

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100318\
 Data File : VU027360.D
 Acq On : 03 Oct 2018 13:55
 Operator : MD/SY
 Sample : J4965-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RR-UNRVOA-WS

Quant Time: Oct 03 14:40:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U100318DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Oct 03 09:31:21 2018
 Response via : Initial Calibration

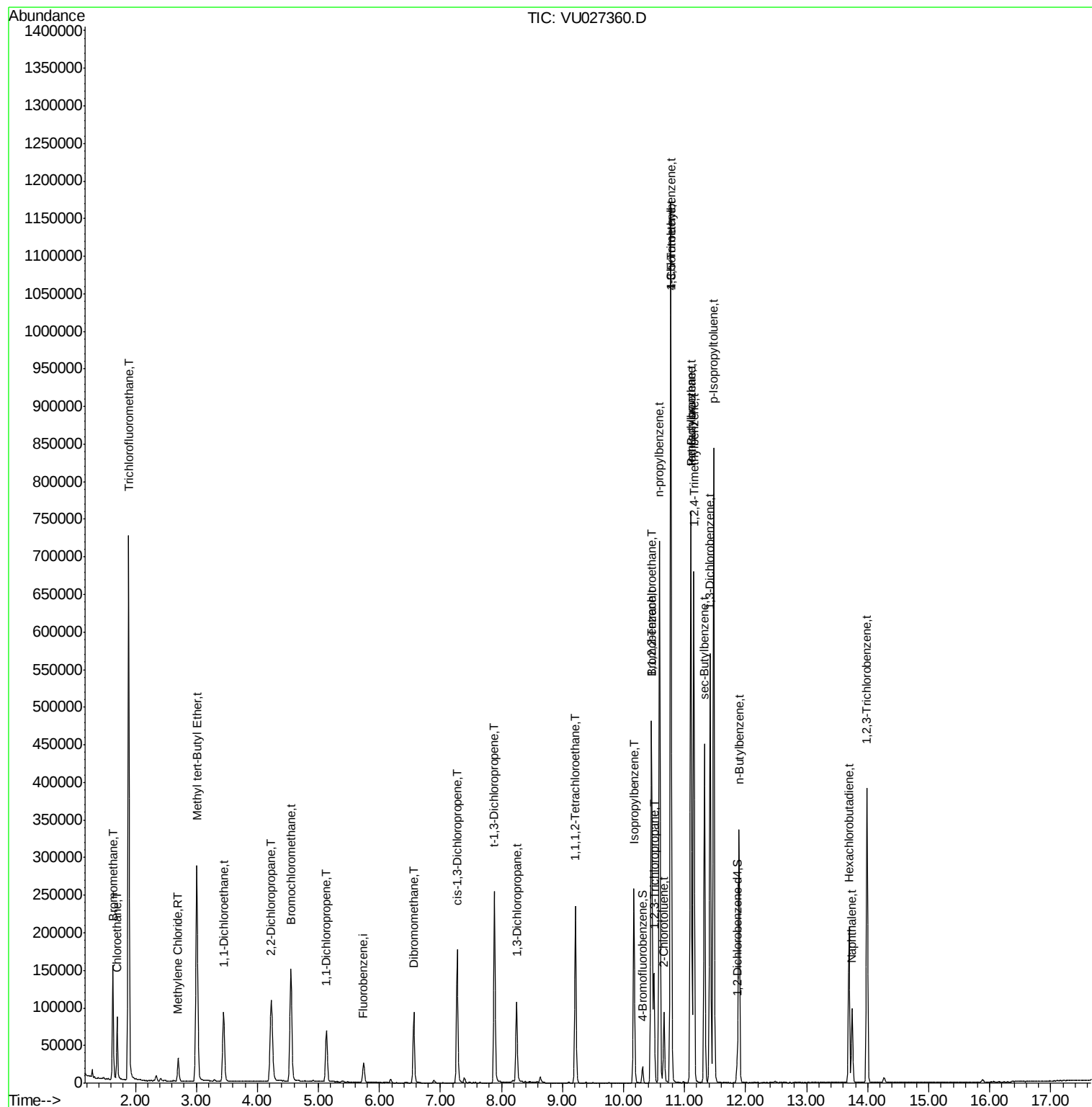
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	5.74	96	23101	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	7248	0.83	ug/l	0.00
Spiked Amount 1.000			Recovery	=	83.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	7339	0.99	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.00%	
Target Compounds						
					Ovalue	
5) Bromomethane	1.63	94	66982	17.494	ug/l	98
6) Chloroethane	1.70	64	54929	9.475	ug/l	98
7) Trichlorofluoromethane	1.89	101	458665	43.241	ug/l	100
15) Methylene Chloride	2.70	84	11693	1.758	ug/l	98
17) 1,1-Dichloroethane	3.45	63	103254	7.077	ug/l	100
21) 2,2-Dichloropropane	4.22	77	89063	7.128	ug/l	95
25) Methyl tert-Butyl Ether	3.01	73	288049	16.610	ug/l	99
26) Bromochloromethane	4.55	128	41233	15.402	ug/l	97
29) 1,1-Dichloropropene	5.13	75	37920	3.897	ug/l	97
43) Dibromomethane	6.56	93	37254	10.410	ug/l	97
50) t-1,3-Dichloropropene	7.88	75	133077	15.430	ug/l	98
51) cis-1,3-Dichloropropene	7.27	75	99170	9.597	ug/l	98
53) 1,3-Dichloropropane	8.25	76	57637	6.032	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.21	131	61538	9.867	ug/l	99
61) Pentachloroethane	11.10	117	16446	3.190	ug/l #	14
69) Isopropylbenzene	10.17	105	149381	5.716	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.46	83	113178	16.635	ug/l	99
71) 1,2,3-Trichloropropane	10.50	75	60221	11.471	ug/l #	90
72) Bromobenzene	10.45	156	67132	10.646	ug/l	98
73) n-propylbenzene	10.59	120	107901	15.332	ug/l	99
74) 2-Chlorotoluene	10.66	126	15260	2.372	ug/l	94
75) 1,3,5-Trimethylbenzene	10.77	105	346269	14.894	ug/l	100
76) 4-Chlorotoluene	10.77	126	81901	12.410	ug/l	99
77) tert-Butylbenzene	11.10	119	317550	14.466	ug/l	92
78) 1,2,4-Trimethylbenzene	11.15	105	353758	12.159	ug/l	99
79) sec-Butylbenzene	11.32	105	281222	9.338	ug/l	99
81) p-Isopropyltoluene	11.48	119	440413	14.230	ug/l	100
82) 1,3-Dichlorobenzene	11.42	146	210265	15.834	ug/l	99
84) n-Butylbenzene	11.89	91	171885	6.150	ug/l	100
88) Hexachlorobutadiene	13.69	225	36917	7.166	ug/l	99
89) Naphthalene	13.75	128	74986	5.459	ug/l	99
90) 1,2,3-Trichlorobenzene	13.99	180	111097	14.424	ug/l	99
-----	-----	-----	-----	-----	-----	-----

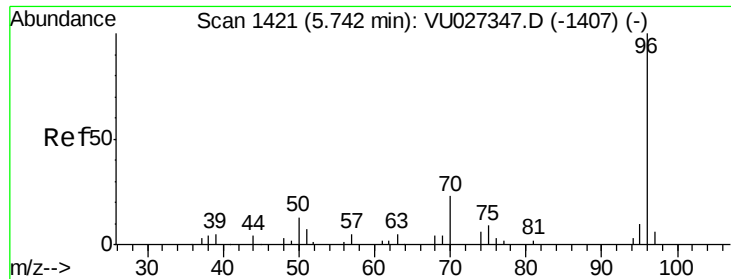
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 25.0mL/MSVOA U/WATER
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Instrument :
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Quant Time: Oct 03 14:40:40 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA U\METHOD\524U100318DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Oct 03 09:31:21 2018
Response via : Initial Calibration





#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1420

Delta R.T. -0.00 min

Lab File: VU027360.D

Acq: 03 Oct 2018 13:55

Instrument :

MSVOA_U

ClientSampleId :

RR-UNRVOA-WS

Tot Ion: 96 Resp: 23101

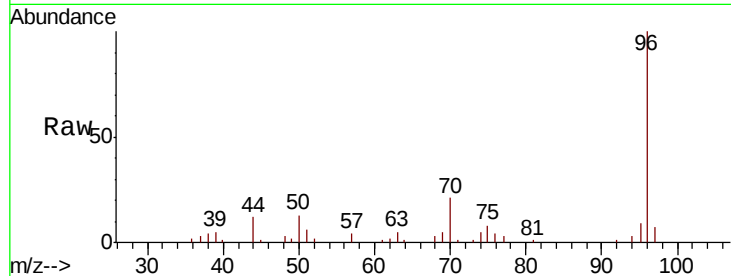
Ion Ratio Lower Upper

96 100

70 22.6 19.2 28.8

95 7.9 7.7 11.5

97 5.7 0.0 0.0#

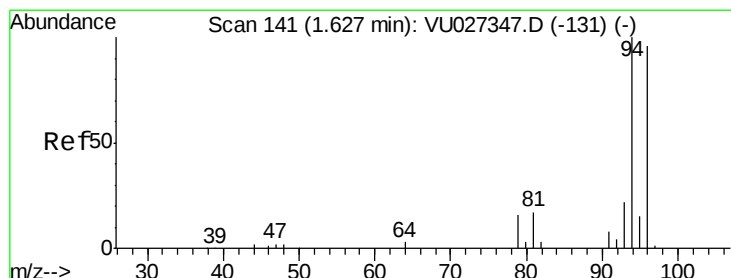
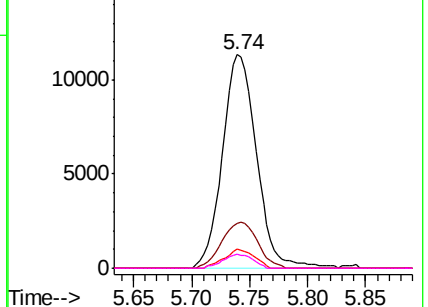
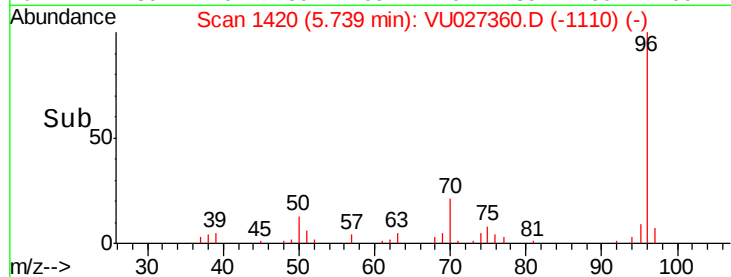


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#5

Bromomethane

Concen: 17.494 ug/l

RT: 1.63 min Scan# 142

Delta R.T. 0.00 min

Lab File: VU027360.D

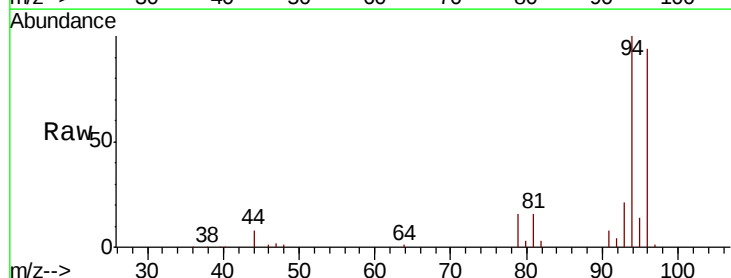
Acq: 03 Oct 2018 13:55

Tgt Ion: 94 Resp: 66982

Ion Ratio Lower Upper

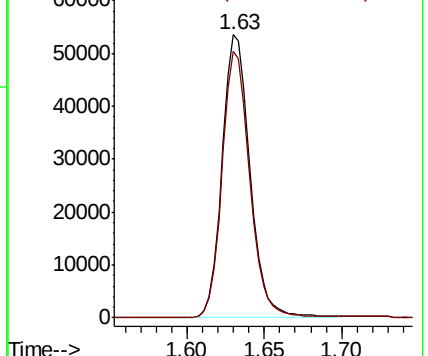
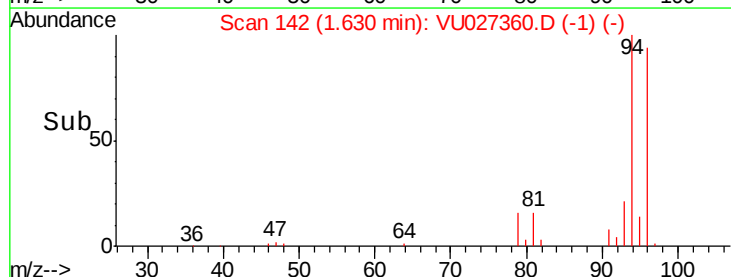
94 100

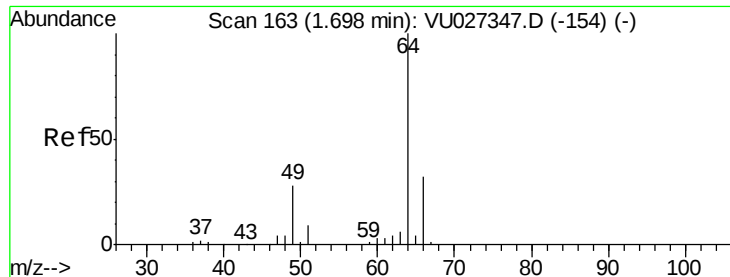
96 94.1 77.0 115.6



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0





#6

Chloroethane

Concen: 9.475 ug/l

RT: 1.70 min Scan# 164

Delta R.T. 0.00 min

Lab File: VU027360.D

Acq: 03 Oct 2018 13:55

Instrument :

