

Data File : VU039723.D
Acq On : 30 Jul 2020 15:12
Operator : SY/MD
Sample : L3319-08DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PT-UNRVOA-WSDL

Quant Time: Jul 31 06:18:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072920DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jul 30 13:49:19 2020
Response via : Initial Calibration

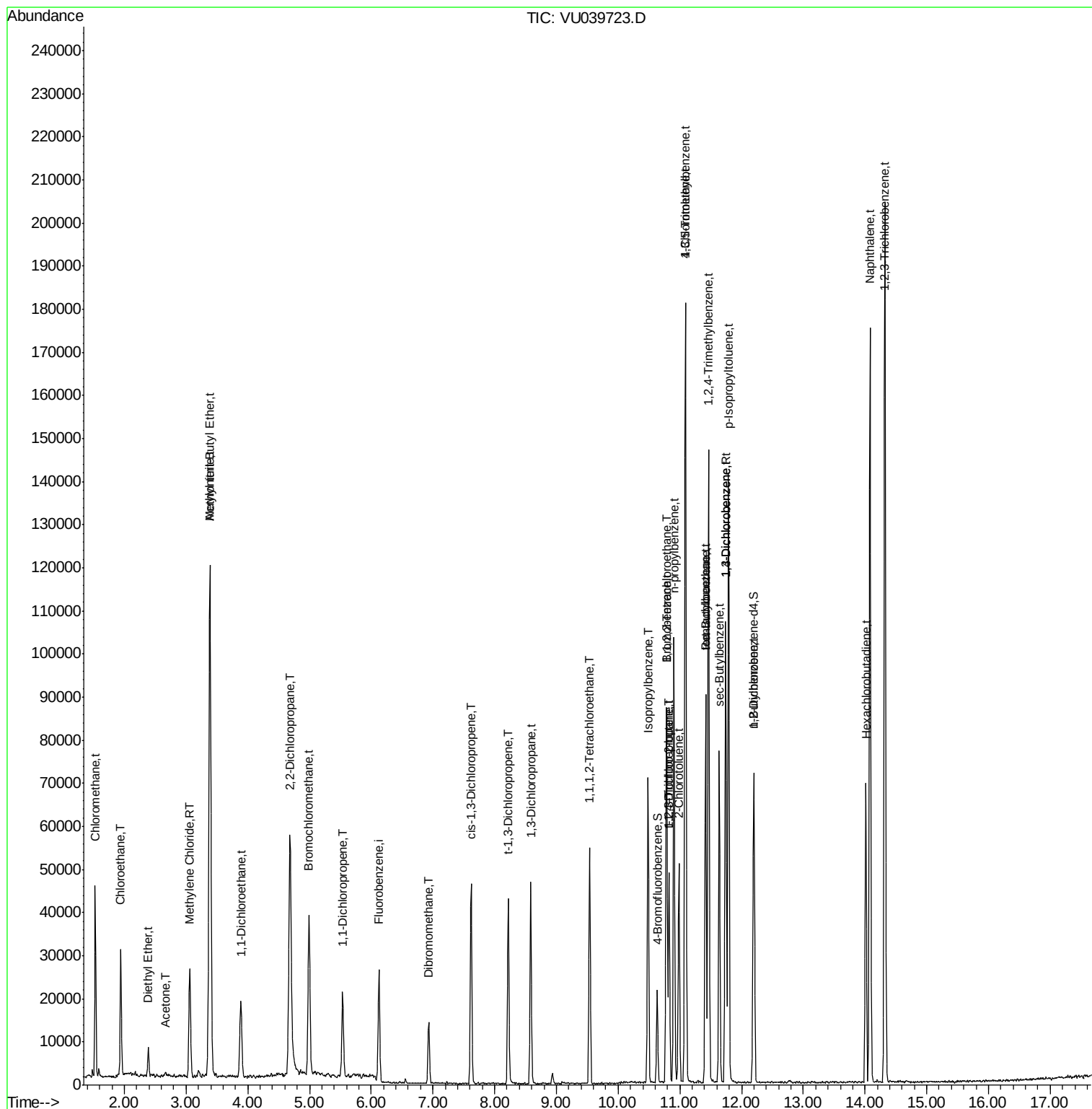
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	6.13	96	21966	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.63	95	6671	0.78	ug/l	0.00
Spiked Amount 1.000			Recovery	=	78.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	7560	0.90	ug/l	0.00
Spiked Amount 1.000			Recovery	=	90.00%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.53	50	34433	3.631	ug/l	98
6) Chloroethane	1.94	64	19137	3.156	ug/l	98
12) Acrylonitrile	3.39	53	1738	0.811	ug/l #	18
13) Acetone	2.66	43	1170	0.580	ug/l #	82
15) Methylene Chloride	3.06	84	9910	1.165	ug/l	97
17) 1,1-Dichloroethane	3.89	63	20200	1.326	ug/l	99
21) 2,2-Dichloropropane	4.68	77	34122	2.745	ug/l	95
23) Diethyl Ether	2.39	59	2890	0.463	ug/l	93
24) tert-Butyl Alcohol	3.20	59	983	Below Cal	#	74
25) Methyl tert-Butyl Ether	3.39	73	122719	6.162	ug/l	100
26) Bromochloromethane	4.99	128	8712	2.847	ug/l	98
29) 1,1-Dichloropropene	5.54	75	8916	0.802	ug/l	97
43) Dibromomethane	6.93	93	5941	1.457	ug/l	99
46) t-1,4-Dichloro-2-butene	10.83	75	18768	10.219	ug/l #	15
50) t-1,3-Dichloropropene	8.22	75	21043	2.500	ug/l	97
51) cis-1,3-Dichloropropene	7.62	75	23221	2.347	ug/l	97
53) 1,3-Dichloropropane	8.58	76	23371	2.298	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.54	131	12775	2.240	ug/l	95
61) Pentachloroethane	11.42	117	2498	0.498	ug/l #	14
69) Isopropylbenzene	10.48	105	40615	1.352	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.78	83	26195	3.436	ug/l	99
71) 1,2,3-Trichloropropane	10.83	75	18768	3.268	ug/l	91
72) Bromobenzene	10.78	156	7225	1.059	ug/l	97
73) n-propylbenzene	10.91	120	15500	1.835	ug/l	94
74) 2-Chlorotoluene	10.99	126	7864	1.102	ug/l	86
75) 1,3,5-Trimethylbenzene	11.09	105	65558	2.525	ug/l	100
76) 4-Chlorotoluene	11.10	126	12096	1.637	ug/l	100
77) tert-Butylbenzene	11.42	119	37820	1.518	ug/l	92
78) 1,2,4-Trimethylbenzene	11.47	105	75013	2.817	ug/l	99
79) sec-Butylbenzene	11.64	105	48395	1.365	ug/l	99
81) p-Isopropyltoluene	11.79	119	74172	2.596	ug/l	99
82) 1,3-Dichlorobenzene	11.74	146	37796	2.574	ug/l	99
83) 1,4-Dichlorobenzene	11.74	146	37796	2.559	ug/l	99
84) n-Butylbenzene	12.20	91	30955	1.020	ug/l	95
88) Hexachlorobutadiene	14.01	225	9361	2.329	ug/l	99
89) Naphthalene	14.08	128	129822	6.855	ug/l	99
90) 1,2,3-Trichlorobenzene	14.32	180	51618	6.178	ug/l	99
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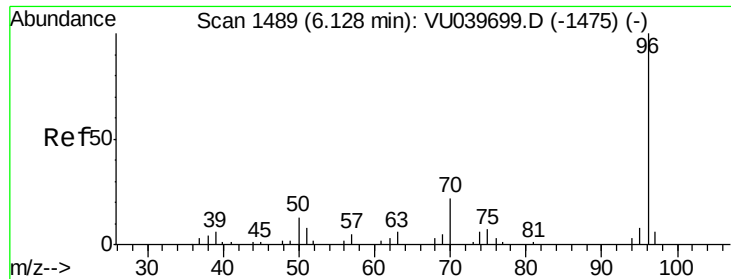
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.13 min Scan# 1489

Delta R.T. -0.00 min

Lab File: VU039723.D

Acq: 30 Jul 2020 15:12

Instrument :

MSVOA_U

ClientSampleId :

PT-UNRVOA-WSDL

Tgt Ion: 96 Resp: 21966

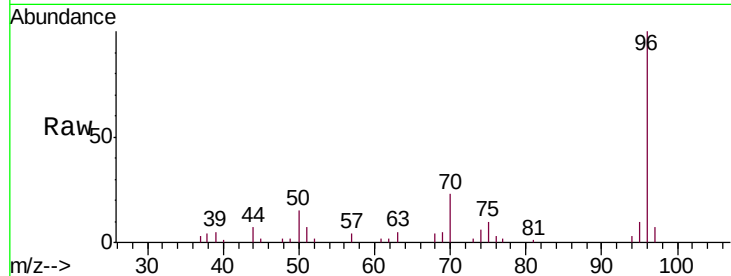
Ion Ratio Lower Upper

96 100

70 22.0 16.3 24.5

95 9.7 6.8 10.2

97 6.4 0.0 0.0#

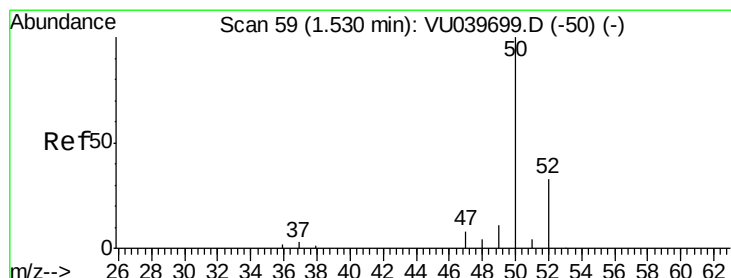
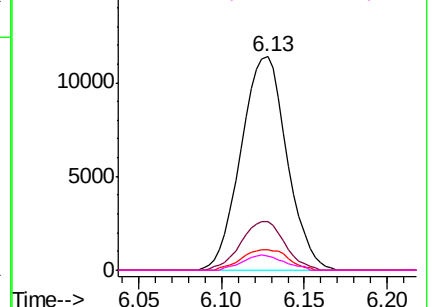
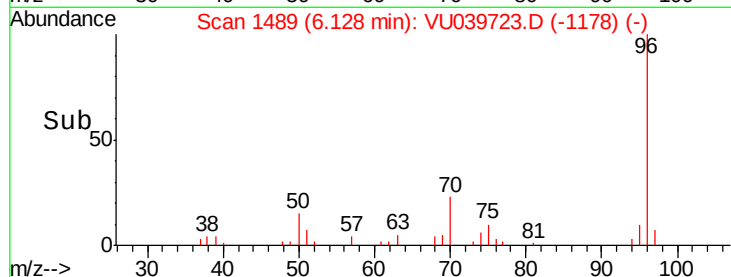


Abundance Ion 96.00 (95.70 to 96.70): VU039699.D (-1475) (-)

Ion 70.00 (69.70 to 70.70): VU039699.D (-1475) (-)

Ion 95.00 (94.70 to 95.70): VU039699.D (-1475) (-)

Ion 97.00 (96.70 to 97.70): VU039699.D (-1475) (-)



#3

Chloromethane

Concen: 3.631 ug/l

RT: 1.53 min Scan# 59

Delta R.T. -0.00 min

Lab File: VU039723.D

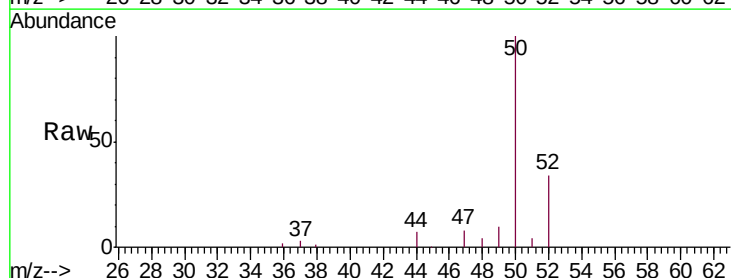
Acq: 30 Jul 2020 15:12

Tgt Ion: 50 Resp: 34433

Ion Ratio Lower Upper

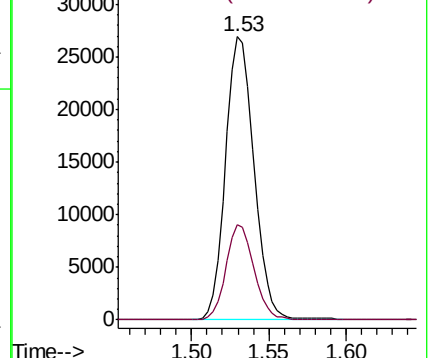
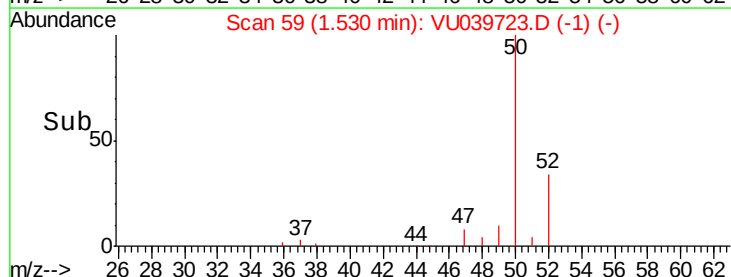
50 100

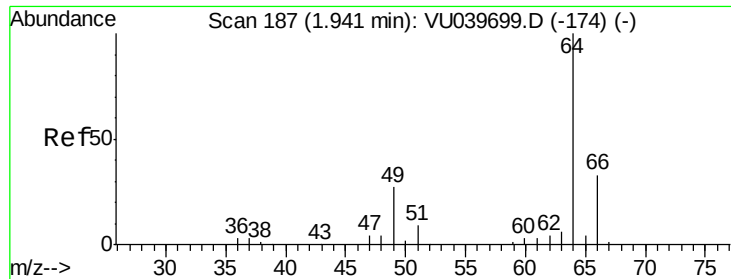
52 33.6 26.0 39.0



Abundance Ion 50.00 (49.70 to 50.70): VU039699.D (-50) (-)

Ion 52.00 (51.70 to 52.70): VU039699.D (-50) (-)





#6

Chloroethane

Concen: 3.156 ug/l

RT: 1.94 min Scan# 187

Delta R.T. -0.00 min

Lab File: VU039723.D

Acq: 30 Jul 2020 15:12

Instrument :

MSVOA_U

ClientSampleId :

