

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100318\
 Data File : VU027352.D
 Acq On : 02 Oct 2018 19:49
 Operator : MD/SY
 Sample : J4965-01DL 2X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RR-UNRVOA-WSDL

Quant Time: Oct 03 09:38:34 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

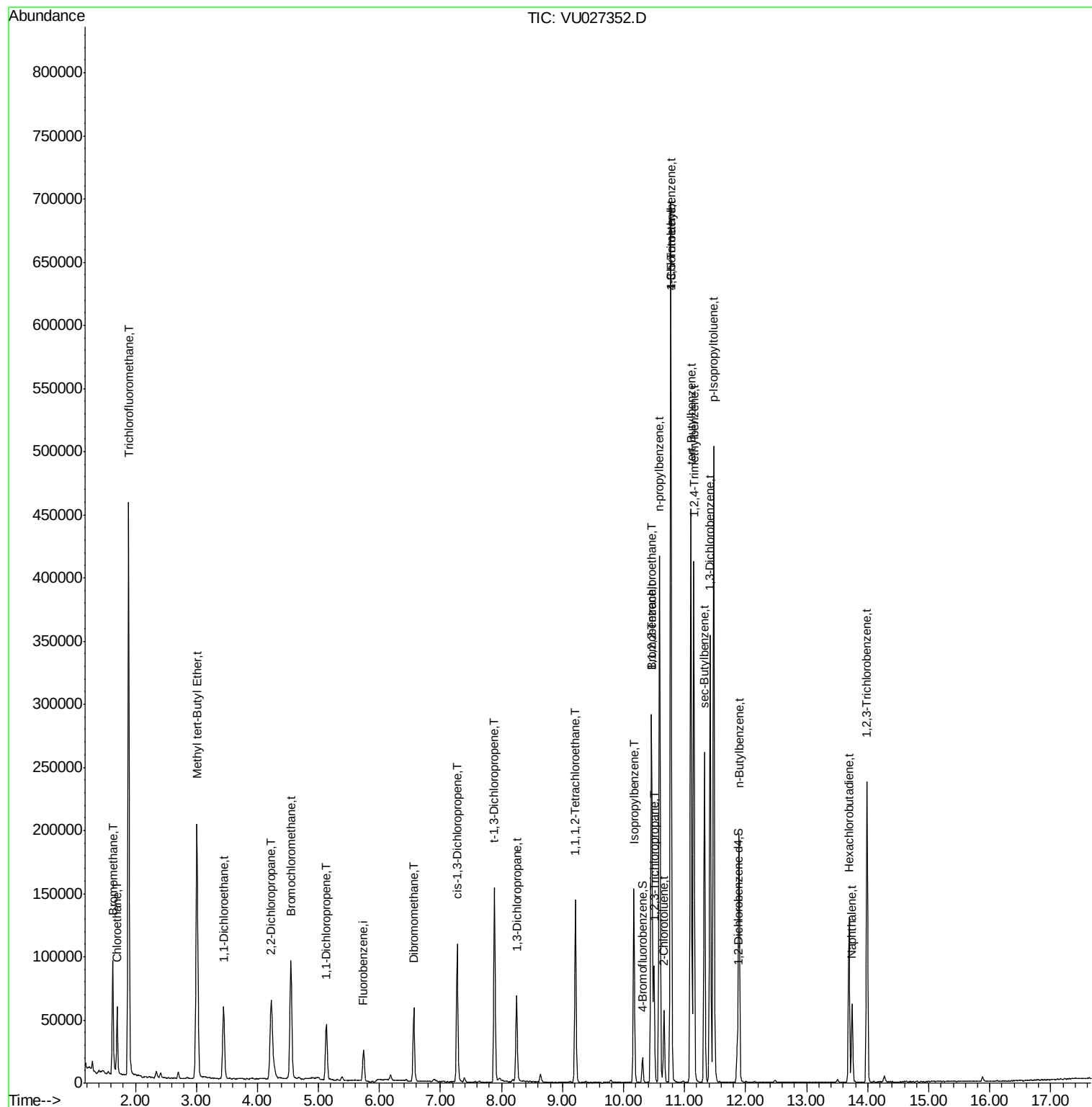
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	5.74	96	21952	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	6847	0.82	ug/l	0.00
Spiked Amount 1.000			Recovery	=	82.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	6949	0.98	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.00%	
Target Compounds						
					Ovalue	
5) Bromomethane	1.63	94	40911	11.244	ug/l	99
6) Chloroethane	1.70	64	37941	6.725	ug/l	97
7) Trichlorofluoromethane	1.89	101	289444	28.716	ug/l	99
13) Acetone	2.33	43	1525	Below Cal	#	79
17) 1,1-Dichloroethane	3.45	63	63094	4.551	ug/l	100
21) 2,2-Dichloropropane	4.22	77	52882	4.454	ug/l	94
25) Methyl tert-Butyl Ether	3.01	73	198331	12.035	ug/l	99
26) Bromochloromethane	4.55	128	25908	10.184	ug/l	95
29) 1,1-Dichloropropene	5.13	75	24520	2.652	ug/l	96
41) Tetrahydrofuran	4.67	42	720	Below Cal	#	48
43) Dibromomethane	6.56	93	23335	6.862	ug/l	97
