

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081220\
 Data File : VU039839.D
 Acq On : 12 Aug 2020 11:44
 Operator : SY/MD
 Sample : L3319-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 13 02:49:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U072920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Jul 31 07:12:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	6.12	96	23646	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.63	95	8045	0.87	ug/l	0.00
Spiked Amount 1.000			Recovery	=	87.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	7056	0.78	ug/l	0.00
Spiked Amount 1.000			Recovery	=	78.00%	
Target Compounds						Ovalue
3) Chloromethane	1.53	50	158083	15.488	ug/l	100
5) Bromomethane	1.88	94	1535	0.239	ug/l	98
6) Chloroethane	1.94	64	93787	14.369	ug/l	98
12) Acrylonitrile	3.39	53	8390	3.638	ug/l #	31
13) Acetone	2.65	43	1047	0.483	ug/l	93
15) Methylene Chloride	3.06	84	2094	0.229	ug/l	94
17) 1,1-Dichloroethane	3.89	63	102111	6.225	ug/l	99
21) 2,2-Dichloropropane	4.68	77	179111	13.386	ug/l	95
22) cis-1,2-Dichloroethene	4.68	96	2013	0.250	ug/l #	1
24) tert-Butyl Alcohol	3.21	59	898	Below Cal	#	74
25) Methyl tert-Butyl Ether	3.39	73	597994	27.895	ug/l	100
26) Bromochloromethane	4.99	128	41917	12.725	ug/l	100
29) 1,1-Dichloropropene	5.54	75	47174	3.944	ug/l	98
37) Trichloroethene	6.55	130	1976	0.292	ug/l	88
43) Dibromomethane	6.93	93	28538	6.504	ug/l	97
46) t-1,4-Dichloro-2-butene	10.82	75	86554	43.779	ug/l #	15
50) t-1,3-Dichloropropene	8.22	75	127234	14.041	ug/l	99
51) cis-1,3-Dichloropropene	7.62	75	139793	13.125	ug/l	95
53) 1,3-Dichloropropane	8.58	76	117433	10.727	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.54	131	68116	11.093	ug/l	98
61) Pentachloroethane	11.42	117	11895	2.205	ug/l #	20
69) Isopropylbenzene	10.48	105	256355	7.928	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.78	83	118870	14.484	ug/l	99
71) 1,2,3-Trichloropropane	10.82	75	86554	13.999	ug/l	87
72) Bromobenzene	10.78	156	39321	5.354	ug/l	95
73) n-propylbenzene	10.91	120	99631	10.959	ug/l	99
74) 2-Chlorotoluene	10.99	126	47536	6.189	ug/l	98
75) 1,3,5-Trimethylbenzene	11.09	105	395421	14.146	ug/l	99
76) 4-Chlorotoluene	11.10	126	65665	8.255	ug/l	88
77) tert-Butylbenzene	11.42	119	216931	8.089	ug/l	92
78) 1,2,4-Trimethylbenzene	11.47	105	426851	14.889	ug/l	100
79) sec-Butylbenzene	11.64	105	271648	7.117	ug/l	100
81) p-Isopropyltoluene	11.79	119	432683	14.066	ug/l	99
82) 1,3-Dichlorobenzene	11.74	146	190954	12.081	ug/l	98
83) 1,4-Dichlorobenzene	11.74	146	190954	12.011	ug/l	98
84) n-Butylbenzene	12.20	91	175630	5.375	ug/l	99
88) Hexachlorobutadiene	14.01	225	50058	11.569	ug/l	100
89) Naphthalene	14.08	128	774431	37.987	ug/l	99
90) 1,2,3-Trichlorobenzene	14.32	180	280920	31.232	ug/l	100
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Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Aug 13 02:49:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U072920DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Jul 31 07:12:27 2020
Response via : Initial Calibration

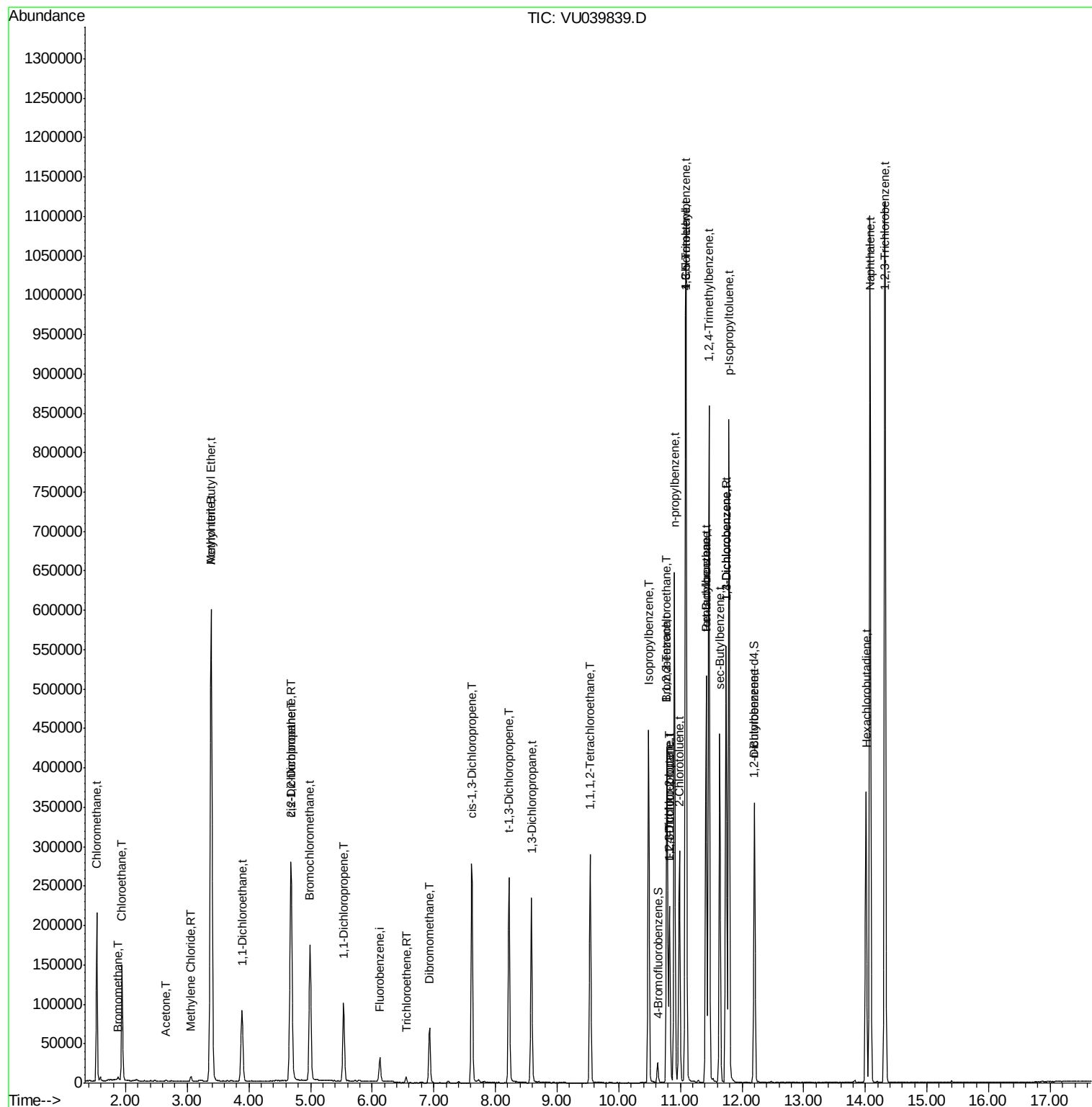
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

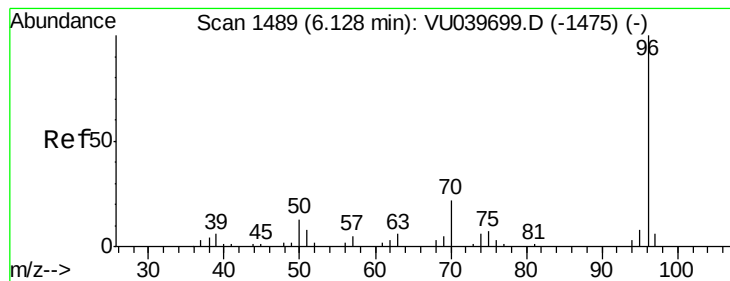
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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QLast Update : Fri Jul 31 07:12:27 2020
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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.12 min Scan# 1488

Delta R.T. -0.00 min

Lab File: VU039839.D

Acq: 12 Aug 2020 11:44

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 96 Resp: 23646

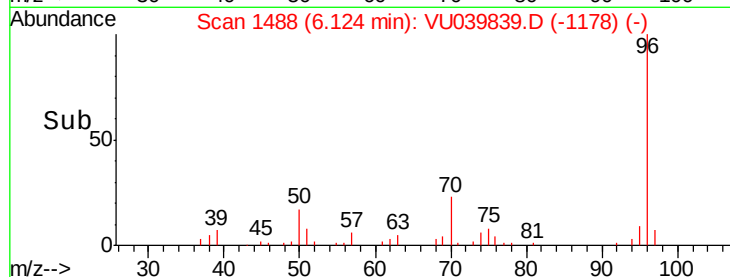
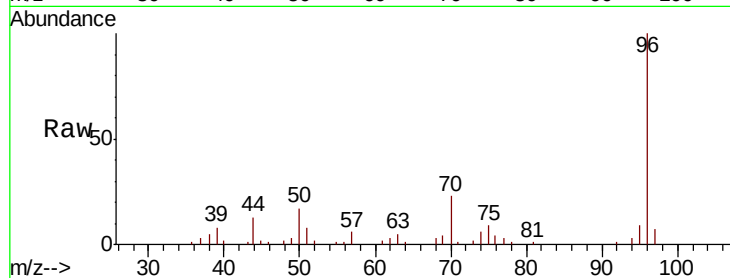
Ion Ratio Lower Upper

96 100

70 22.9 16.3 24.5

95 9.1 6.8 10.2

97 7.0 0.0 0.0#

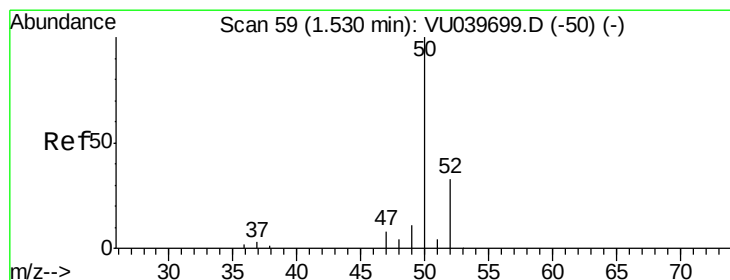
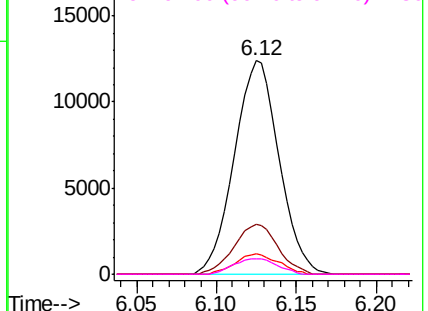


Abundance Ion 96.00 (95.70 to 96.70): VU039839.D (-1178) (-)

Ion 70.00 (69.70 to 70.70): VU039839.D (-1178) (-)

Ion 95.00 (94.70 to 95.70): VU039839.D (-1178) (-)

Ion 97.00 (96.70 to 97.70): VU039839.D (-1178) (-)



#3

Chloromethane

Concen: 15.488 ug/l

RT: 1.53 min Scan# 60

Delta R.T. 0.00 min

Lab File: VU039839.D

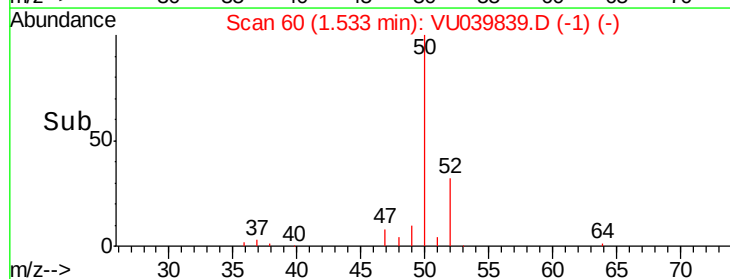
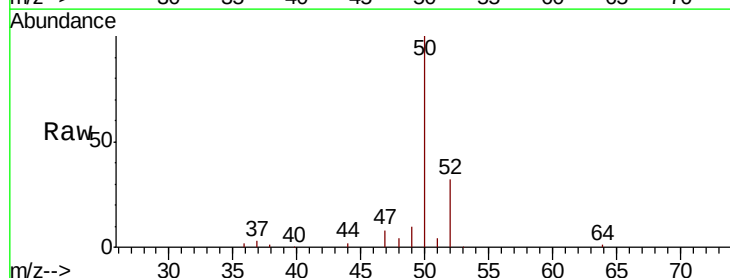
Acq: 12 Aug 2020 11:44

Tgt Ion: 50 Resp: 158083

Ion Ratio Lower Upper

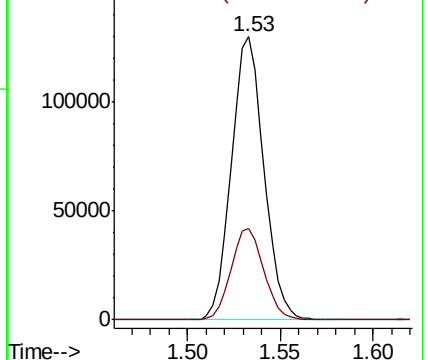
50 100

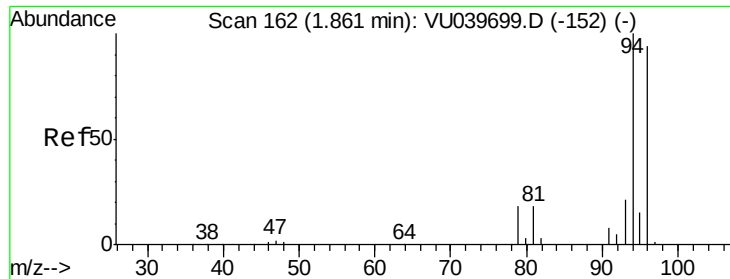
52 32.3 26.0 39.0



Abundance Ion 50.00 (49.70 to 50.70): VU039839.D (-1) (-)

Ion 52.00 (51.70 to 52.70): VU039839.D (-1) (-)

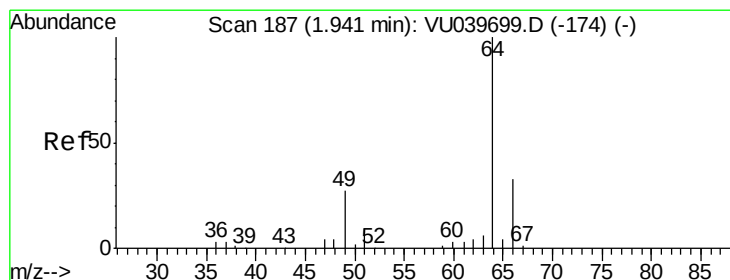
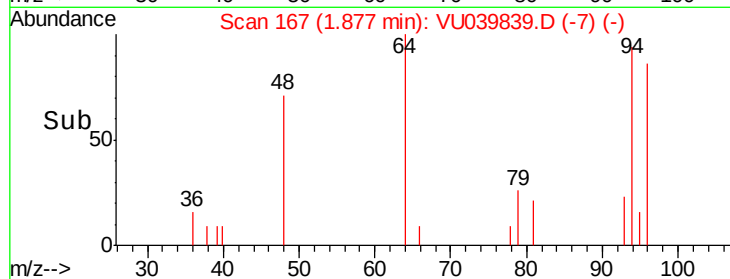
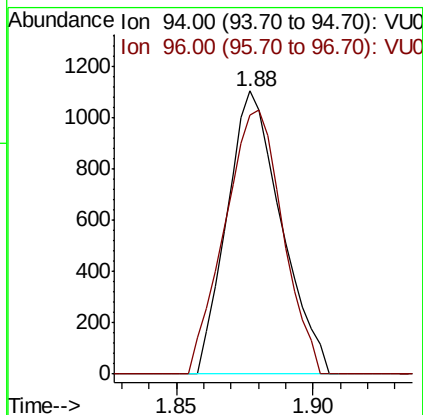
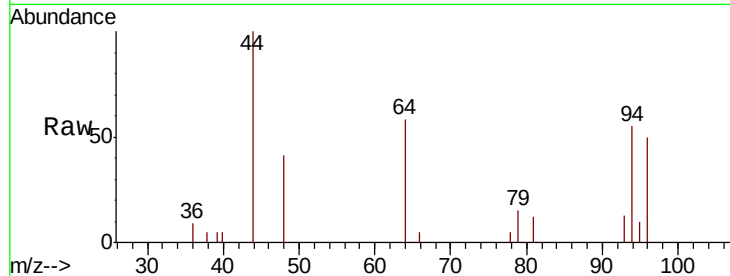