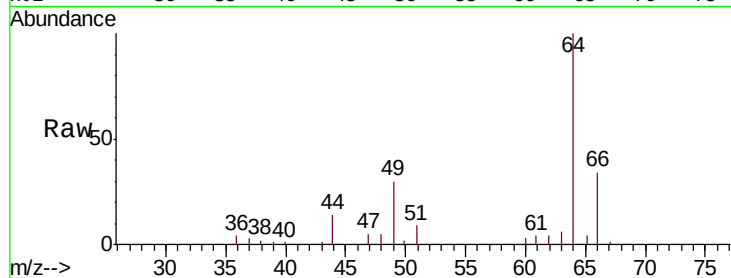
PT-UNRVOA-WSDL

Tgt Ion: 64 Resp: 19137

Ion Ratio Lower Upper

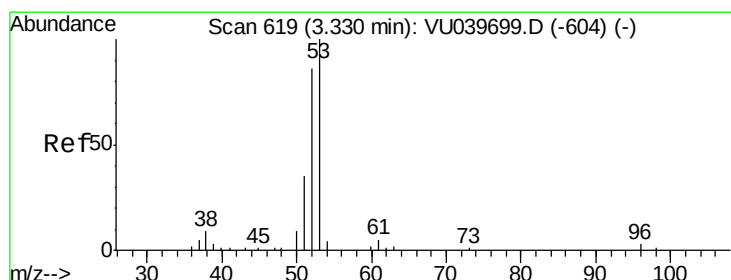
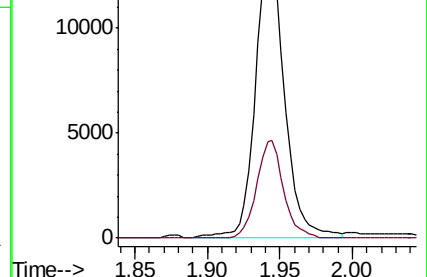
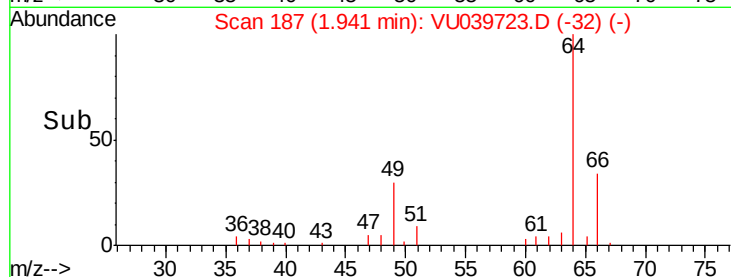
64 100

66 34.1 26.2 39.2



Abundance Ion 64.00 (63.70 to 64.70): VU039723.D (-32) (-)

Ion 66.00 (65.70 to 66.70): VU039723.D (-32) (-)



#12

Acrylonitrile

Concen: 0.811 ug/l

RT: 3.39 min Scan# 636

Delta R.T. 0.05 min

Lab File: VU039723.D

Acq: 30 Jul 2020 15:12

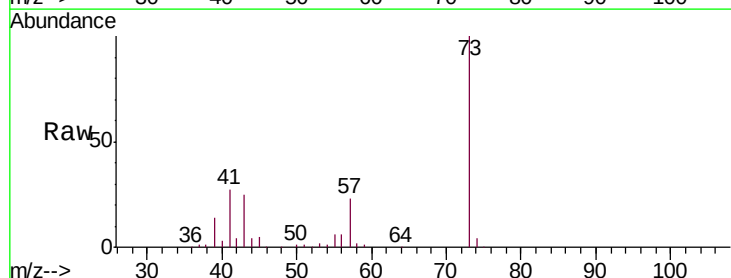
Tgt Ion: 53 Resp: 1738

Ion Ratio Lower Upper

53 100

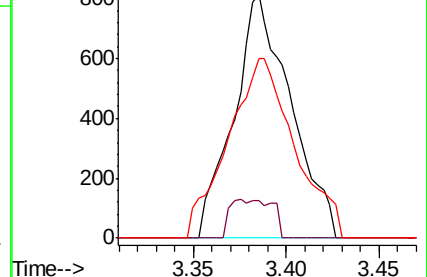
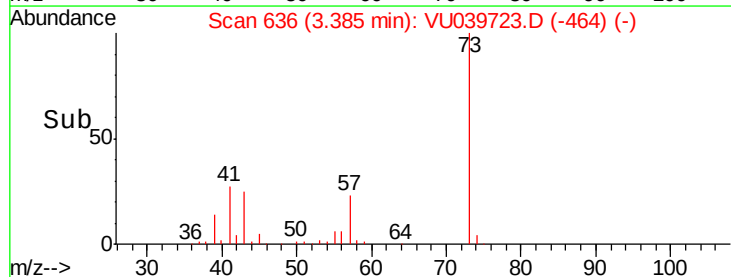
52 11.9 69.1 103.7#

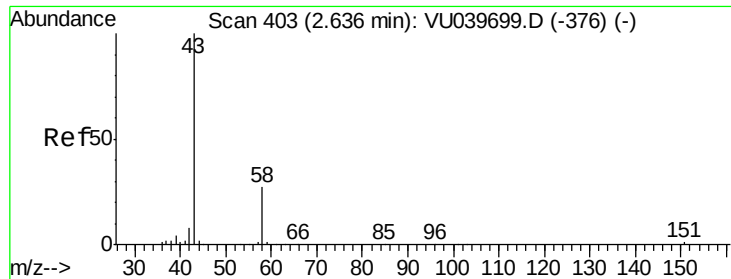
51 86.3 29.4 44.2#



Abundance Ion 53.00 (52.70 to 53.70): VU039723.D (-464) (-)

Ion 52.00 (51.70 to 52.70): VU039723.D (-464) (-)





#13

Acetone

Concen: 0.580 ug/l

RT: 2.66 min Scan# 412

Delta R.T. 0.03 min

Lab File: VU039723.D

Acq: 30 Jul 2020 15:12

Instrument :

MSVOA_U

ClientSampleId :

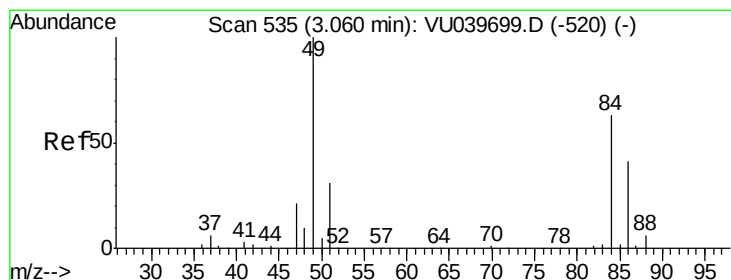
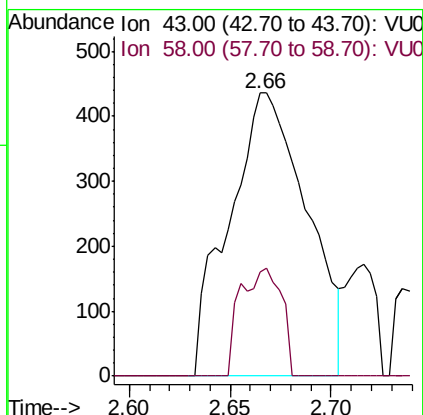
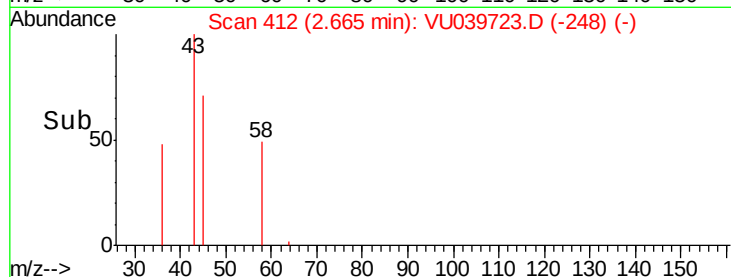
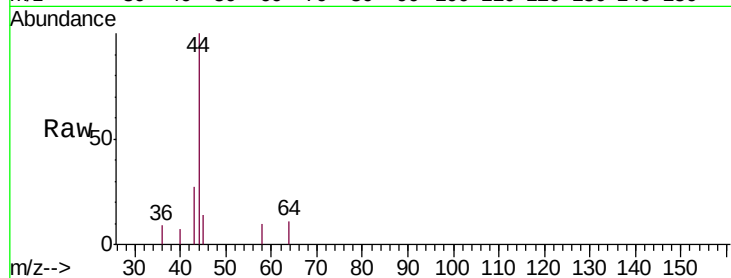
PT-UNRVOA-WSDL

Tgt Ion: 43 Resp: 1170

Ion Ratio Lower Upper

43 100

58 36.7 21.8 32.6#



#15

Methylene Chloride

Concen: 1.165 ug/l

RT: 3.06 min Scan# 535

Delta R.T. -0.00 min

Lab File: VU039723.D

Acq: 30 Jul 2020 15:12

Tgt Ion: 84 Resp: 9910

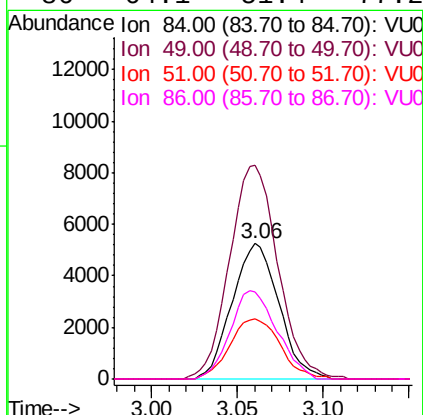
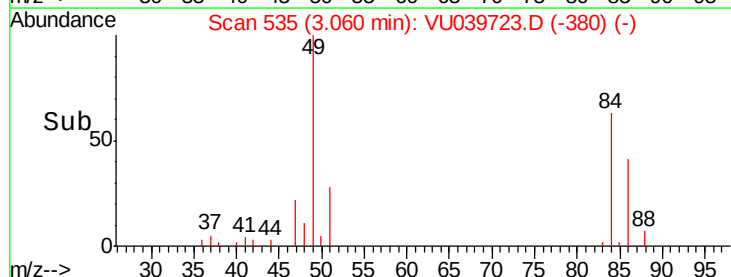
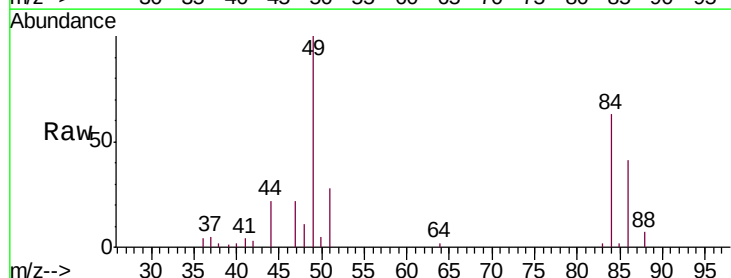
Ion Ratio Lower Upper

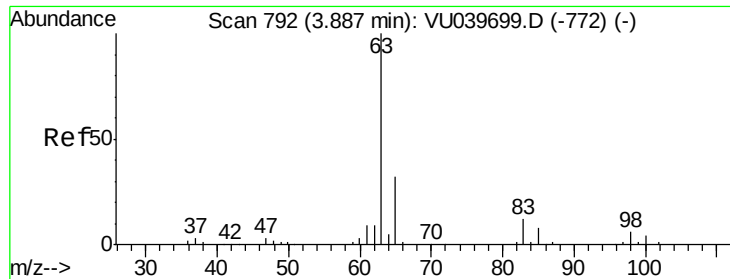
84 100

49 155.5 126.8 190.2

51 44.1 0.0 97.2

86 64.1 51.4 77.2

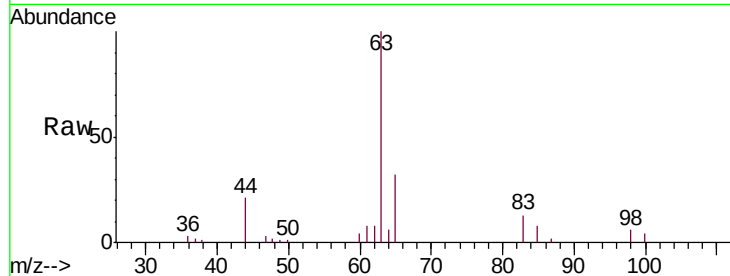




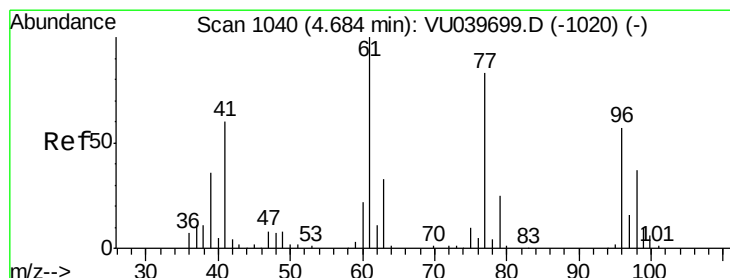
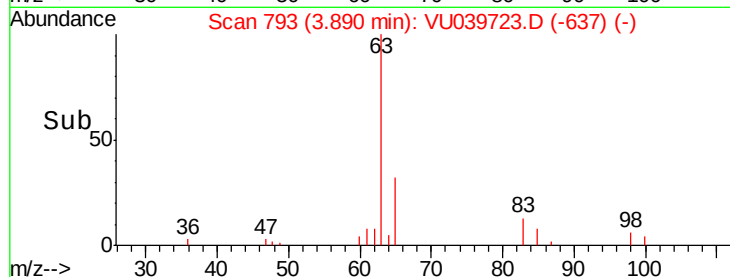
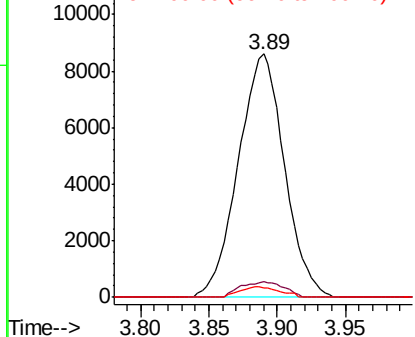
#17
 1,1-Dichloroethane
 Concen: 1.326 ug/l
 RT: 3.89 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: VU039723.D
 Acq: 30 Jul 2020 15:12

Instrument :
 MSVOA_U
 ClientSampleId :
 PT-UNRVOA-WSDL

Tgt Ion: 63 Resp: 20200
 Ion Ratio Lower Upper
 63 100
 98 6.3 2.9 8.7
 100 4.1 2.0 6.0

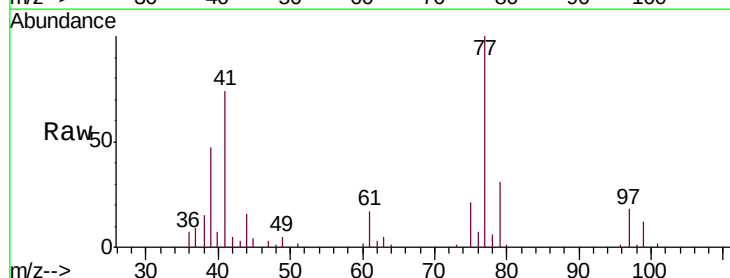


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

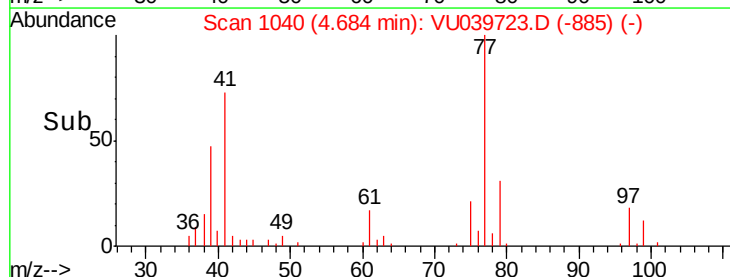
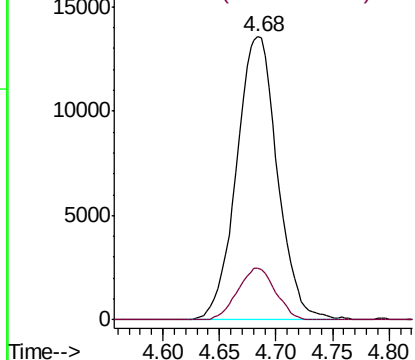