50) t-1,3-Dichloropropene	7.88	75	80768	9.855	ug/l	99
51) cis-1,3-Dichloropropene	7.27	75	61405	6.254	ug/l	99
53) 1,3-Dichloropropane	8.25	76	36264	3.994	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.21	131	37020	6.246	ug/l	98
69) Isopropylbenzene	10.17	105	86783	3.494	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.46	83	72746	11.252	ug/l	99
71) 1,2,3-Trichloropropane	10.50	75	38190	7.656	ug/l	# 90
72) Bromobenzene	10.45	156	40192	6.708	ug/l	98
73) n-propylbenzene	10.59	120	62369	9.326	ug/l	98
74) 2-Chlorotoluene	10.66	126	9072	1.484	ug/l	88
75) 1,3,5-Trimethylbenzene	10.77	105	206494	9.347	ug/l	100
76) 4-Chlorotoluene	10.77	126	49118	7.832	ug/l	98
77) tert-Butylbenzene	11.10	119	186484	8.940	ug/l	92
78) 1,2,4-Trimethylbenzene	11.15	105	213191	8.052	ug/l	100
79) sec-Butylbenzene	11.32	105	165357	5.778	ug/l	99
81) p-Isopropyltoluene	11.48	119	260573	9.404	ug/l	99
82) 1,3-Dichlorobenzene	11.42	146	130054	10.306	ug/l	99
84) n-Butylbenzene	11.89	91	100582	3.999	ug/l	99
88) Hexachlorobutadiene	13.69	225	23046	4.708	ug/l	100
89) Naphthalene	13.75	128	47059	3.605	ug/l	99
90) 1,2,3-Trichlorobenzene	13.99	180	67857	9.271	ug/l	99
-----	-----	-----	-----	-----	-----	-----