MSVOA_U

ClientSampleId :

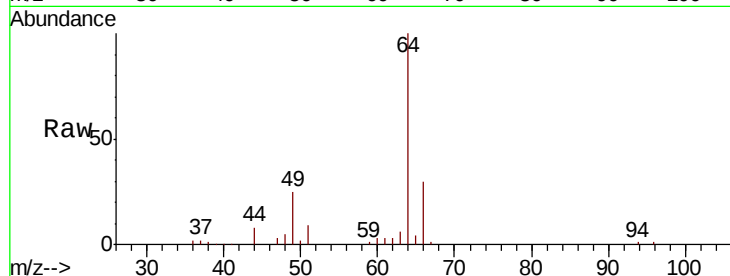
RR-UNRVOA-WS

Tot Ion: 64 Resp: 54929

Ion Ratio Lower Upper

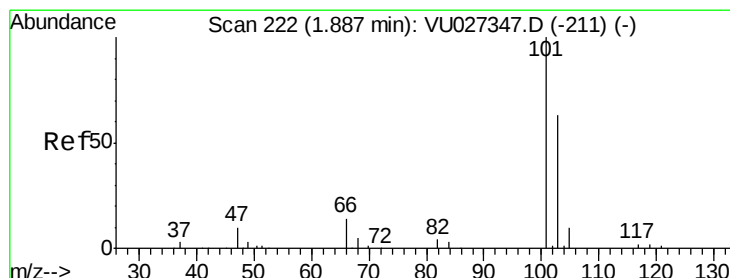
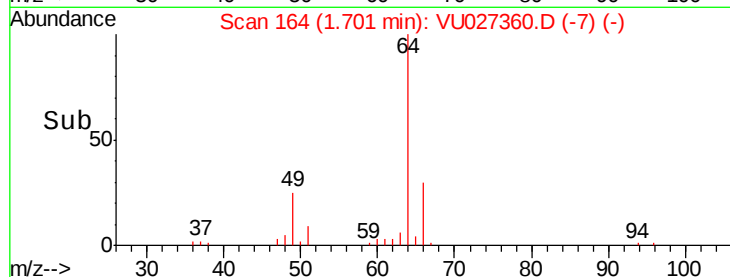
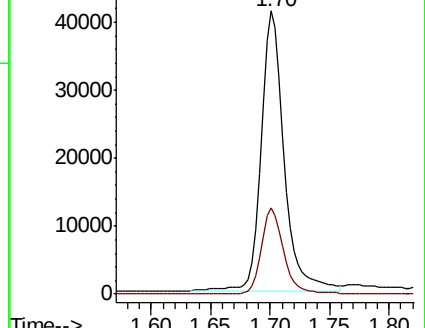
64 100

66 30.7 25.3 37.9



Abundance Ion 64.00 (63.70 to 64.70): VU027347.D (-154) (-)

Ion 66.00 (65.70 to 66.70): VU027347.D (-154) (-)



#7

Trichlorofluoromethane

Concen: 43.241 ug/l

RT: 1.89 min Scan# 223

Delta R.T. 0.00 min

Lab File: VU027360.D

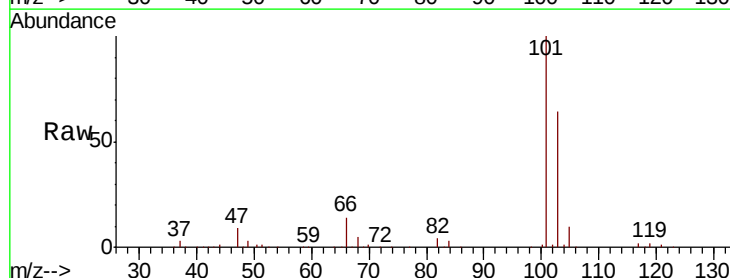
Acq: 03 Oct 2018 13:55

Tgt Ion: 101 Resp: 458665

Ion Ratio Lower Upper

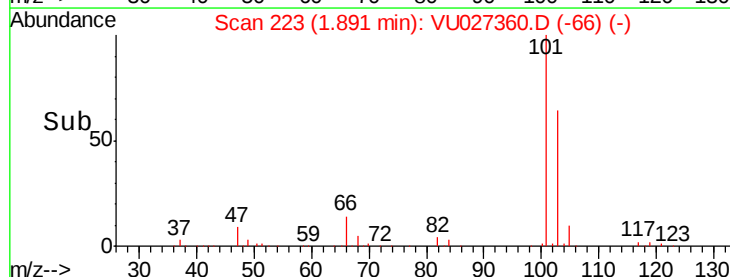
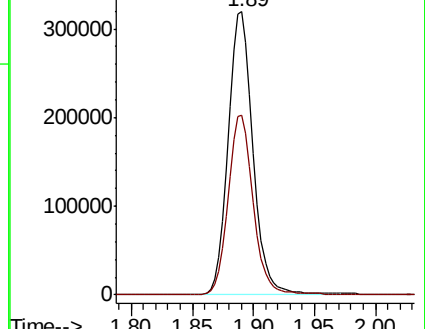
101 100

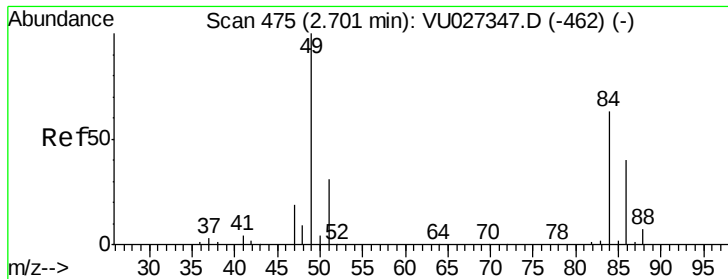
103 63.7 50.8 76.2



Abundance Ion 101.00 (100.70 to 101.70): VU027347.D (-211) (-)

Ion 103.00 (102.70 to 103.70): VU027347.D (-211) (-)





#15

Methvlene Chloride

Concen: 1.758 ug/l

RT: 2.70 min Scan# 475

Delta R.T. 0.00 min

Lab File: VU027360.D

Acq: 03 Oct 2018 13:55

Instrument :

MSVOA_U

ClientSampleId :

RR-UNRVOA-WS

Tot Ion: 84 Resp: 11693

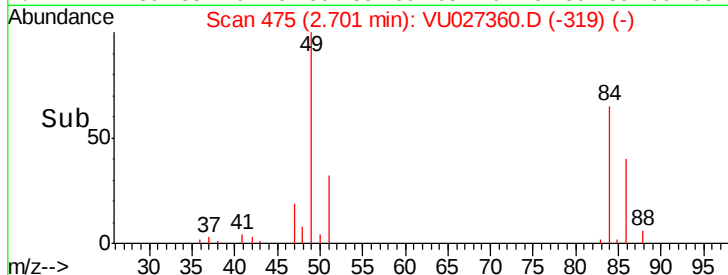
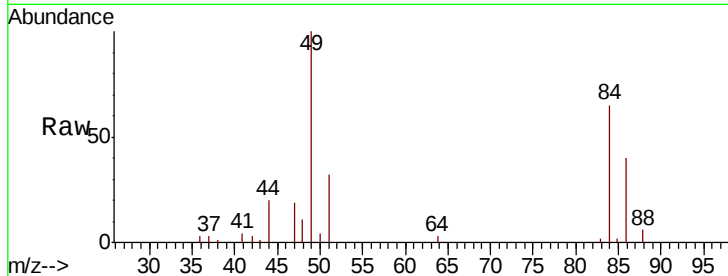
Ion Ratio Lower Upper

84 100

49 154.6 126.0 189.0

51 49.6 0.0 97.4

86 62.4 50.5 75.7

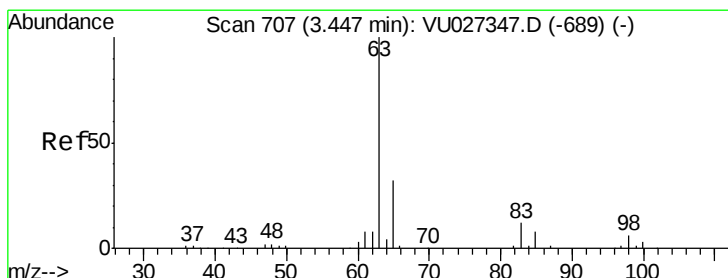
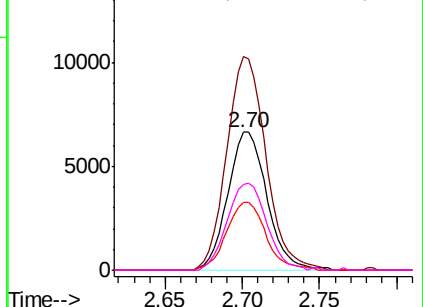


Abundance Ion 84.00 (83.70 to 84.70): VU0

Ion 49.00 (48.70 to 49.70): VU0

Ion 51.00 (50.70 to 51.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#17

1,1-Dichloroethane

Concen: 7.077 ug/l

RT: 3.45 min Scan# 707

Delta R.T. 0.00 min

Lab File: VU027360.D

Acq: 03 Oct 2018 13:55

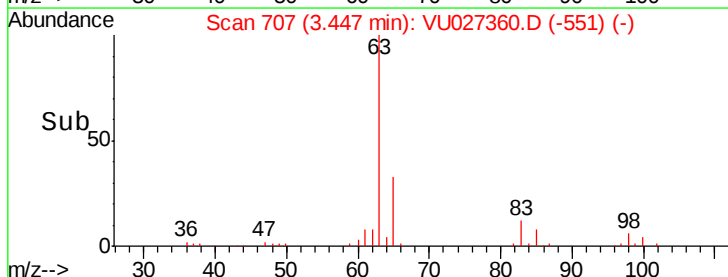
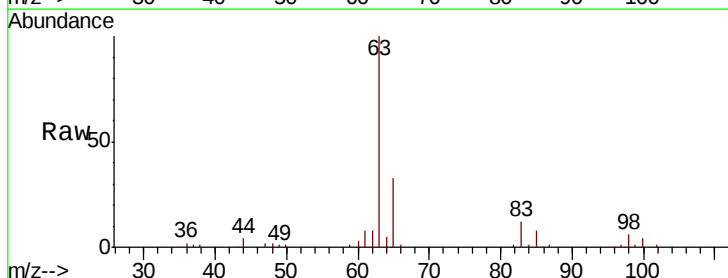
Tgt Ion: 63 Resp: 103254

Ion Ratio Lower Upper

63 100

98 5.8 2.9 8.6

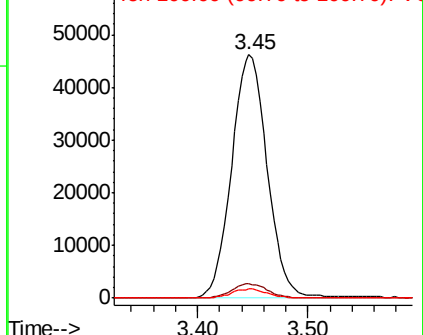
100 3.6 1.8 5.3

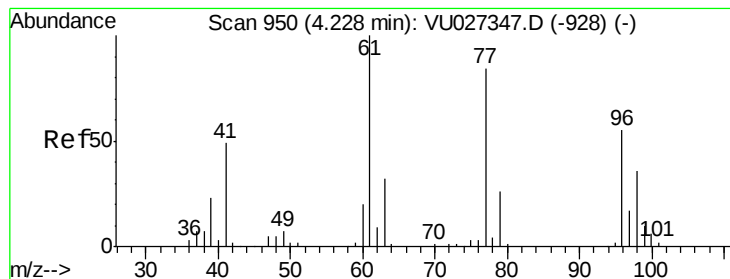


Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#21

2,2-Dichloropropane

Concen: 7.128 ug/l

RT: 4.22 min Scan# 949

Delta R.T. -0.00 min

Lab File: VU027360.D

Acq: 03 Oct 2018 13:55

Instrument :

MSVOA_U

ClientSampleId :

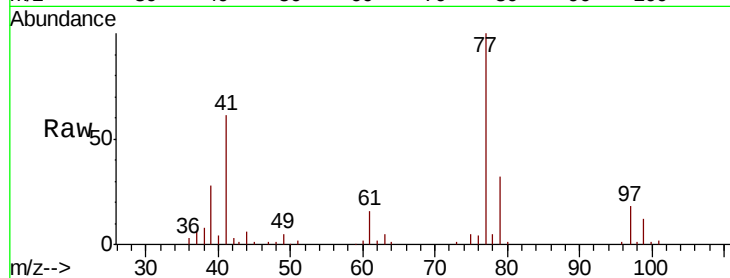
RR-UNRVOA-WS

Tot Ion: 77 Resp: 89063

Ion Ratio Lower Upper

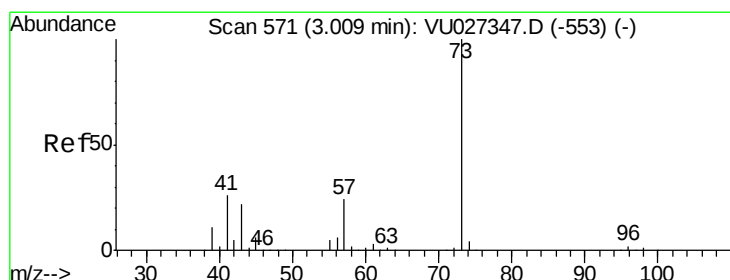
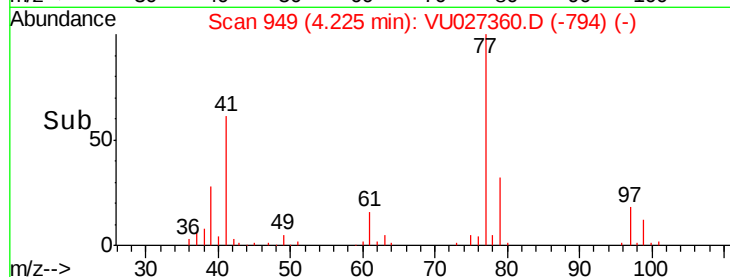
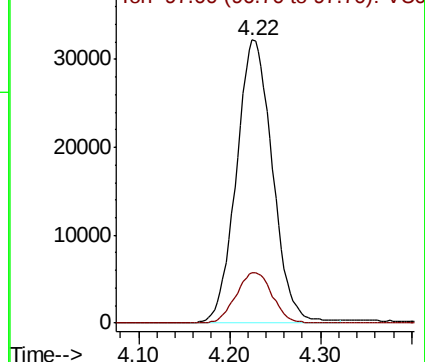
77 100

