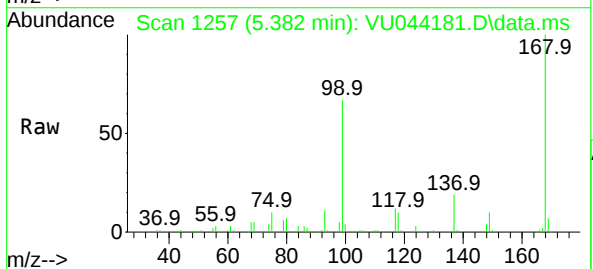
Instrument :
MSVOA_U
ClientSampled :

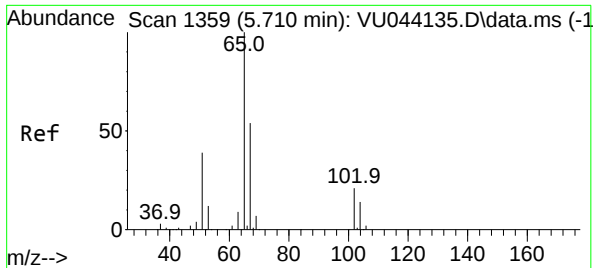
Tgt Ion: 43 Resp: 3948
Ion Ratio Lower Upper
43 100
72 30.2 22.6 33.8



#31
Cyclohexane
Concen: 1.029 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.013 min
Lab File: VU044181.D
Acq: 14 Jun 2021 15:11

Tgt Ion: 56 Resp: 3687
Ion Ratio Lower Upper
56 100
69 182.1 25.5 38.3#
84 131.8 66.3 99.5#

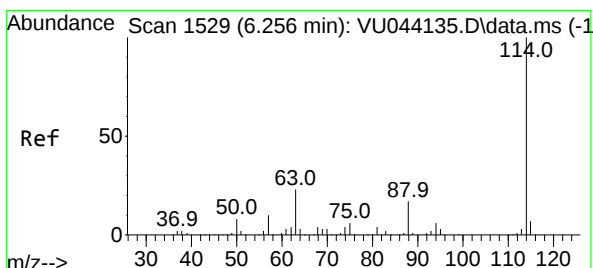
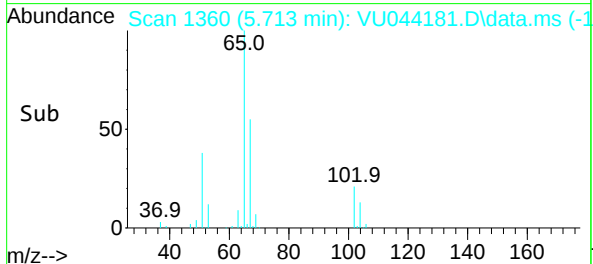
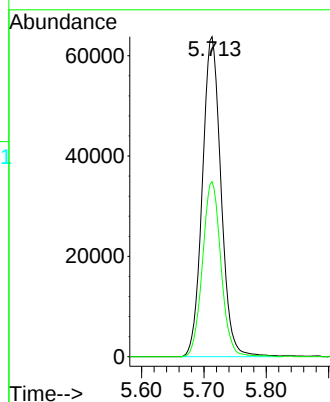
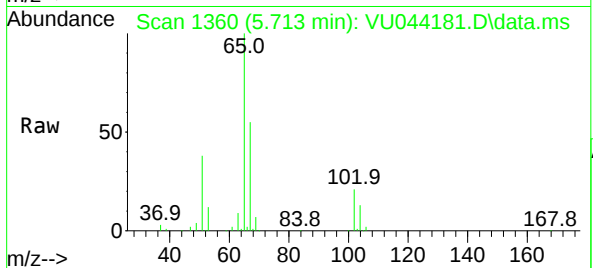




#33
1,2-Dichloroethane-d4
Concen: 52.225 ug/l
RT: 5.713 min Scan# 1360
Delta R.T. 0.003 min
Lab File: VU044181.D
Acq: 14 Jun 2021 15:11

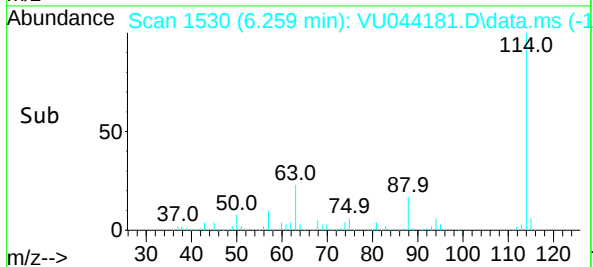
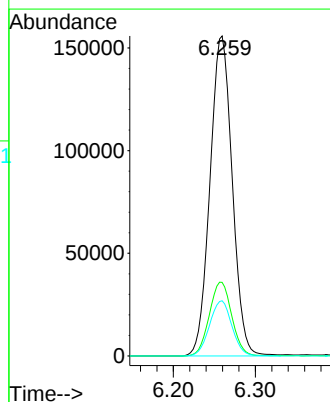
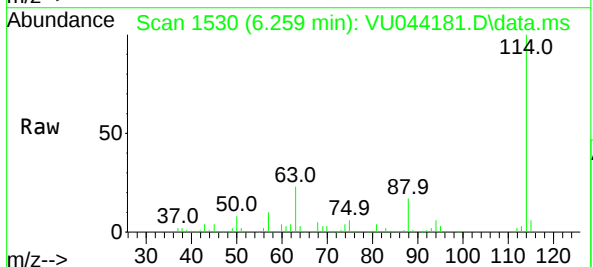
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MSVOA_U
ClientSampled :

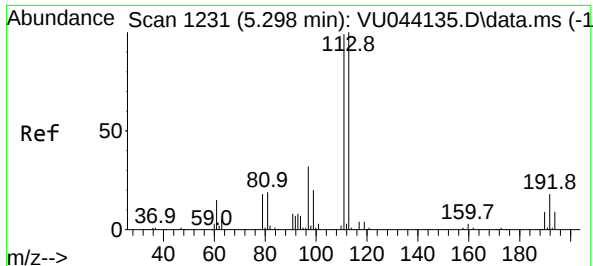
Tgt Ion: 65 Resp: 132639
Ion Ratio Lower Upper
65 100
67 54.0 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.259 min Scan# 1530
Delta R.T. 0.003 min
Lab File: VU044181.D
Acq: 14 Jun 2021 15:11