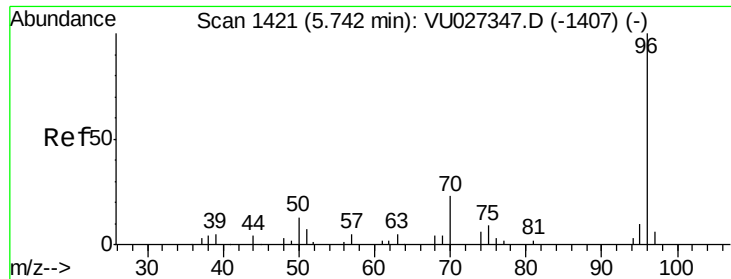
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU100318\
Data File : VU027352.D
Acq On : 02 Oct 2018 19:49
Operator : MD/SY
Sample : J4965-01DL 2X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
RR-UNRVOA-WSDL

Quant Time: Oct 03 09:38:34 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: VU027352.D

Acq: 02 Oct 2018 19:49

Instrument :

MSVOA_U

ClientSampleId :

RR-UNRVOA-WSDL

Tot Ion: 96 Resp: 21952

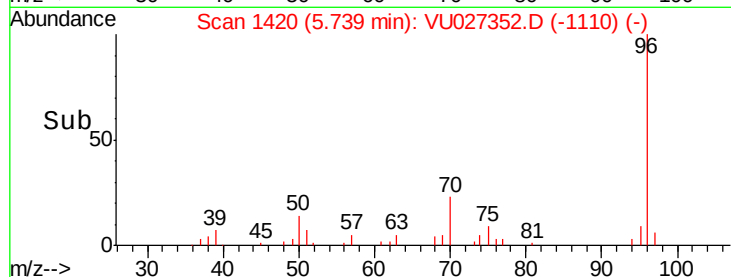
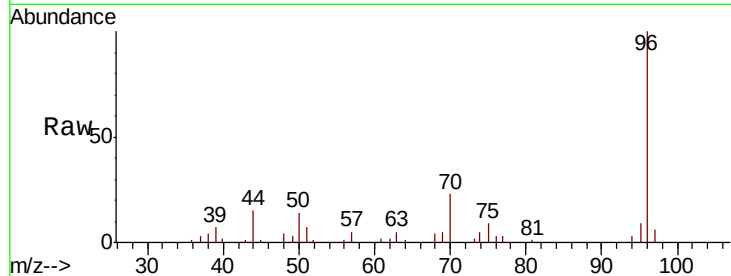
Ion Ratio Lower Upper

96 100

70 21.9 19.2 28.8

95 7.8 7.7 11.5

97 5.8 0.0 0.0#

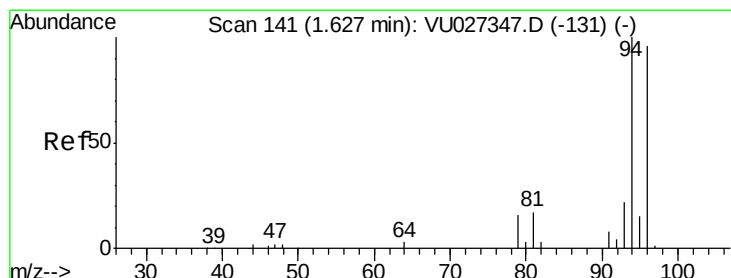
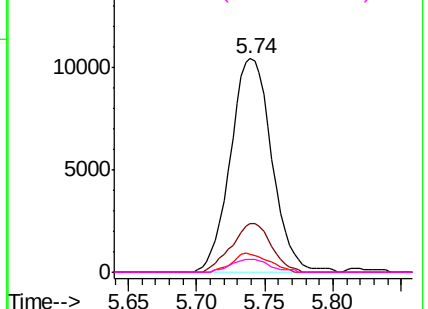


Abundance Ion 96.00 (95.70 to 96.70): VU0

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: 11.244 ug/l

RT: 1.63 min Scan# 142

Delta R.T. 0.00 min

Lab File: VU027352.D

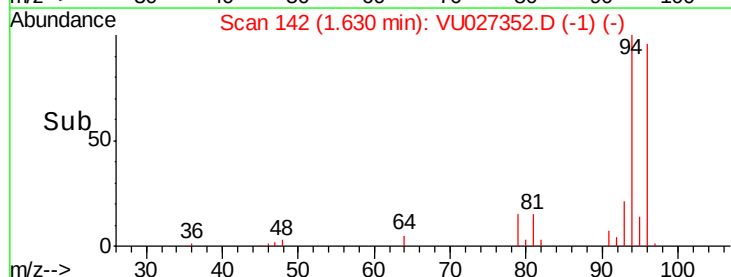
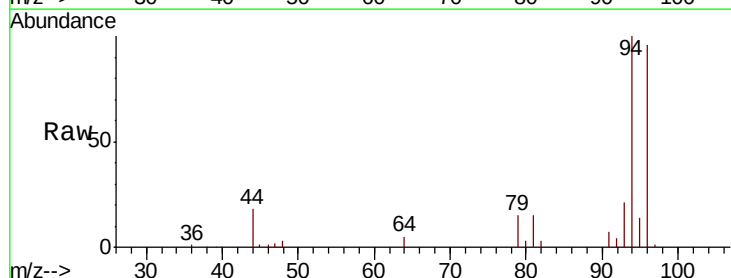
Acq: 02 Oct 2018 19:49