97 17.8 16.0 24.0



Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#25

Methyl tert-Butyl Ether

Concen: 16.610 ug/l

RT: 3.01 min Scan# 570

Delta R.T. -0.00 min

Lab File: VU027360.D

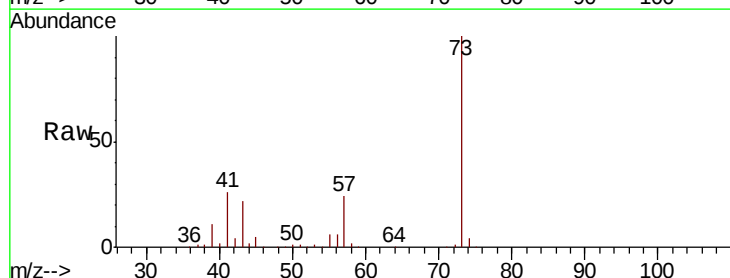
Acq: 03 Oct 2018 13:55

Tgt Ion: 73 Resp: 288049

Ion Ratio Lower Upper

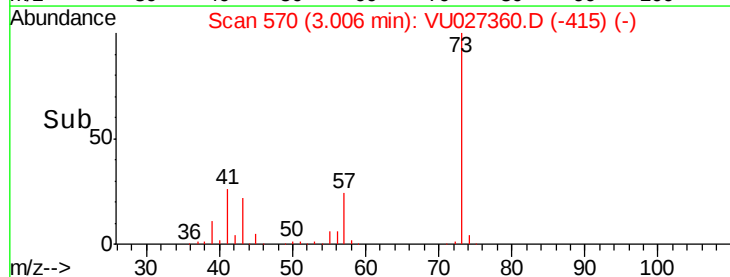
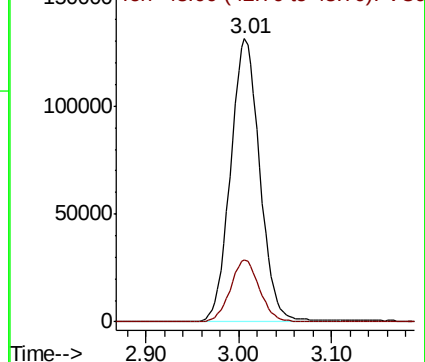
73 100

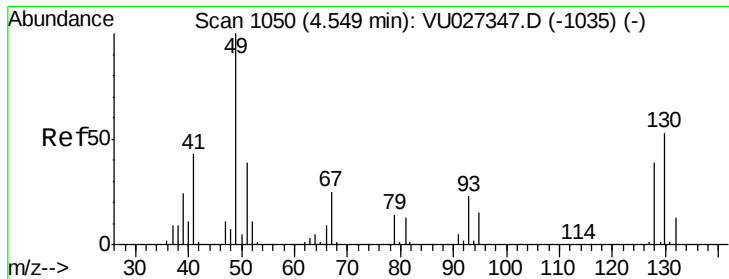
43 21.7 17.6 26.4



Abundance Ion 73.00 (72.70 to 73.70): VU0

Ion 43.00 (42.70 to 43.70): VU0





#26

Bromochloromethane

Concen: 15.402 ug/l

RT: 4.55 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VU027360.D

Acq: 03 Oct 2018 13:55

Instrument :

MSVOA_U

ClientSampleId :

RR-UNRVOA-WS

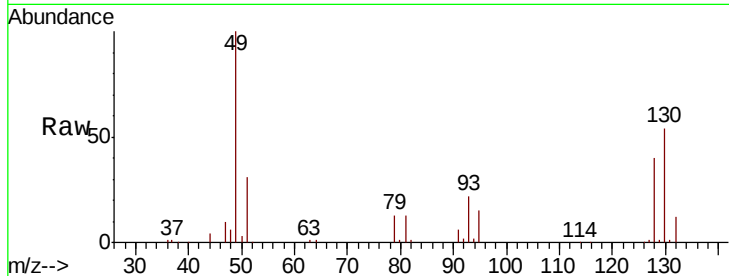
Tot Ion:128 Resp: 41233

Ion Ratio Lower Upper

128 100

49 242.5 0.0 498.8

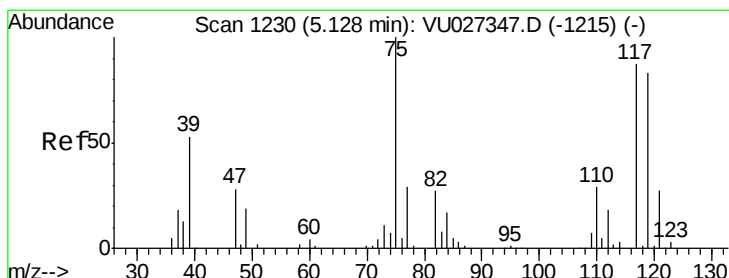
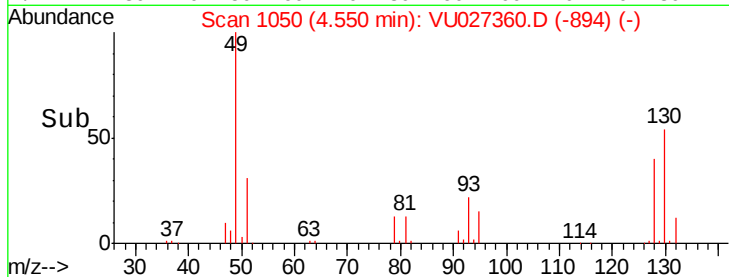
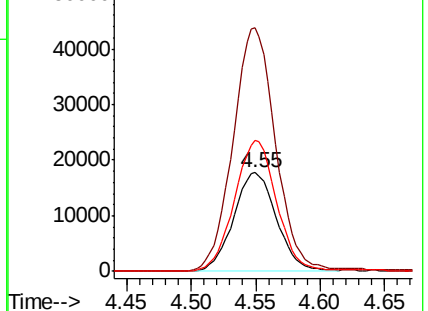
130 130.7 103.8 155.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VU0

Ion 130.00 (129.70 to 130.70): V



#29

1,1-Dichloropropene

Concen: 3.897 ug/l

RT: 5.13 min Scan# 1231

Delta R.T. 0.00 min

Lab File: VU027360.D

Acq: 03 Oct 2018 13:55

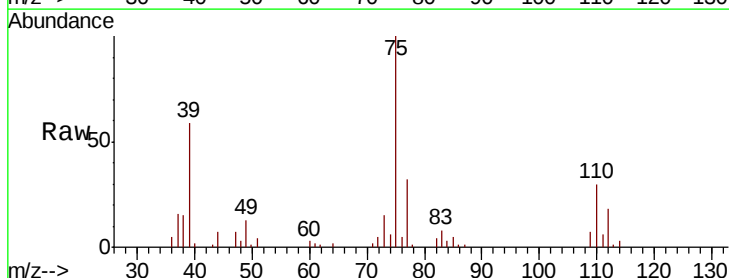
Tgt Ion: 75 Resp: 37920

Ion Ratio Lower Upper

75 100

110 29.1 15.0 45.0

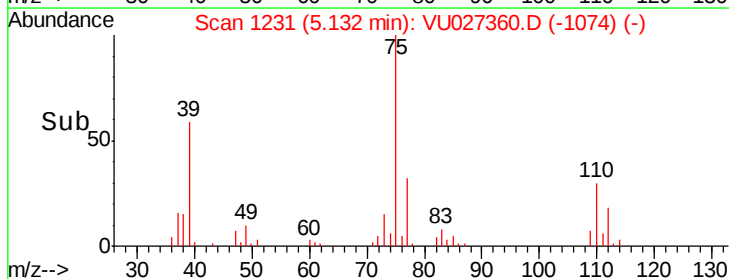
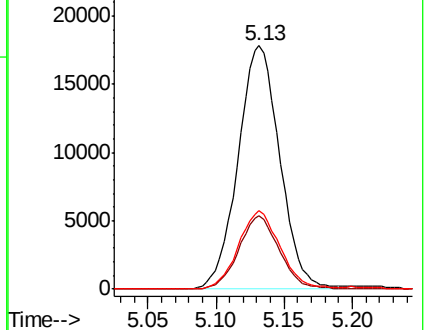
77 32.1 24.2 36.2

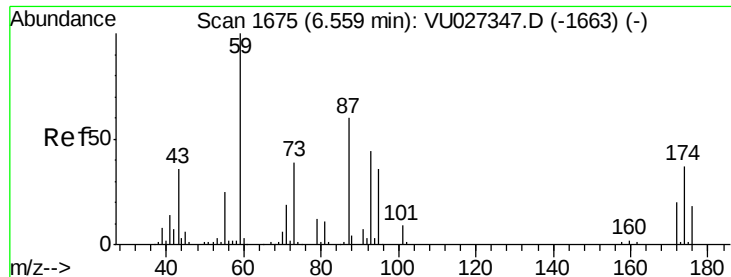


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VU0

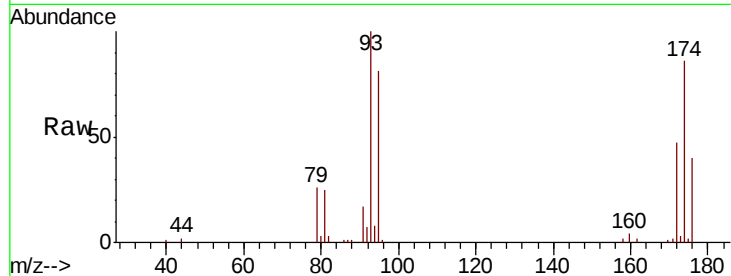




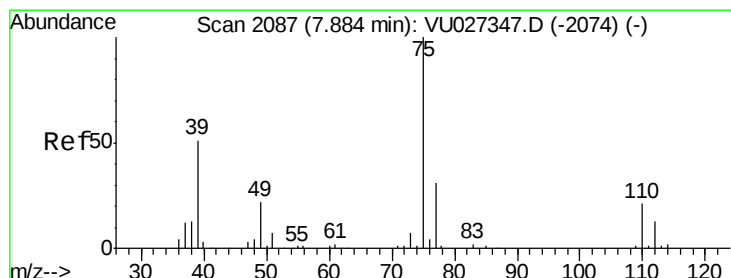
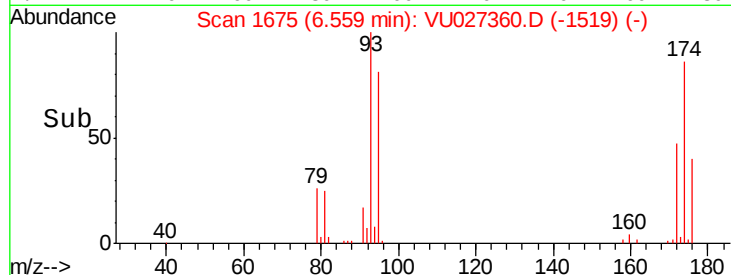
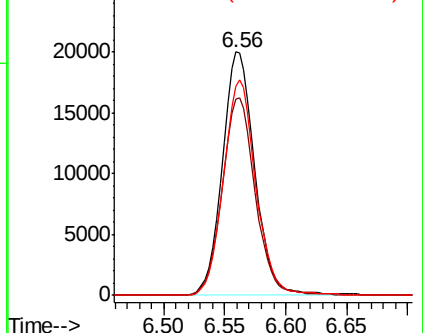
#43
Dibromomethane
Concen: 10.410 ug/l
RT: 6.56 min Scan# 1675
Delta R.T. 0.00 min
Lab File: VU027360.D
Acq: 03 Oct 2018 13:55

Instrument :
MSVOA_U
ClientSampleId :
RR-UNRVOA-WS

Tot Ion: 93 Resp: 37254
Ion Ratio Lower Upper
93 100
95 82.4 64.7 97.1
174 88.3 68.2 102.4

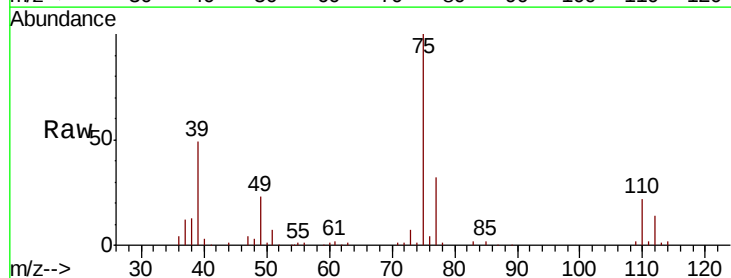


Abundance Ion 93.00 (92.70 to 93.70): VU0
Ion 95.00 (94.70 to 95.70): VU0
Ion 174.00 (173.70 to 174.70): V