#5
Bromomethane
Concen: 0.239 ug/l
RT: 1.88 min Scan# 167
Delta R.T. 0.02 min
Lab File: VU039839.D
Acq: 12 Aug 2020 11:44

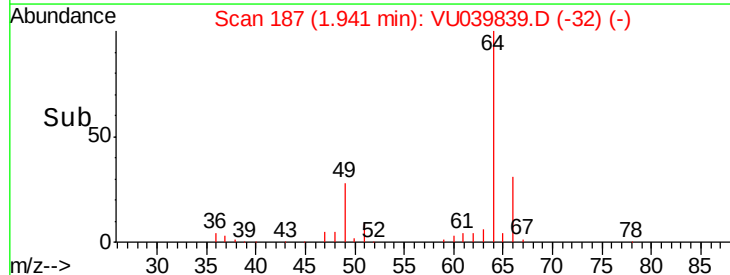
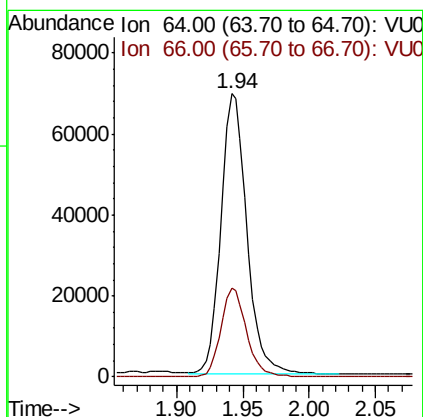
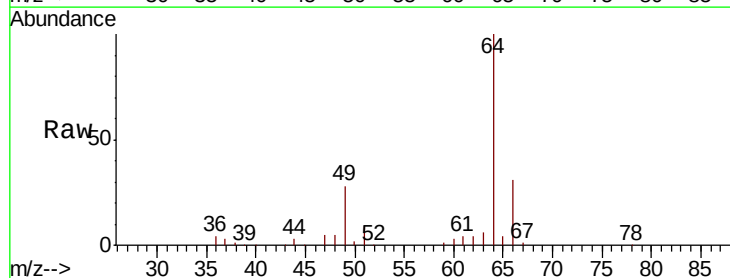
Instrument :
MSVOA_U
ClientSampled :

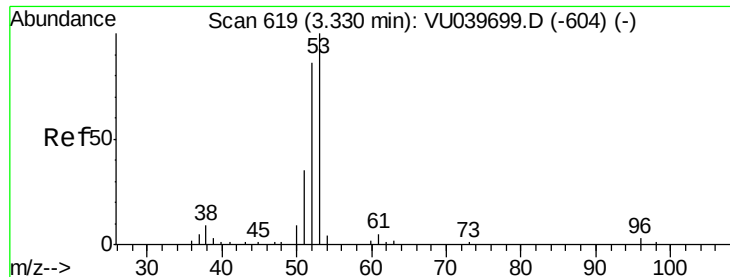
Tot Ion: 94 Resp: 1535
Ion Ratio Lower Upper
94 100
96 91.5 75.0 112.6



#6
Chloroethane
Concen: 14.369 ug/l
RT: 1.94 min Scan# 187
Delta R.T. -0.00 min
Lab File: VU039839.D
Acq: 12 Aug 2020 11:44

Tgt Ion: 64 Resp: 93787
Ion Ratio Lower Upper
64 100
66 31.7 26.2 39.2





#12

Acrylonitrile

Concen: 3.638 ug/l

RT: 3.39 min Scan# 637

Delta R.T. 0.06 min

Lab File: VU039839.D

Acq: 12 Aug 2020 11:44

Instrument :

MSVOA_U

ClientSampleId :

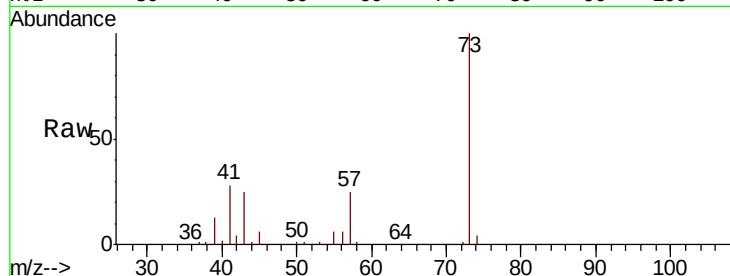
Tot Ion: 53 Resp: 8390

Ion Ratio Lower Upper

53 100

52 18.9 69.1 103.7#

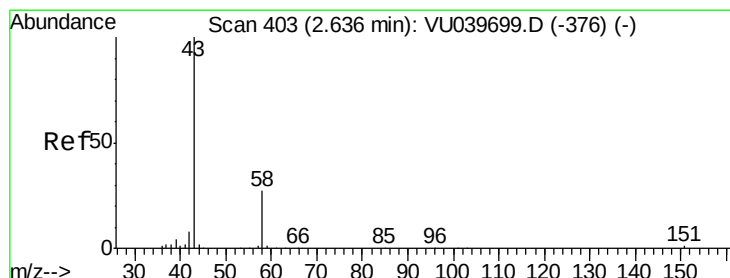
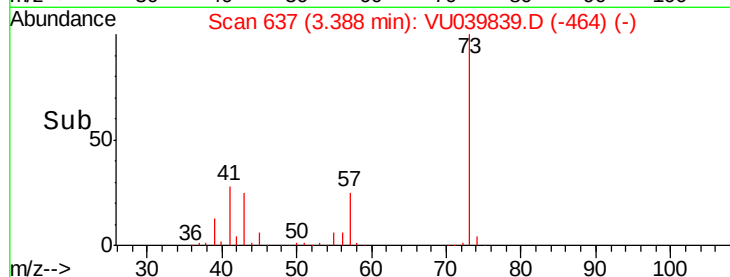
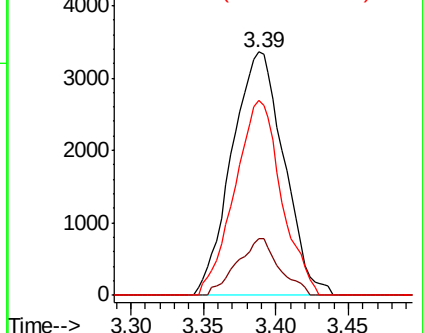
51 71.8 29.4 44.2#



Abundance Ion 53.00 (52.70 to 53.70): VU039699.D (-604) (-)

Ion 52.00 (51.70 to 52.70): VU039699.D (-604) (-)

Ion 51.00 (50.70 to 51.70): VU039699.D (-604) (-)



#13

Acetone

Concen: 0.483 ug/l

RT: 2.65 min Scan# 408

Delta R.T. 0.02 min

Lab File: VU039839.D

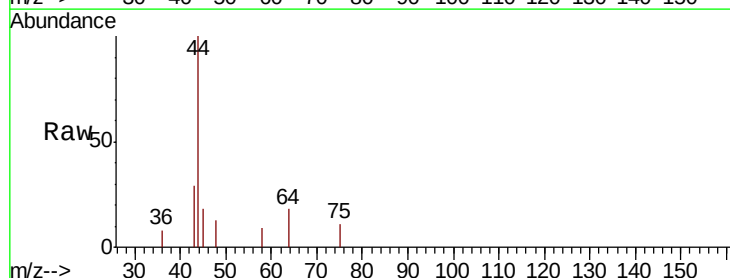
Acq: 12 Aug 2020 11:44

Tgt Ion: 43 Resp: 1047

Ion Ratio Lower Upper

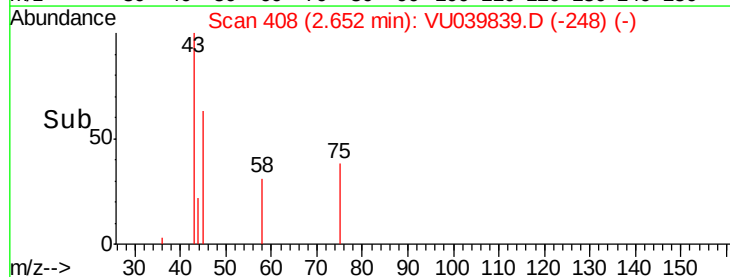
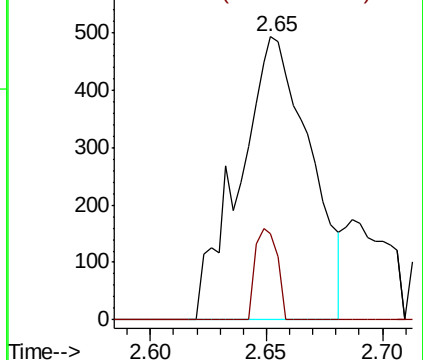
43 100

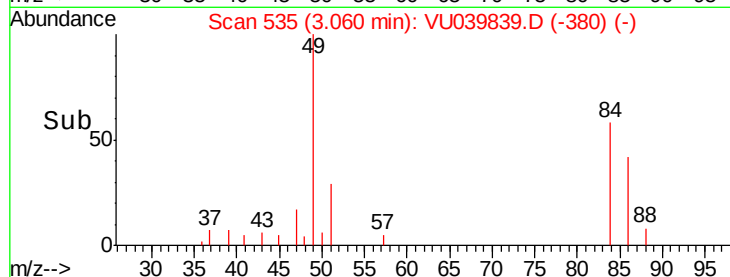
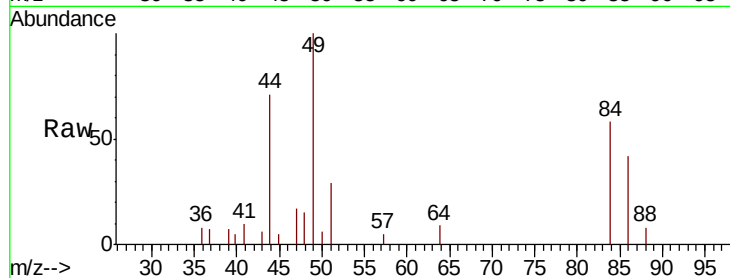
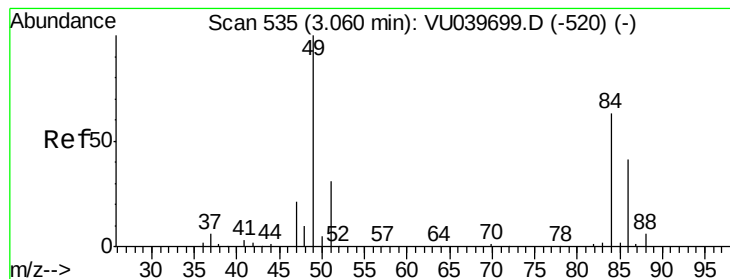
58 30.6 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VU039699.D (-376) (-)

Ion 58.00 (57.70 to 58.70): VU039699.D (-376) (-)





#15

Methylene Chloride

Concen: 0.229 ug/l

RT: 3.06 min Scan# 535

Delta R.T. -0.00 min

Lab File: VU039839.D

Acq: 12 Aug 2020 11:44

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 84 Resp: 2094

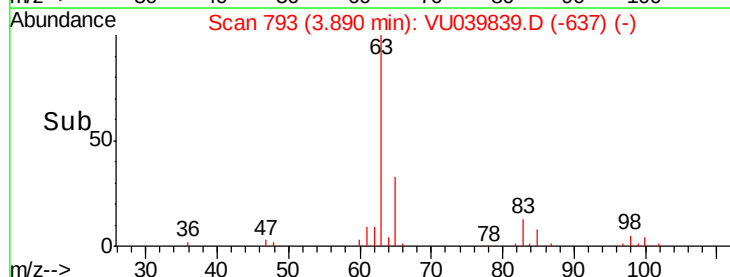
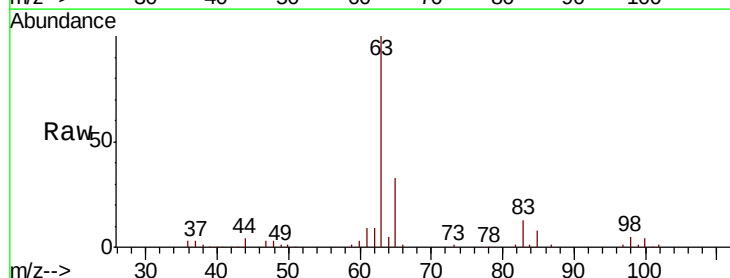
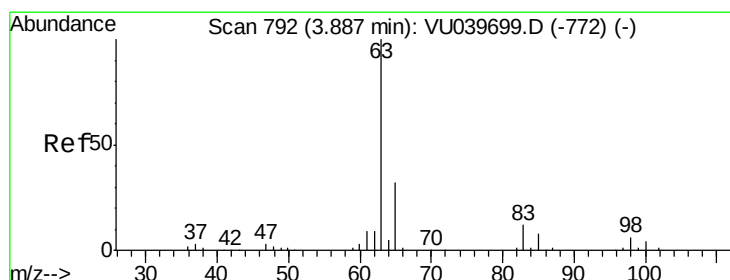
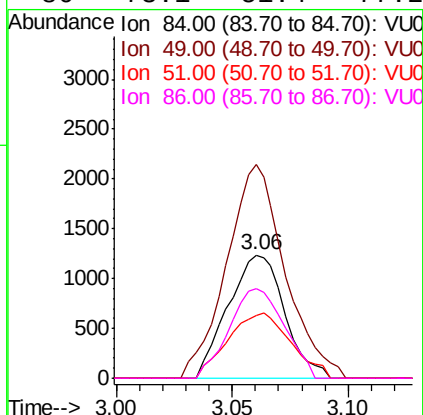
Ion Ratio Lower Upper

84 100

49 164.2 126.8 190.2

51 50.6 0.0 97.2

86 73.1 51.4 77.2



#17

1,1-Dichloroethane

Concen: 6.225 ug/l

RT: 3.89 min Scan# 793

Delta R.T. 0.00 min

Lab File: VU039839.D

Acq: 12 Aug 2020 11:44

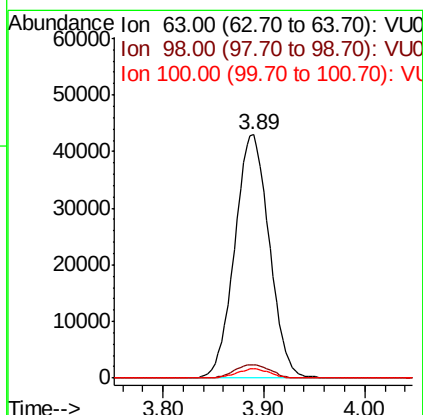
Tgt Ion: 63 Resp: 102111

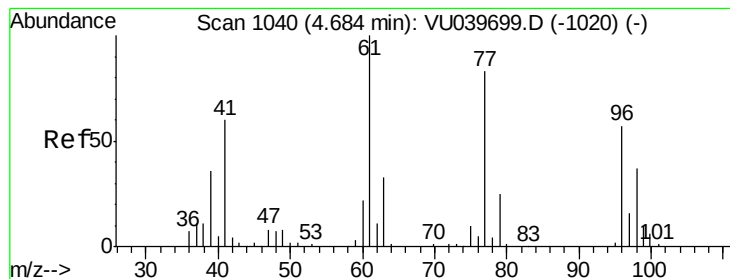
Ion Ratio Lower Upper

63 100

98 5.3 2.9 8.7

100 4.1 2.0 6.0





#21

2,2-Dichloropropane

Concen: 13.386 ug/l

RT: 4.68 min Scan# 1040

Delta R.T. -0.00 min

Lab File: VU039839.D

Acq: 12 Aug 2020 11:44

Instrument :