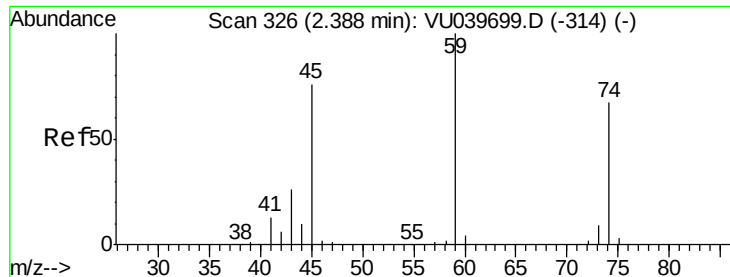
#21
 2,2-Dichloropropane
 Concen: 2.745 ug/l
 RT: 4.68 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: VU039723.D
 Acq: 30 Jul 2020 15:12

Tgt Ion: 77 Resp: 34122
 Ion Ratio Lower Upper
 77 100
 97 16.9 15.2 22.8



Abundance Ion 77.00 (76.70 to 77.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0

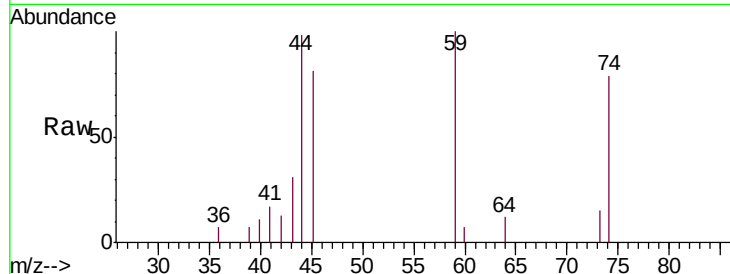




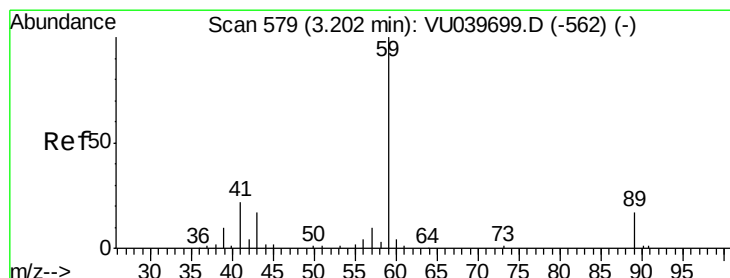
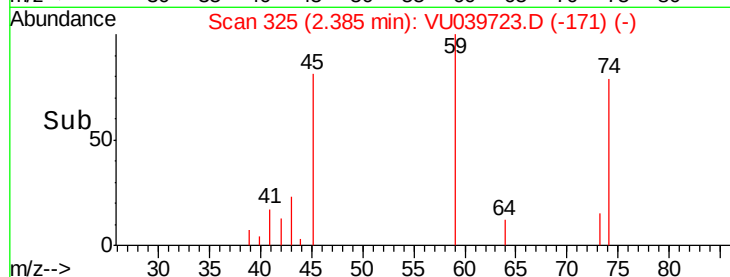
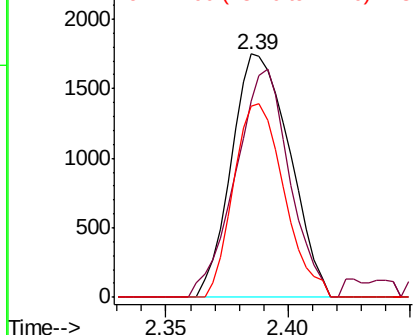
#23
Diethyl Ether
Concen: 0.463 ug/l
RT: 2.39 min Scan# 325
Delta R.T. -0.00 min
Lab File: VU039723.D
Acq: 30 Jul 2020 15:12

Instrument :
MSVOA_U
ClientSampleId :
PT-UNRVOA-WSDL

Tgt Ion: 59 Resp: 2890
Ion Ratio Lower Upper
59 100
45 86.9 61.5 92.3
74 69.2 54.3 81.5

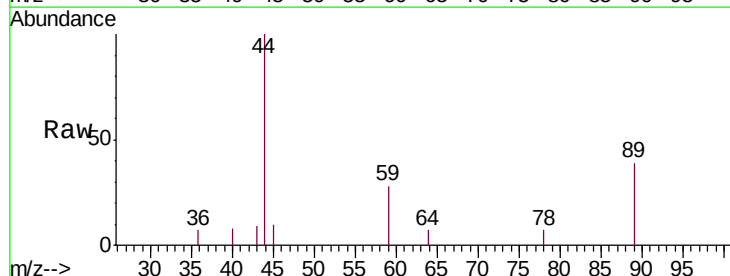


Abundance Ion 59.00 (58.70 to 59.70): VU0
Ion 45.00 (44.70 to 45.70): VU0
Ion 74.00 (73.70 to 74.70): VU0

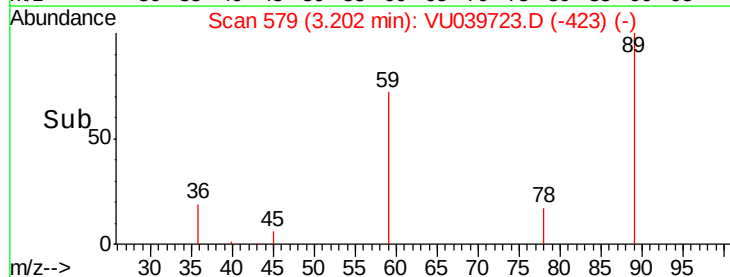
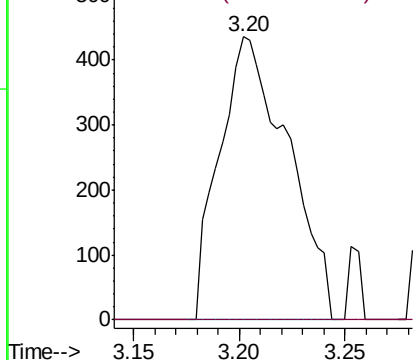


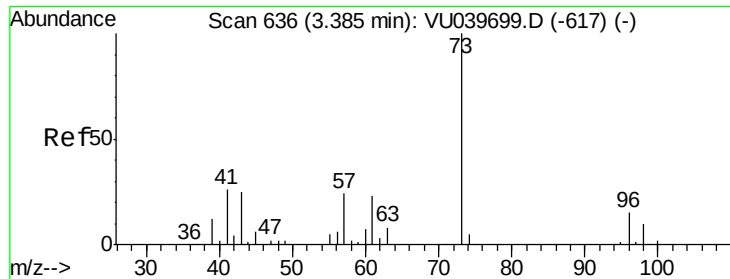
#24
tert-Butyl Alcohol
Concen: Below Cal
RT: 3.20 min Scan# 579
Delta R.T. 0.00 min
Lab File: VU039723.D
Acq: 30 Jul 2020 15:12

Tgt Ion: 59 Resp: 983
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VU0
Ion 57.00 (56.70 to 57.70): VU0





#25

Methyl tert-Butyl Ether

Concen: 6.162 ug/l

RT: 3.39 min Scan# 636

Delta R.T. -0.00 min

Lab File: VU039723.D

Acq: 30 Jul 2020 15:12

Instrument :

MSVOA_U

ClientSampleId :

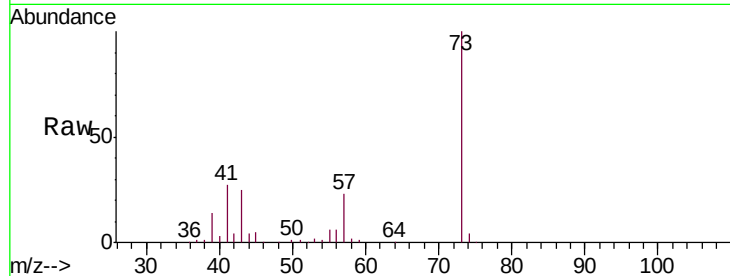
PT-UNRVOA-WSDL

Tgt Ion: 73 Resp: 122719

Ion Ratio Lower Upper

73 100

43 25.3 20.1 30.1



Abundance Ion 73.00 (72.70 to 73.70): VU039699.D (-617) (-)

Ion 43.00 (42.70 to 43.70): VU039699.D (-617) (-)

3.39

60000

50000

40000

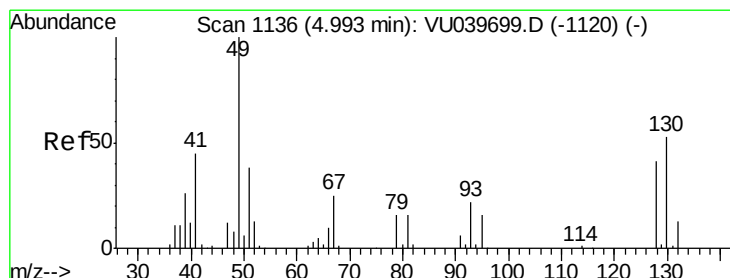
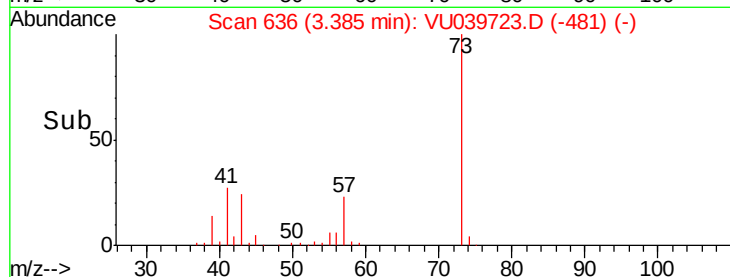
30000

20000

10000

0

Time-->



#26

Bromochloromethane

Concen: 2.847 ug/l

RT: 4.99 min Scan# 1136

Delta R.T. -0.00 min

Lab File: VU039723.D

Acq: 30 Jul 2020 15:12

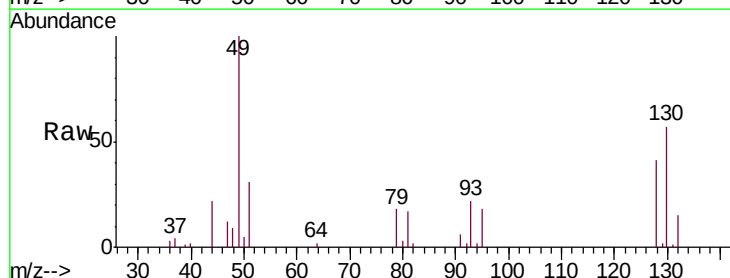
Tgt Ion: 128 Resp: 8712

Ion Ratio Lower Upper

128 100

49 249.9 0.0 503.8

130 132.1 102.7 154.1



Abundance Ion 128.00 (127.70 to 128.70): VU039699.D (-1120) (-)

Ion 49.00 (48.70 to 49.70): VU039699.D (-1120) (-)

Ion 130.00 (129.70 to 130.70): VU039699.D (-1120) (-)

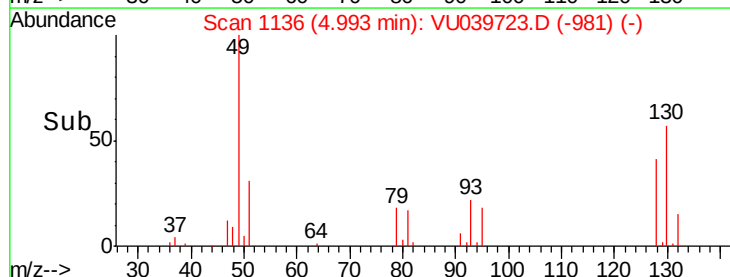
4.99

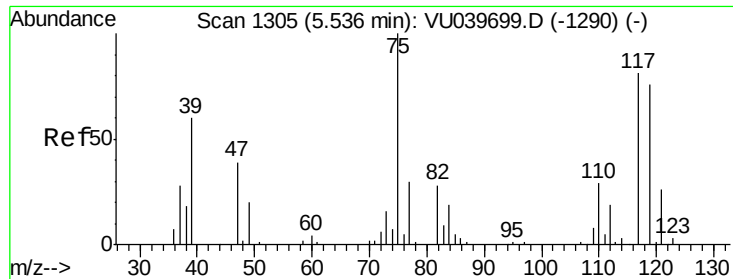
10000

5000

0

Time-->

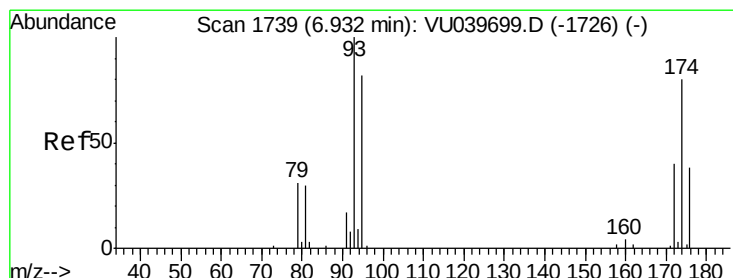
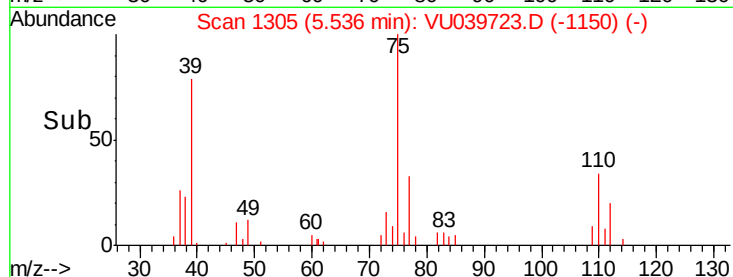
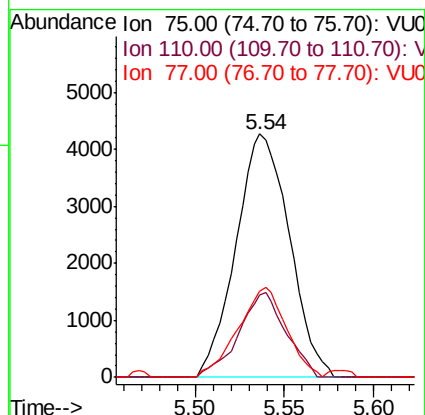
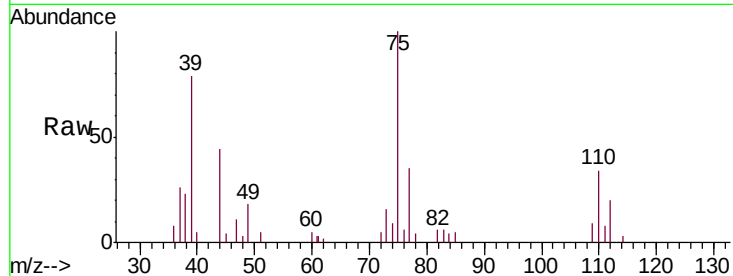




#29
 1,1-Dichloropropene
 Concen: 0.802 ug/l
 RT: 5.54 min Scan# 1305
 Delta R.T. -0.00 min
 Lab File: VU039723.D
 Acq: 30 Jul 2020 15:12