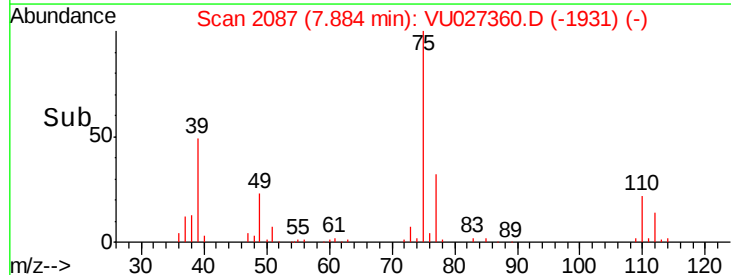
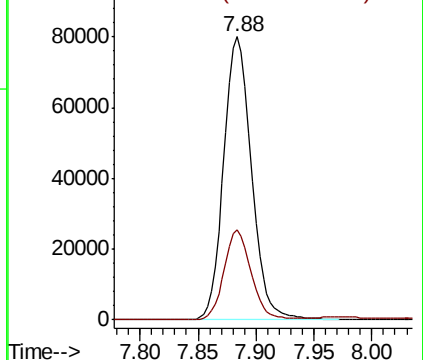


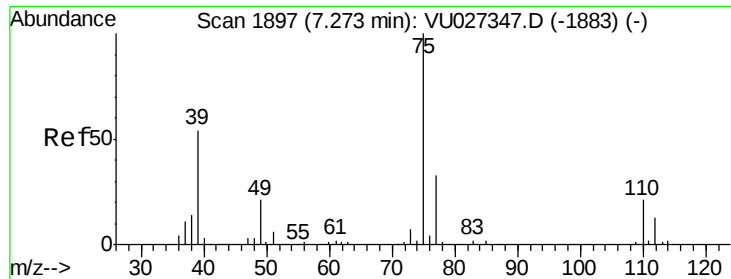
#50
t-1,3-Dichloropropene
Concen: 15.430 ug/l
RT: 7.88 min Scan# 2087
Delta R.T. 0.00 min
Lab File: VU027360.D
Acq: 03 Oct 2018 13:55

Tgt Ion: 75 Resp: 133077
Ion Ratio Lower Upper
75 100
77 31.7 24.6 36.8



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

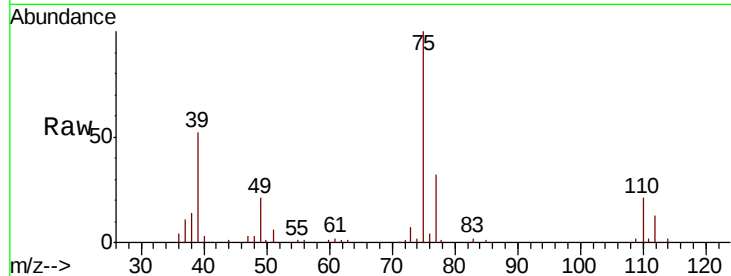




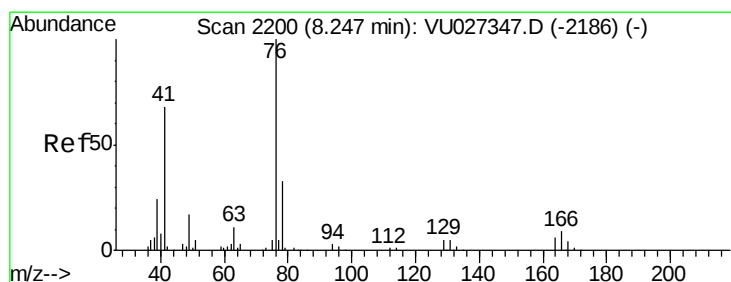
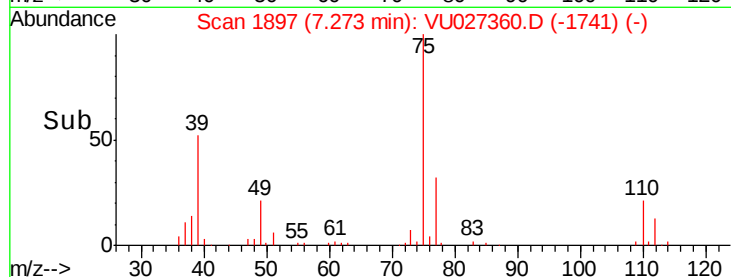
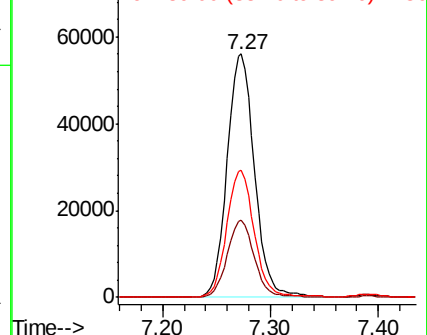
#51
 cis-1,3-Dichloropropene
 Concen: 9.597 ug/l
 RT: 7.27 min Scan# 1897
 Delta R.T. 0.00 min
 Lab File: VU027360.D
 Acq: 03 Oct 2018 13:55

Instrument :
 MSVOA_U
 ClientSampleId :
 RR-UNRVOA-WS

Tot Ion	75	Resp	99170
Ion	Ratio	Lower	Upper
75	100		
77	31.6	26.1	39.1
39	52.2	43.1	64.7

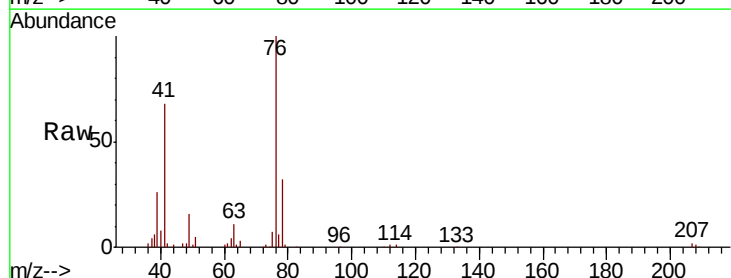


Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0
 Ion 39.00 (38.70 to 39.70): VU0

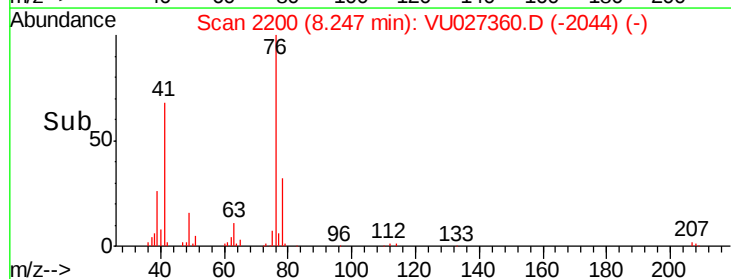
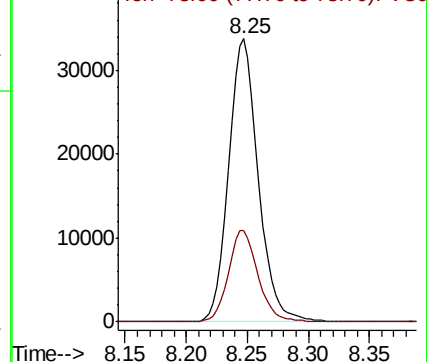


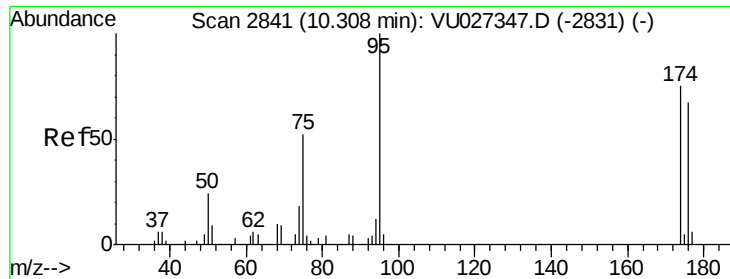
#53
 1,3-Dichloropropane
 Concen: 6.032 ug/l
 RT: 8.25 min Scan# 2200
 Delta R.T. 0.00 min
 Lab File: VU027360.D
 Acq: 03 Oct 2018 13:55

Tgt Ion	76	Resp	57637
Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.7	38.5



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

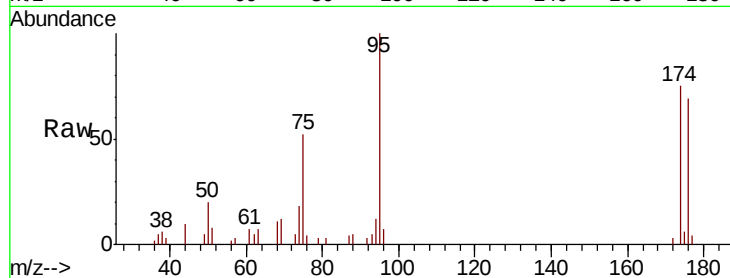




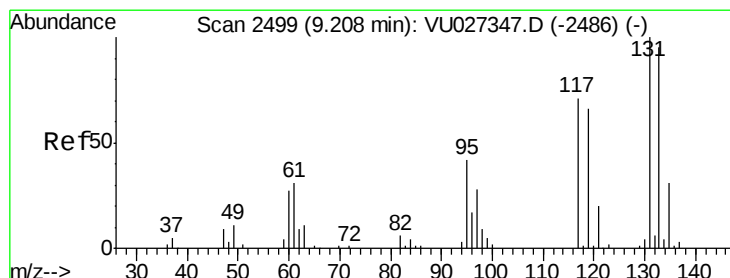
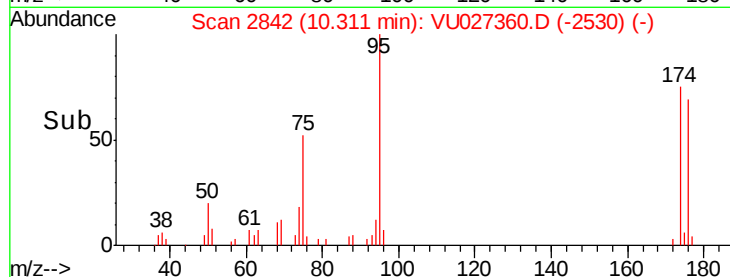
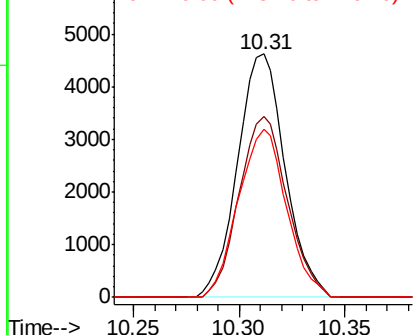
#57
 4-Bromofluorobenzene
 Concen: N.D. ug/l
 RT: 10.31 min Scan# 2842
 Delta R.T. 0.00 min
 Lab File: VU027360.D
 Acq: 03 Oct 2018 13:55

Instrument :
 MSVOA_U
 ClientSampleId :
 RR-UNRVOA-WS

Tot Ion: 95 Resp: 7248
 Ion Ratio Lower Upper
 95 100
 174 75.1 61.0 91.6
 176 69.9 57.2 85.8

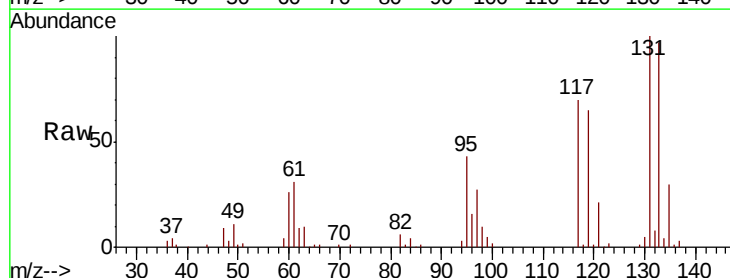


Abundance Ion 95.00 (94.70 to 95.70): VU027360.D (-2530) (-)
 Ion 174.00 (173.70 to 174.70): VU027360.D (-2530) (-)
 Ion 176.00 (175.70 to 176.70): VU027360.D (-2530) (-)

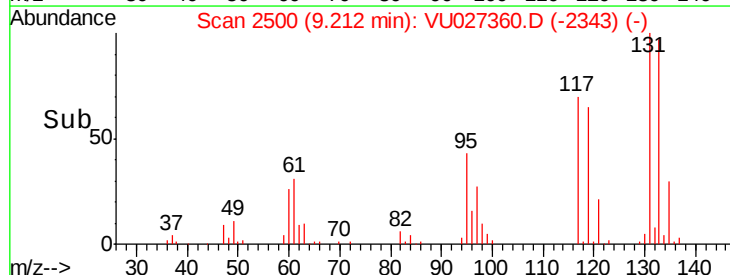
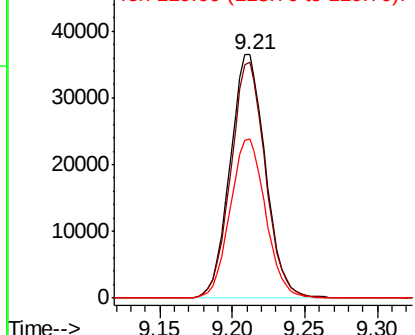


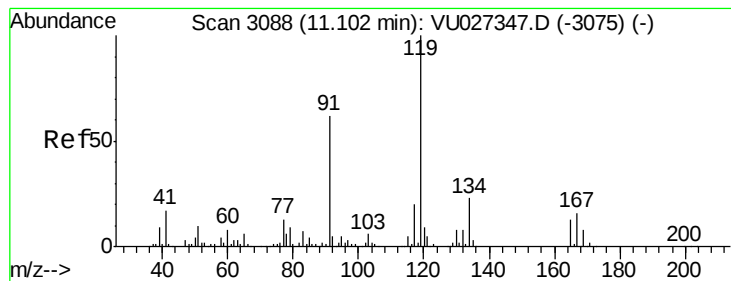
#60
 1,1,1,2-Tetrachloroethane
 Concen: 9.867 ug/l
 RT: 9.21 min Scan# 2500
 Delta R.T. 0.00 min
 Lab File: VU027360.D
 Acq: 03 Oct 2018 13:55