MSVOA_U

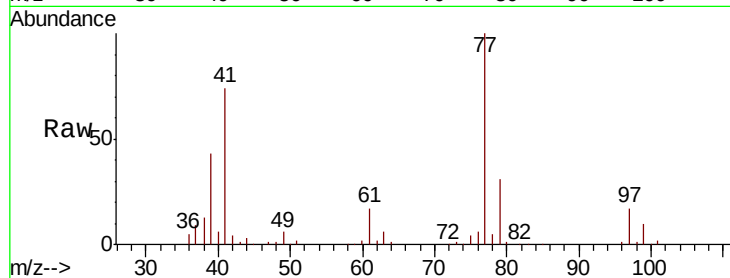
ClientSampleId :

Tot Ion: 77 Resp: 179111

Ion Ratio Lower Upper

77 100

97 16.6 15.2 22.8



Abundance Ion 77.00 (76.70 to 77.70): VU039839.D (-885) (-)

Ion 97.00 (96.70 to 97.70): VU039839.D (-885) (-)

80000

60000

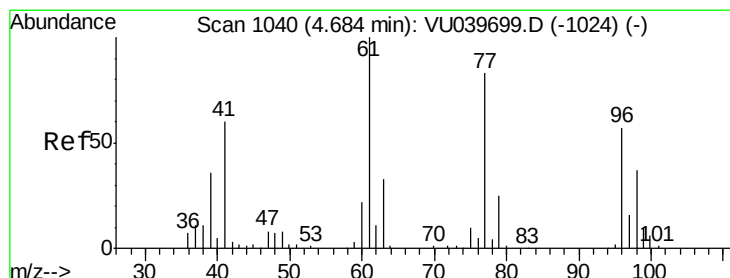
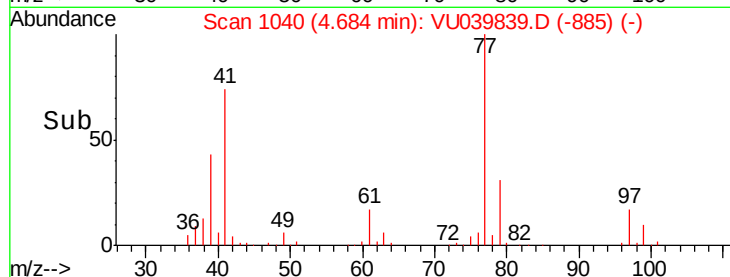
40000

20000

0

4.60 4.70 4.80

Time-->



#22

cis-1,2-Dichloroethene

Concen: 0.250 ug/l

RT: 4.68 min Scan# 1039

Delta R.T. -0.00 min

Lab File: VU039839.D

Acq: 12 Aug 2020 11:44

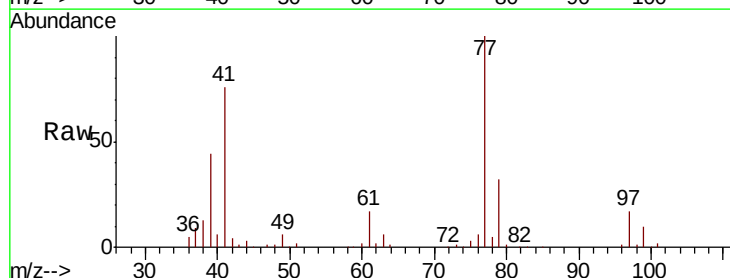
Tgt Ion: 96 Resp: 2013

Ion Ratio Lower Upper

96 100

61 1476.4 0.0 451.3#

98 94.7 32.6 98.0



Abundance Ion 96.00 (95.70 to 96.70): VU039839.D (-885) (-)

Ion 61.00 (60.70 to 61.70): VU039839.D (-885) (-)

Ion 98.00 (97.70 to 98.70): VU039839.D (-885) (-)

15000

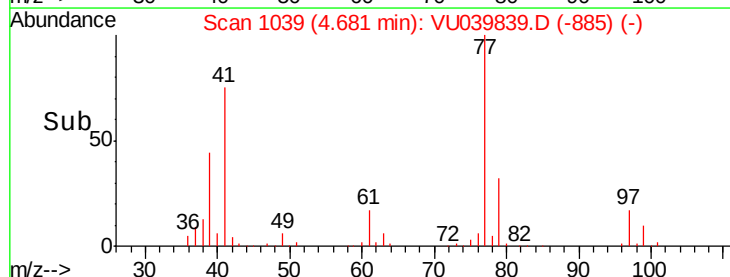
10000

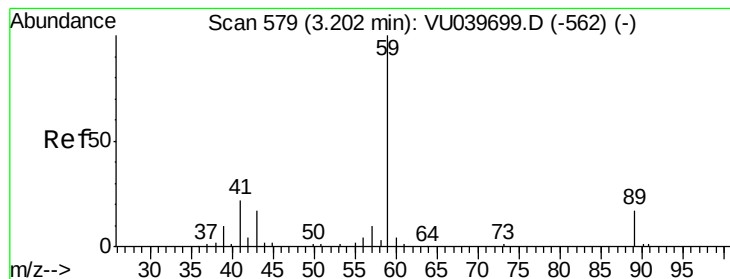
5000

0

4.65 4.70 4.75

Time-->



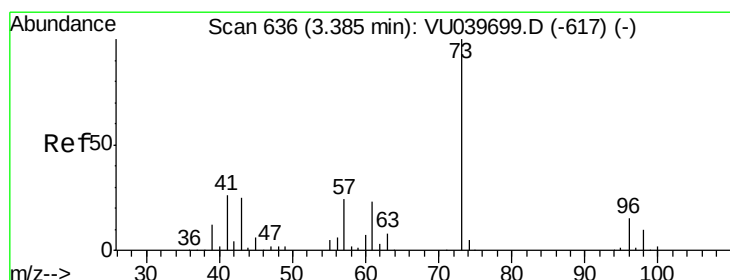
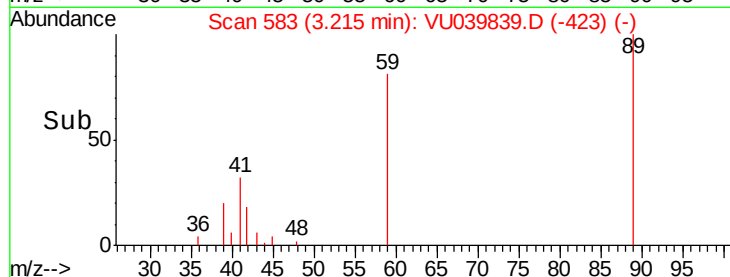
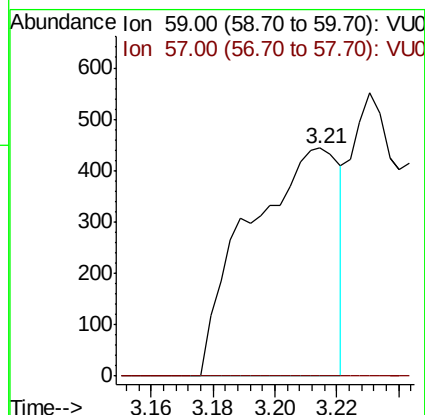
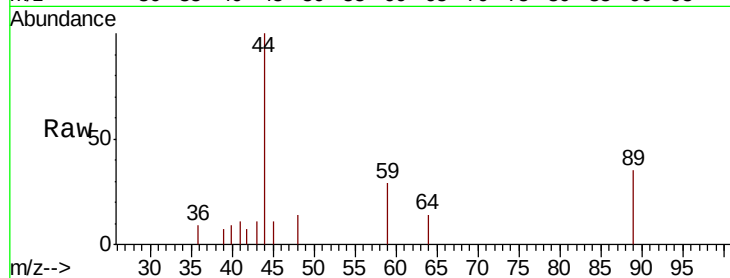


#24

tert-Butyl Alcohol
 Concen: Below Cal
 RT: 3.21 min Scan# 583
 Delta R.T. 0.01 min
 Lab File: VU039839.D
 Acq: 12 Aug 2020 11:44

Instrument :
 MSVOA_U
 ClientSampled :

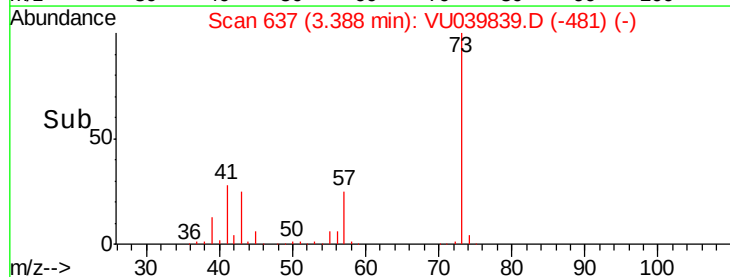
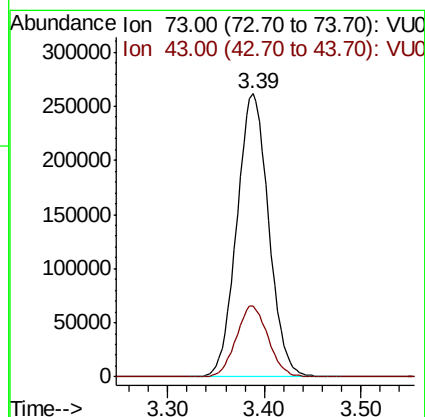
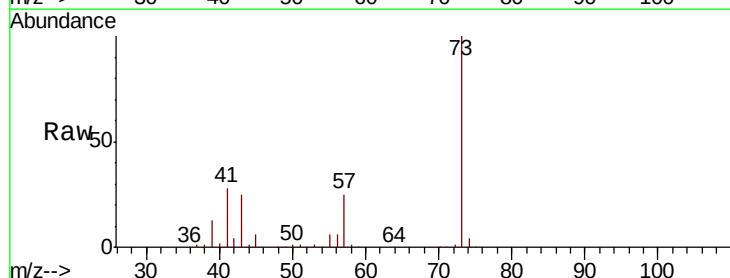
Tot Ion: 59 Resp: 898
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.8 11.6#

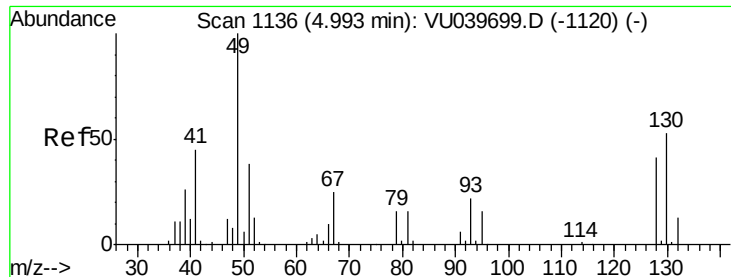


#25

Methyl tert-Butyl Ether
 Concen: 27.895 ug/l
 RT: 3.39 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: VU039839.D
 Acq: 12 Aug 2020 11:44

Tgt Ion: 73 Resp: 597994
 Ion Ratio Lower Upper
 73 100
 43 25.3 20.1 30.1

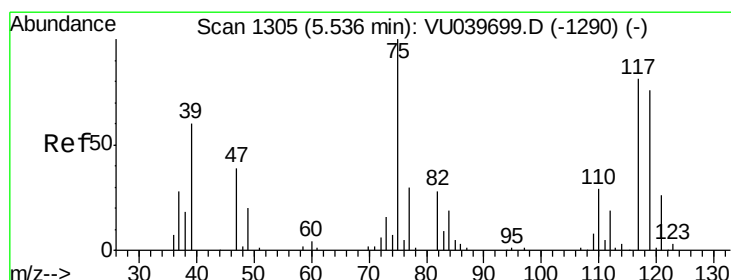
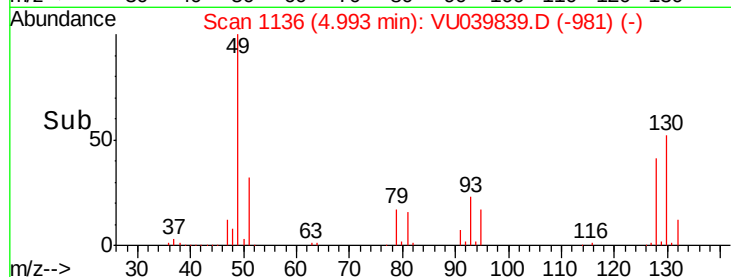
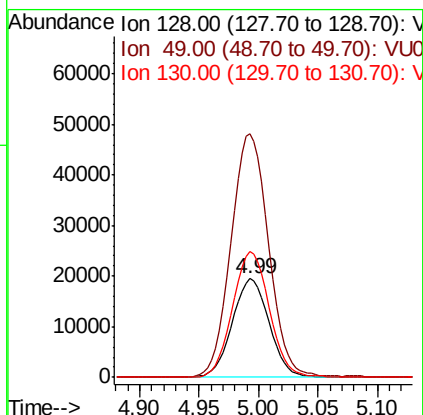
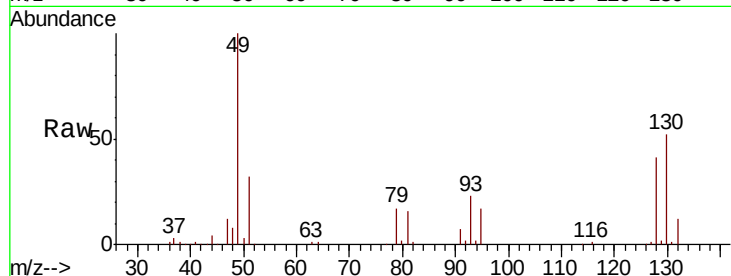




#26
Bromochloromethane
Concen: 12.725 ug/l
RT: 4.99 min Scan# 1136
Delta R.T. -0.00 min
Lab File: VU039839.D
Acq: 12 Aug 2020 11:44

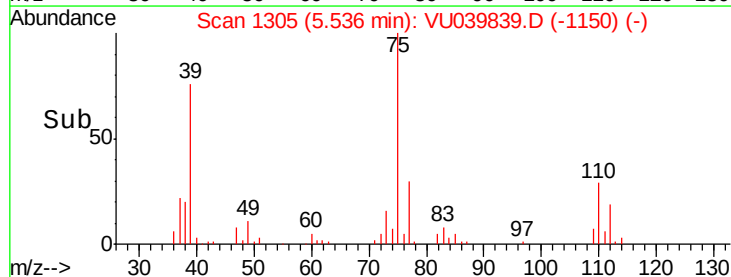
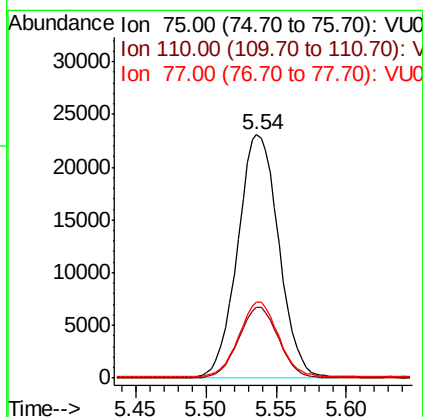
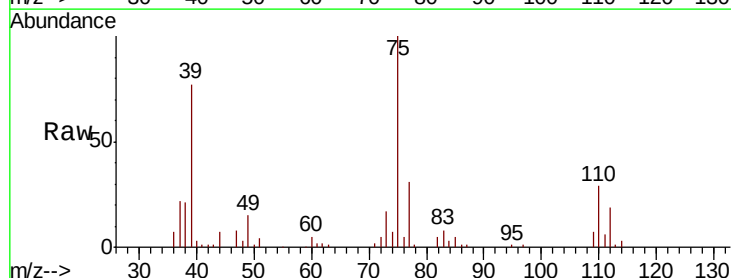
Instrument :
MSVOA_U
ClientSampled :

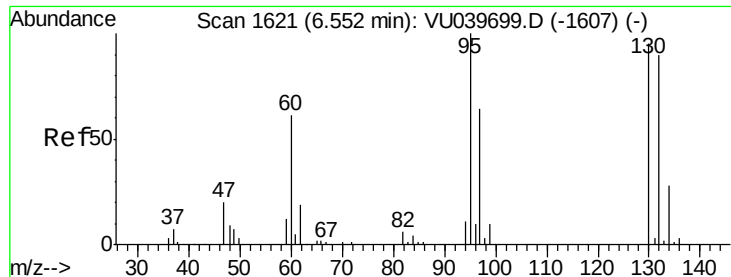
Tot Ion:128 Resp: 41917
Ion Ratio Lower Upper
128 100
49 251.6 0.0 503.8
130 127.4 102.7 154.1