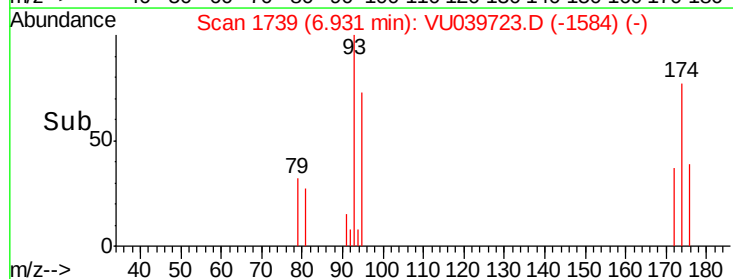
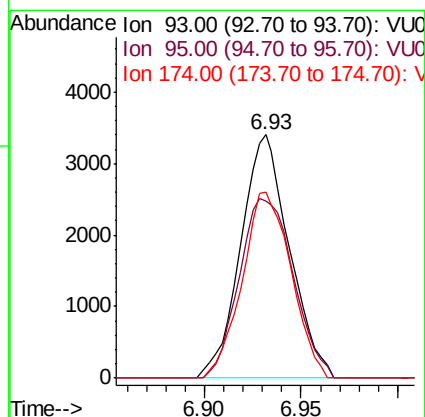
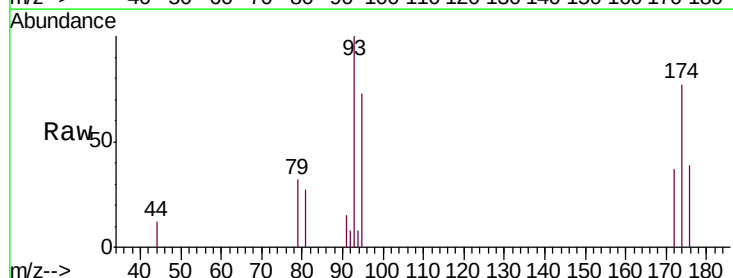
Instrument :
 MSVOA_U
 ClientSampleId :
 PT-UNRVOA-WSDL

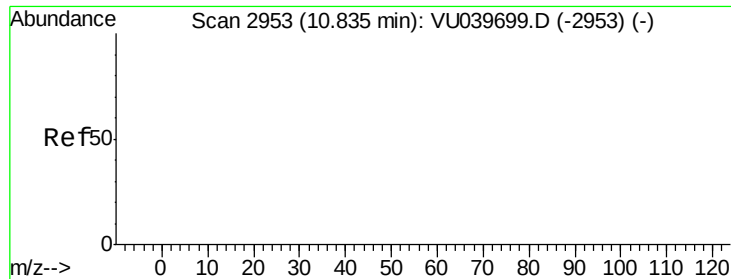
Tgt Ion: 75 Resp: 8916
 Ion Ratio Lower Upper
 75 100
 110 30.7 14.6 44.0
 77 33.4 25.0 37.4



#43
 Dibromomethane
 Concen: 1.457 ug/l
 RT: 6.93 min Scan# 1739
 Delta R.T. -0.00 min
 Lab File: VU039723.D
 Acq: 30 Jul 2020 15:12

Tgt Ion: 93 Resp: 5941
 Ion Ratio Lower Upper
 93 100
 95 82.1 66.6 99.8
 174 76.9 62.7 94.1

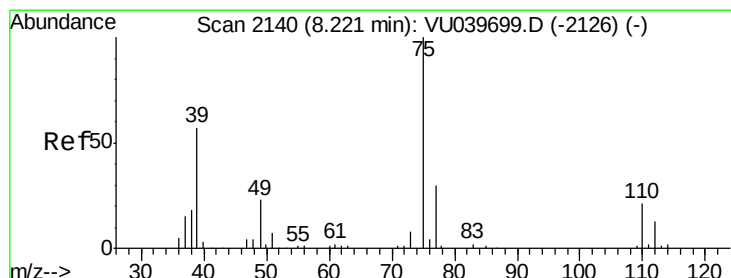
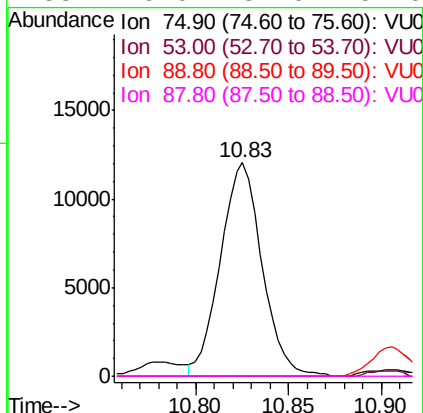
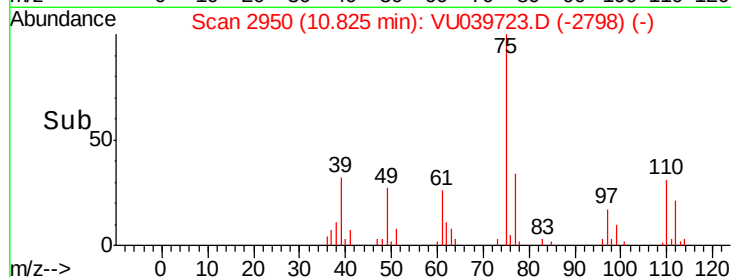
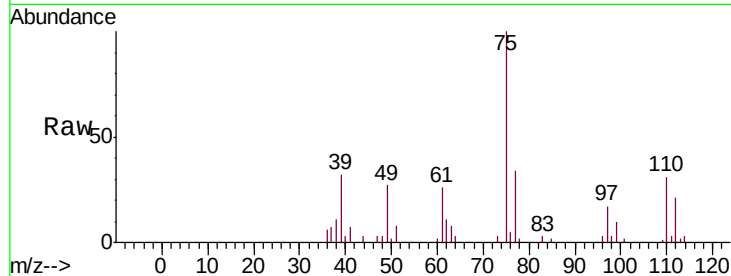




#46
t-1,4-Dichloro-2-butene
Concen: 10.219 ug/l
RT: 10.83 min Scan# 2950
Delta R.T. -0.01 min
Lab File: VU039723.D
Acq: 30 Jul 2020 15:12

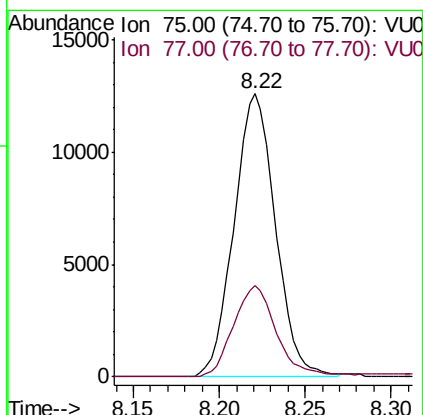
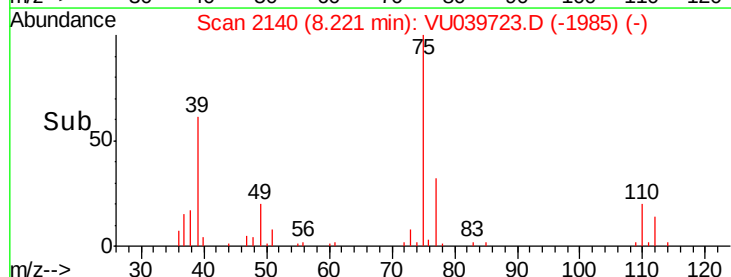
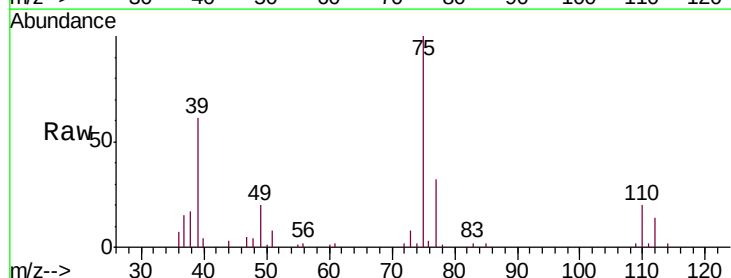
Instrument :
MSVOA_U
ClientSampleId :
PT-UNRVOA-WSDL

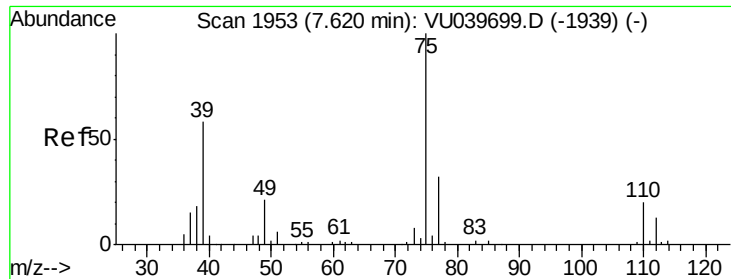
Tgt Ion: 75 Resp: 18768
Ion Ratio Lower Upper
75 100
53 0.0 78.6 118.0#
89 0.0 40.3 60.5#
88 0.0 34.0 51.0#



#50
t-1,3-Dichloropropene
Concen: 2.500 ug/l
RT: 8.22 min Scan# 2140
Delta R.T. -0.00 min
Lab File: VU039723.D
Acq: 30 Jul 2020 15:12

Tgt Ion: 75 Resp: 21043
Ion Ratio Lower Upper
75 100
77 32.1 24.3 36.5

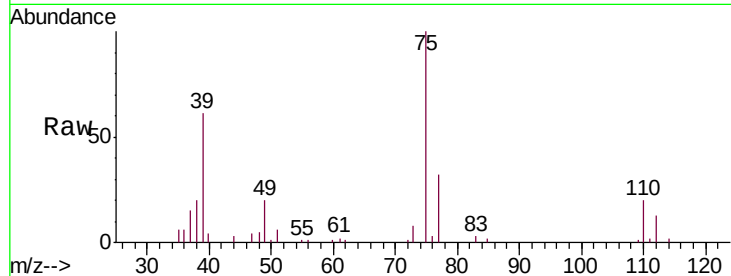




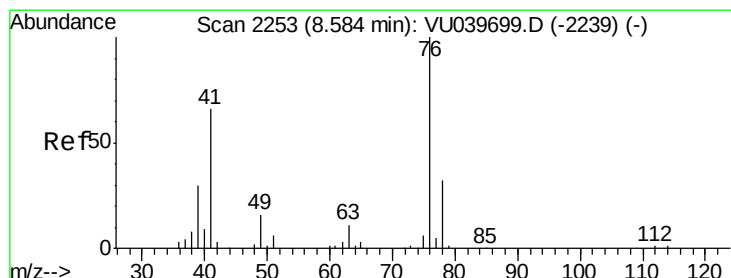
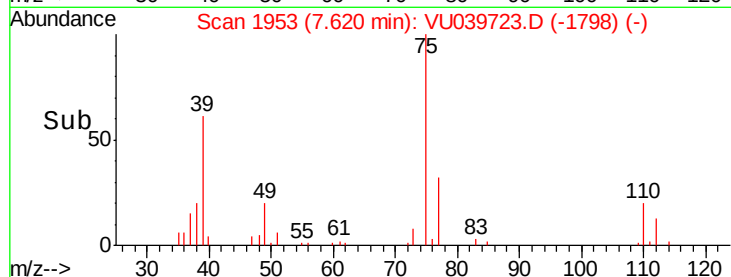
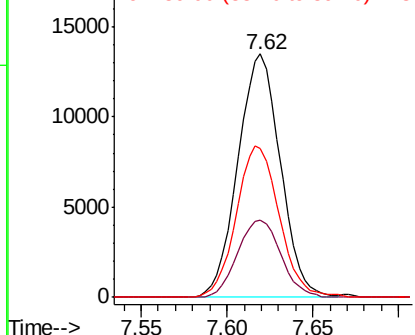
#51
 cis-1,3-Dichloropropene
 Concen: 2.347 ug/l
 RT: 7.62 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: VU039723.D
 Acq: 30 Jul 2020 15:12

Instrument :
 MSVOA_U
 ClientSampleId :
 PT-UNRVOA-WSDL

Tgt Ion: 75 Resp: 23221
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.7 38.5
 39 61.1 46.1 69.1

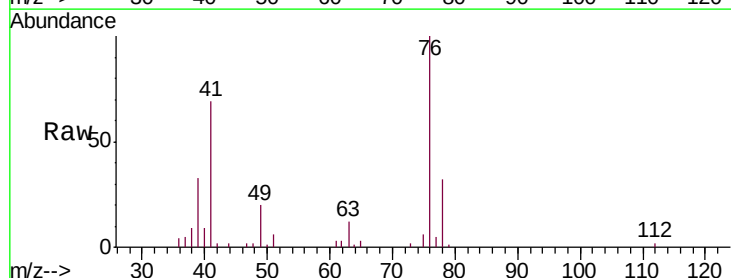


Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0
 Ion 39.00 (38.70 to 39.70): VU0

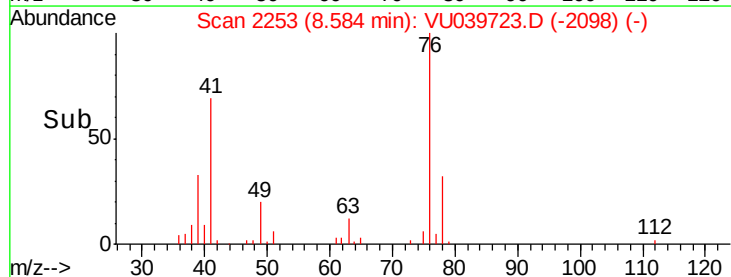
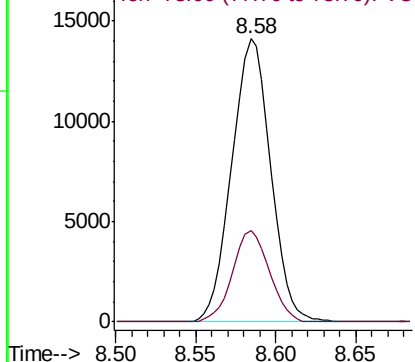


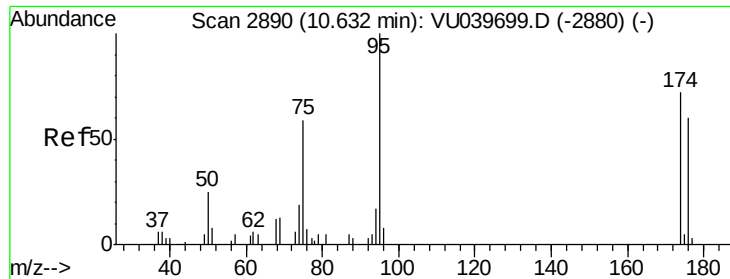
#53
 1,3-Dichloropropane
 Concen: 2.298 ug/l
 RT: 8.58 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VU039723.D
 Acq: 30 Jul 2020 15:12

Tgt Ion: 76 Resp: 23371
 Ion Ratio Lower Upper
 76 100
 78 30.4 25.4 38.2



Abundance Ion 76.00 (75.70 to 76.70): VU0
 Ion 78.00 (77.70 to 78.70): VU0





#57

4-Bromofluorobenzene

Concen: 0.777 ug/l

RT: 10.63 min Scan# 2890

Delta R.T. -0.00 min

Lab File: VU039723.D

Acq: 30 Jul 2020 15:12

Instrument :

MSVOA_U

ClientSampleId :