Tgt Ion:114 Resp: 294540
Ion Ratio Lower Upper
114 100
63 23.0 0.0 45.8
88 17.2 0.0 34.0





#35

Dibromofluoromethane

Concen: 48.079 ug/l

RT: 5.298 min Scan# 1231

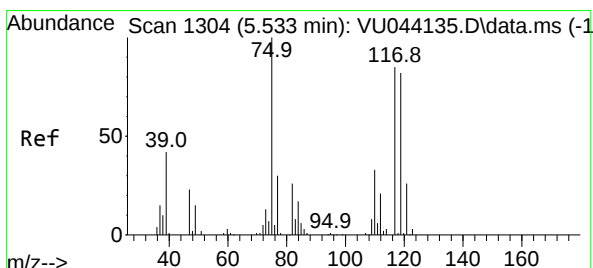
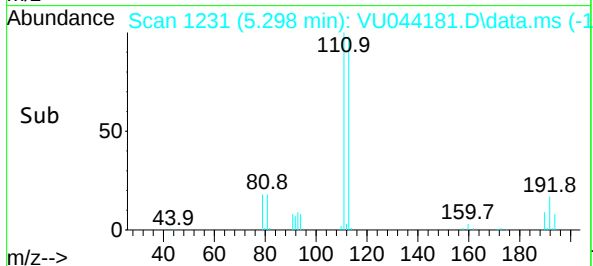
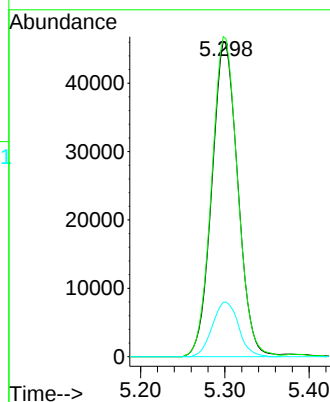
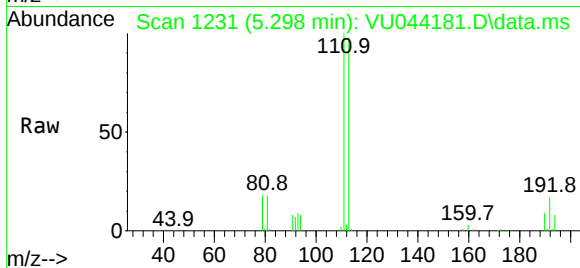
Delta R.T. 0.000 min

Lab File: VU044181.D

Acq: 14 Jun 2021 15:11

Tgt Ion:	113	Resp:	98510
Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.0	121.4
192	17.5	14.3	21.5

Instrument :
MSVOA_U
ClientSampleId :



#36

1,1-Dichloropropene

Concen: 4.552 ug/l

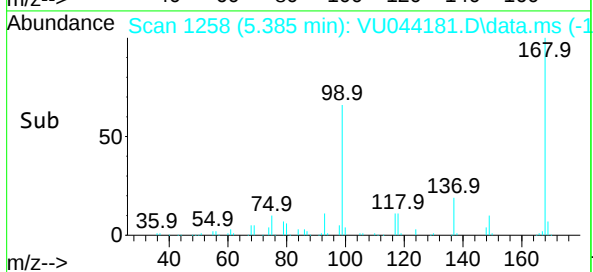
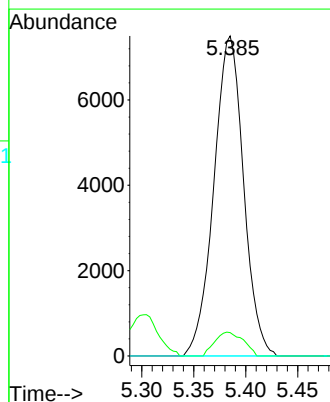
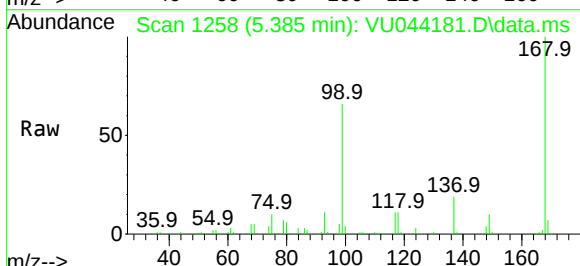
RT: 5.385 min Scan# 1258

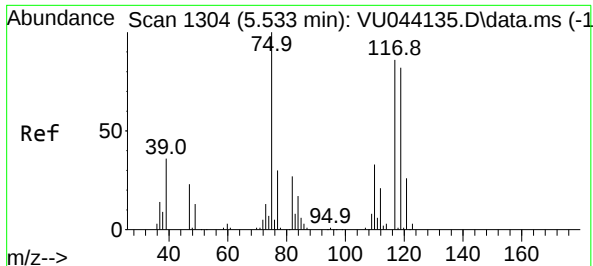
Delta R.T. -0.148 min

Lab File: VU044181.D

Acq: 14 Jun 2021 15:11

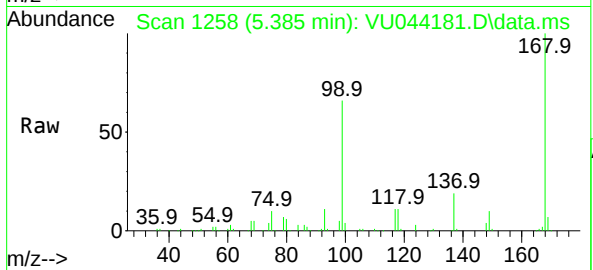
Tgt Ion:	75	Resp:	14917
Ion	Ratio	Lower	Upper
75	100		
110	7.1	16.4	49.4#
77	0.0	24.7	37.1#