#29
1,1-Dichloropropene
Concen: 3.944 ug/l
RT: 5.54 min Scan# 1305
Delta R.T. -0.00 min
Lab File: VU039839.D
Acq: 12 Aug 2020 11:44

Tgt Ion: 75 Resp: 47174
Ion Ratio Lower Upper
75 100
110 28.3 14.6 44.0
77 29.6 25.0 37.4

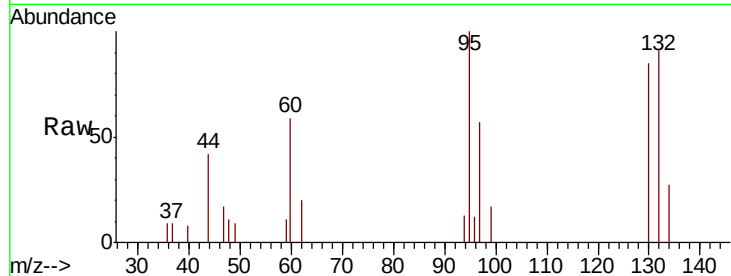




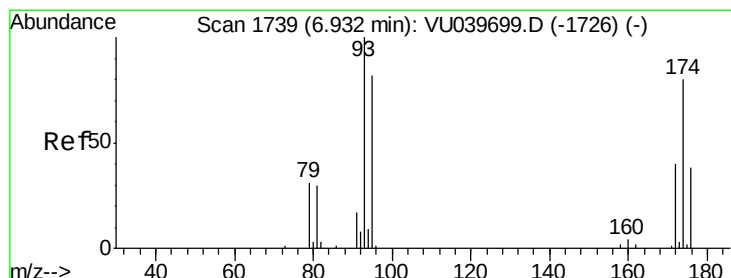
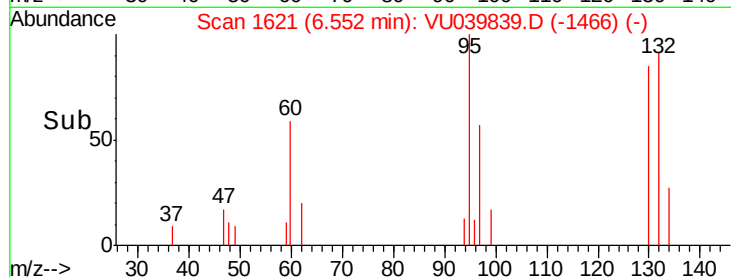
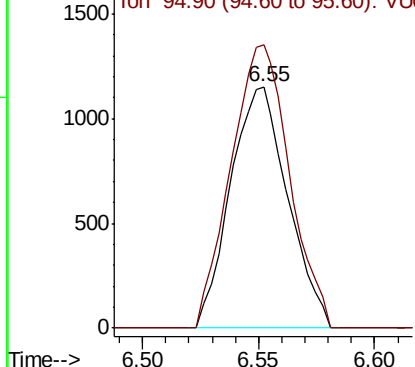
#37
 Trichloroethene
 Concen: 0.292 ug/l
 RT: 6.55 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VU039839.D
 Acq: 12 Aug 2020 11:44

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:130 Resp: 1976
 Ion Ratio Lower Upper
 130 100
 95 117.3 84.3 126.5

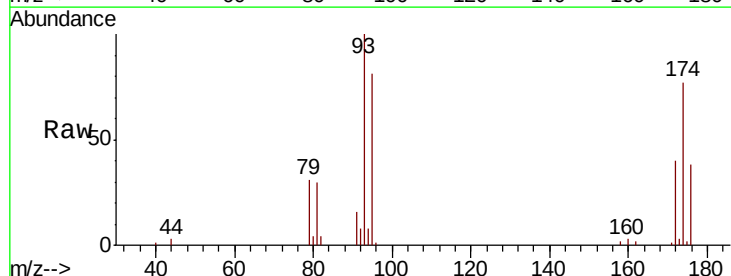


Abundance Ion 129.90 (129.60 to 130.60): VU039699.D (-1607) (-)
 Ion 94.90 (94.60 to 95.60): VU039699.D (-1607) (-)

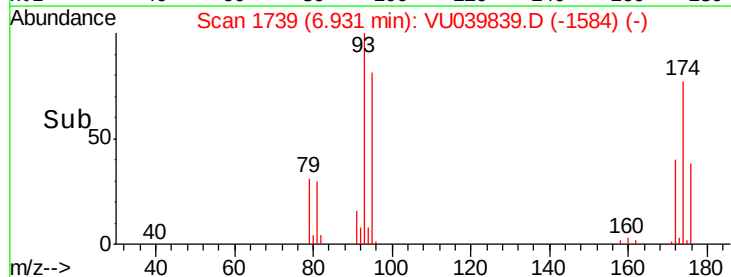
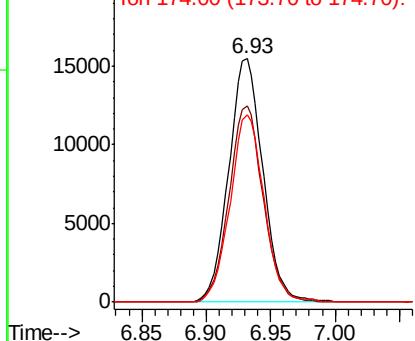


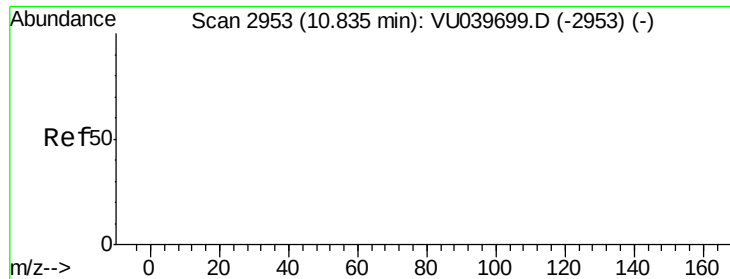
#43
 Dibromomethane
 Concen: 6.504 ug/l
 RT: 6.93 min Scan# 1739
 Delta R.T. -0.00 min
 Lab File: VU039839.D
 Acq: 12 Aug 2020 11:44

Tgt Ion: 93 Resp: 28538
 Ion Ratio Lower Upper
 93 100
 95 80.1 66.6 99.8
 174 76.4 62.7 94.1



Abundance Ion 93.00 (92.70 to 93.70): VU039699.D (-1726) (-)
 Ion 95.00 (94.70 to 95.70): VU039699.D (-1726) (-)
 Ion 174.00 (173.70 to 174.70): VU039699.D (-1726) (-)





#46

t-1,4-Dichloro-2-butene

Concen: 43.779 ug/l

RT: 10.82 min Scan# 2949

Delta R.T. -0.01 min

Lab File: VU039839.D

Acq: 12 Aug 2020 11:44

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 86554

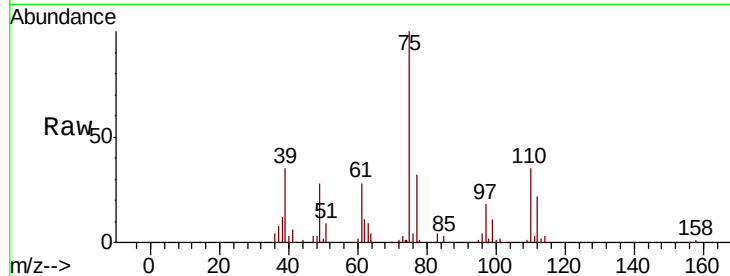
Ion Ratio Lower Upper

75 100

53 0.0 78.6 118.0#

89 0.0 40.3 60.5#

88 0.0 34.0 51.0#

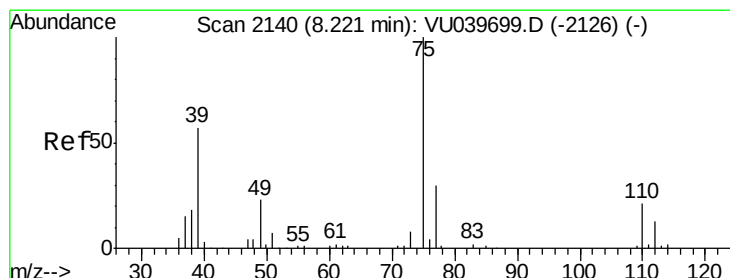
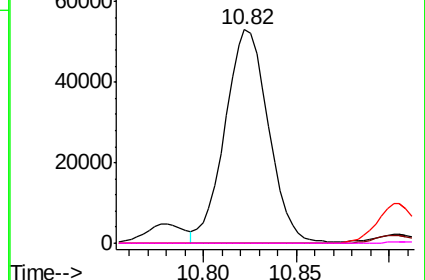
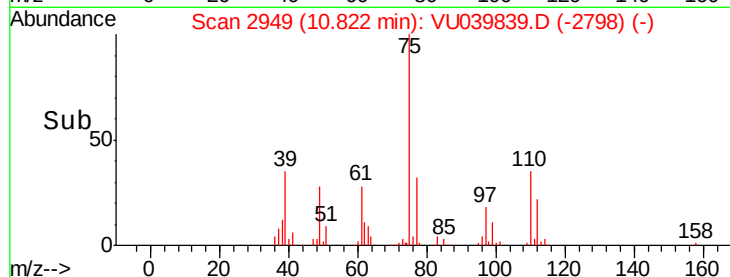


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.80 (88.50 to 89.50): VU0

Ion 87.80 (87.50 to 88.50): VU0



#50

t-1,3-Dichloropropene

Concen: 14.041 ug/l

RT: 8.22 min Scan# 2140

Delta R.T. -0.00 min

Lab File: VU039839.D

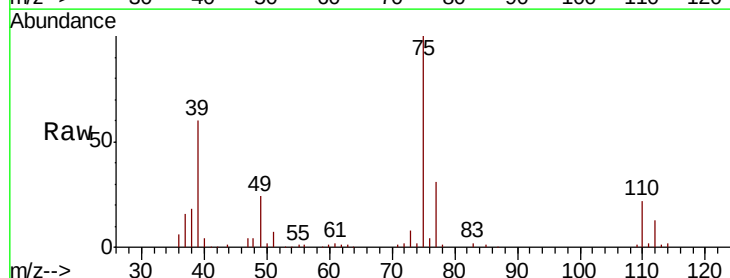
Acq: 12 Aug 2020 11:44

Tgt Ion: 75 Resp: 127234

Ion Ratio Lower Upper

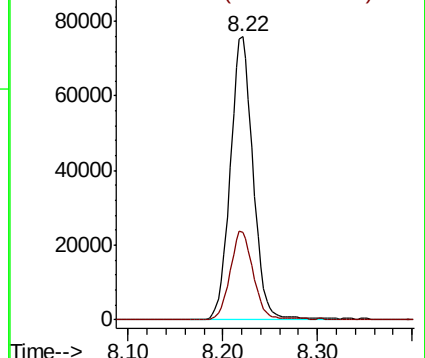
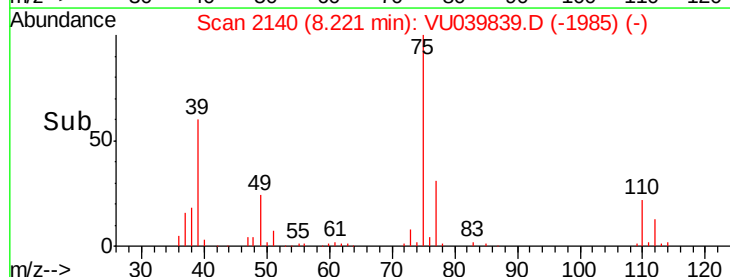
75 100

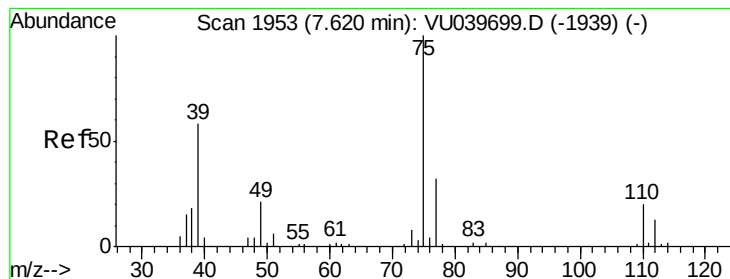
77 31.1 24.3 36.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



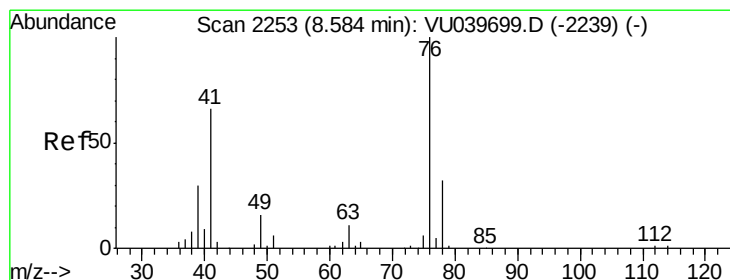
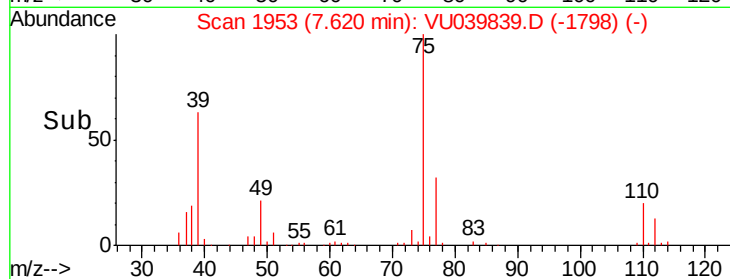
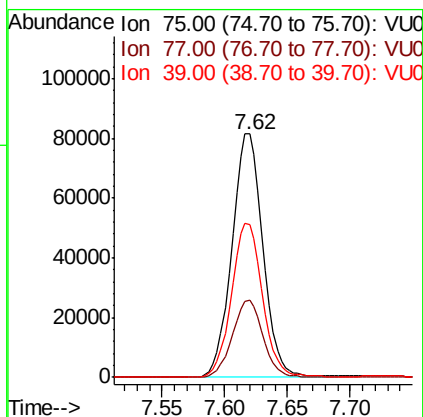
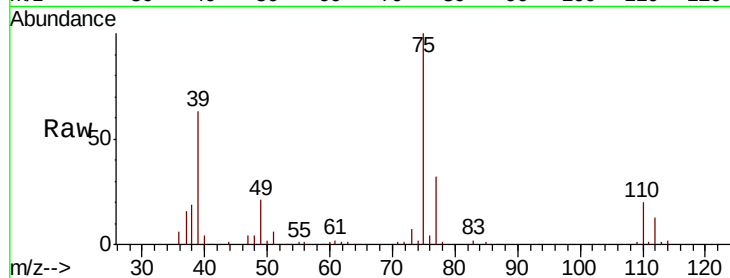


#51

cis-1,3-Dichloropropene
 Concen: 13.125 ug/l
 RT: 7.62 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: VU039839.D
 Acq: 12 Aug 2020 11:44

Instrument :
 MSVOA_U
 ClientSampled :