PT-UNRVOA-WSDL

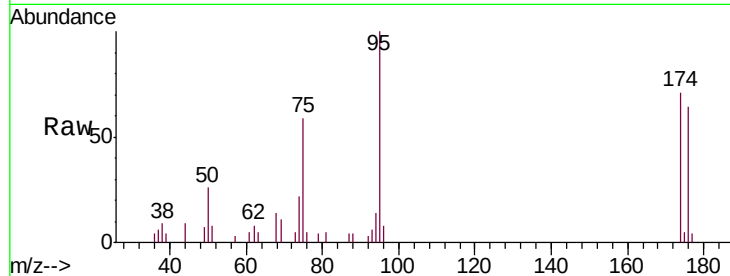
Tgt Ion: 95 Resp: 6671

Ion Ratio Lower Upper

95 100

174 72.7 57.0 85.4

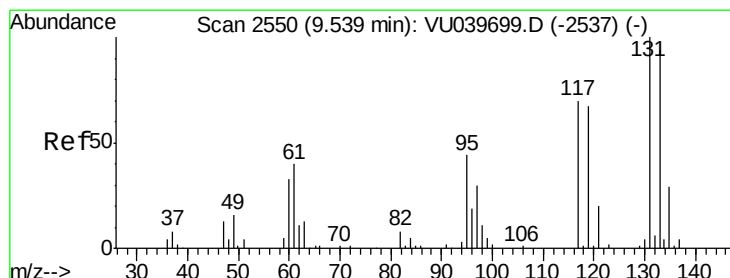
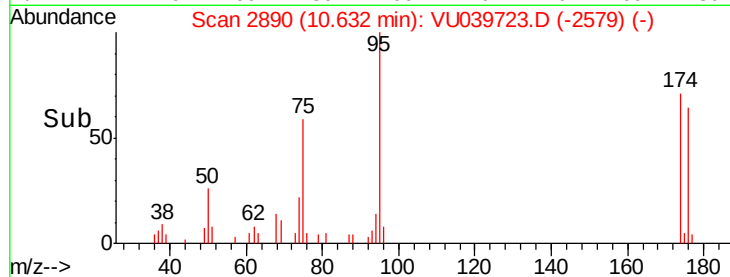
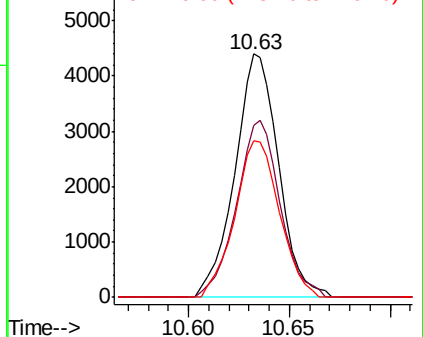
176 65.7 50.2 75.2



Abundance Ion 95.00 (94.70 to 95.70): VU039723.D (-2579) (-)

Ion 174.00 (173.70 to 174.70): VU039723.D (-2579) (-)

Ion 176.00 (175.70 to 176.70): VU039723.D (-2579) (-)



#60

1,1,1,2-Tetrachloroethane

Concen: 2.240 ug/l

RT: 9.54 min Scan# 2550

Delta R.T. -0.00 min

Lab File: VU039723.D

Acq: 30 Jul 2020 15:12

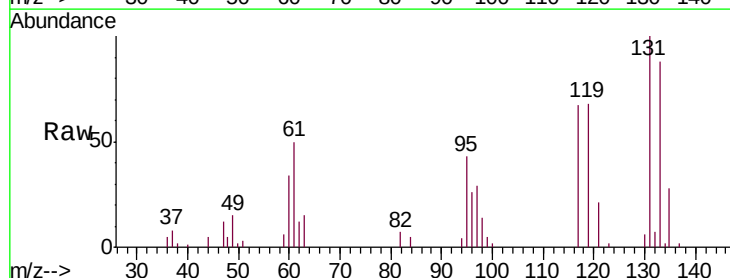
Tgt Ion: 131 Resp: 12775

Ion Ratio Lower Upper

131 100

133 89.7 75.8 113.8

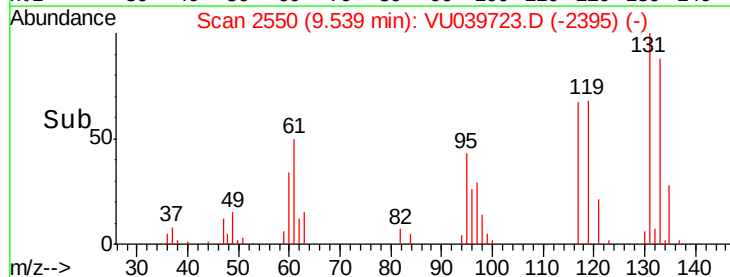
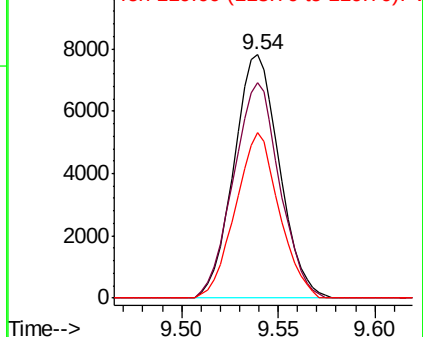
119 65.1 54.6 81.8

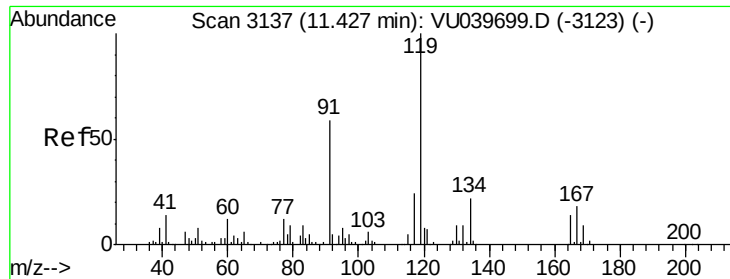


Abundance Ion 131.00 (130.70 to 131.70): VU039723.D (-2395) (-)

Ion 133.00 (132.70 to 133.70): VU039723.D (-2395) (-)

Ion 119.00 (118.70 to 119.70): VU039723.D (-2395) (-)





#61

Pentachloroethane

Concen: 0.498 ug/l

RT: 11.42 min Scan# 3134

Delta R.T. -0.01 min

Lab File: VU039723.D

Acq: 30 Jul 2020 15:12

Instrument :

MSVOA_U

ClientSampleId :

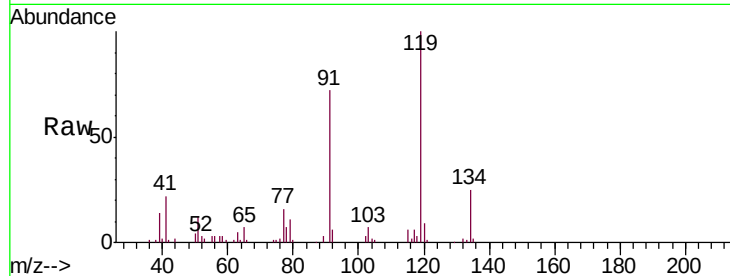
PT-UNRVOA-WSDL

Tgt Ion:117 Resp: 2498

Ion Ratio Lower Upper

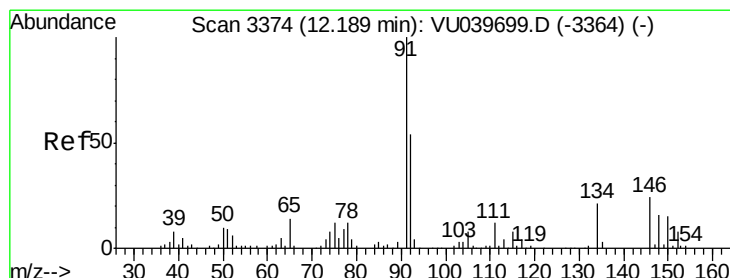
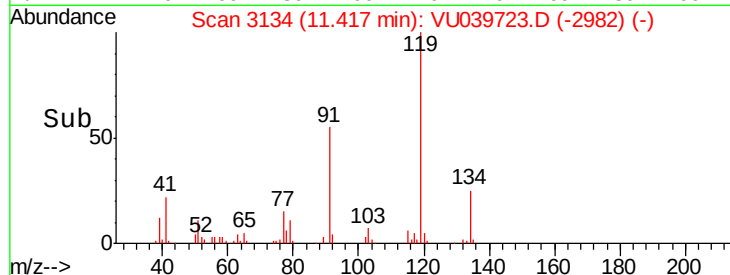
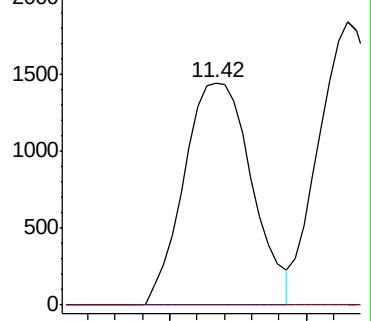
117 100

167 0.0 56.6 85.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V



#68

1,2-Dichlorobenzene-d4

Concen: 0.900 ug/l

RT: 12.19 min Scan# 3374

Delta R.T. -0.00 min

Lab File: VU039723.D

Acq: 30 Jul 2020 15:12

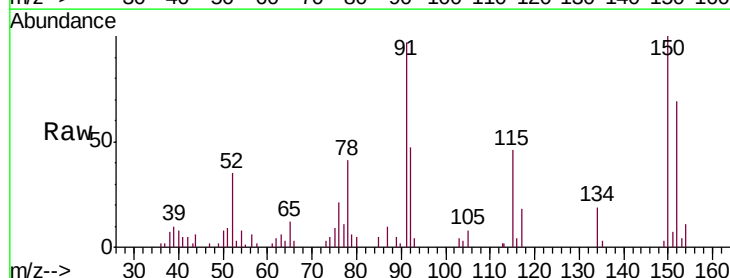
Tgt Ion:152 Resp: 7560

Ion Ratio Lower Upper

152 100

115 82.5 0.0 302.4

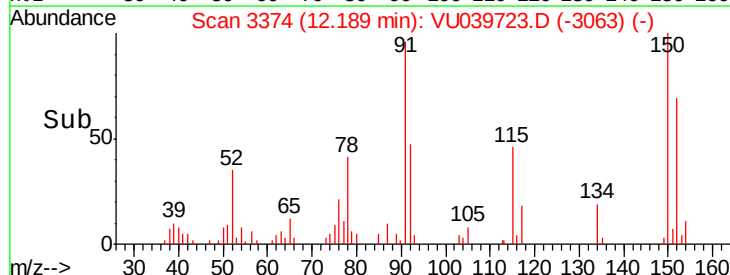
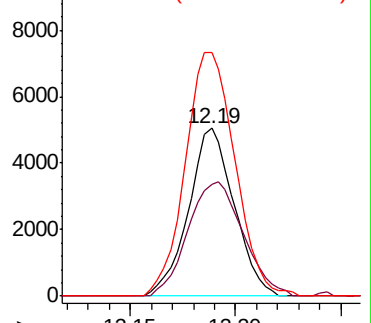
150 158.8 0.0 645.8

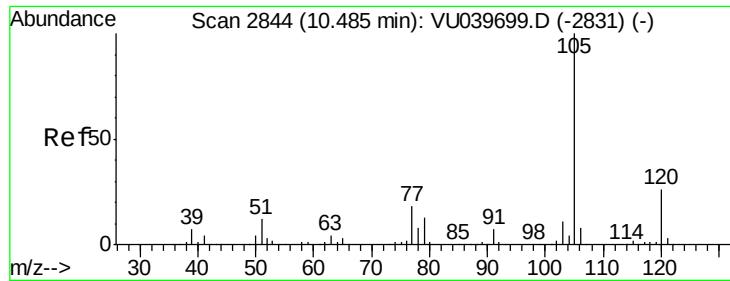


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 1.352 ug/l

RT: 10.48 min Scan# 2844

Delta R.T. -0.00 min

Lab File: VU039723.D

Acq: 30 Jul 2020 15:12

Instrument :

MSVOA_U

ClientSampleId :

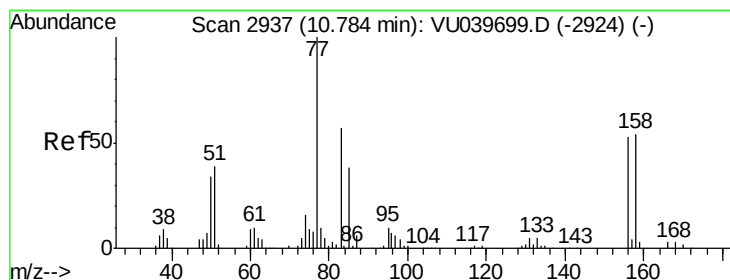
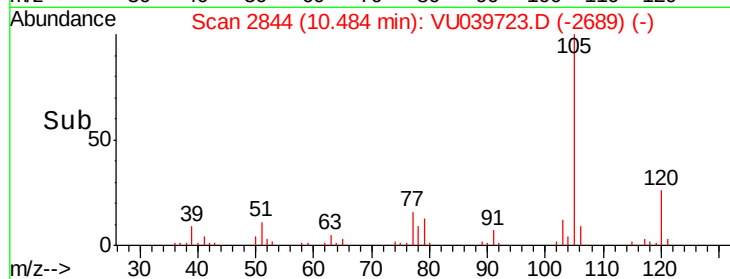
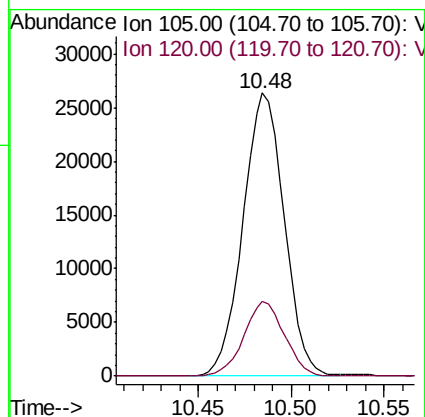
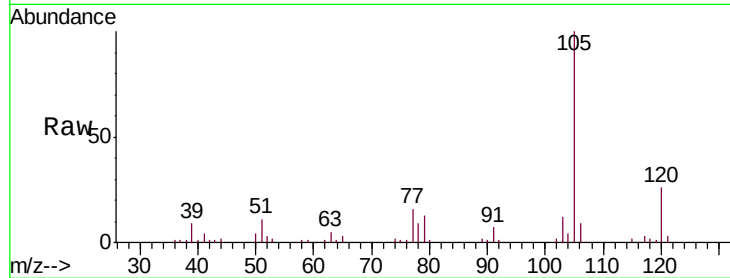
PT-UNRVOA-WSDL

Tgt Ion:105 Resp: 40615

Ion Ratio Lower Upper

105 100

120 25.8 12.8 38.4



#70

1,1,2,2-Tetrachloroethane

Concen: 3.436 ug/l

RT: 10.78 min Scan# 2937

Delta R.T. -0.00 min

Lab File: VU039723.D

Acq: 30 Jul 2020 15:12

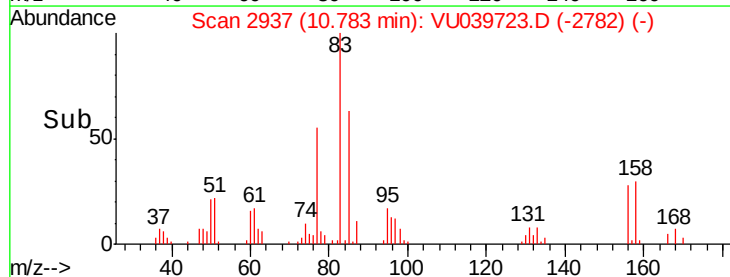
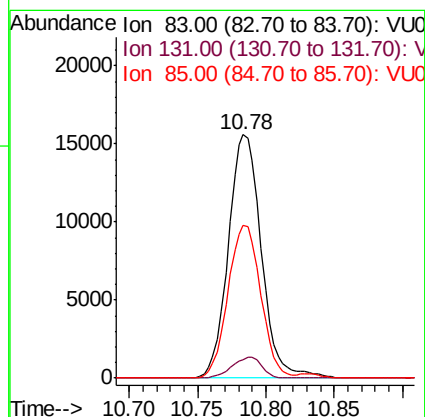
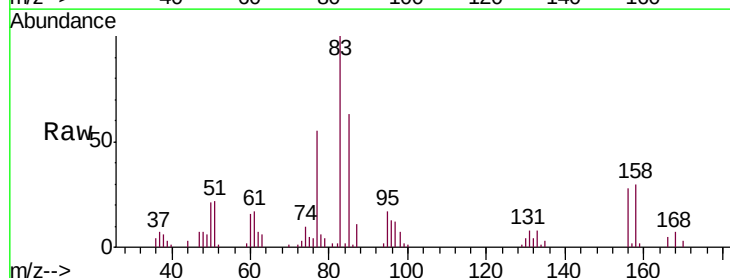
Tgt Ion: 83 Resp: 26195