Tgt Ion: 94 Resp: 40911

Ion Ratio Lower Upper

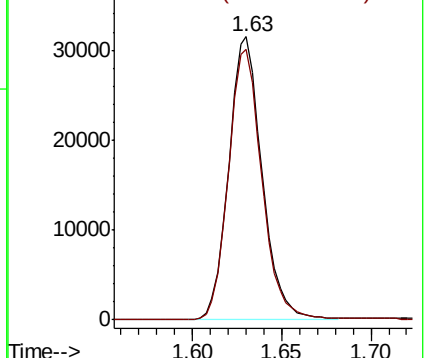
94 100

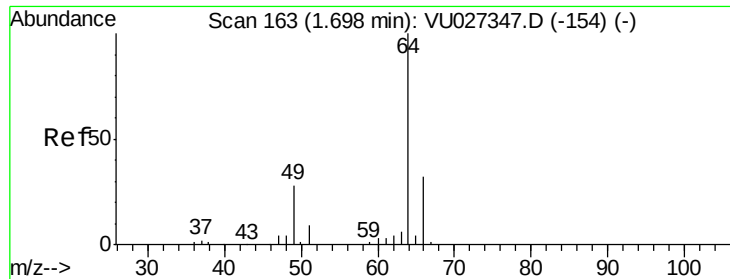
96 95.7 77.0 115.6



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0





#6

Chloroethane

Concen: 6.725 ug/l

RT: 1.70 min Scan# 164

Delta R.T. 0.00 min

Lab File: VU027352.D

Acq: 02 Oct 2018 19:49

Instrument :

MSVOA_U

ClientSampleId :

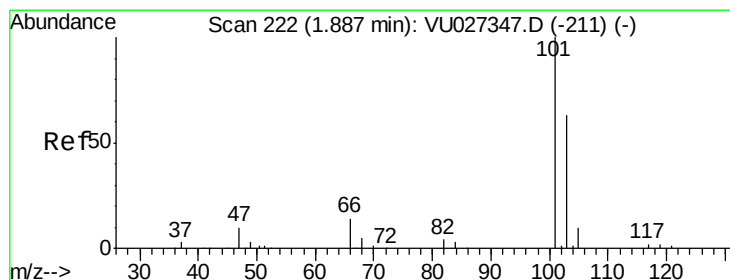
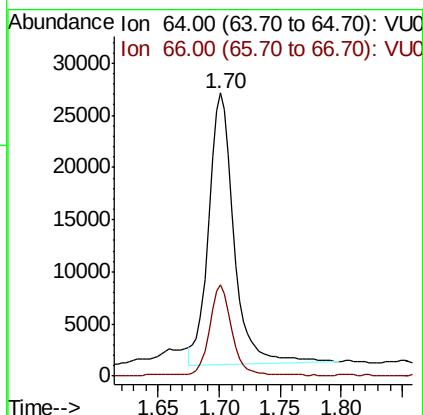
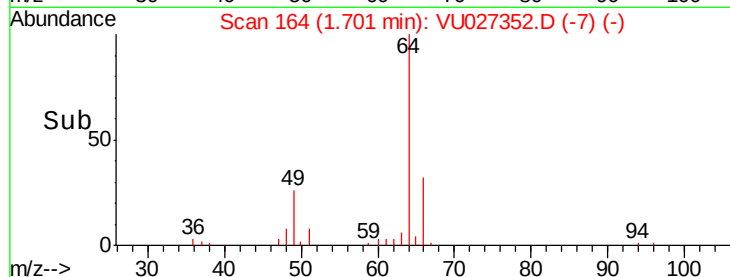
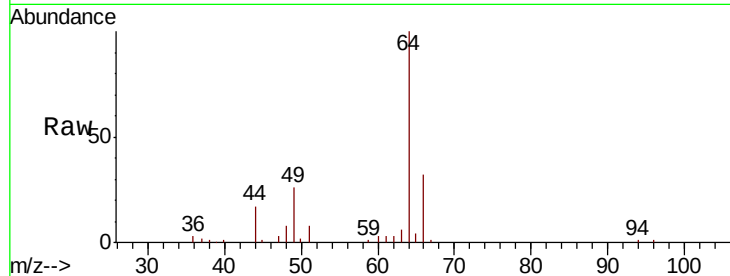
RR-UNRVOA-WSDL