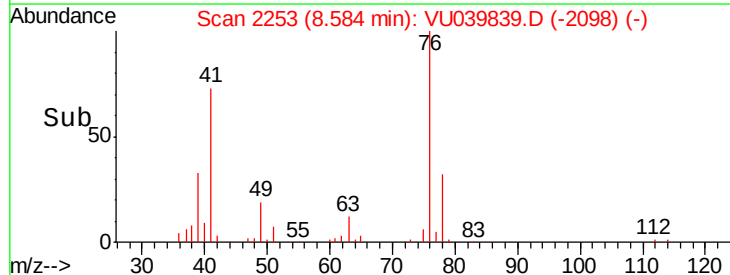
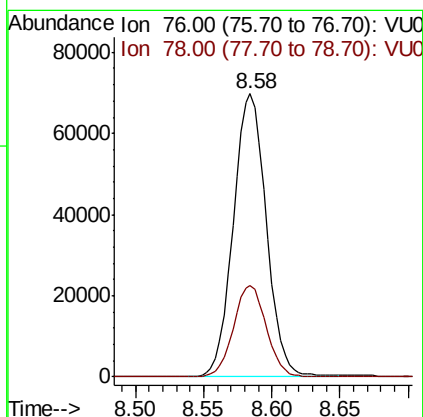
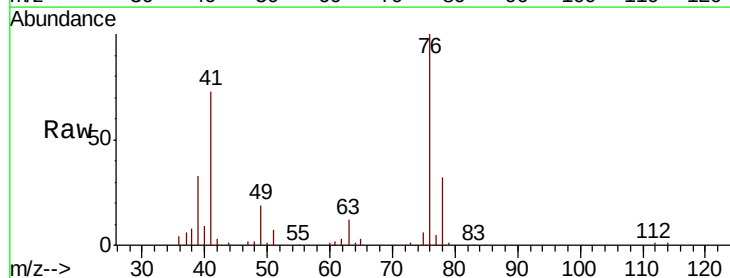
Tot Ion: 75 Resp: 139793
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.7 38.5
 39 62.8 46.1 69.1

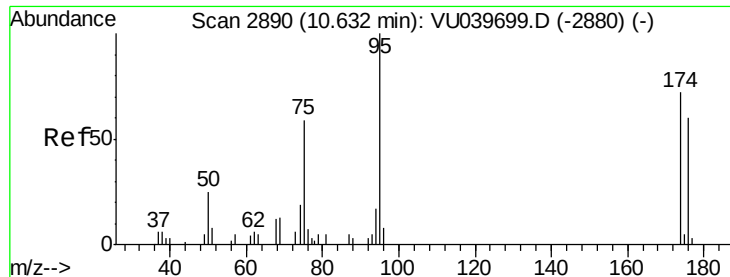


#53

1,3-Dichloropropane
 Concen: 10.727 ug/l
 RT: 8.58 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VU039839.D
 Acq: 12 Aug 2020 11:44

Tgt Ion: 76 Resp: 117433
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.4 38.2

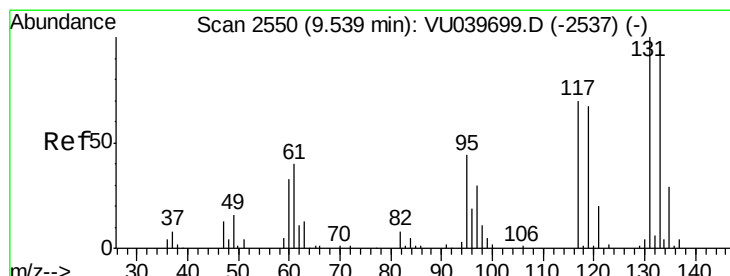
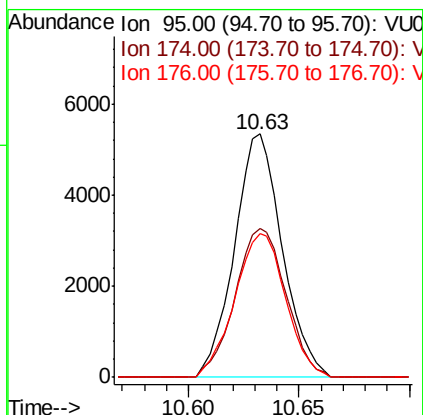
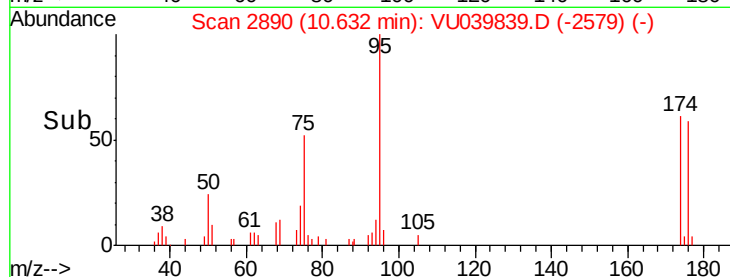
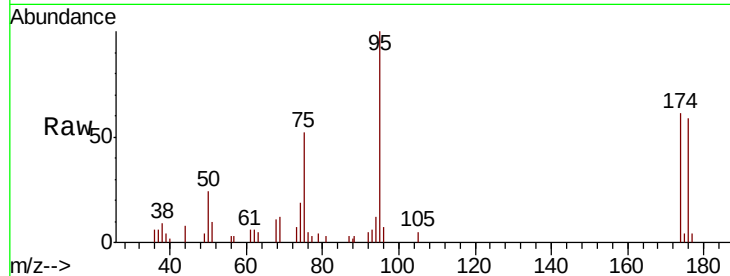




#57
 4-Bromofluorobenzene
 Concen: 0.871 ug/l
 RT: 10.63 min Scan# 2890
 Delta R.T. -0.00 min
 Lab File: VU039839.D
 Acq: 12 Aug 2020 11:44

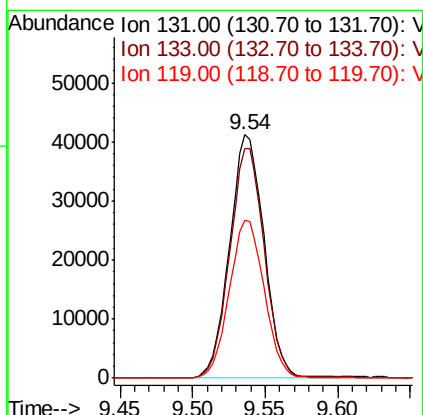
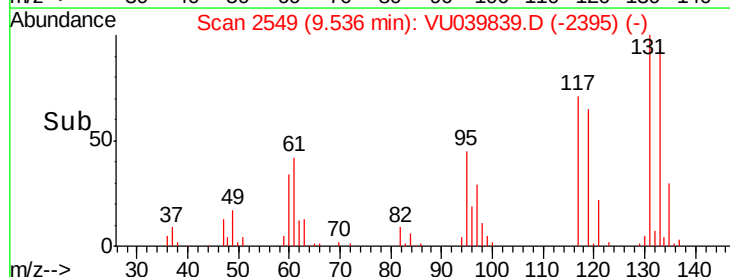
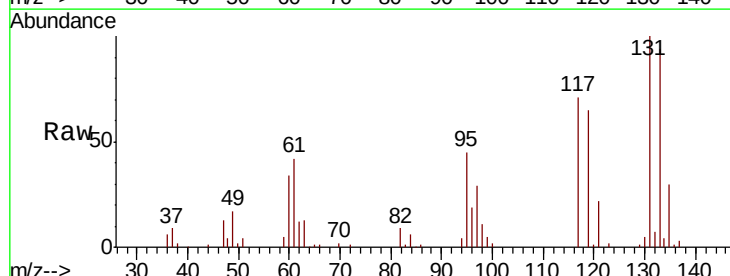
Instrument :
 MSVOA_U
 ClientSampleId :

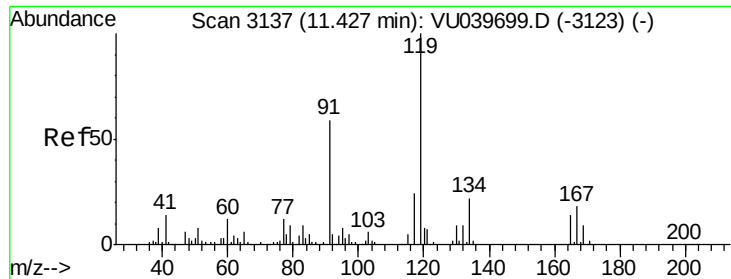
Tot Ion: 95 Resp: 8045
 Ion Ratio Lower Upper
 95 100
 174 65.1 57.0 85.4
 176 62.6 50.2 75.2



#60
 1,1,1,2-Tetrachloroethane
 Concen: 11.093 ug/l
 RT: 9.54 min Scan# 2549
 Delta R.T. -0.00 min
 Lab File: VU039839.D
 Acq: 12 Aug 2020 11:44

Tgt Ion: 131 Resp: 68116
 Ion Ratio Lower Upper
 131 100
 133 94.6 75.8 113.8
 119 65.4 54.6 81.8

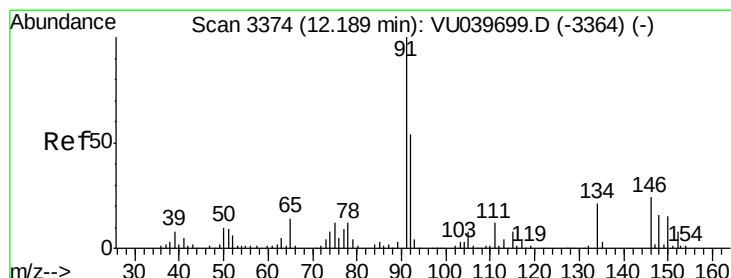
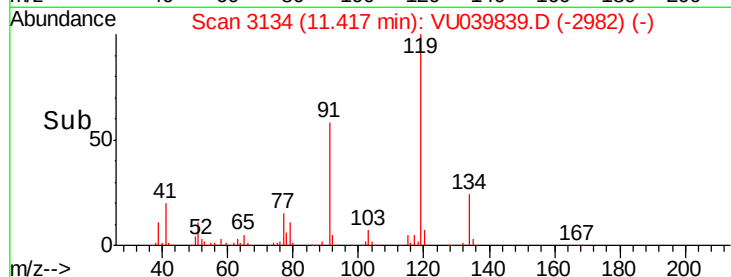
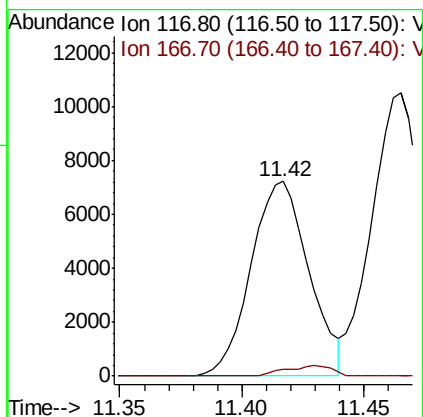
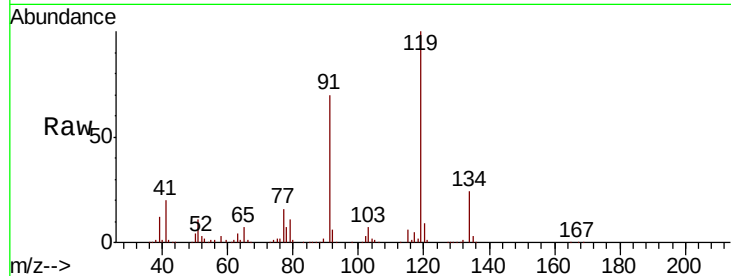




#61
 Pentachloroethane
 Concen: 2.205 ug/l
 RT: 11.42 min Scan# 3134
 Delta R.T. -0.01 min
 Lab File: VU039839.D
 Acq: 12 Aug 2020 11:44

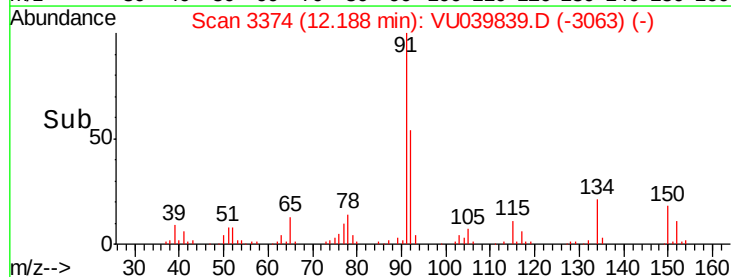
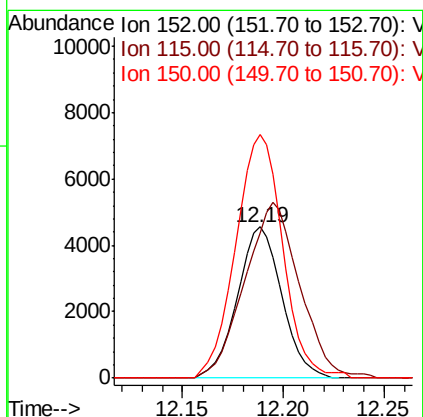
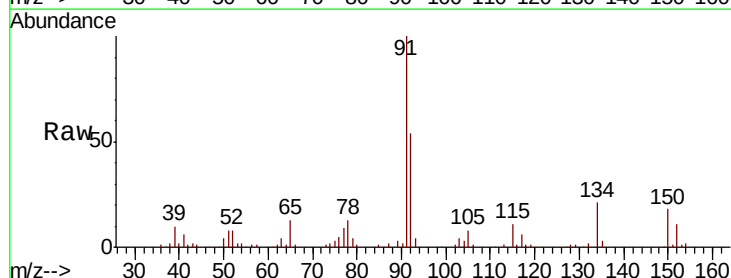
Instrument :
 MSVOA_U
 ClientSampled :

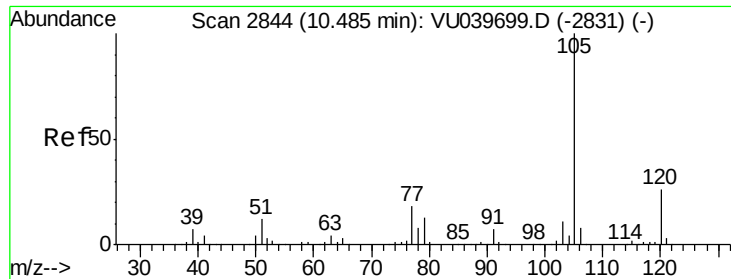
Tot Ion:117 Resp: 11895
 Ion Ratio Lower Upper
 117 100
 167 4.4 56.6 85.0#



#68
 1,2-Dichlorobenzene-d4
 Concen: 0.780 ug/l
 RT: 12.19 min Scan# 3374
 Delta R.T. -0.00 min
 Lab File: VU039839.D
 Acq: 12 Aug 2020 11:44

Tgt Ion:152 Resp: 7056
 Ion Ratio Lower Upper
 152 100
 115 142.5 0.0 302.4
 150 169.7 0.0 645.8





#69

Isopropylbenzene

Concen: 7.928 ug/l

RT: 10.48 min Scan# 2844

Delta R.T. -0.00 min

Lab File: VU039839.D

Acq: 12 Aug 2020 11:44

Instrument :

MSVOA_U

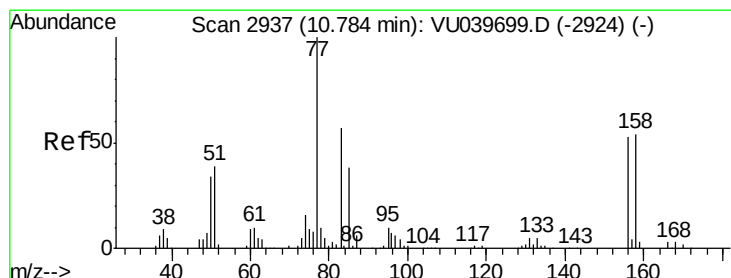
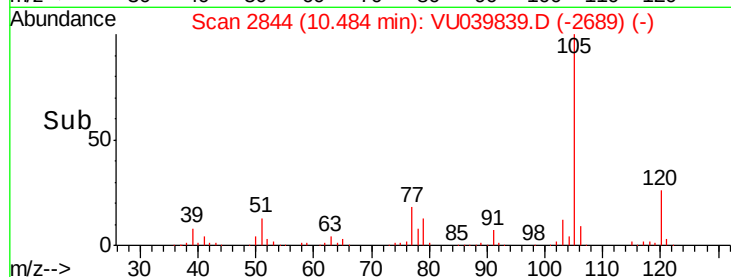
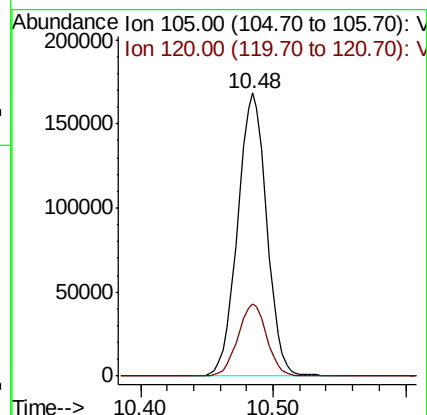
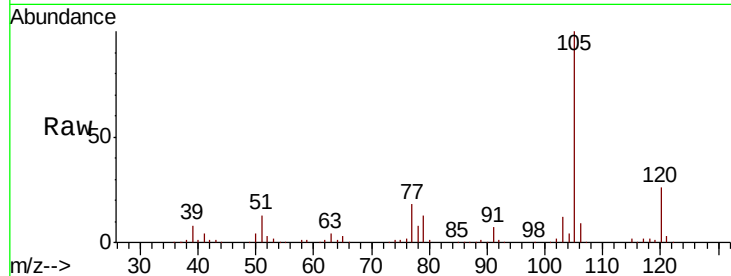
ClientSampleId :