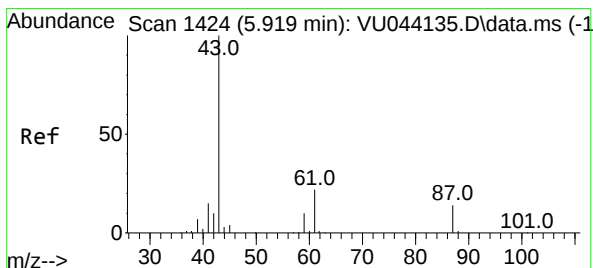
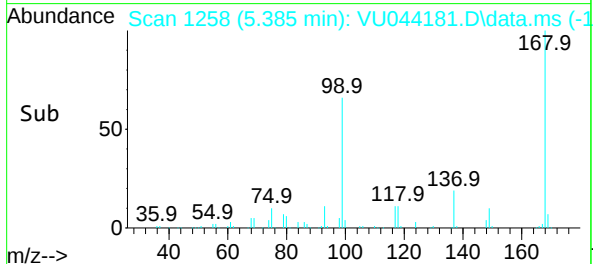
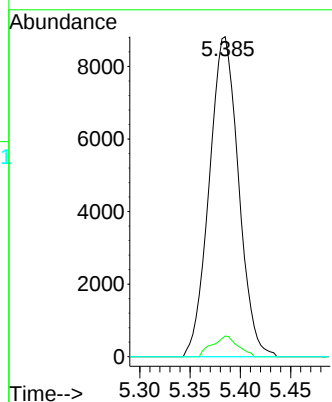


#38
Carbon Tetrachloride
Concen: 6.050 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.148 min
Lab File: VU044181.D
Acq: 14 Jun 2021 15:11

Instrument :
MSVOA_U
ClientSampleId :

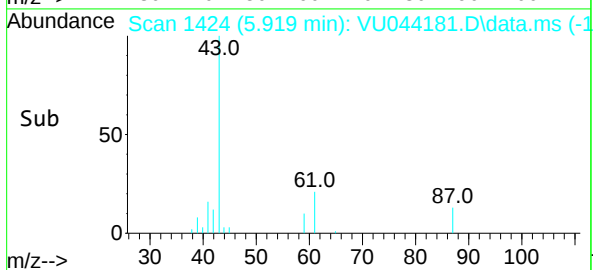
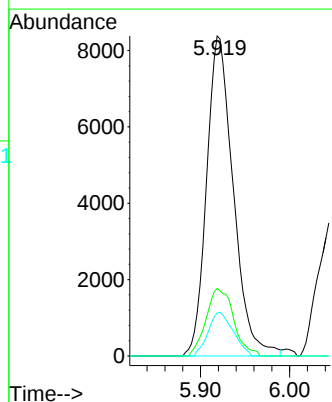
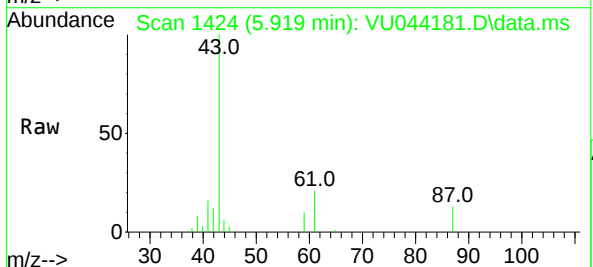


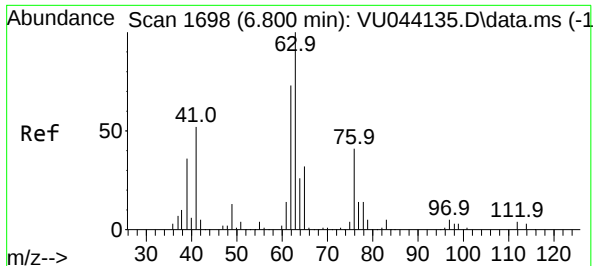
Tgt Ion:117 Resp: 17898
Ion Ratio Lower Upper
117 100
119 6.5 76.6 114.8#
121 0.0 24.6 36.8#



#43
Isopropyl Acetate
Concen: 3.128 ug/l
RT: 5.919 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VU044181.D
Acq: 14 Jun 2021 15:11

Tgt Ion: 43 Resp: 17416
Ion Ratio Lower Upper
43 100
61 21.8 17.8 26.8
87 12.7 11.1 16.7



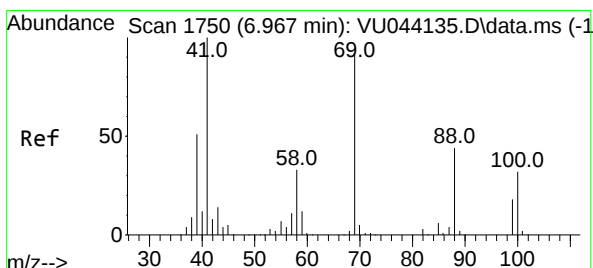
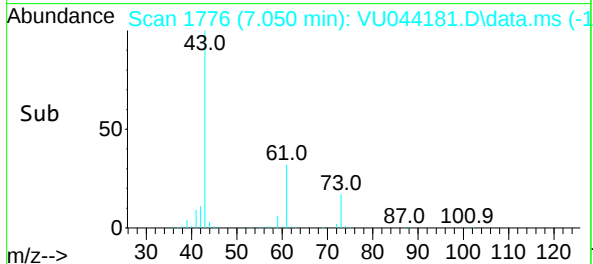
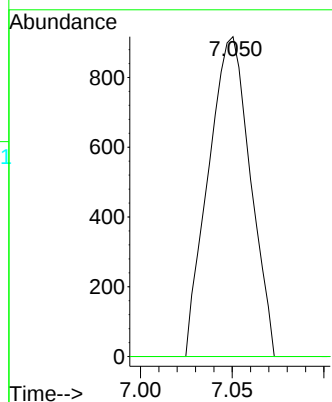
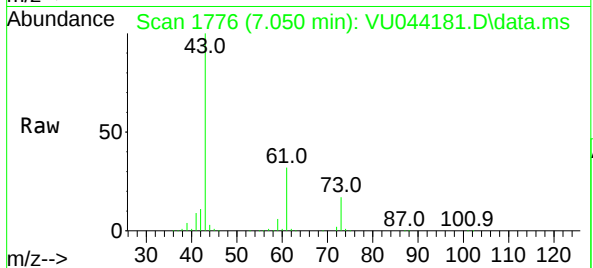