Tot Ion: 64 Resp: 37941

Ion Ratio Lower Upper

64 100

66 33.4 25.3 37.9



#7

Trichlorofluoromethane

Concen: 28.716 ug/l

RT: 1.89 min Scan# 222

Delta R.T. 0.00 min

Lab File: VU027352.D

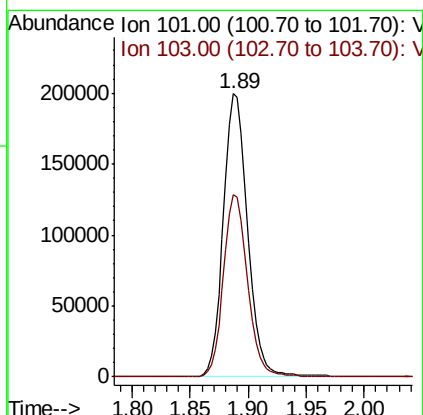
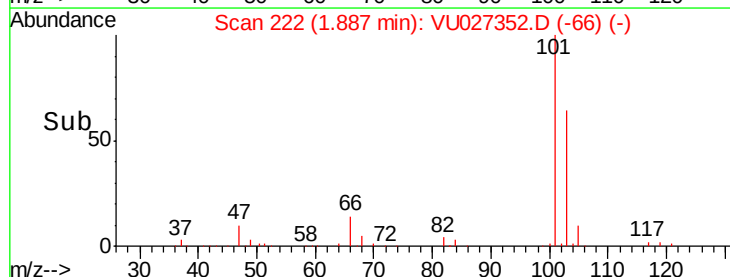
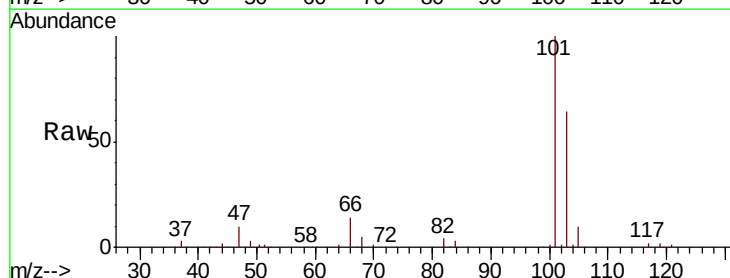
Acq: 02 Oct 2018 19:49

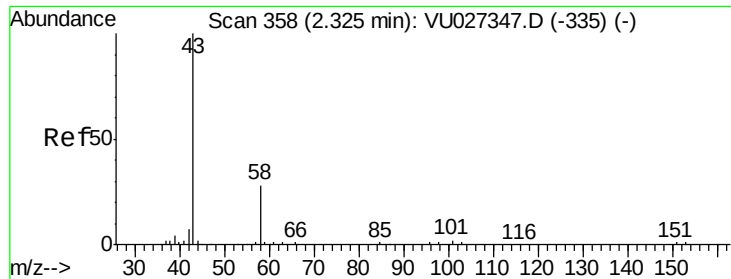
Tgt Ion: 101 Resp: 289444

Ion Ratio Lower Upper

101 100

103 64.3 50.8 76.2





#13

Acetone

Concen: Below Cal

RT: 2.33 min Scan# 360

Delta R.T. 0.01 min

Lab File: VU027352.D

Acq: 02 Oct 2018 19:49

Instrument :