Tot Ion:105 Resp: 256355

Ion Ratio Lower Upper

105 100

120 25.3 12.8 38.4



#70

1,1,2,2-Tetrachloroethane

Concen: 14.484 ug/l

RT: 10.78 min Scan# 2937

Delta R.T. -0.00 min

Lab File: VU039839.D

Acq: 12 Aug 2020 11:44

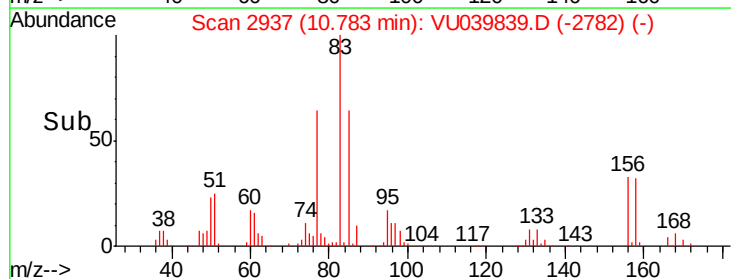
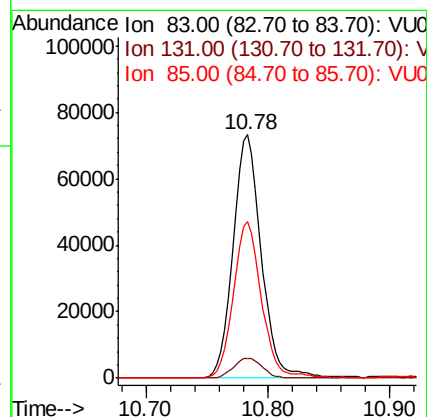
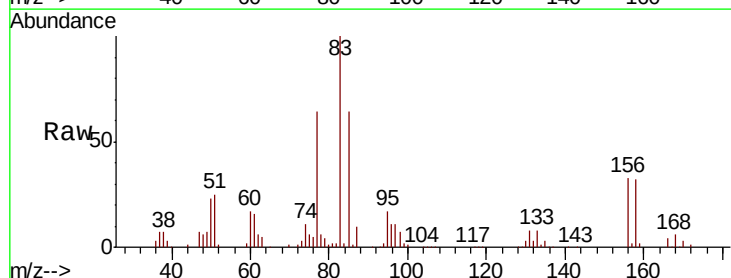
Tgt Ion: 83 Resp: 118870

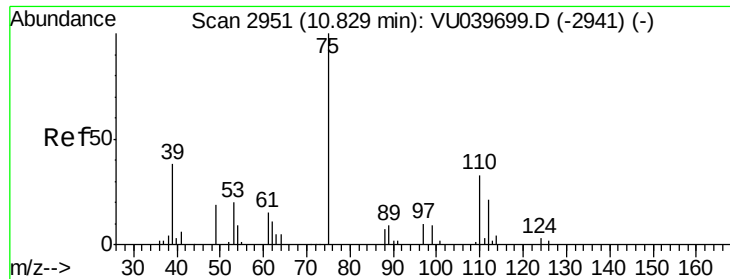
Ion Ratio Lower Upper

83 100

131 8.2 7.0 10.6

85 63.7 50.6 75.8





#71

1,2,3-Trichloropropane

Concen: 13.999 ug/l

RT: 10.82 min Scan# 2949

Delta R.T. -0.01 min

Lab File: VU039839.D

Acq: 12 Aug 2020 11:44

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 86554

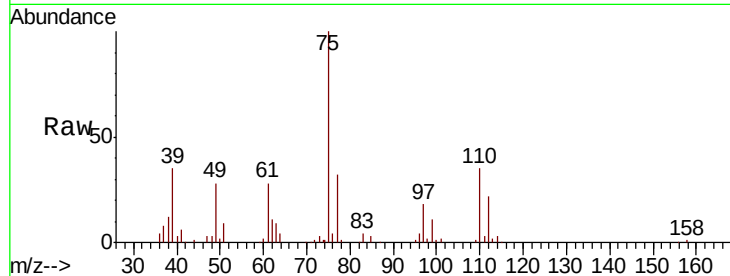
Ion Ratio Lower Upper

75 100

77 30.1 0.0 91.0

110 34.4 0.0 64.2

97 18.0 0.0 32.6

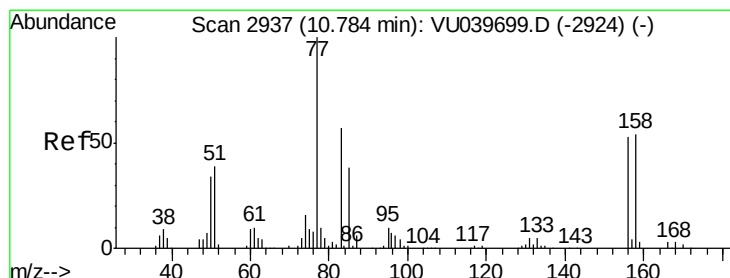
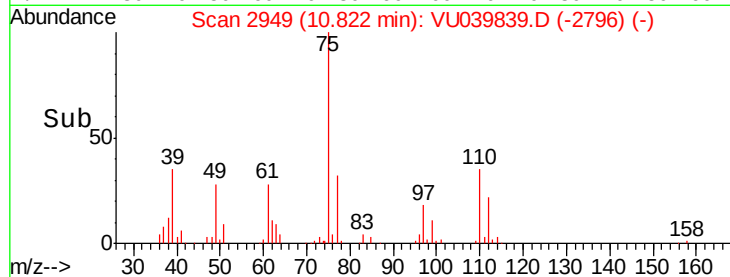
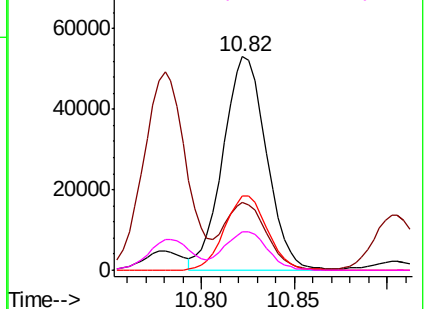


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

Ion 110.00 (109.70 to 110.70): V

Ion 97.00 (96.70 to 97.70): VU0



#72

Bromobenzene

Concen: 5.354 ug/l

RT: 10.78 min Scan# 2936

Delta R.T. -0.00 min

Lab File: VU039839.D

Acq: 12 Aug 2020 11:44

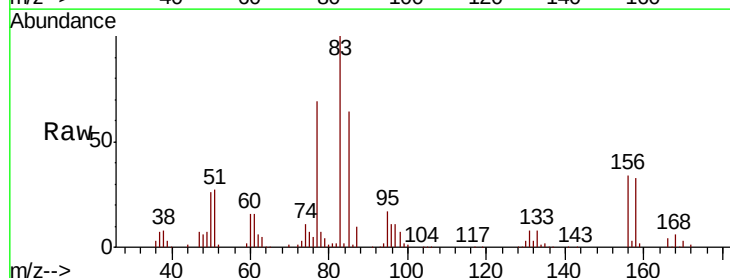
Tgt Ion: 156 Resp: 39321

Ion Ratio Lower Upper

156 100

77 202.5 0.0 385.2

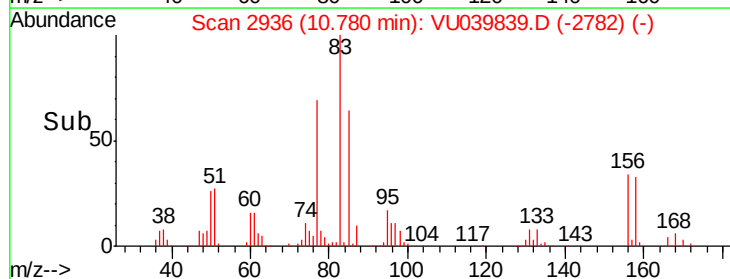
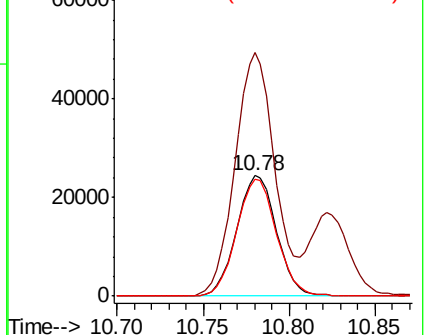
158 98.0 0.0 200.8

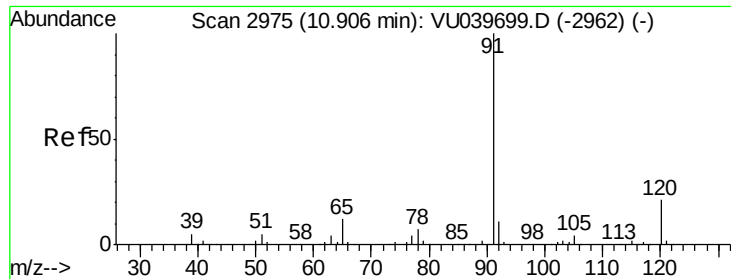


Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 158.00 (157.70 to 158.70): V





#73

n-propylbenzene

Concen: 10.959 ug/l

RT: 10.91 min Scan# 2975

Delta R.T. -0.00 min

Lab File: VU039839.D

Acq: 12 Aug 2020 11:44

Instrument :

MSVOA_U

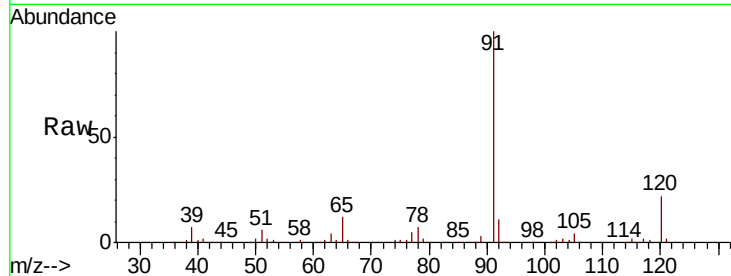
ClientSampleId :

Tot Ion:120 Resp: 99631

Ion Ratio Lower Upper

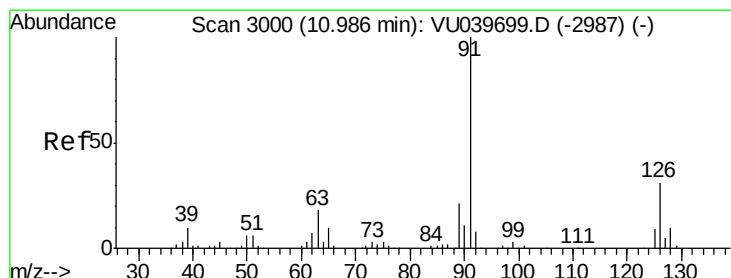
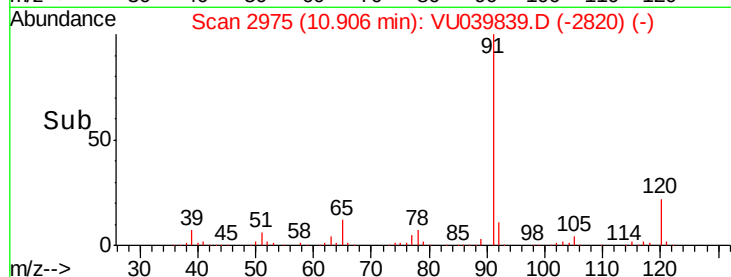
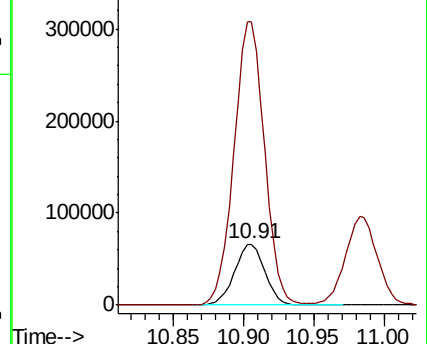
120 100

91 468.4 371.7 557.5



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 6.189 ug/l

RT: 10.99 min Scan# 3000

Delta R.T. -0.00 min

Lab File: VU039839.D

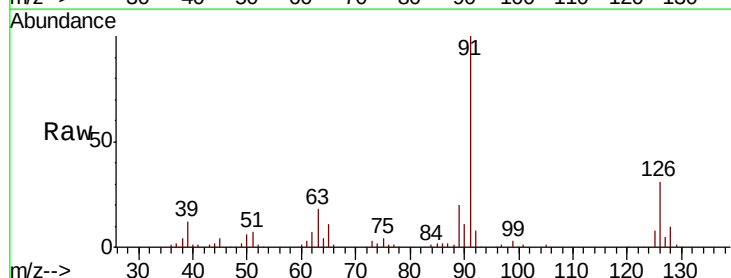
Acq: 12 Aug 2020 11:44

Tgt Ion:126 Resp: 47536

Ion Ratio Lower Upper

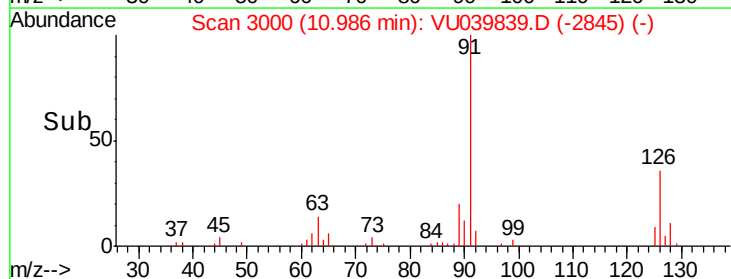
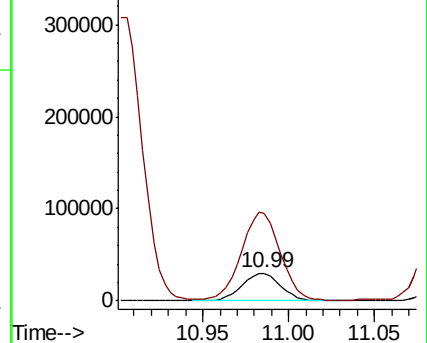
126 100