Tgt Ion: 131 Resp: 61538
 Ion Ratio Lower Upper
 131 100
 133 95.3 77.1 115.7
 119 65.6 53.6 80.4



Abundance Ion 131.00 (130.70 to 131.70): VU027360.D (-2343) (-)
 Ion 133.00 (132.70 to 133.70): VU027360.D (-2343) (-)
 Ion 119.00 (118.70 to 119.70): VU027360.D (-2343) (-)





#61

Pentachloroethane

Concen: 3.190 ug/l

RT: 11.10 min Scan# 3087

Delta R.T. -0.00 min

Lab File: VU027360.D

Acq: 03 Oct 2018 13:55

Instrument :

MSVOA_U

ClientSampleId :

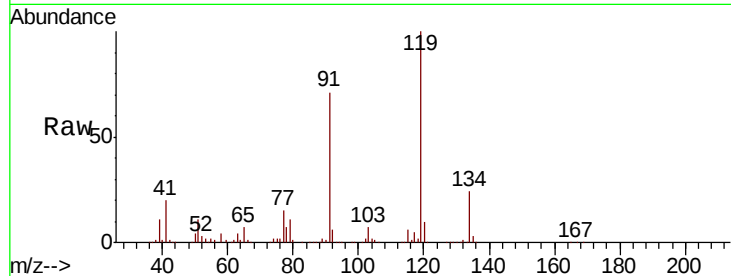
RR-UNRVOA-WS

Tot Ion:117 Resp: 16446

Ion Ratio Lower Upper

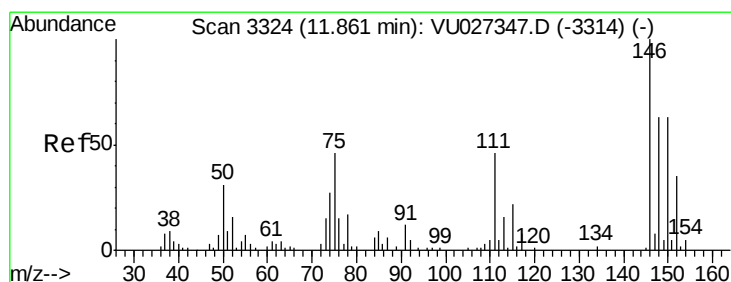
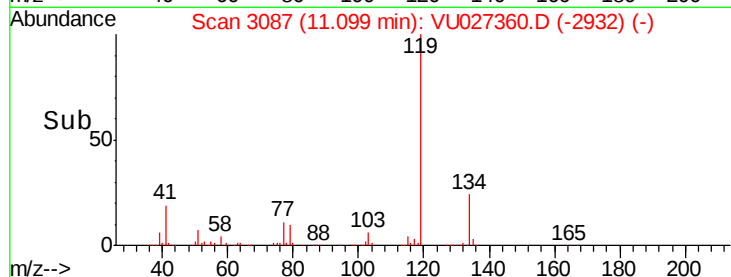
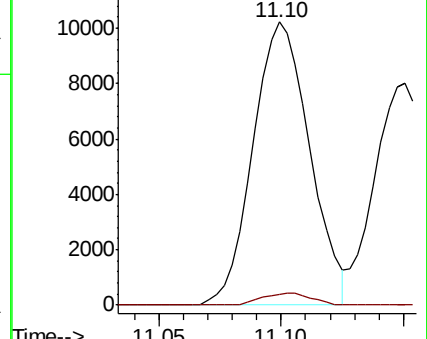
117 100

167 3.6 62.6 93.8#



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: N.D. ug/l

RT: 11.86 min Scan# 3324

Delta R.T. 0.00 min

Lab File: VU027360.D

Acq: 03 Oct 2018 13:55

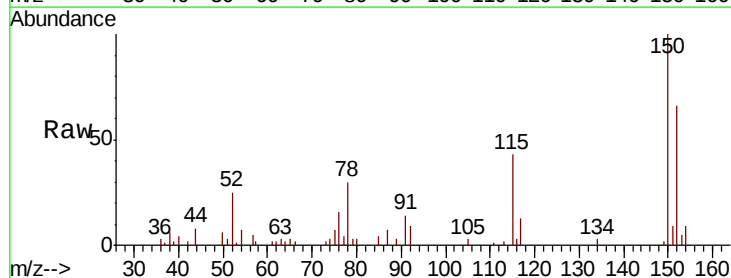
Tgt Ion:152 Resp: 7339

Ion Ratio Lower Upper

152 100

115 63.9 0.0 131.6

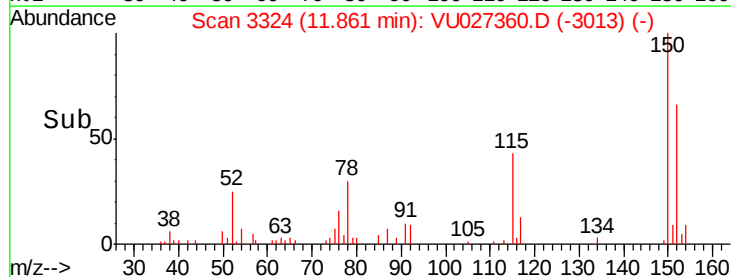
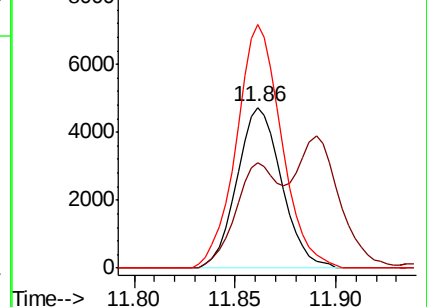
150 153.2 0.0 0.0#

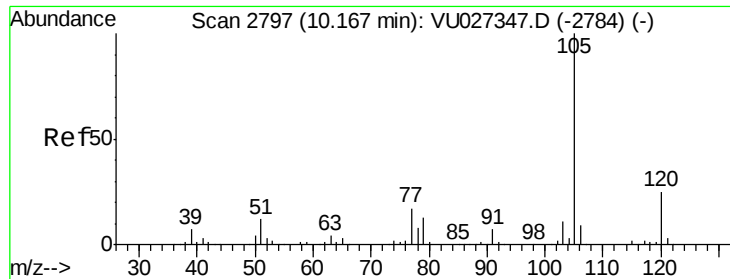


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 5.716 ug/l

RT: 10.17 min Scan# 2798

Delta R.T. 0.00 min

Lab File: VU027360.D

Acq: 03 Oct 2018 13:55

Instrument :

MSVOA_U

ClientSampleId :

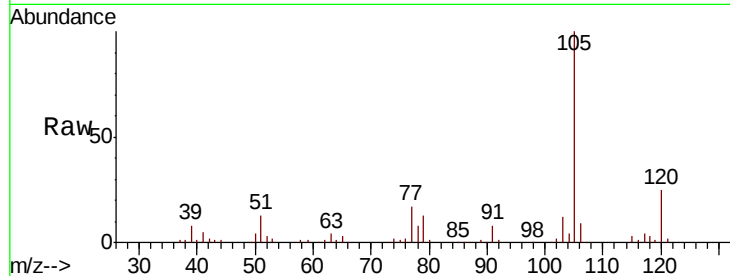
RR-UNRVOA-WS

Tot Ion:105 Resp: 149381

Ion Ratio Lower Upper

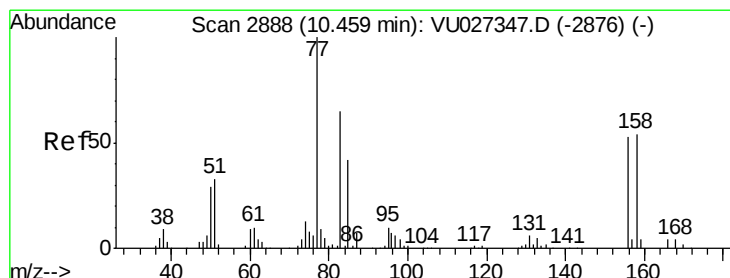
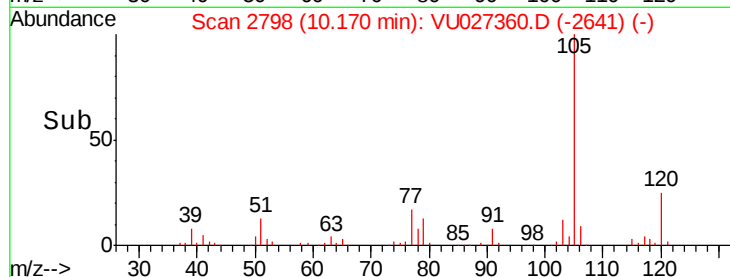
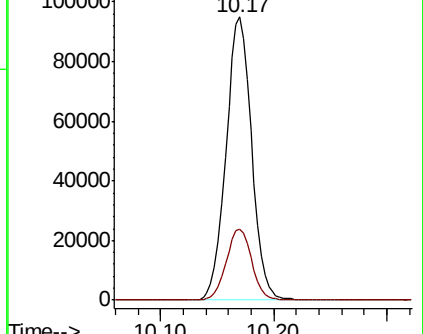
105 100

120 25.0 12.7 38.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#70

1,1,2,2-Tetrachloroethane

Concen: 16.635 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. 0.00 min

Lab File: VU027360.D

Acq: 03 Oct 2018 13:55

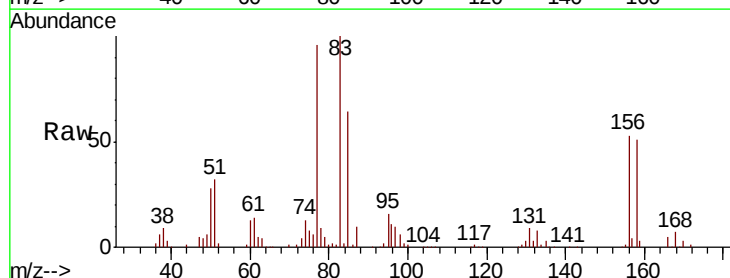
Tgt Ion: 83 Resp: 113178

Ion Ratio Lower Upper

83 100

131 8.4 7.0 10.6

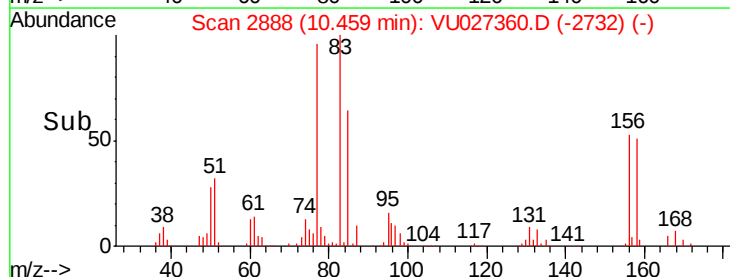
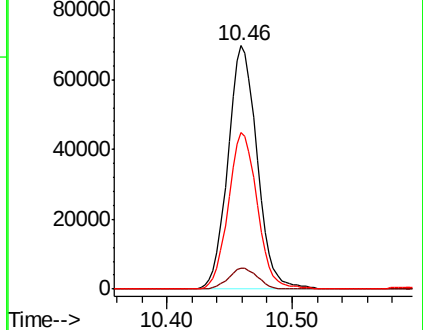
85 63.8 51.4 77.0

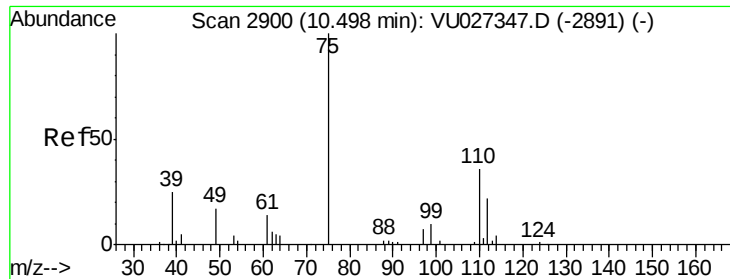


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0

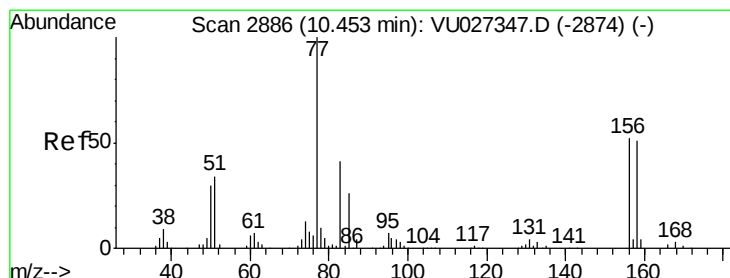
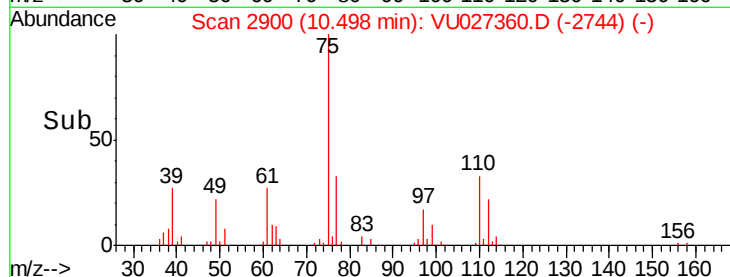
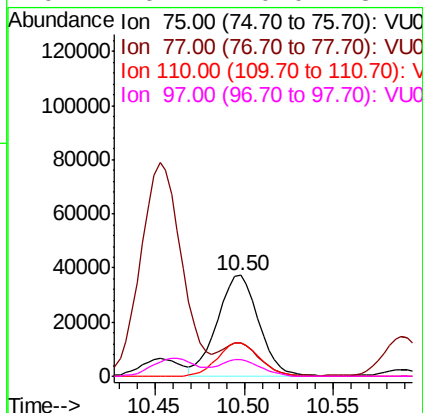
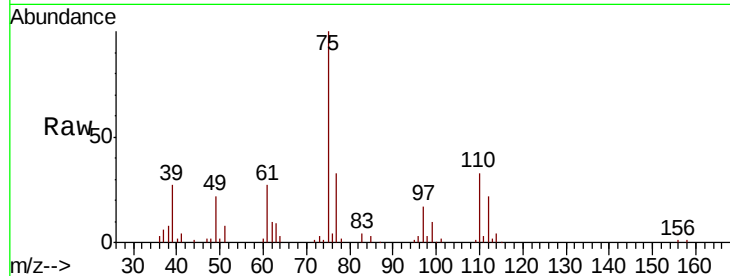