MSVOA_U

ClientSampleId :

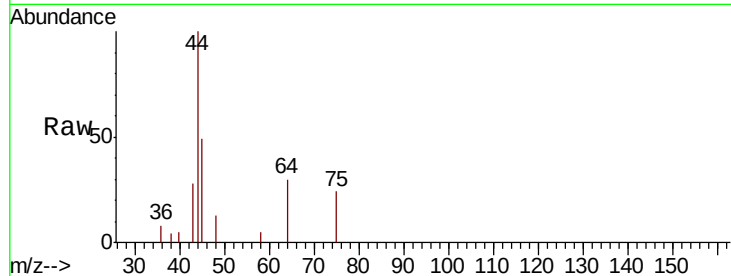
RR-UNRVOA-WSDL

Tot Ion: 43 Resp: 1525

Ion Ratio Lower Upper

43 100

58 17.4 22.6 34.0#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.33

600

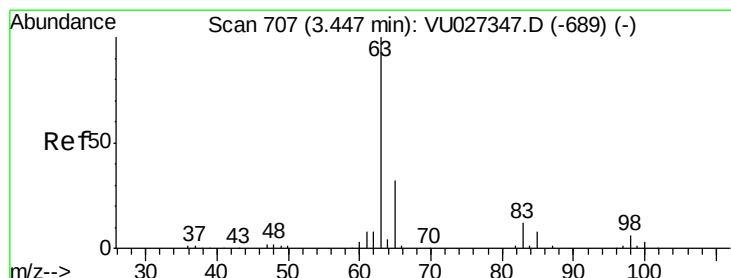
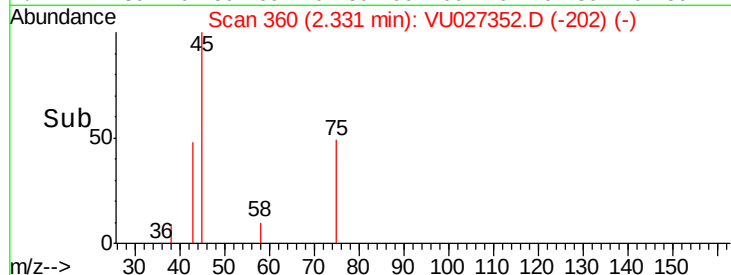
400