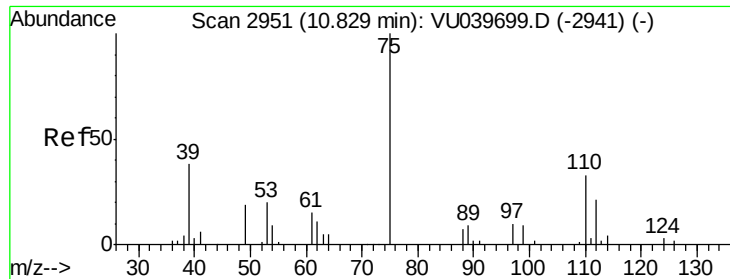
Ion Ratio Lower Upper

83 100

131 7.7 7.0 10.6

85 62.4 50.6 75.8

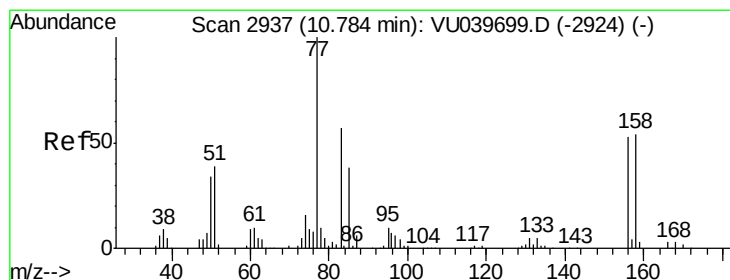
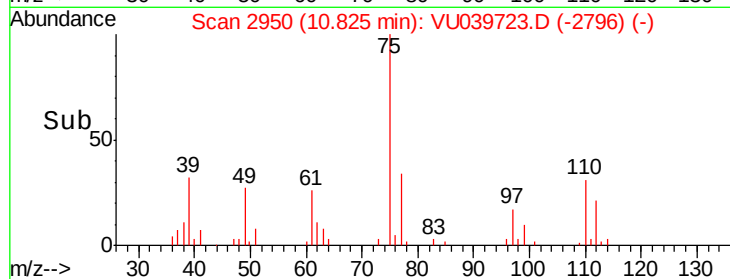
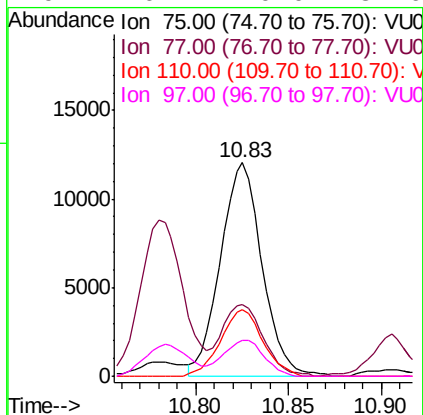
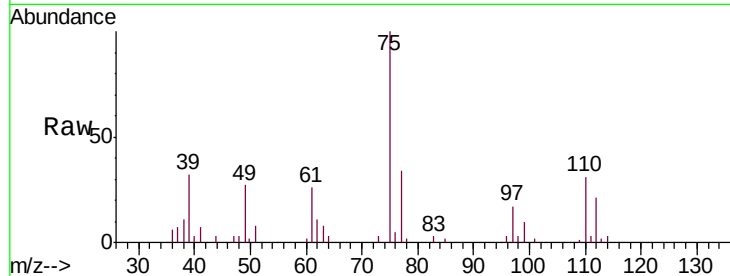




#71
 1,2,3-Trichloropropane
 Concen: 3.268 ug/l
 RT: 10.83 min Scan# 2950
 Delta R.T. -0.00 min
 Lab File: VU039723.D
 Acq: 30 Jul 2020 15:12

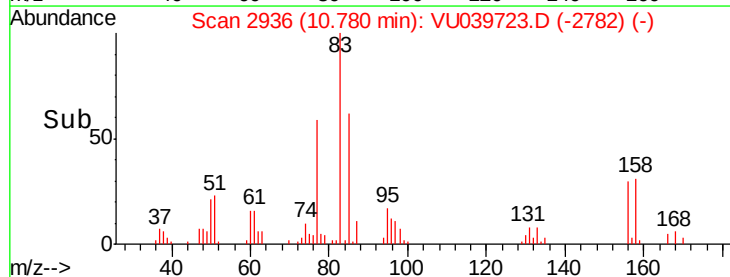
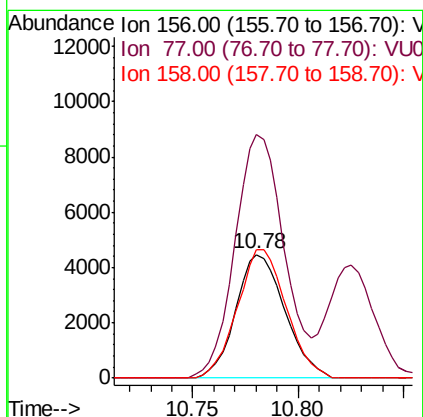
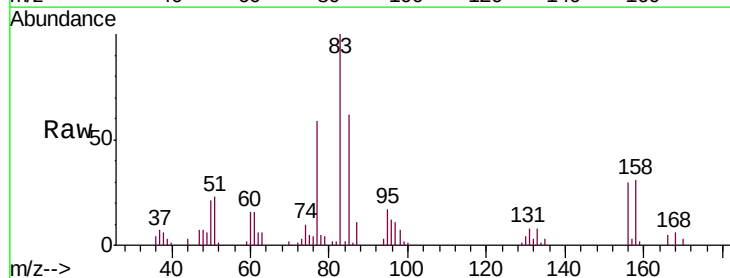
Instrument :
 MSVOA_U
 ClientSampleId :
 PT-UNRVOA-WSDL

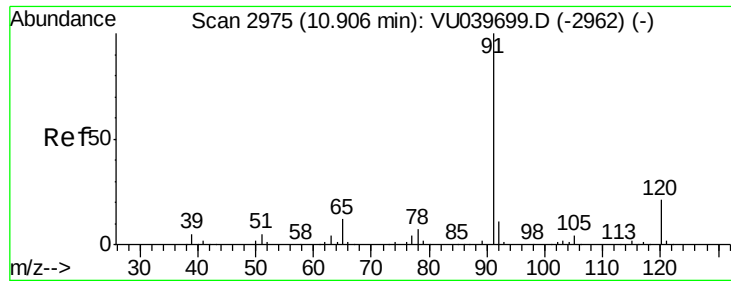
Tgt Ion:	75	Resp:	18768
Ion	Ratio	Lower	Upper
75	100		
77	33.8	0.0	91.0
110	31.9	0.0	64.2
97	16.4	0.0	32.6



#72
 Bromobenzene
 Concen: 1.059 ug/l
 RT: 10.78 min Scan# 2936
 Delta R.T. -0.00 min
 Lab File: VU039723.D
 Acq: 30 Jul 2020 15:12

Tgt Ion:	156	Resp:	7225
Ion	Ratio	Lower	Upper
156	100		
77	196.7	0.0	385.2
158	103.8	0.0	200.8





#73

n-propylbenzene

Concen: 1.835 ug/l

RT: 10.91 min Scan# 2975

Delta R.T. -0.00 min

Lab File: VU039723.D

Acq: 30 Jul 2020 15:12

Instrument :

MSVOA_U

ClientSampleId :

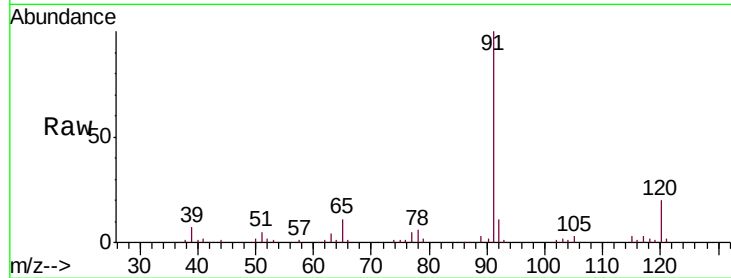
PT-UNRVOA-WSDL

Tgt Ion:120 Resp: 15500

Ion Ratio Lower Upper

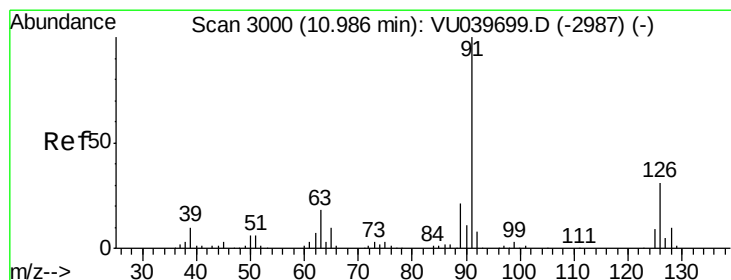
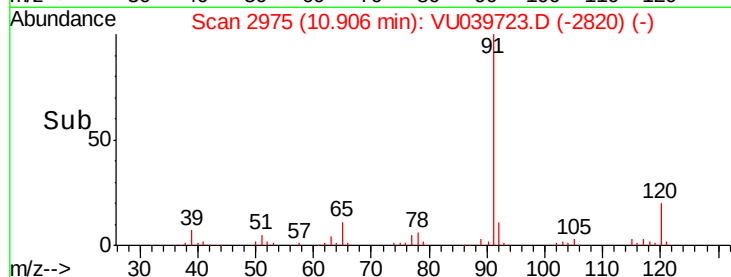
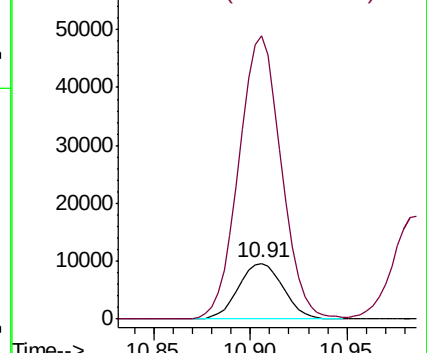
120 100

91 481.6 371.7 557.5



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 1.102 ug/l

RT: 10.99 min Scan# 3000

Delta R.T. -0.00 min

Lab File: VU039723.D

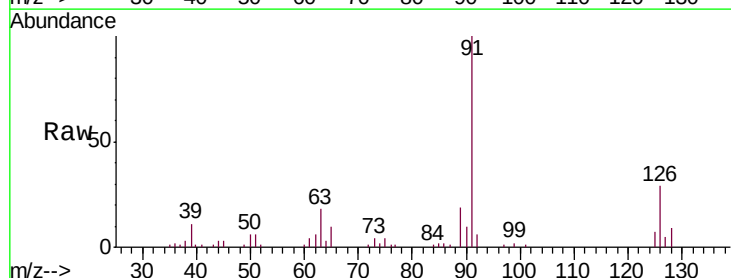
Acq: 30 Jul 2020 15:12

Tgt Ion:126 Resp: 7864

Ion Ratio Lower Upper

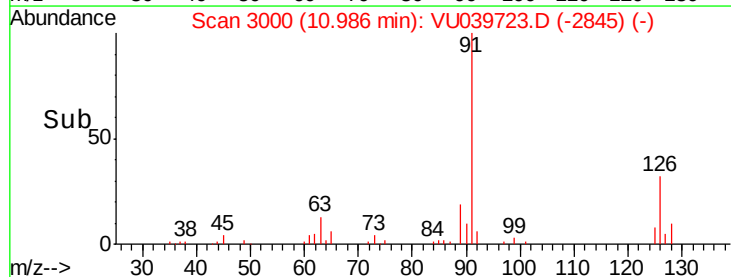
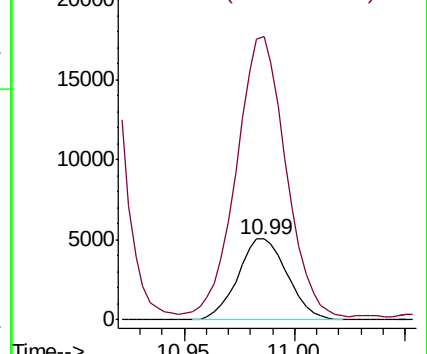
126 100

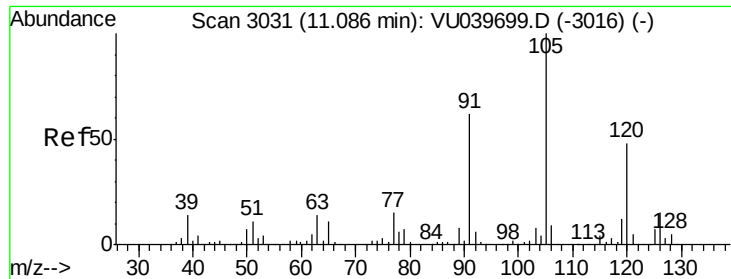
91 347.4 0.0 637.0



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: 2.525 ug/l

RT: 11.09 min Scan# 3031

Delta R.T. -0.00 min

Lab File: VU039723.D

Acq: 30 Jul 2020 15:12

Instrument :

MSVOA_U

ClientSampleId :

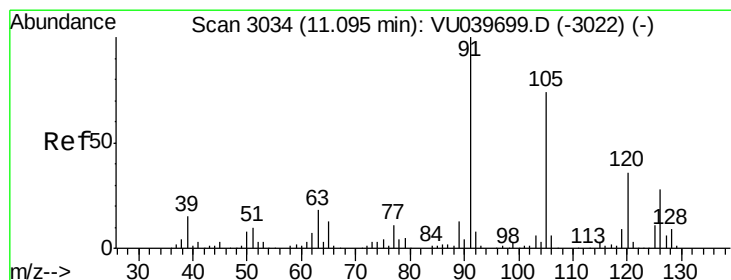
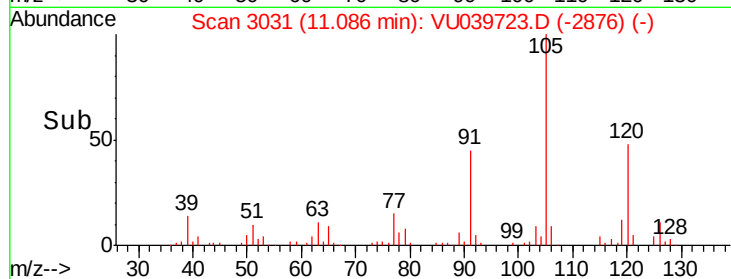
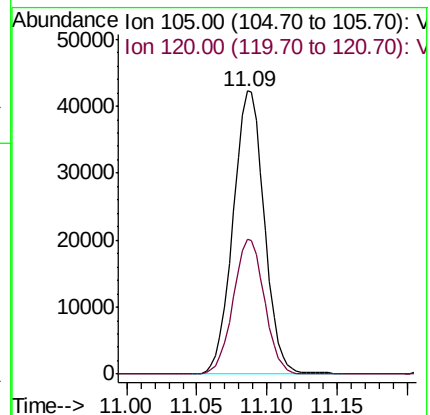
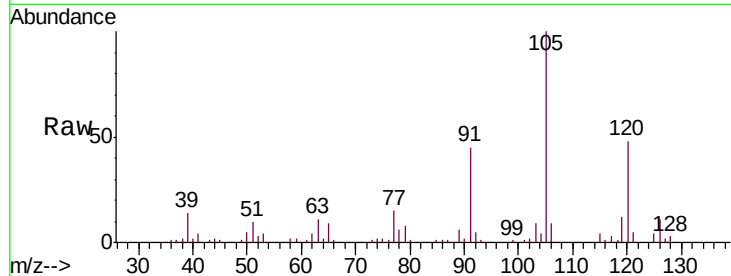
PT-UNRVOA-WSDL