#71
 1,2,3-Trichloropropane
 Concen: 11.471 ug/l
 RT: 10.50 min Scan# 2900
 Delta R.T. 0.00 min
 Lab File: VU027360.D
 Acq: 03 Oct 2018 13:55

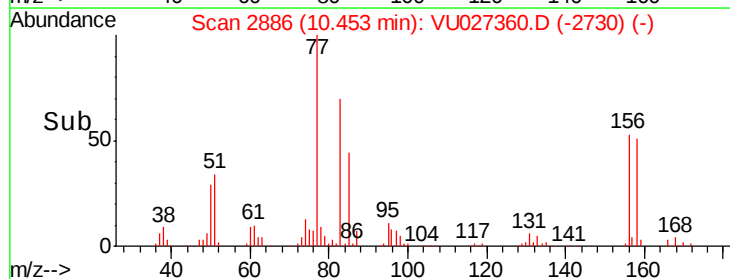
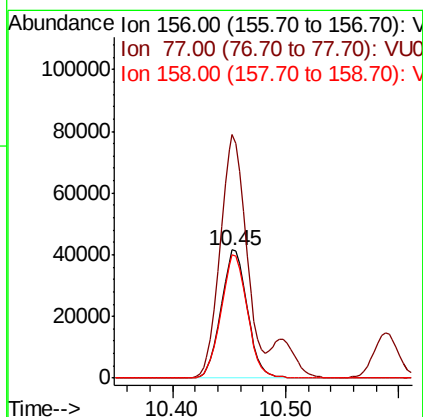
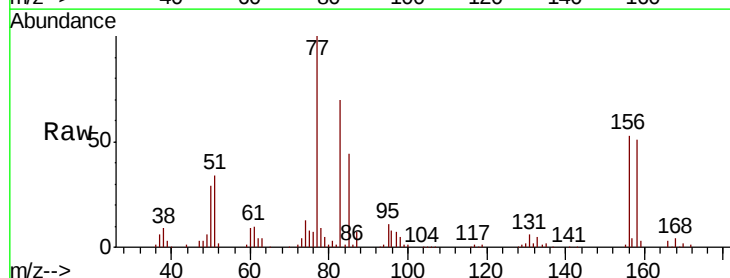
Instrument :
 MSVOA_U
 ClientSampleId :
 RR-UNRVOA-WS

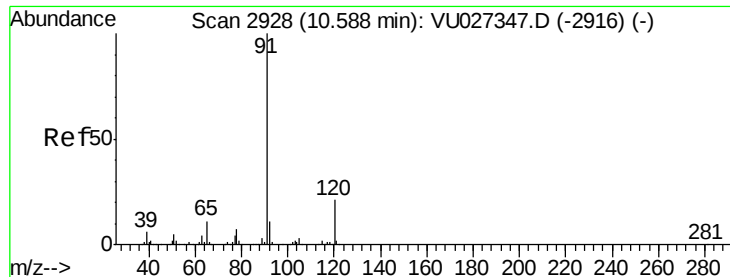
Tot Ion:	75	Resp:	60221
Ion	Ratio	Lower	Upper
75	100		
77	28.5	0.0	16.6#
110	33.6	0.0	65.4
97	16.7	0.0	31.4



#72
 Bromobenzene
 Concen: 10.646 ug/l
 RT: 10.45 min Scan# 2886
 Delta R.T. 0.00 min
 Lab File: VU027360.D
 Acq: 03 Oct 2018 13:55

Tgt Ion:	156	Resp:	67132
Ion	Ratio	Lower	Upper
156	100		
77	189.6	0.0	387.6
158	96.3	0.0	196.2

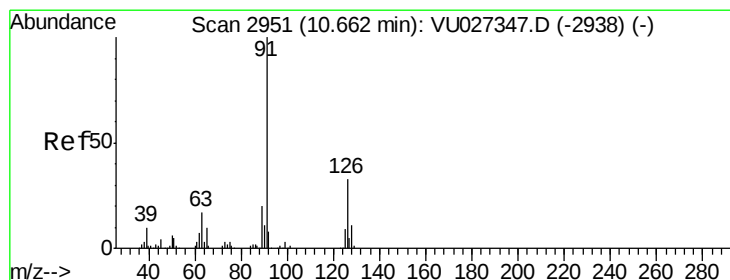
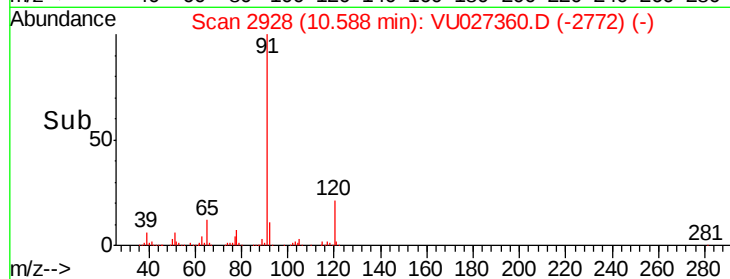
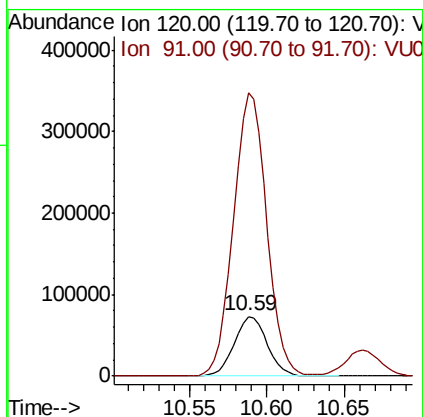
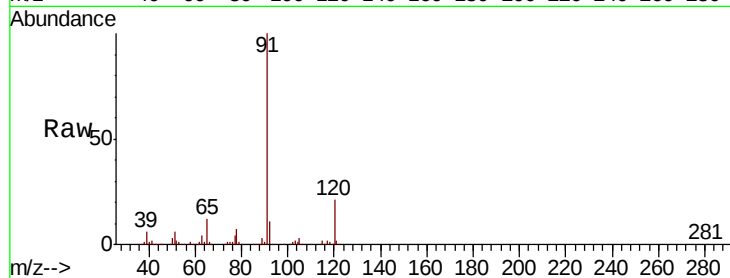




#73
n-propylbenzene
Concen: 15.332 ug/l
RT: 10.59 min Scan# 2928
Delta R.T. 0.00 min
Lab File: VU027360.D
Acq: 03 Oct 2018 13:55

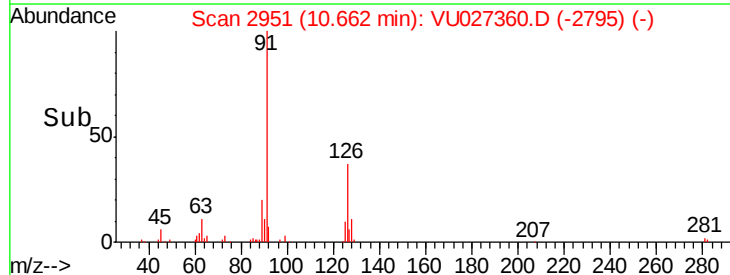
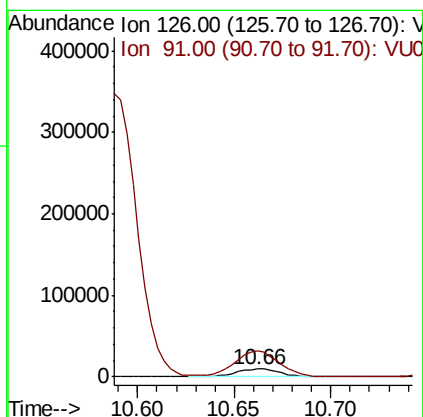
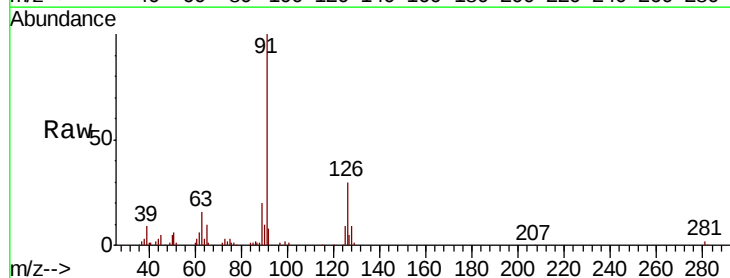
Instrument :
MSVOA_U
ClientSampleId :
RR-UNRVOA-WS

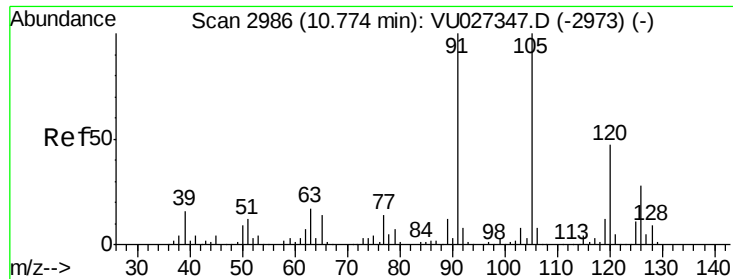
Tot Ion:120 Resp: 107901
Ion Ratio Lower Upper
120 100
91 478.9 381.4 572.0



#74
2-Chlorotoluene
Concen: 2.372 ug/l
RT: 10.66 min Scan# 2951
Delta R.T. 0.00 min
Lab File: VU027360.D
Acq: 03 Oct 2018 13:55

Tgt Ion:126 Resp: 15260
Ion Ratio Lower Upper
126 100
91 331.8 0.0 639.0





#75

1,3,5-Trimethylbenzene

Concen: 14.894 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. 0.00 min

Lab File: VU027360.D

Acq: 03 Oct 2018 13:55

Instrument :

MSVOA_U

ClientSampleId :

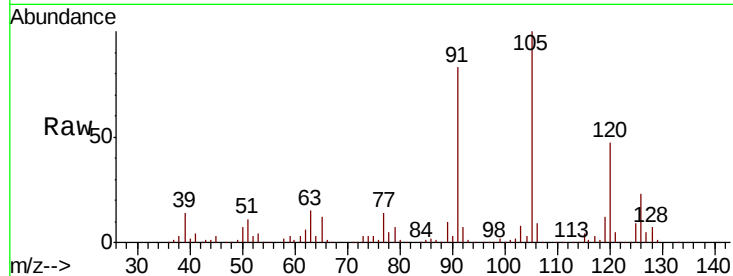
RR-UNRVOA-WS

Tot Ion:105 Resp: 346269

Ion Ratio Lower Upper

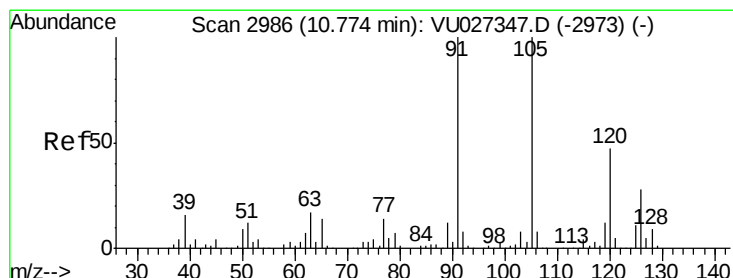
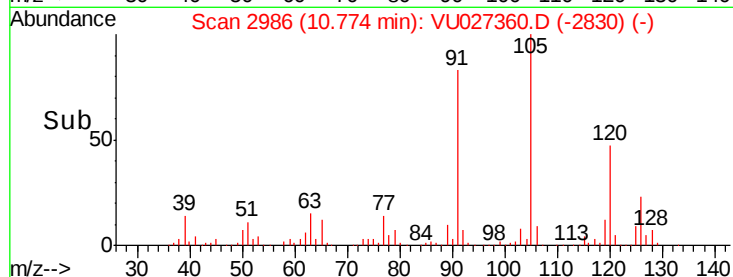
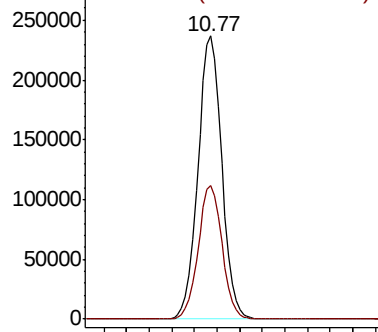
105 100