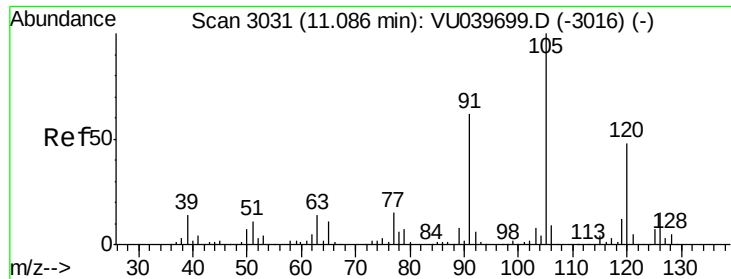
91 314.6 0.0 637.0



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

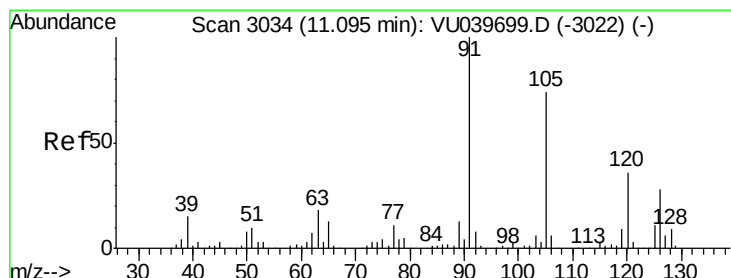
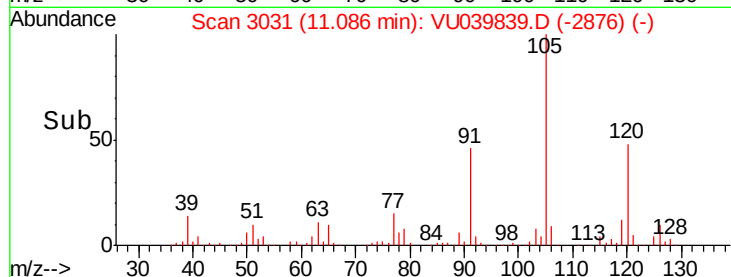
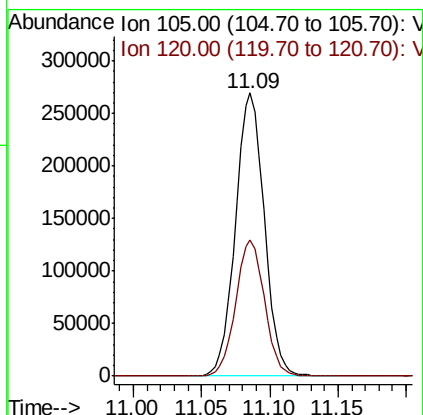
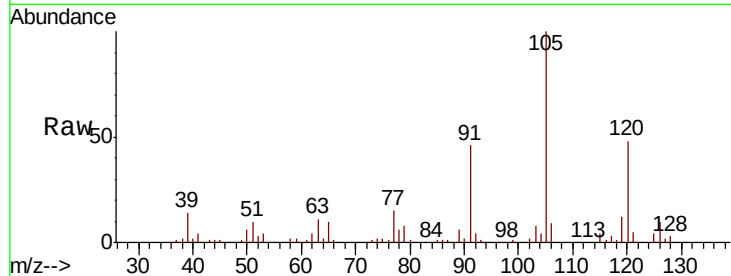




#75
 1,3,5-Trimethylbenzene
 Concen: 14.146 ug/l
 RT: 11.09 min Scan# 3031
 Delta R.T. -0.00 min
 Lab File: VU039839.D
 Acq: 12 Aug 2020 11:44

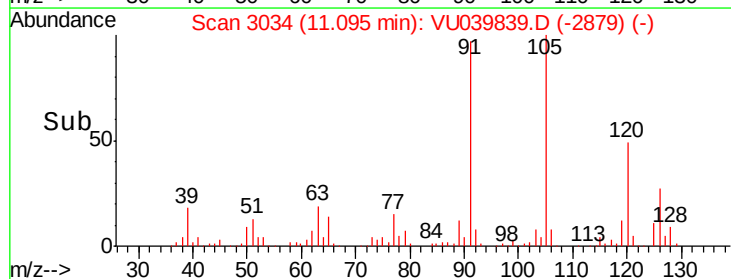
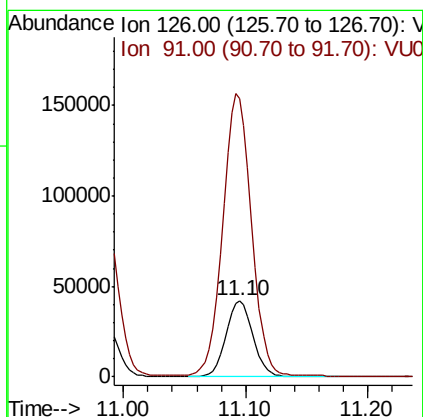
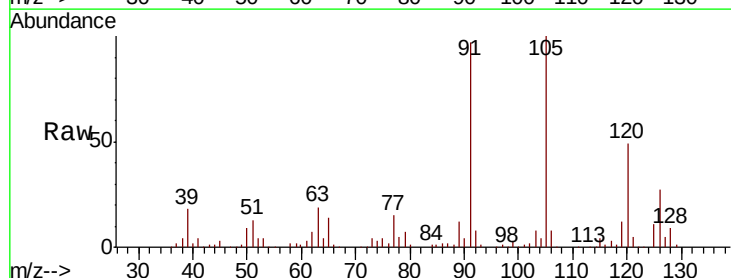
Instrument :
 MSVOA_U
 ClientSampled :

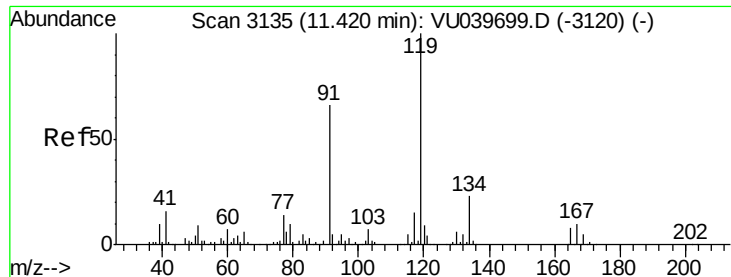
Tot Ion:105 Resp: 395421
 Ion Ratio Lower Upper
 105 100
 120 48.0 38.0 57.0



#76
 4-Chlorotoluene
 Concen: 8.255 ug/l
 RT: 11.10 min Scan# 3034
 Delta R.T. -0.00 min
 Lab File: VU039839.D
 Acq: 12 Aug 2020 11:44

Tgt Ion:126 Resp: 65665
 Ion Ratio Lower Upper
 126 100
 91 392.2 0.0 732.2





#77

tert-Butylbenzene

Concen: 8.089 ug/l

RT: 11.42 min Scan# 3134

Delta R.T. -0.00 min

Lab File: VU039839.D

Acq: 12 Aug 2020 11:44

Instrument :

MSVOA_U

ClientSampled :

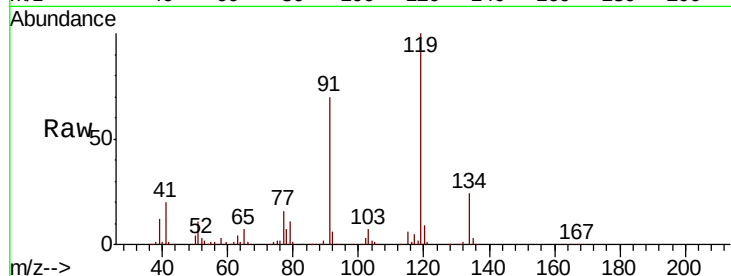
Tot Ion:119 Resp: 216931

Ion Ratio Lower Upper

119 100

91 71.5 31.9 95.5

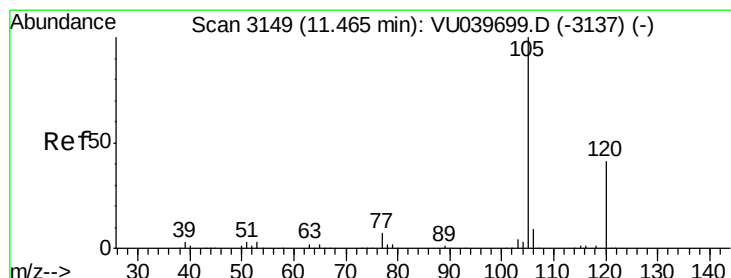
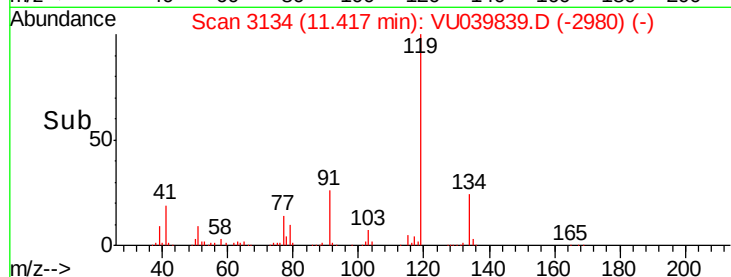
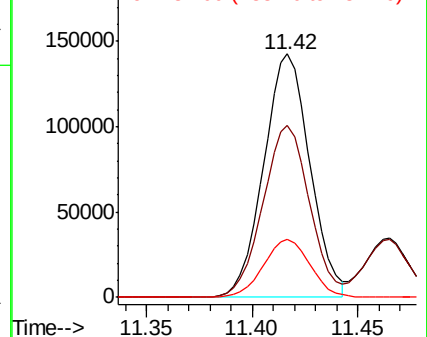
134 24.1 18.2 27.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VU0

Ion 134.00 (133.70 to 134.70): V



#78

1,2,4-Trimethylbenzene

Concen: 14.889 ug/l

RT: 11.47 min Scan# 3149

Delta R.T. -0.00 min

Lab File: VU039839.D

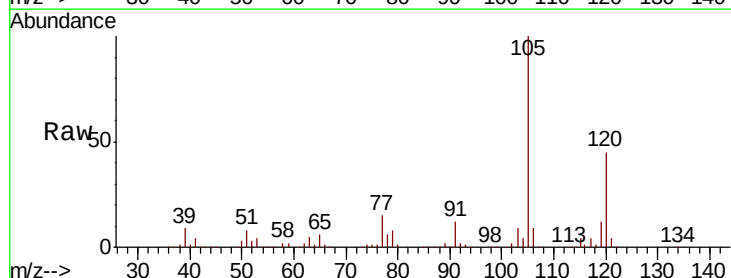
Acq: 12 Aug 2020 11:44

Tgt Ion:105 Resp: 426851

Ion Ratio Lower Upper

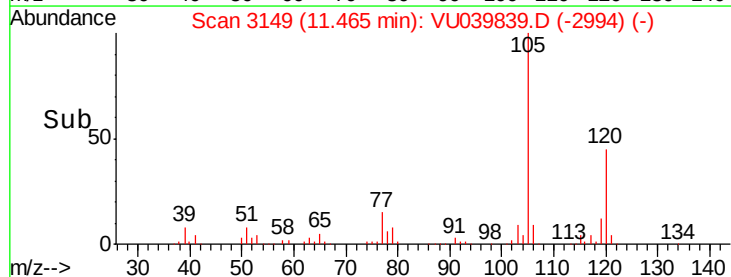
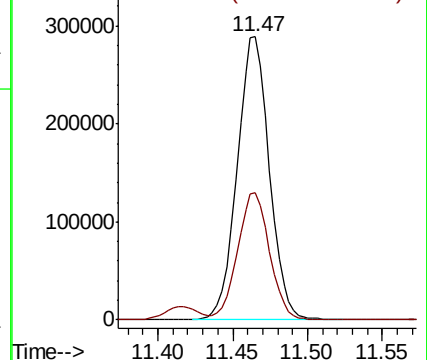
105 100

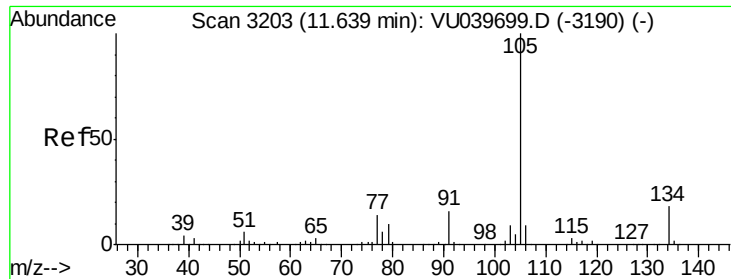
120 45.1 22.7 68.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#79

sec-Butylbenzene

Concen: 7.117 ug/l

RT: 11.64 min Scan# 3203

Delta R.T. -0.00 min

Lab File: VU039839.D

Acq: 12 Aug 2020 11:44

Instrument :

MSVOA_U

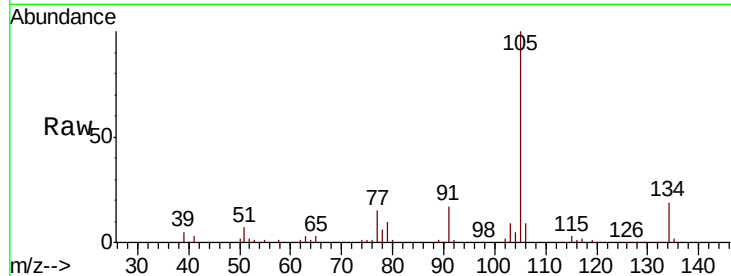
ClientSampleId :

Tot Ion:105 Resp: 271648

Ion Ratio Lower Upper

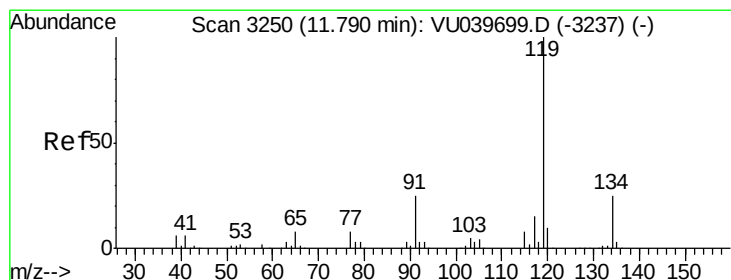
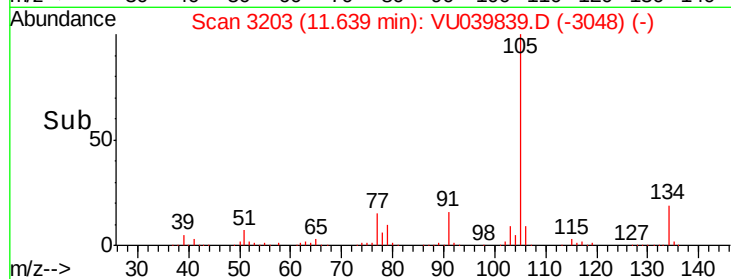
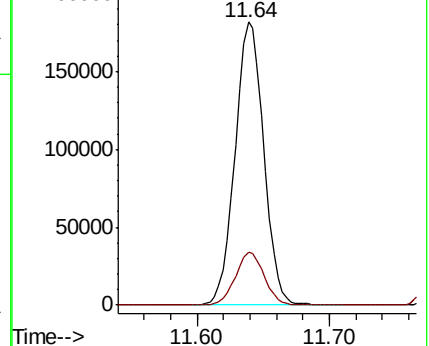
105 100

134 18.7 14.8 22.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#81

p-Isopropyltoluene

Concen: 14.066 ug/l

RT: 11.79 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VU039839.D

Acq: 12 Aug 2020 11:44

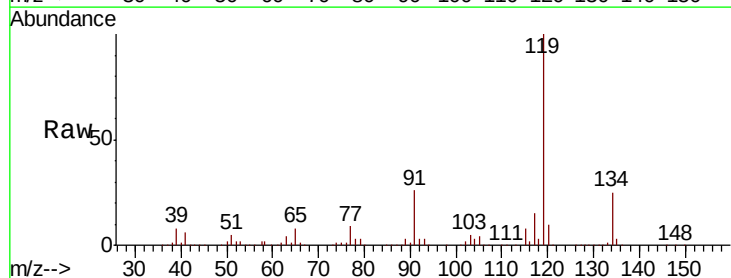
Tgt Ion:119 Resp: 432683

Ion Ratio Lower Upper

119 100

134 24.8 20.2 30.4

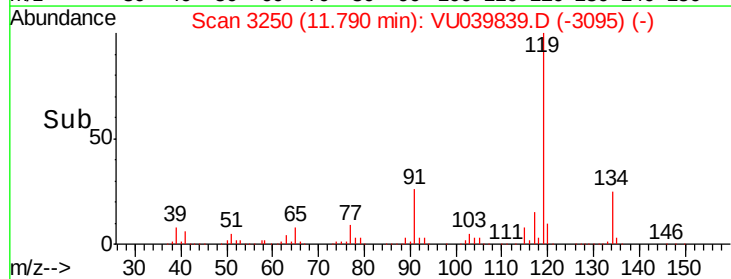
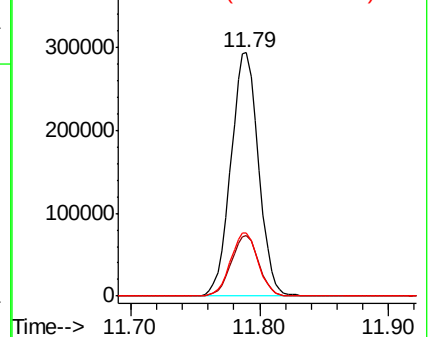
91 25.8 20.7 31.1