Tgt Ion:105 Resp: 65558

Ion Ratio Lower Upper

105 100

120 47.7 38.0 57.0



#76

4-Chlorotoluene

Concen: 1.637 ug/l

RT: 11.10 min Scan# 3034

Delta R.T. -0.00 min

Lab File: VU039723.D

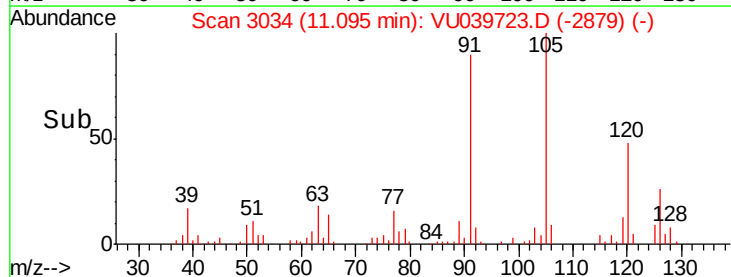
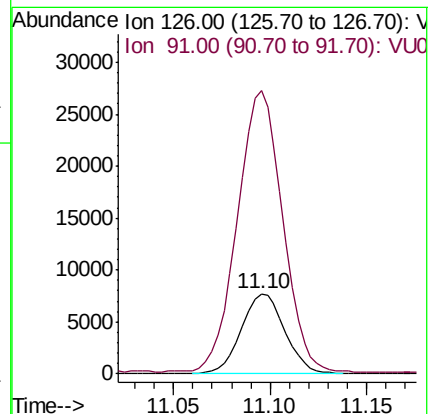
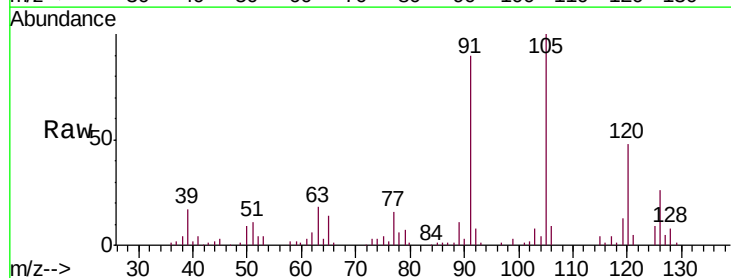
Acq: 30 Jul 2020 15:12

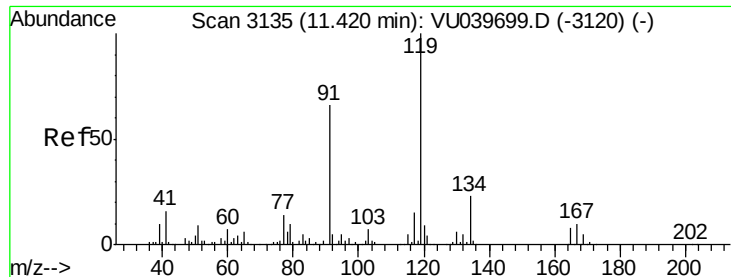
Tgt Ion:126 Resp: 12096

Ion Ratio Lower Upper

126 100

91 366.9 0.0 732.2

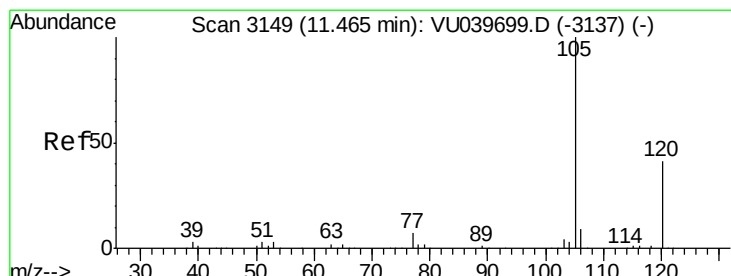
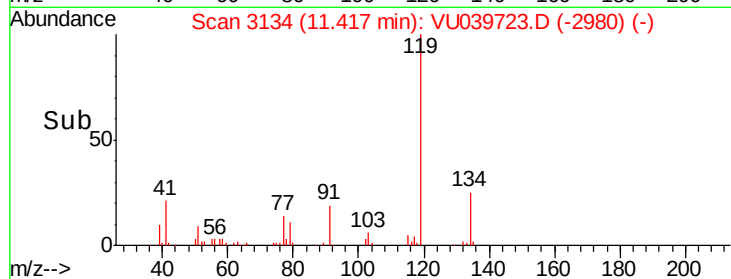
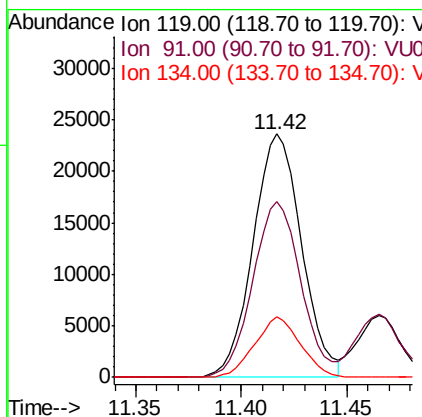
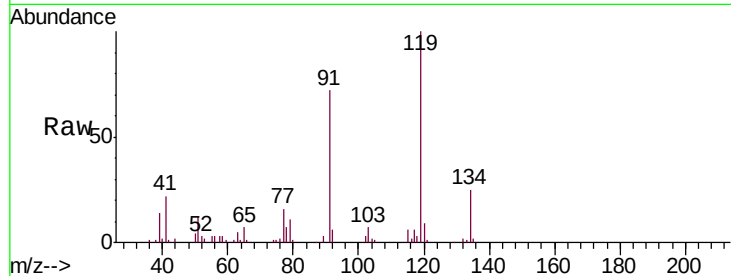




#77
 tert-Butylbenzene
 Concen: 1.518 ug/l
 RT: 11.42 min Scan# 3134
 Delta R.T. -0.00 min
 Lab File: VU039723.D
 Acq: 30 Jul 2020 15:12

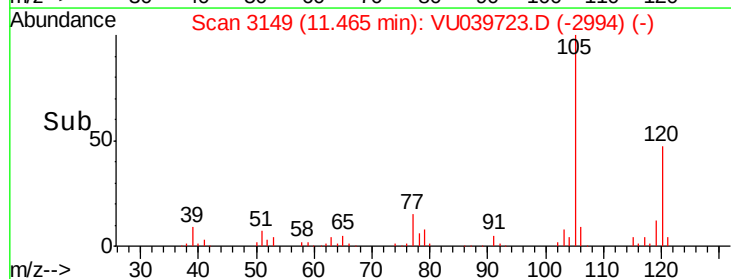
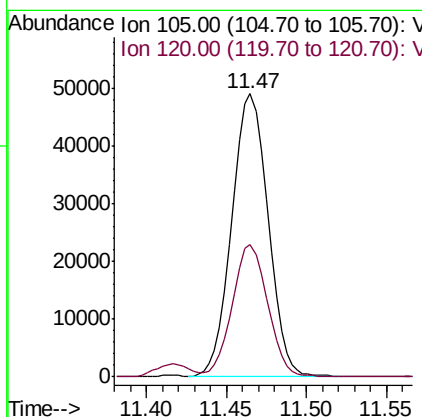
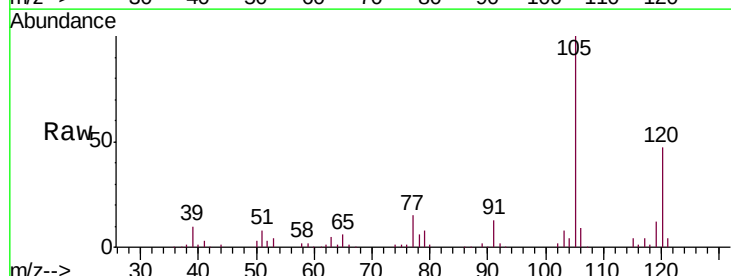
Instrument :
 MSVOA_U
 ClientSampleId :
 PT-UNRVOA-WSDL

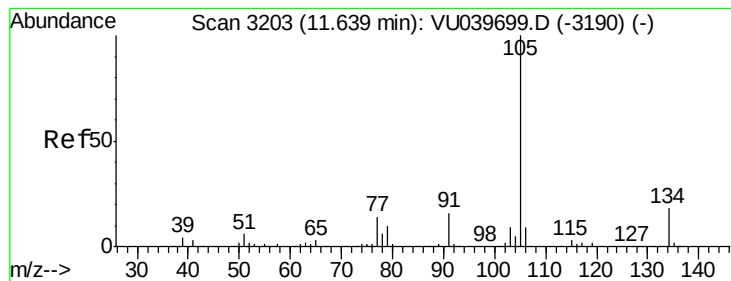
Tgt Ion:119 Resp: 37820
 Ion Ratio Lower Upper
 119 100
 91 71.7 31.9 95.5
 134 23.3 18.2 27.4



#78
 1,2,4-Trimethylbenzene
 Concen: 2.817 ug/l
 RT: 11.47 min Scan# 3149
 Delta R.T. -0.00 min
 Lab File: VU039723.D
 Acq: 30 Jul 2020 15:12

Tgt Ion:105 Resp: 75013
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.7 68.0





#79

sec-Butylbenzene

Concen: 1.365 ug/l

RT: 11.64 min Scan# 3203

Delta R.T. -0.00 min

Lab File: VU039723.D

Acq: 30 Jul 2020 15:12

Instrument :

MSVOA_U

ClientSampleId :

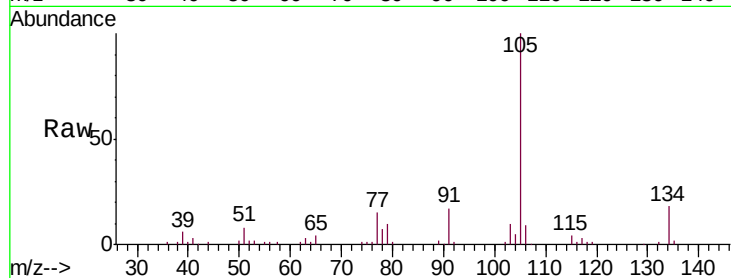
PT-UNRVOA-WSDL

Tgt Ion:105 Resp: 48395

Ion Ratio Lower Upper

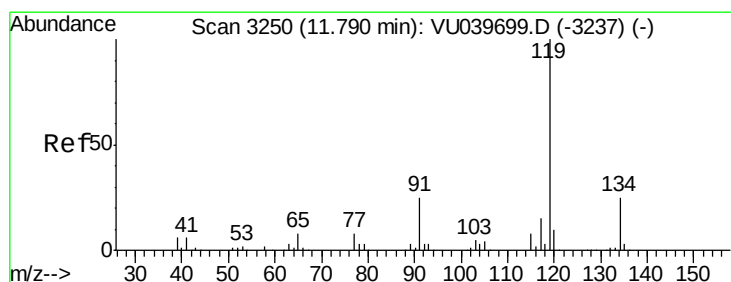
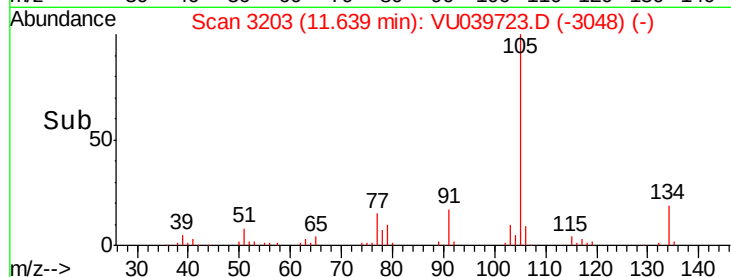
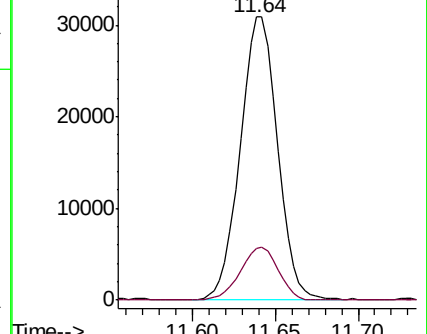
105 100

134 18.9 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: 2.596 ug/l

RT: 11.79 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VU039723.D

Acq: 30 Jul 2020 15:12

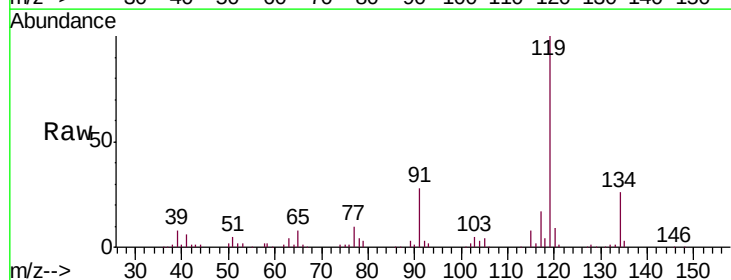
Tgt Ion:119 Resp: 74172

Ion Ratio Lower Upper

119 100

134 25.3 20.2 30.4

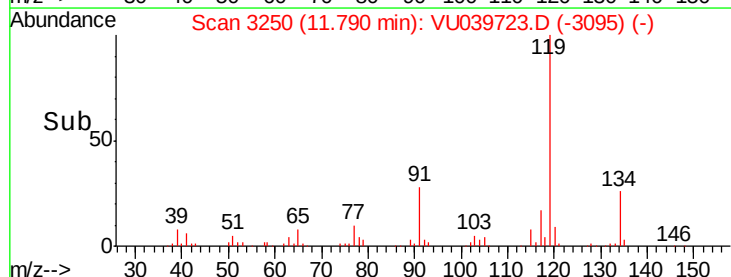
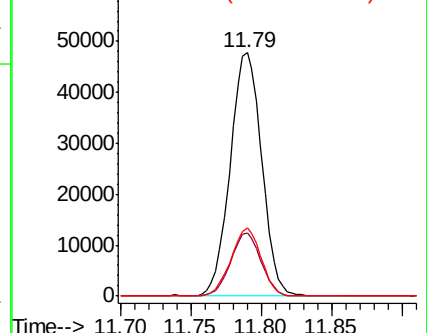
91 27.1 20.7 31.1