120 47.4 37.8 56.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

4-Chlorotoluene

Concen: 12.410 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. 0.00 min

Lab File: VU027360.D

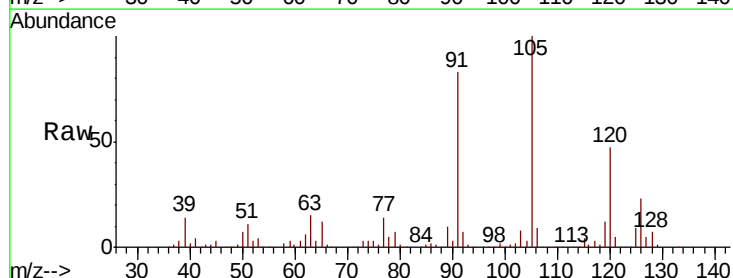
Acq: 03 Oct 2018 13:55

Tgt Ion:126 Resp: 81901

Ion Ratio Lower Upper

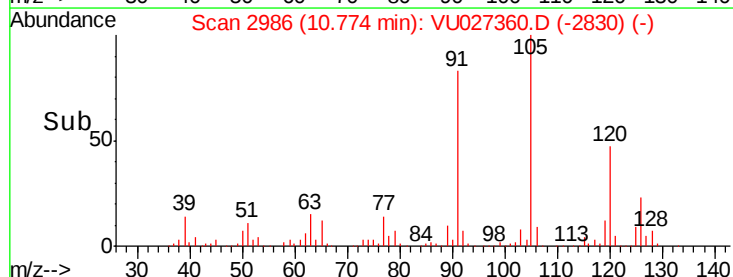
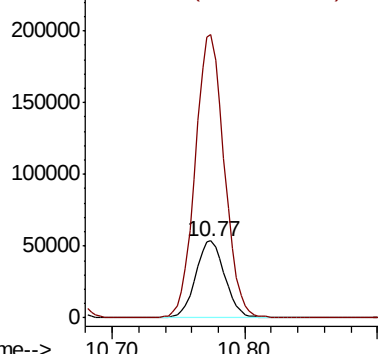
126 100

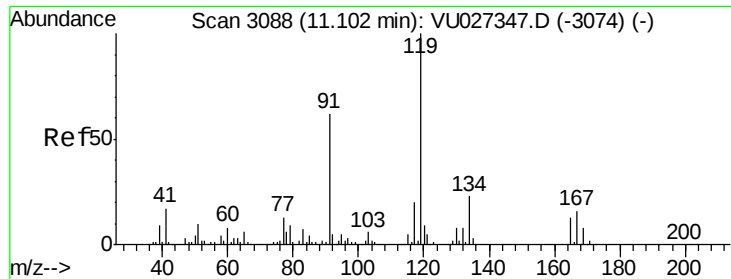
91 363.4 0.0 720.8



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#77

tert-Butylbenzene

Concen: 14.466 ug/l

RT: 11.10 min Scan# 3088

Delta R.T. 0.00 min

Lab File: VU027360.D

Acq: 03 Oct 2018 13:55

Instrument :

MSVOA_U

ClientSampleId :

RR-UNRVOA-WS

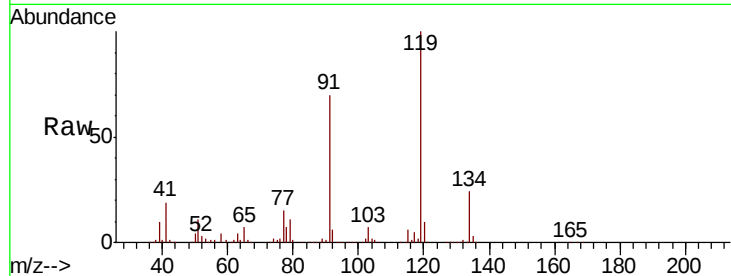
Tot Ion:119 Resp: 317550

Ion Ratio Lower Upper

119 100

91 70.8 31.4 94.3

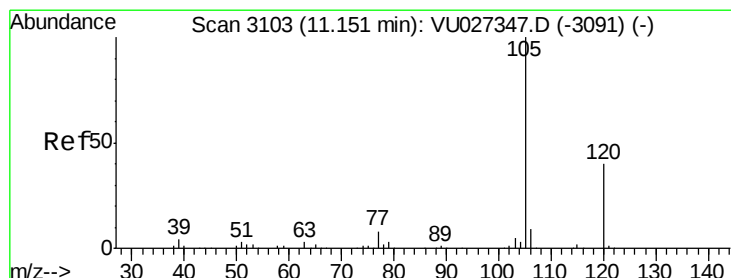
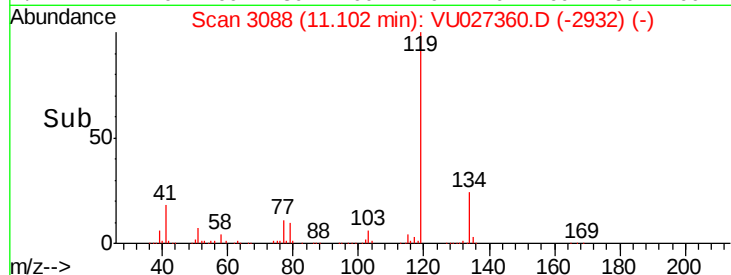
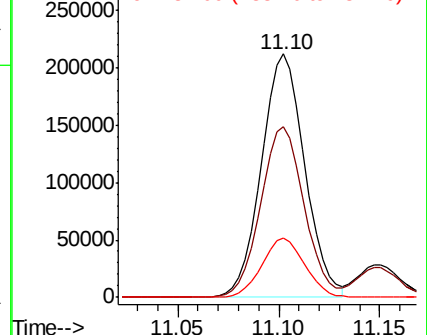
134 24.1 18.7 28.1



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: 12.159 ug/l

RT: 11.15 min Scan# 3103

Delta R.T. 0.00 min

Lab File: VU027360.D

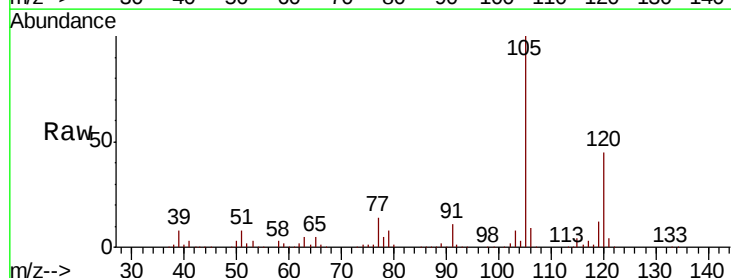
Acq: 03 Oct 2018 13:55

Tgt Ion:105 Resp: 353758

Ion Ratio Lower Upper

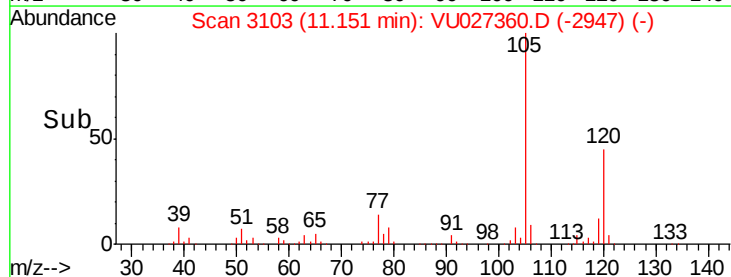
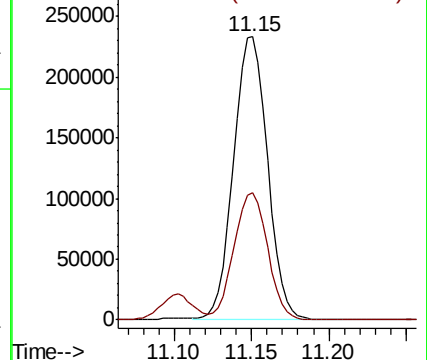
105 100

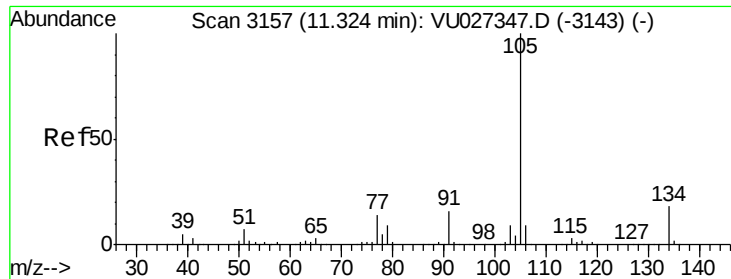
120 44.7 21.9 65.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

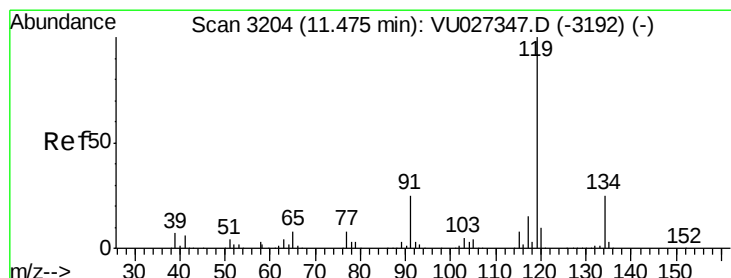
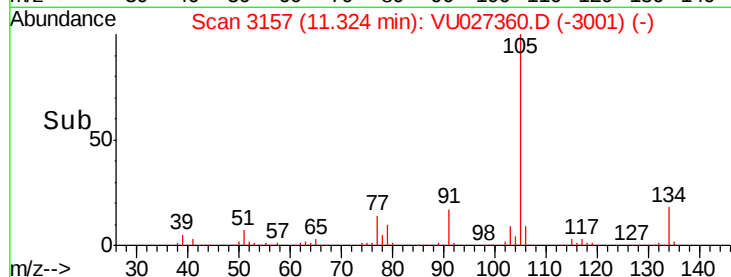
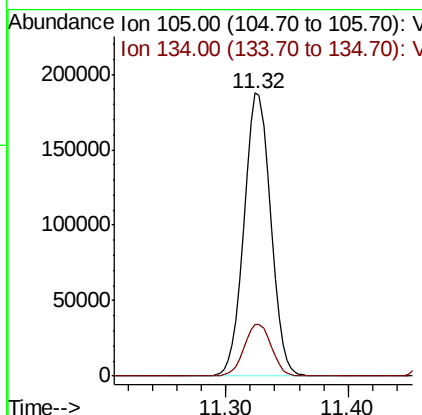
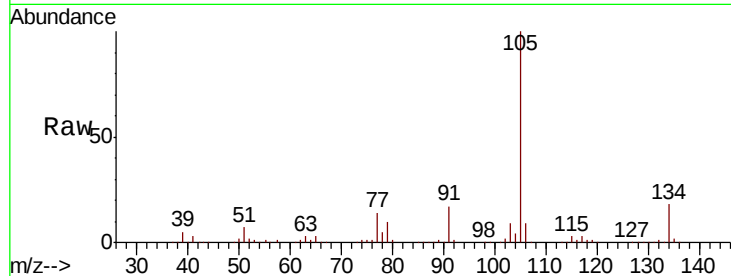




#79
 sec-Butylbenzene
 Concen: 9.338 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: VU027360.D
 Acq: 03 Oct 2018 13:55

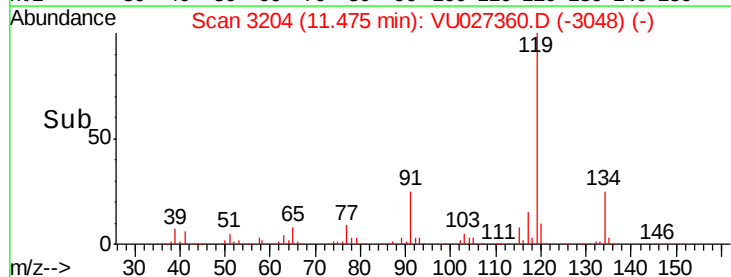
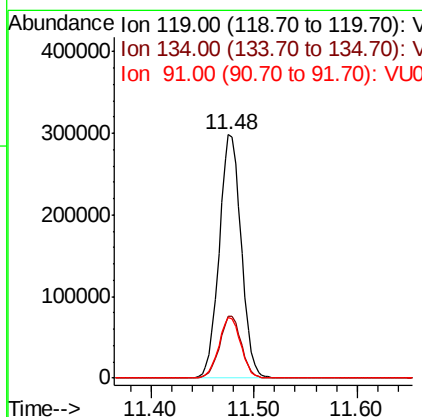
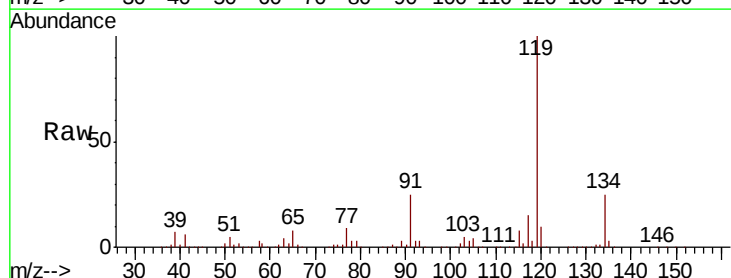
Instrument :
 MSVOA_U
 ClientSampleId :
 RR-UNRVOA-WS

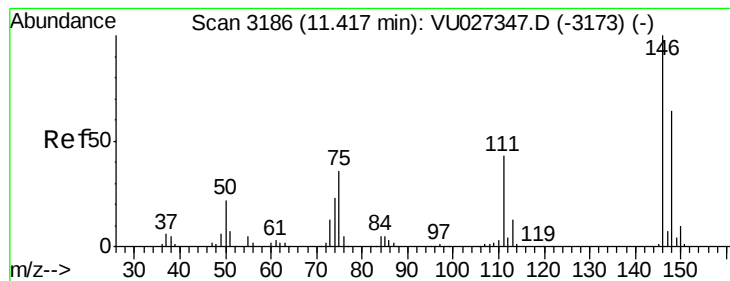
Tot Ion:105 Resp: 281222
 Ion Ratio Lower Upper
 105 100
 134 18.8 14.8 22.2