#45

1,2-Dichloropropane
Concen: 0.552 ug/l
RT: 7.050 min Scan# 1776
Delta R.T. 0.250 min
Lab File: VU044181.D
Acq: 14 Jun 2021 15:11

Instrument :
MSVOA_U
ClientSampled :

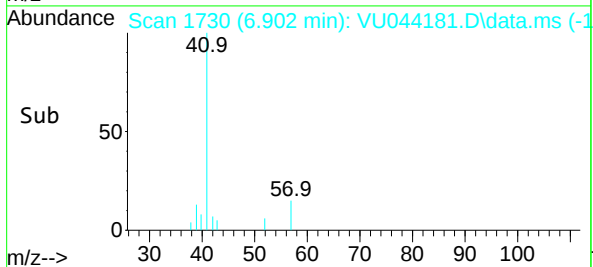
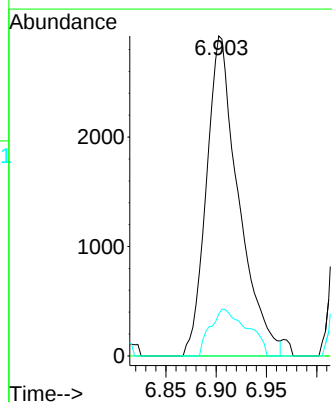
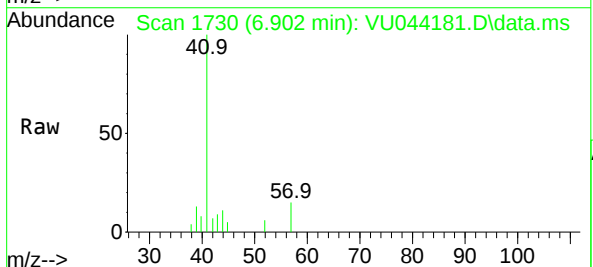
Tgt Ion: 63 Resp: 1456
Ion Ratio Lower Upper
63 100
65 0.0 25.7 38.5#

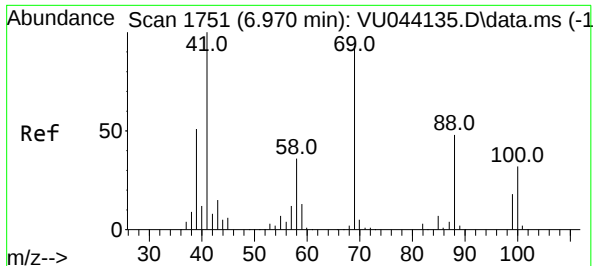


#48

Methyl methacrylate
Concen: 2.397 ug/l
RT: 6.902 min Scan# 1730
Delta R.T. -0.064 min
Lab File: VU044181.D
Acq: 14 Jun 2021 15:11

Tgt Ion: 41 Resp: 6493
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: 1.256 ug/l

RT: 7.038 min Scan# 1772

Delta R.T. 0.068 min

Lab File: VU044181.D

Acq: 14 Jun 2021 15:11

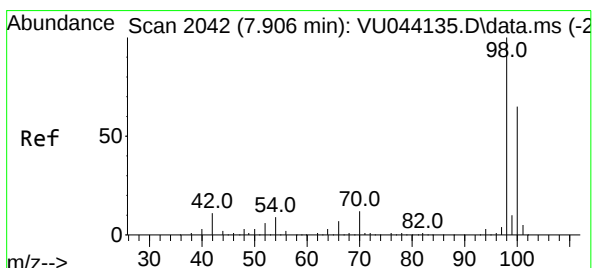
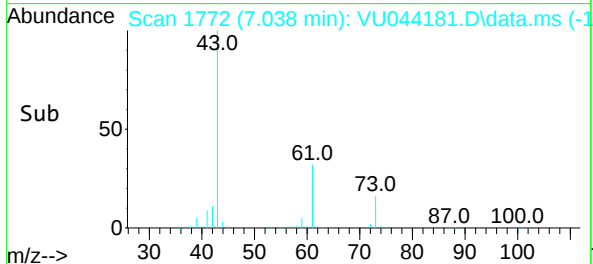
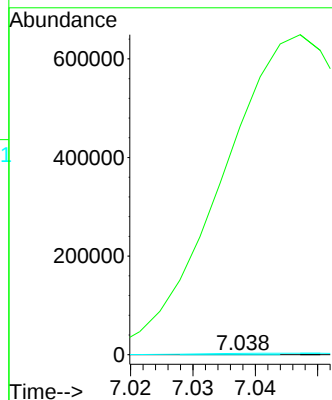
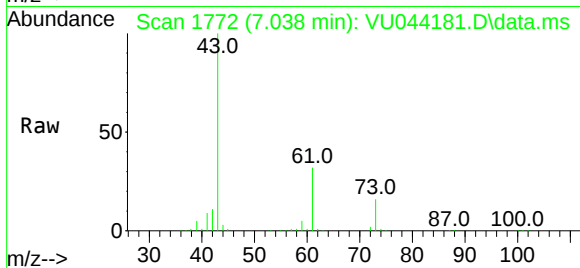
Tgt Ion: 88 Resp: 89