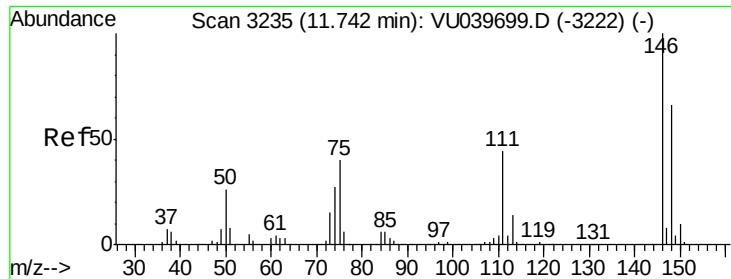


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0

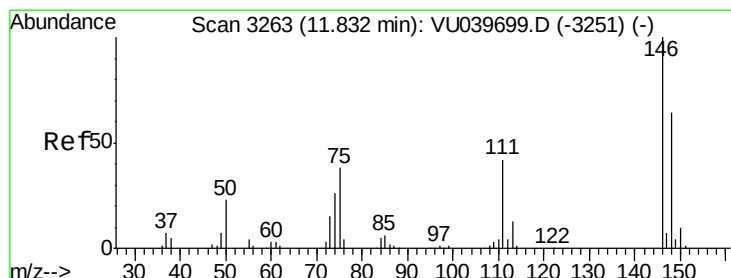
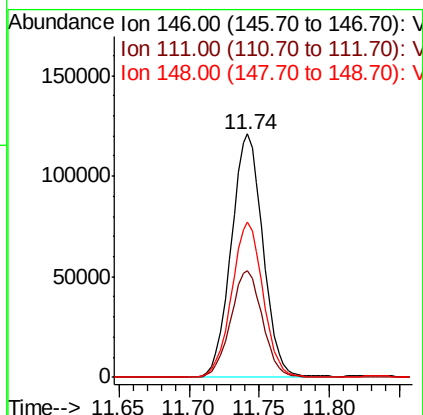
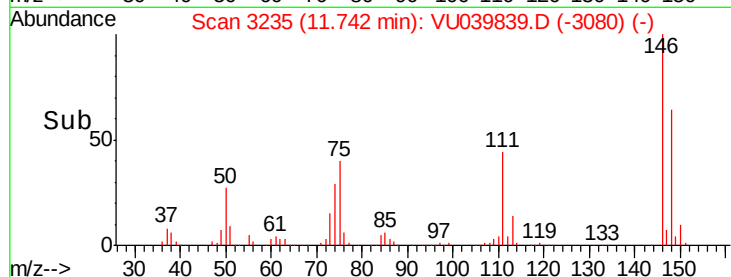
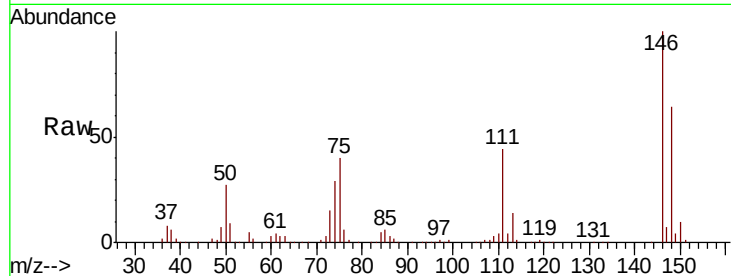




#82
 1,3-Dichlorobenzene
 Concen: 12.081 ug/l
 RT: 11.74 min Scan# 3235
 Delta R.T. -0.00 min
 Lab File: VU039839.D
 Acq: 12 Aug 2020 11:44

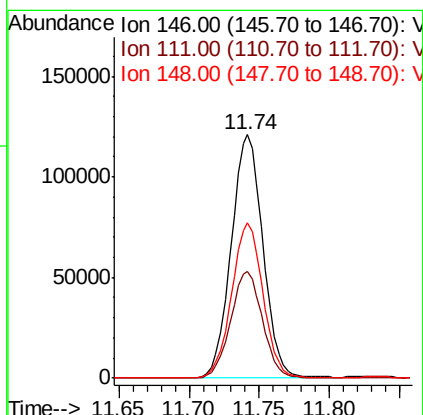
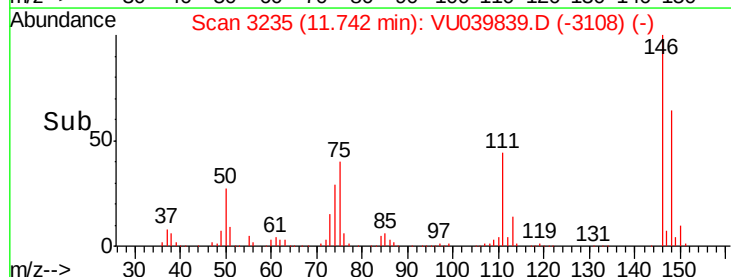
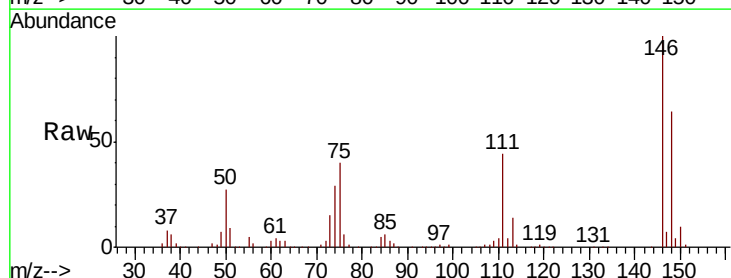
Instrument :
 MSVOA_U
 ClientSampleId :

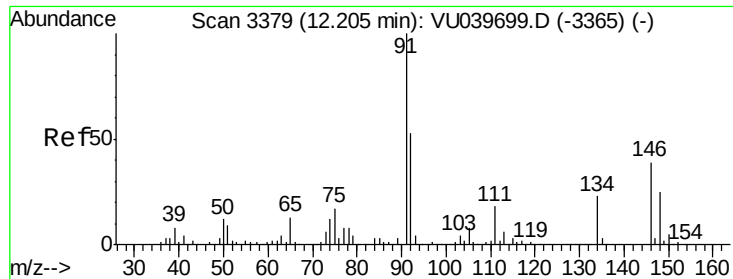
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.9	34.5	51.7
148	62.9	51.4	77.0



#83
 1,4-Dichlorobenzene
 Concen: 12.011 ug/l
 RT: 11.74 min Scan# 3235
 Delta R.T. -0.09 min
 Lab File: VU039839.D
 Acq: 12 Aug 2020 11:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.9	33.8	50.6
148	62.9	51.1	76.7





#84

n-Butylbenzene

Concen: 5.375 ug/l

RT: 12.20 min Scan# 3378

Delta R.T. -0.00 min

Lab File: VU039839.D

Acq: 12 Aug 2020 11:44

Instrument :

MSVOA_U

ClientSampleId :

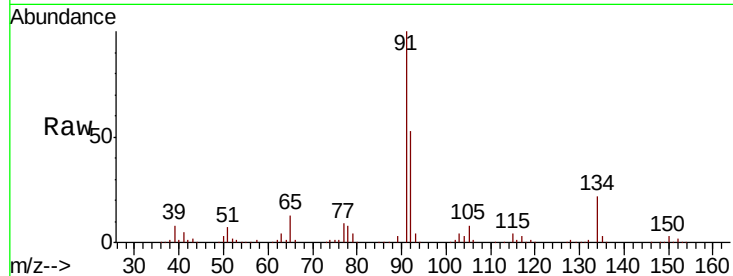
Tot Ion: 91 Resp: 175630

Ion Ratio Lower Upper

91 100

92 53.0 42.6 64.0

134 22.4 18.2 27.4

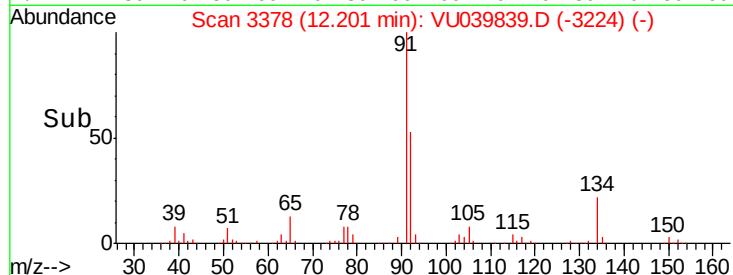


Abundance Ion 91.00 (90.70 to 91.70): VU039699.D (-3365) (-)

Ion 92.00 (91.70 to 92.70): VU039699.D (-3365) (-)

Ion 134.00 (133.70 to 134.70): VU039699.D (-3365) (-)

Time-->

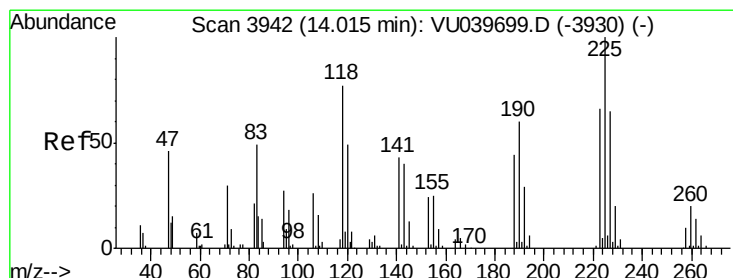


Abundance Ion 91.00 (90.70 to 91.70): VU039839.D (-3224) (-)

Ion 92.00 (91.70 to 92.70): VU039839.D (-3224) (-)

Ion 134.00 (133.70 to 134.70): VU039839.D (-3224) (-)

Time-->



#88

Hexachlorobutadiene

Concen: 11.569 ug/l

RT: 14.01 min Scan# 3941

Delta R.T. -0.00 min

Lab File: VU039839.D

Acq: 12 Aug 2020 11:44

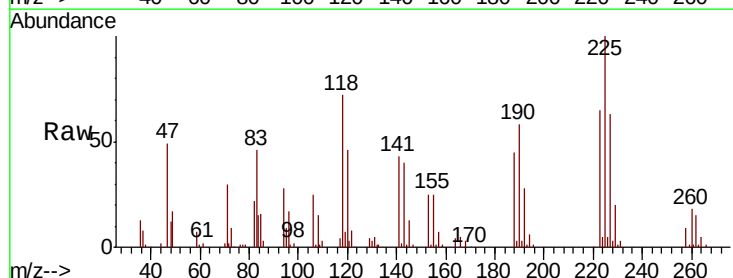
Tgt Ion: 225 Resp: 50058

Ion Ratio Lower Upper

225 100

223 65.2 52.4 78.6

227 63.2 50.7 76.1

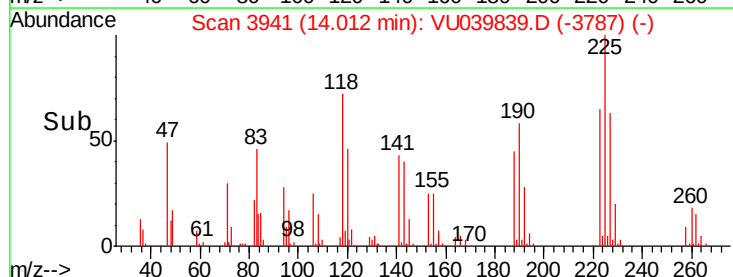


Abundance Ion 224.60 (224.30 to 225.30): VU039699.D (-3930) (-)

Ion 222.60 (222.30 to 223.30): VU039699.D (-3930) (-)

Ion 226.60 (226.30 to 227.30): VU039699.D (-3930) (-)

Time-->

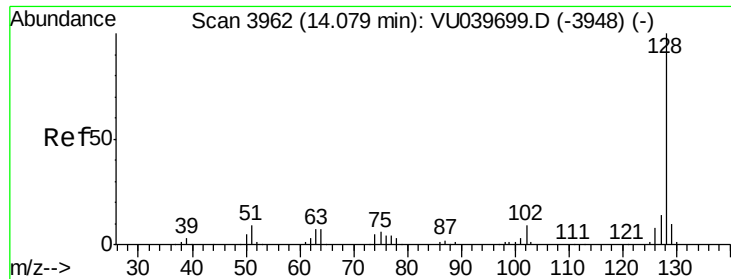


Abundance Ion 224.60 (224.30 to 225.30): VU039839.D (-3787) (-)

Ion 222.60 (222.30 to 223.30): VU039839.D (-3787) (-)

Ion 226.60 (226.30 to 227.30): VU039839.D (-3787) (-)

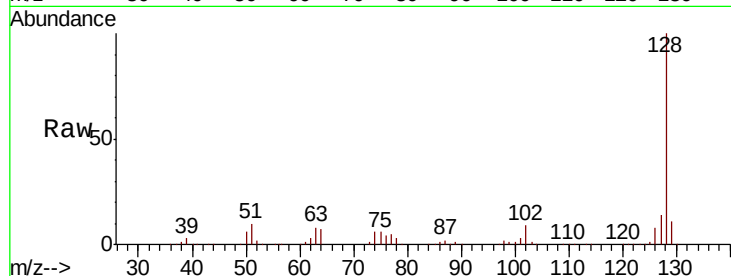
Time-->



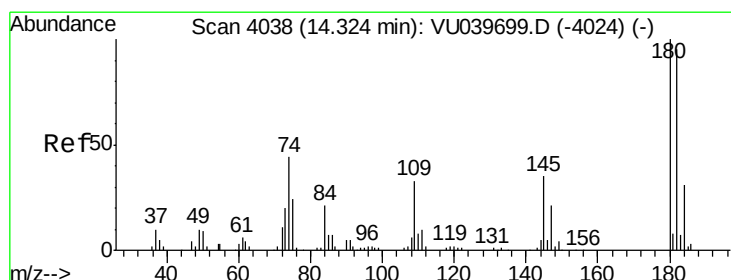
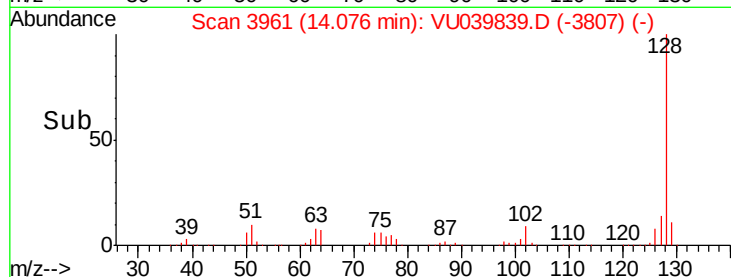
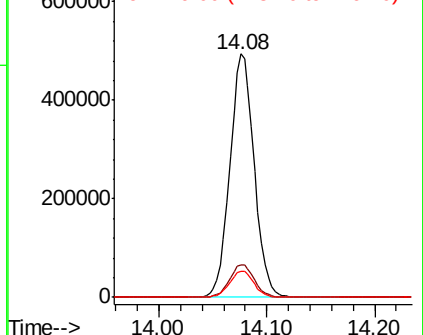
#89
Naphthalene
Concen: 37.987 ug/l
RT: 14.08 min Scan# 3961
Delta R.T. -0.00 min
Lab File: VU039839.D
Acq: 12 Aug 2020 11:44

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:128 Resp: 774431
Ion Ratio Lower Upper
128 100
127 13.6 11.0 16.4
129 10.9 8.4 12.6

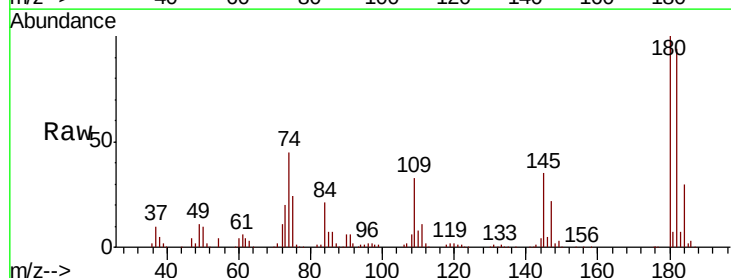


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#90
1,2,3-Trichlorobenzene
Concen: 31.232 ug/l
RT: 14.32 min Scan# 4037
Delta R.T. -0.00 min
Lab File: VU039839.D
Acq: 12 Aug 2020 11:44

Tgt Ion:180 Resp: 280920
Ion Ratio Lower Upper
180 100
182 94.8 76.0 114.0
145 34.6 27.8 41.6



Abundance Ion 179.70 (179.40 to 180.40): V
Ion 181.70 (181.40 to 182.40): V
Ion 144.80 (144.50 to 145.50): V