#81
 p-Isopropyltoluene
 Concen: 14.230 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. 0.00 min
 Lab File: VU027360.D
 Acq: 03 Oct 2018 13:55

Tgt Ion:119 Resp: 440413
 Ion Ratio Lower Upper
 119 100
 134 25.2 20.2 30.2
 91 24.7 19.6 29.4





#82

1,3-Dichlorobenzene

Concen: 15.834 ug/l

RT: 11.42 min Scan# 3186

Delta R.T. 0.00 min

Lab File: VU027360.D

Acq: 03 Oct 2018 13:55

Instrument :

MSVOA_U

ClientSampleId :

RR-UNRVOA-WS

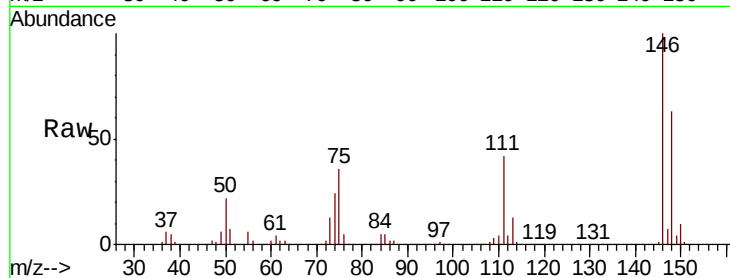
Tot Ion:146 Resp: 210265

Ion Ratio Lower Upper

146 100

111 41.9 34.3 51.5

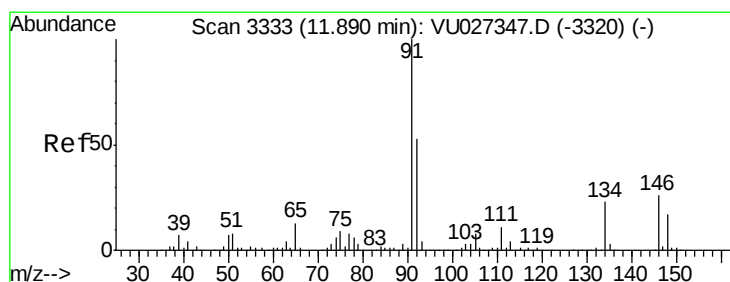
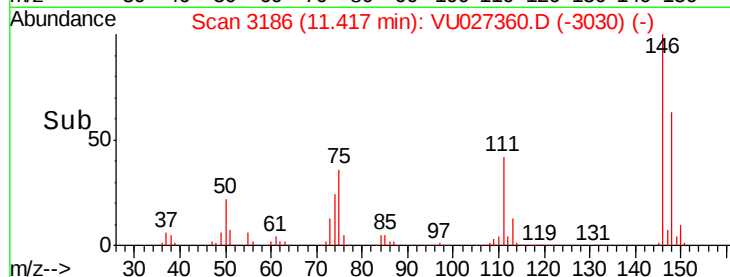
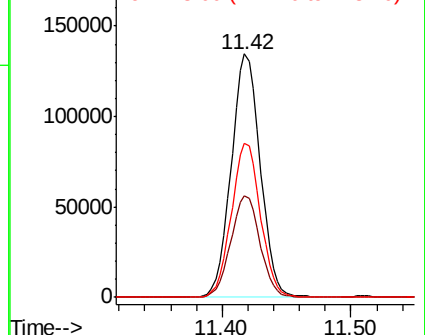
148 63.7 51.2 76.8



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#84

n-Butylbenzene

Concen: 6.150 ug/l

RT: 11.89 min Scan# 3333

Delta R.T. 0.00 min

Lab File: VU027360.D

Acq: 03 Oct 2018 13:55

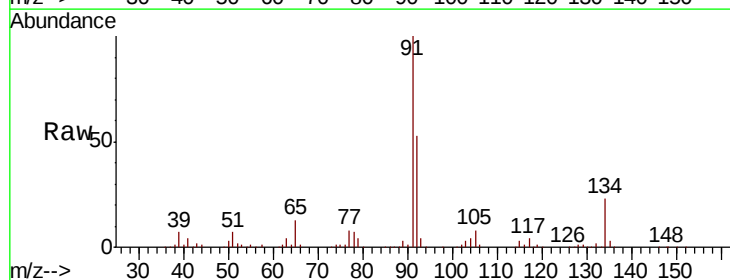
Tgt Ion: 91 Resp: 171885

Ion Ratio Lower Upper

91 100

92 52.6 42.2 63.2

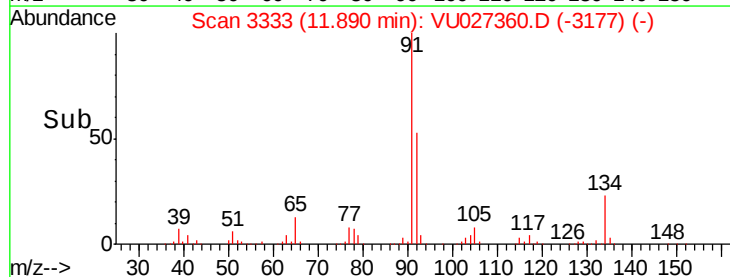
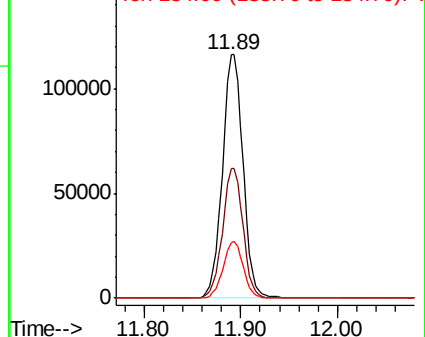
134 22.7 18.2 27.4

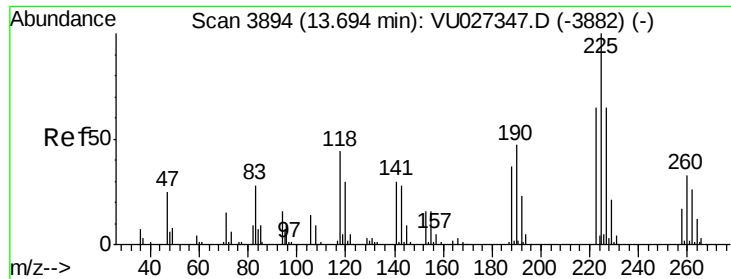


Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0

Ion 134.00 (133.70 to 134.70): V

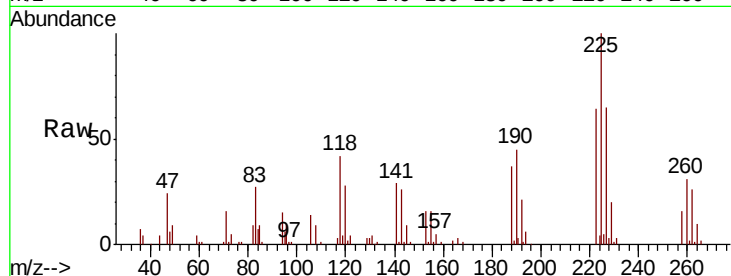




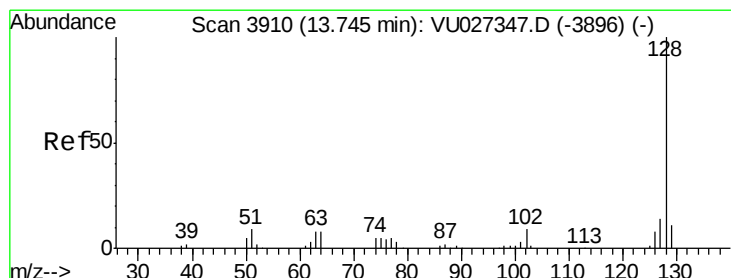
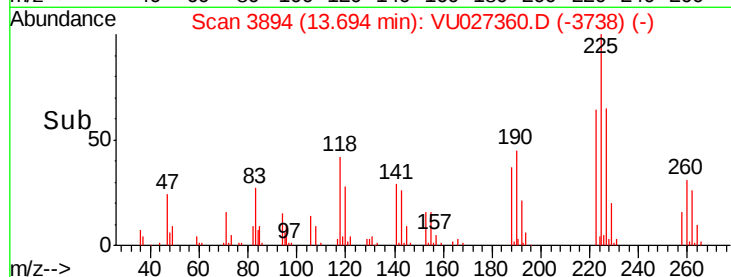
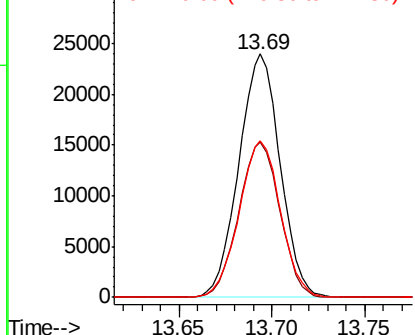
#88
Hexachlorobutadiene
Concen: 7.166 ug/l
RT: 13.69 min Scan# 3894
Delta R.T. 0.00 min
Lab File: VU027360.D
Acq: 03 Oct 2018 13:55

Instrument :
MSVOA_U
ClientSampleId :
RR-UNRVOA-WS

Tot Ion:225 Resp: 36917
Ion Ratio Lower Upper
225 100
223 63.5 51.4 77.0
227 64.4 52.3 78.5

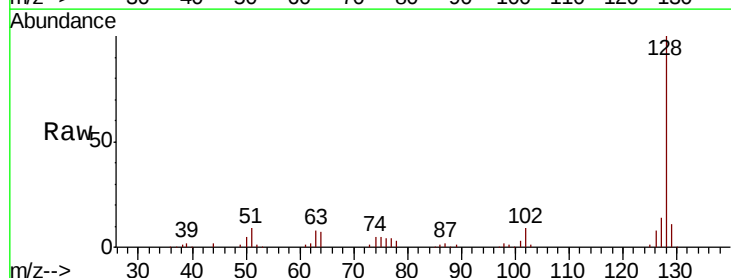


Abundance Ion 224.60 (224.30 to 225.30): V
Ion 222.60 (222.30 to 223.30): V
Ion 226.60 (226.30 to 227.30): V

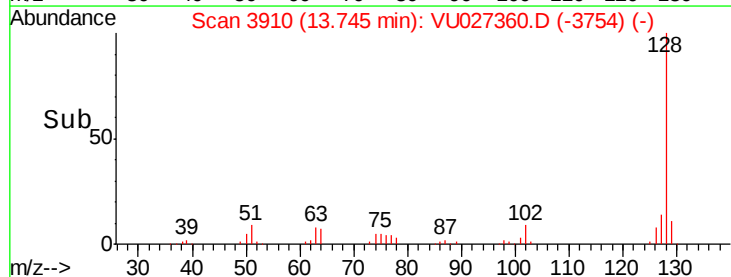
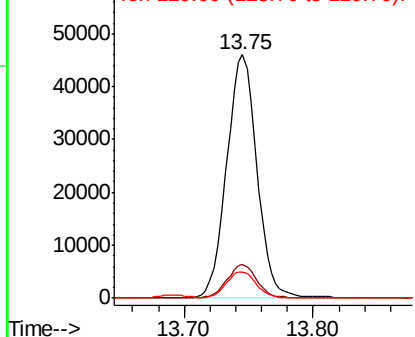


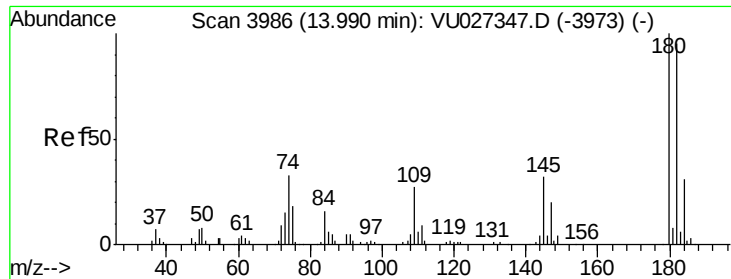
#89
Naphthalene
Concen: 5.459 ug/l
RT: 13.75 min Scan# 3910
Delta R.T. 0.00 min
Lab File: VU027360.D
Acq: 03 Oct 2018 13:55

Tgt Ion:128 Resp: 74986
Ion Ratio Lower Upper
128 100
127 13.6 10.7 16.1
129 10.7 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: 14.424 ug/l

RT: 13.99 min Scan# 3985

Delta R.T. -0.00 min

Lab File: VU027360.D

Acq: 03 Oct 2018 13:55

Instrument :

MSVOA_U

ClientSampleId :

RR-UNRVOA-WS

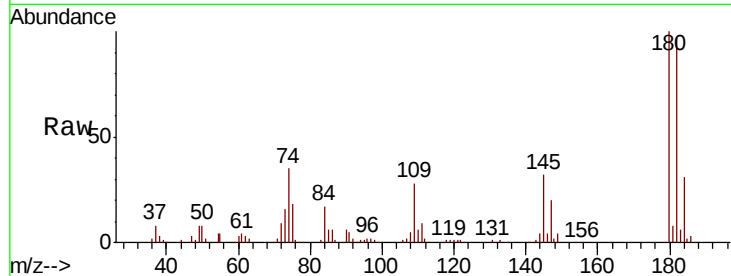
Tot Ion:180 Resp: 111097

Ion Ratio Lower Upper

180 100

182 96.6 76.2 114.4

145 31.8 25.8 38.8



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