Ion Ratio Lower Upper

88 100

43 1315942.7 23.4 35.0#

58 6989.9 58.1 87.1#



#50

Toluene-d8

Concen: 49.763 ug/l

RT: 7.906 min Scan# 2042

Delta R.T. -0.000 min

Lab File: VU044181.D

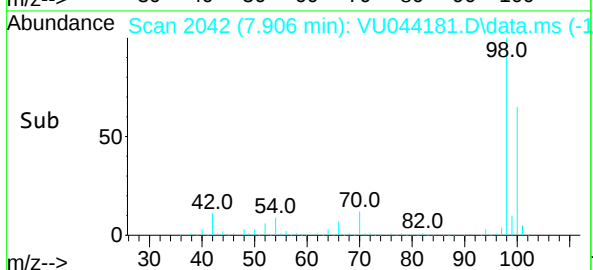
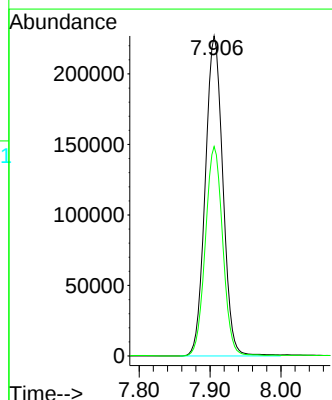
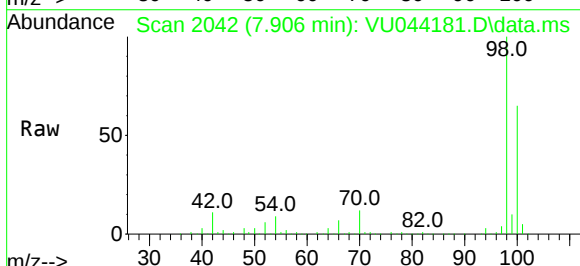
Acq: 14 Jun 2021 15:11

Tgt Ion: 98 Resp: 391576

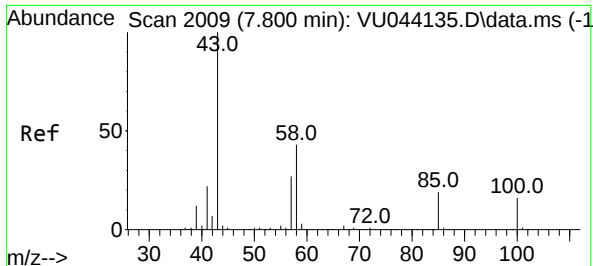
Ion Ratio Lower Upper

98 100

100 64.6 52.2 78.4



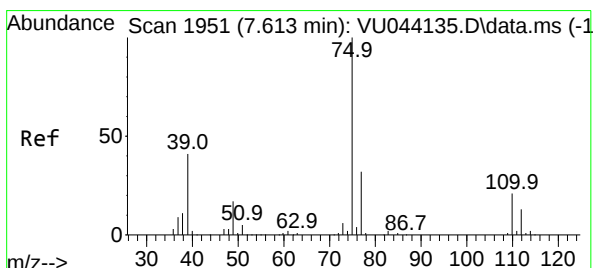
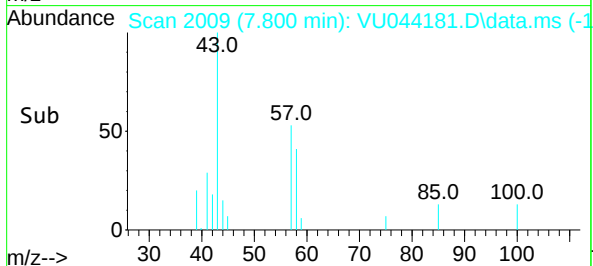
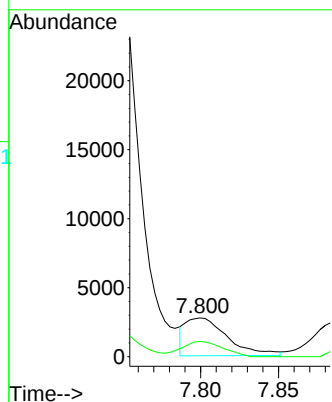
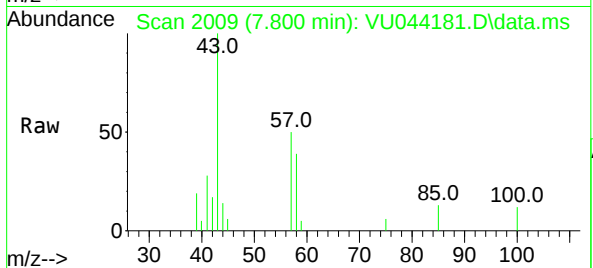
Instrument :
MSVOA_U
ClientSampled :



#51
4-Methyl-2-Pentanone
Concen: 1.275 ug/l
RT: 7.800 min Scan# 2009
Delta R.T. -0.000 min
Lab File: VU044181.D
Acq: 14 Jun 2021 15:11

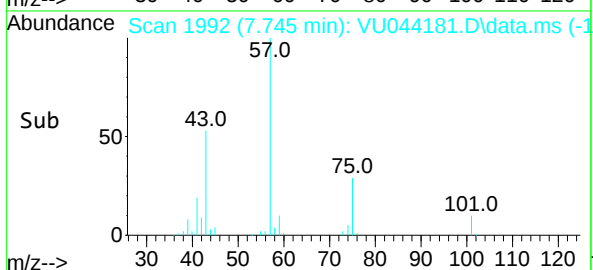
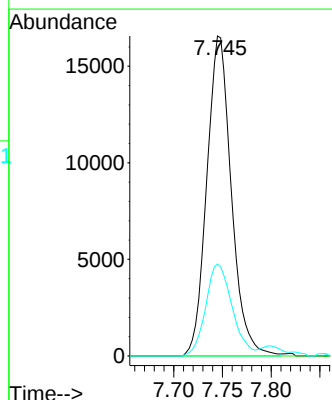
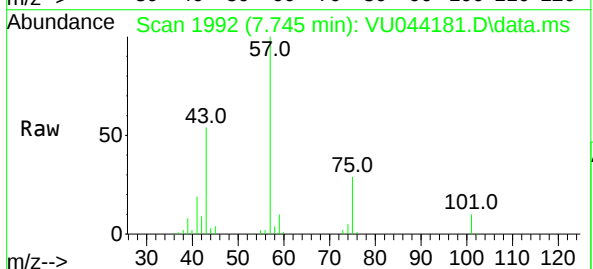
Instrument :
MSVOA_U
ClientSampled :