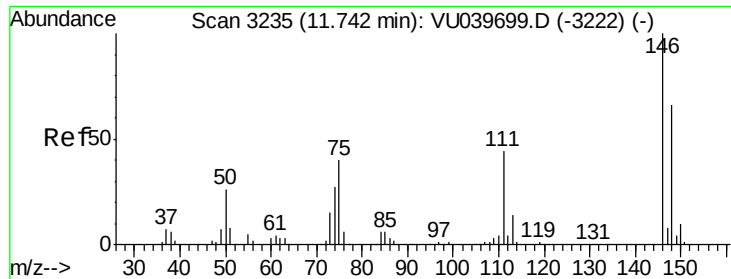


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0

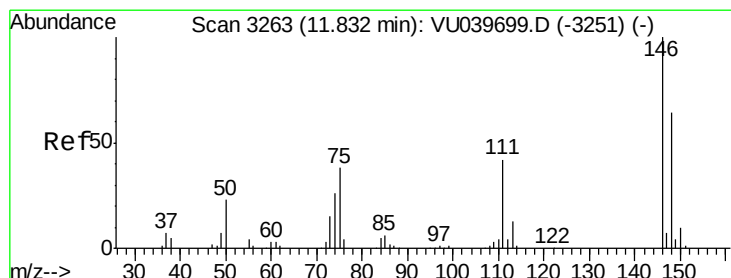
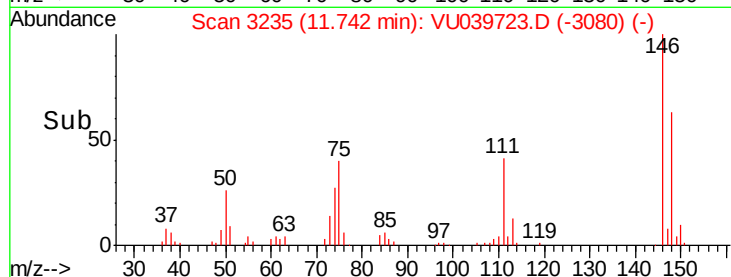
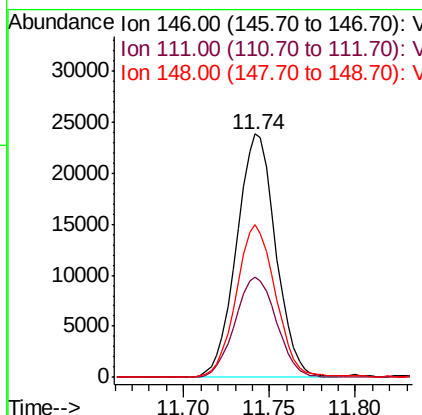
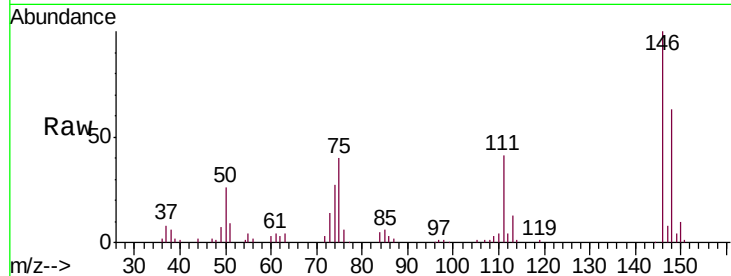




#82
 1,3-Dichlorobenzene
 Concen: 2.574 ug/l
 RT: 11.74 min Scan# 3235
 Delta R.T. -0.00 min
 Lab File: VU039723.D
 Acq: 30 Jul 2020 15:12

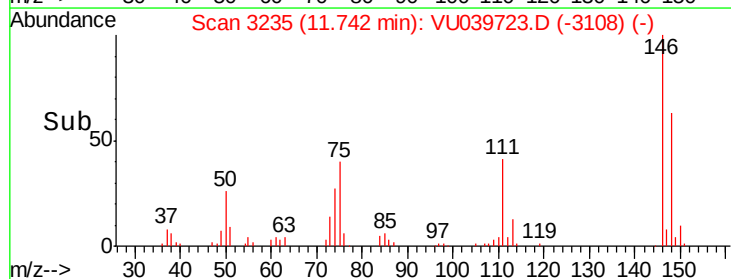
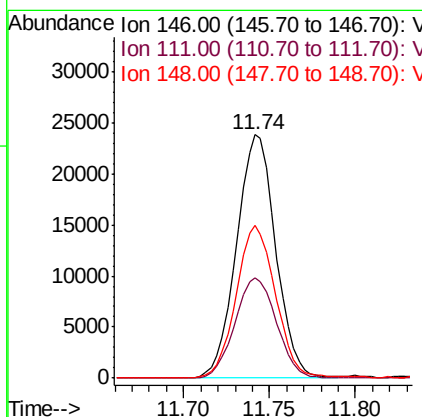
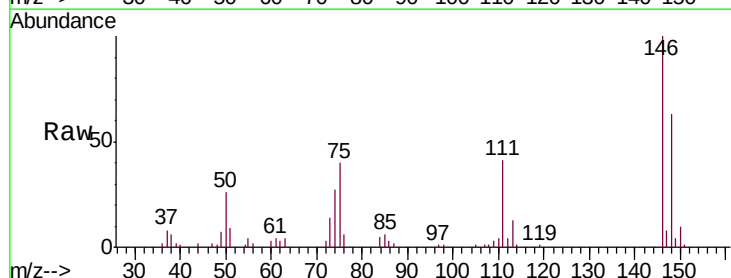
Instrument :
 MSVOA_U
 ClientSampleId :
 PT-UNRVOA-WSDL

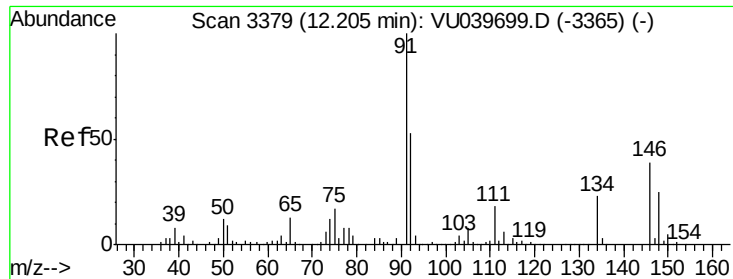
Tgt Ion:146 Resp: 37796
 Ion Ratio Lower Upper
 146 100
 111 43.4 34.5 51.7
 148 63.3 51.4 77.0



#83
 1,4-Dichlorobenzene
 Concen: 2.559 ug/l
 RT: 11.74 min Scan# 3235
 Delta R.T. -0.09 min
 Lab File: VU039723.D
 Acq: 30 Jul 2020 15:12

Tgt Ion:146 Resp: 37796
 Ion Ratio Lower Upper
 146 100
 111 43.4 33.8 50.6
 148 63.3 51.1 76.7





#84

n-Butylbenzene

Concen: 1.020 ug/l

RT: 12.20 min Scan# 3379

Delta R.T. -0.00 min

Lab File: VU039723.D

Acq: 30 Jul 2020 15:12

Instrument :

MSVOA_U

ClientSampleId :

PT-UNRVOA-WSDL

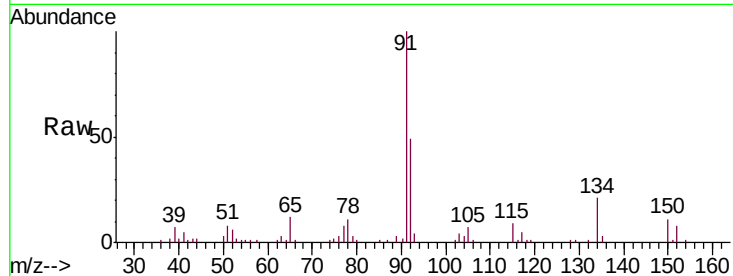
Tgt Ion: 91 Resp: 30955

Ion Ratio Lower Upper

91 100

92 49.1 42.6 64.0

134 21.9 18.2 27.4

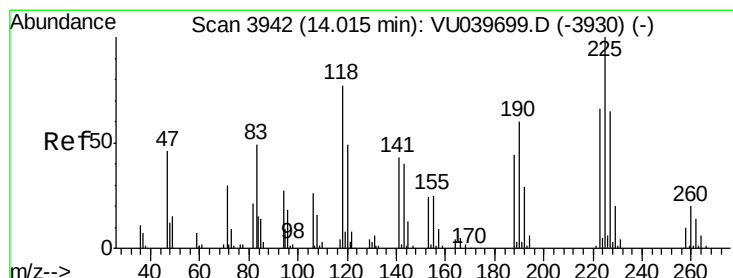
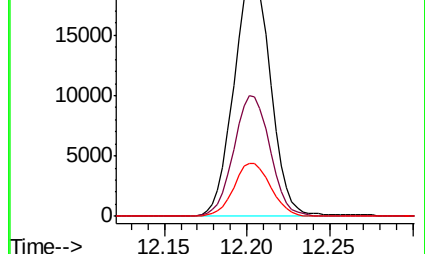
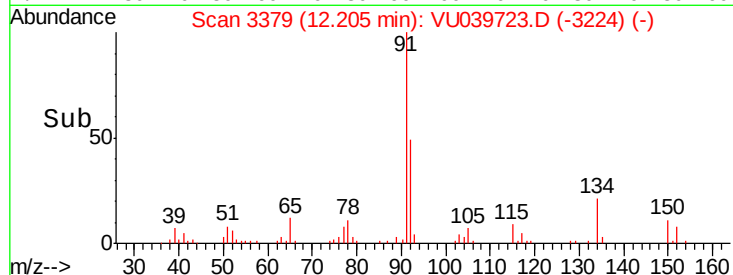


Abundance Ion 91.00 (90.70 to 91.70): VU039723.D (-3224) (-)

Ion 92.00 (91.70 to 92.70): VU039723.D (-3224) (-)

Ion 134.00 (133.70 to 134.70): VU039723.D (-3224) (-)

Time-->



#88

Hexachlorobutadiene

Concen: 2.329 ug/l

RT: 14.01 min Scan# 3941

Delta R.T. -0.00 min

Lab File: VU039723.D

Acq: 30 Jul 2020 15:12

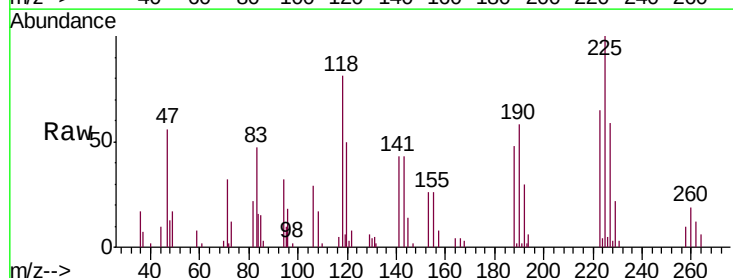
Tgt Ion: 225 Resp: 9361

Ion Ratio Lower Upper

225 100

223 66.6 52.4 78.6

227 63.0 50.7 76.1

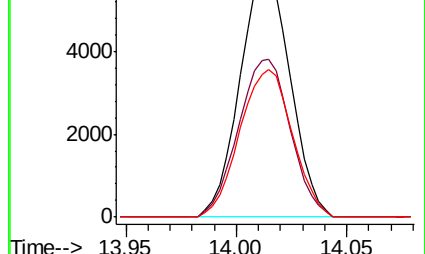
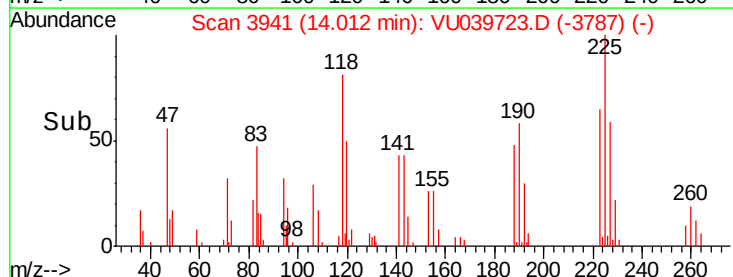


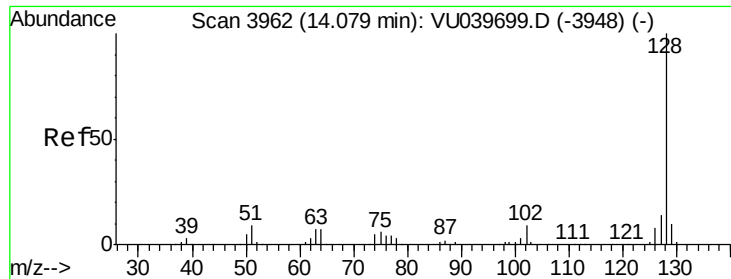
Abundance Ion 224.60 (224.30 to 225.30): VU039723.D (-3787) (-)

Ion 222.60 (222.30 to 223.30): VU039723.D (-3787) (-)

Ion 226.60 (226.30 to 227.30): VU039723.D (-3787) (-)

Time-->





#89

Naphthalene

Concen: 6.855 ug/l

RT: 14.08 min Scan# 3962

Delta R.T. -0.00 min

Lab File: VU039723.D

Acq: 30 Jul 2020 15:12

Instrument :

MSVOA_U

ClientSampleId :

PT-UNRVOA-WSDL

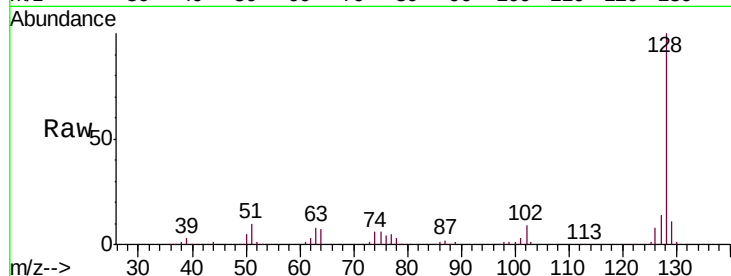
Tgt Ion:128 Resp: 129822

Ion Ratio Lower Upper

128 100

127 13.9 11.0 16.4

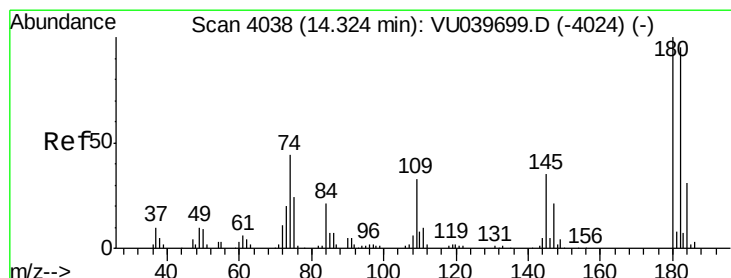
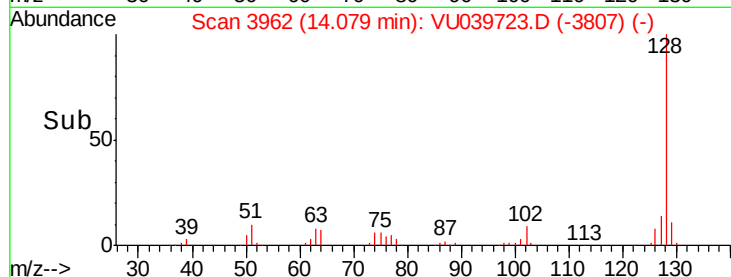
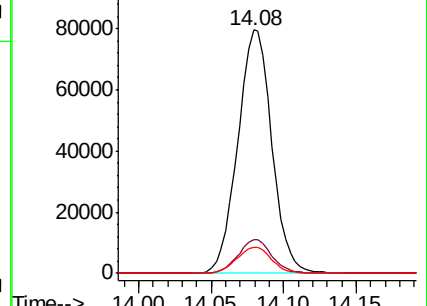
129 10.9 8.4 12.6



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: 6.178 ug/l

RT: 14.32 min Scan# 4037

Delta R.T. -0.00 min

Lab File: VU039723.D

Acq: 30 Jul 2020 15:12

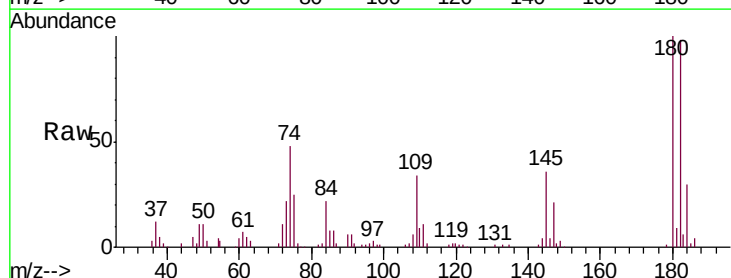
Tgt Ion:180 Resp: 51618

Ion Ratio Lower Upper

180 100

182 95.9 76.0 114.0

145 35.5 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