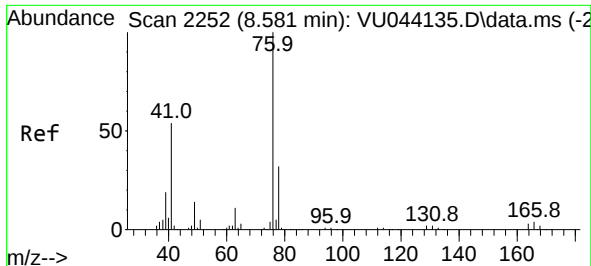
Tgt Ion: 43 Resp: 5138
Ion Ratio Lower Upper
43 100
58 39.2 34.5 51.7



#54
cis-1,3-Dichloropropene
Concen: 7.345 ug/l
RT: 7.745 min Scan# 1992
Delta R.T. 0.132 min
Lab File: VU044181.D
Acq: 14 Jun 2021 15:11

Tgt Ion: 75 Resp: 29008
Ion Ratio Lower Upper
75 100
77 0.0 25.9 38.9#
39 28.7 33.2 49.8#



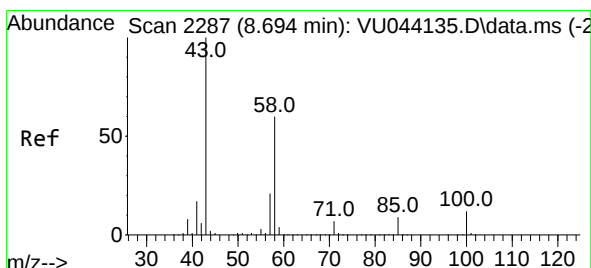
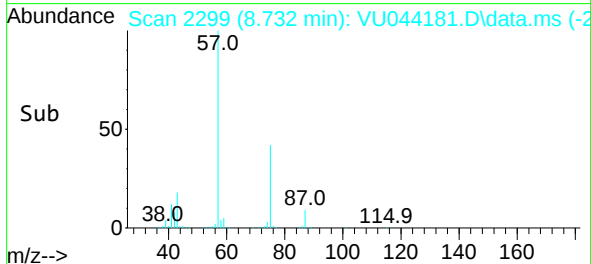
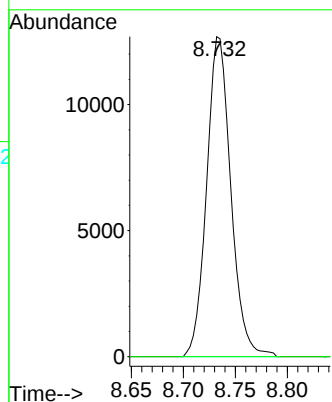
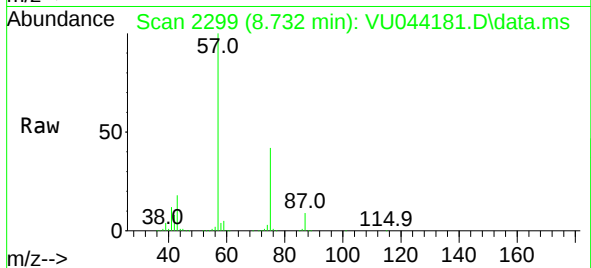


#57

1,3-Dichloropropane
Concen: 4.800 ug/l
RT: 8.732 min Scan# 2299
Delta R.T. 0.151 min
Lab File: VU044181.D
Acq: 14 Jun 2021 15:11

Instrument :
MSVOA_U
ClientSampled :

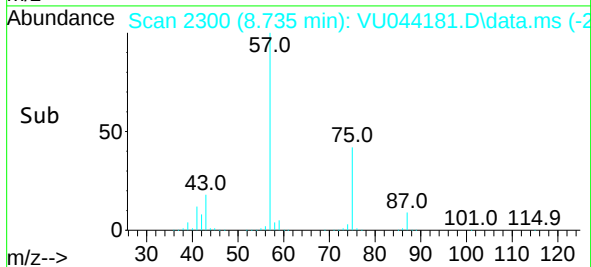
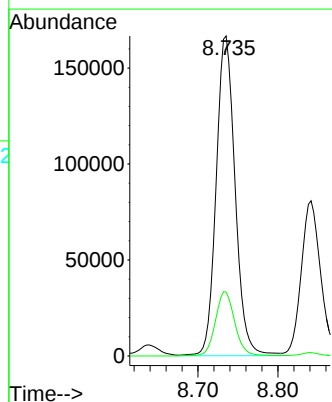
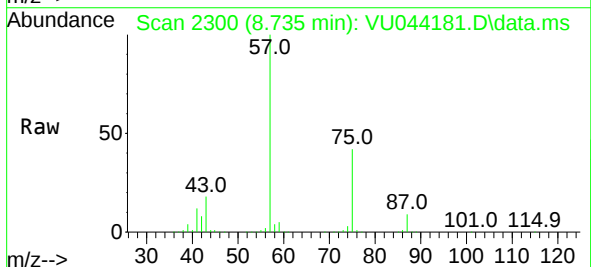
Tgt Ion: 76 Resp: 20586
Ion Ratio Lower Upper
76 100
78 0.0 25.9 38.9#

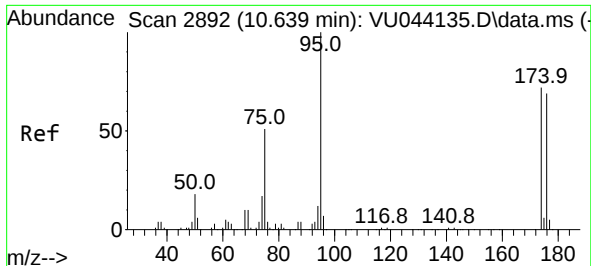


#59

2-Hexanone
Concen: 85.175 ug/l
RT: 8.735 min Scan# 2300
Delta R.T. 0.041 min
Lab File: VU044181.D
Acq: 14 Jun 2021 15:11

Tgt Ion: 43 Resp: 273916
Ion Ratio Lower Upper
43 100
58 20.7 30.0 90.1#

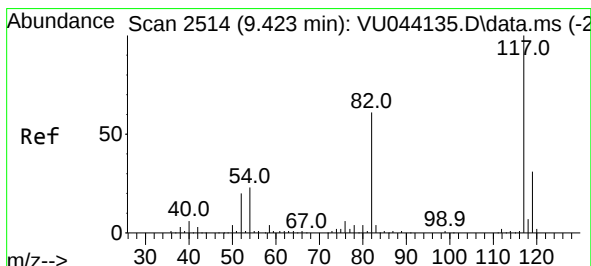
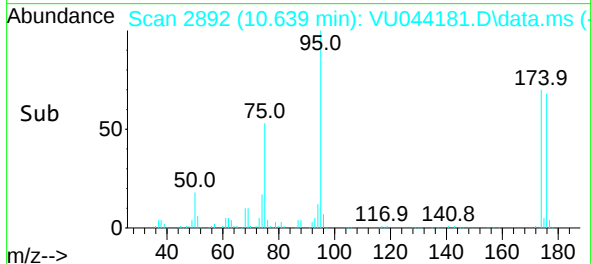
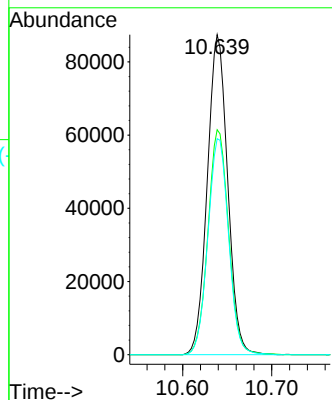
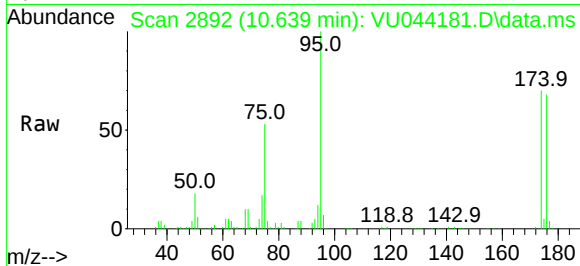




#62
4-Bromofluorobenzene
Concen: 43.947 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU044181.D
Acq: 14 Jun 2021 15:11

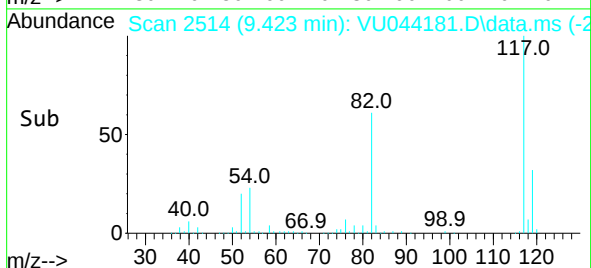
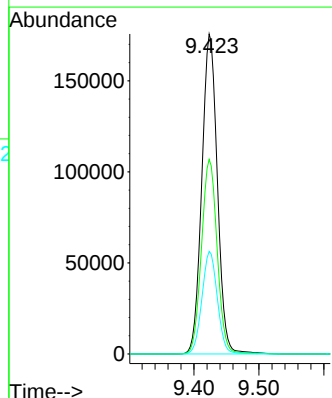
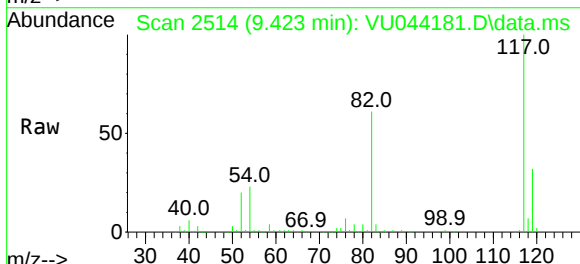
Instrument :
MSVOA_U
ClientSampleId :

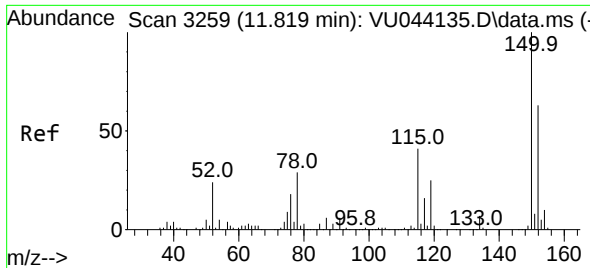
Tgt Ion: 95 Resp: 138584
Ion Ratio Lower Upper
95 100
174 71.5 0.0 144.4
176 68.6 0.0 138.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. -0.000 min
Lab File: VU044181.D
Acq: 14 Jun 2021 15:11

Tgt Ion: 117 Resp: 293317
Ion Ratio Lower Upper
117 100
82 60.8 48.8 73.2
119 32.0 25.0 37.6

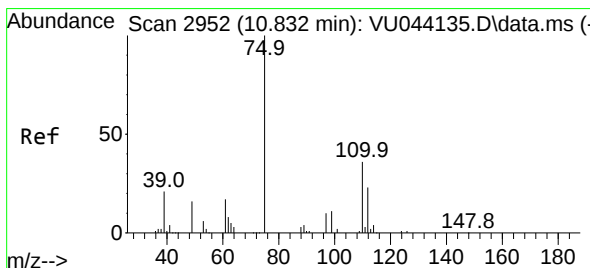
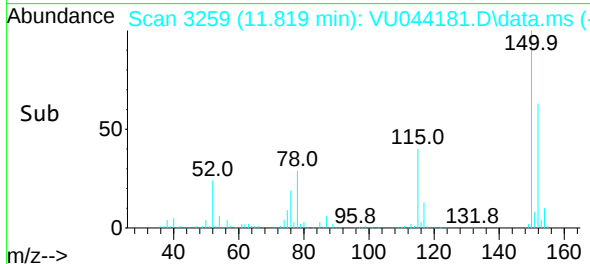
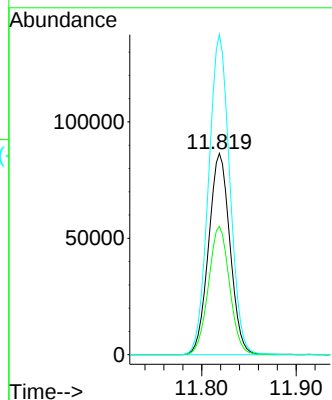
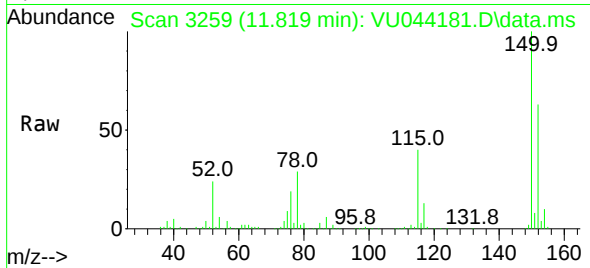




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU044181.D
 Acq: 14 Jun 2021 15:11

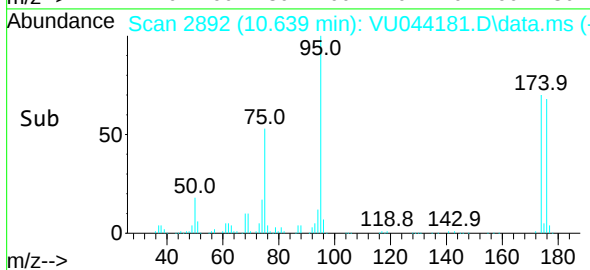
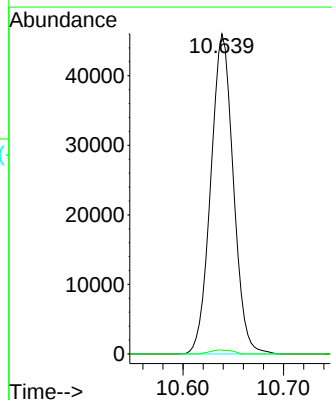
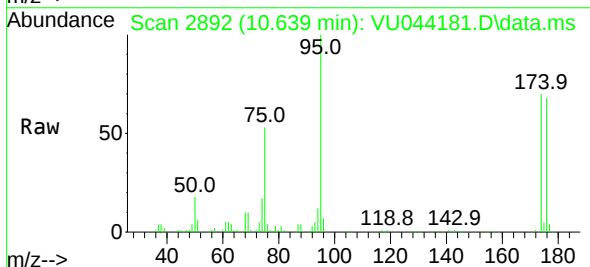
Instrument :
 MSVOA_U
 ClientSampled :

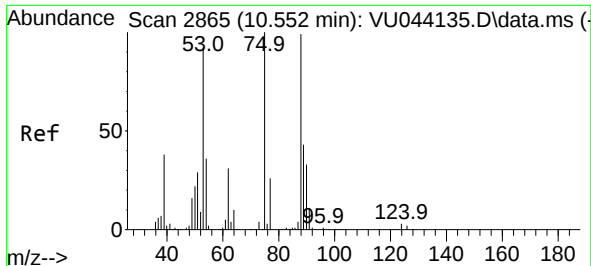
Tgt Ion:152 Resp: 135882
 Ion Ratio Lower Upper
 152 100
 115 62.9 43.8 131.3
 150 157.7 0.0 350.6



#76
 1,2,3-Trichloropropane
 Concen: 15.777 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.193 min
 Lab File: VU044181.D
 Acq: 14 Jun 2021 15:11

Tgt Ion: 75 Resp: 71877
 Ion Ratio Lower Upper
 75 100
 77 1.2 14.9 44.5#

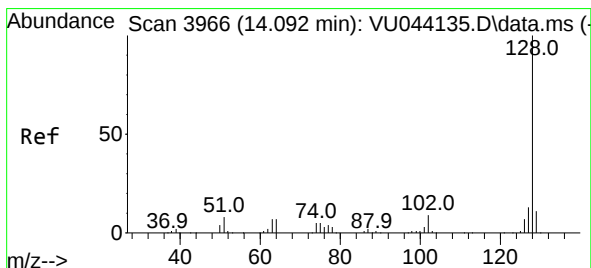
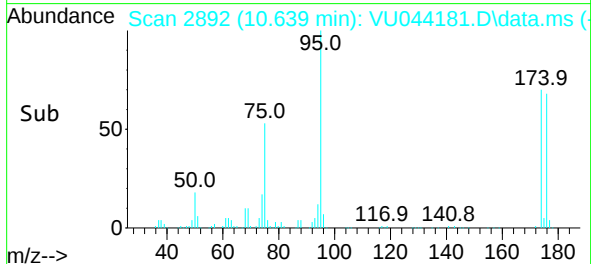
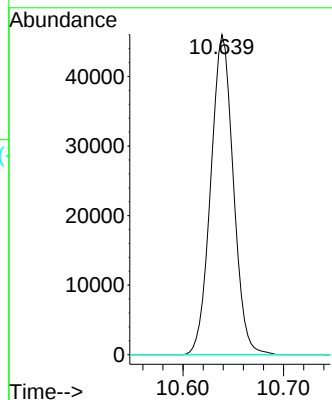
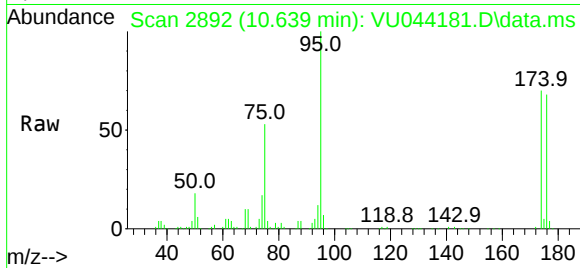




#81
trans-1,4-Dichloro-2-butene
Concen: 57.191 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.087 min
Lab File: VU044181.D
Acq: 14 Jun 2021 15:11

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 75 Resp: 71877
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.2#
89 0.0 35.0 52.6#



#95
Naphthalene
Concen: 2.893 ug/l
RT: 14.102 min Scan# 3969
Delta R.T. 0.010 min
Lab File: VU044181.D
Acq: 14 Jun 2021 15:11

Tgt Ion:128 Resp: 574
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