200

0

2.30 2.35 2.40

Time-->



#17

1,1-Dichloroethane

Concen: 4.551 ug/l

RT: 3.45 min Scan# 707

Delta R.T. 0.00 min

Lab File: VU027352.D

Acq: 02 Oct 2018 19:49

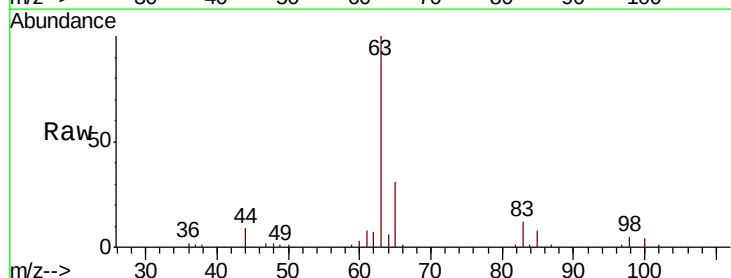
Tgt Ion: 63 Resp: 63094

Ion Ratio Lower Upper

63 100

98 5.5 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

40000

30000

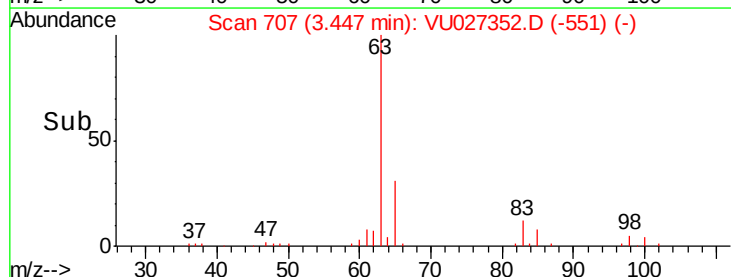
20000

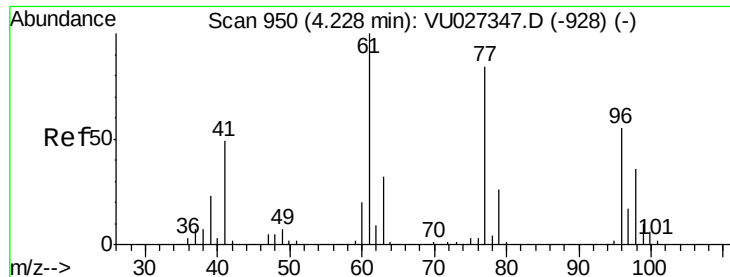
10000

0

3.35 3.40 3.45 3.50 3.55

Time-->

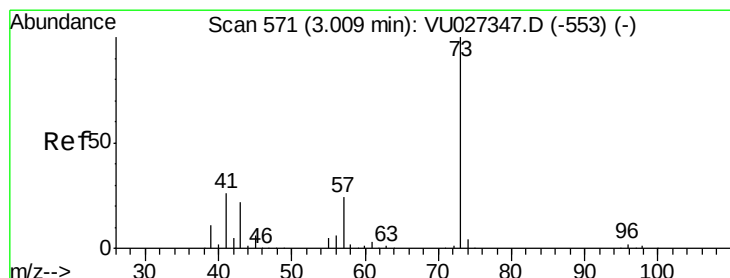
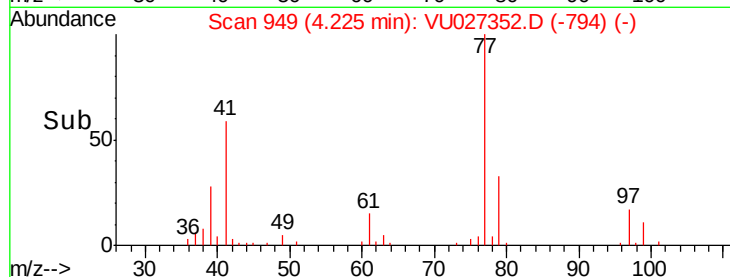
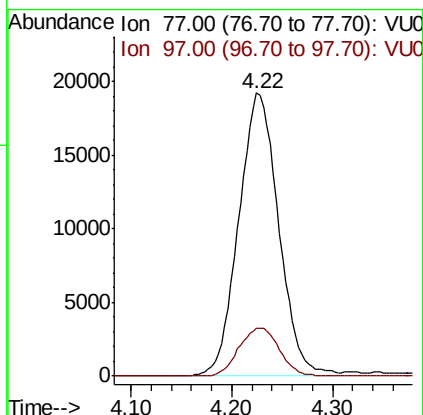
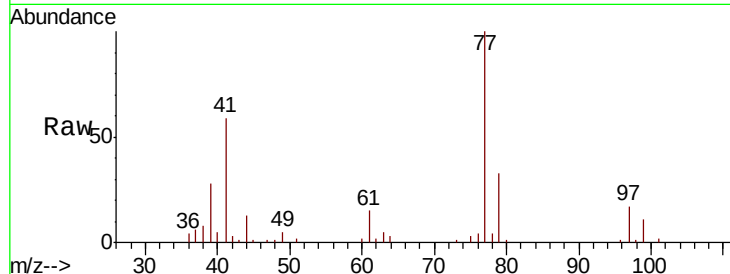




#21
 2,2-Dichloropropane
 Concen: 4.454 ug/l
 RT: 4.22 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: VU027352.D
 Acq: 02 Oct 2018 19:49

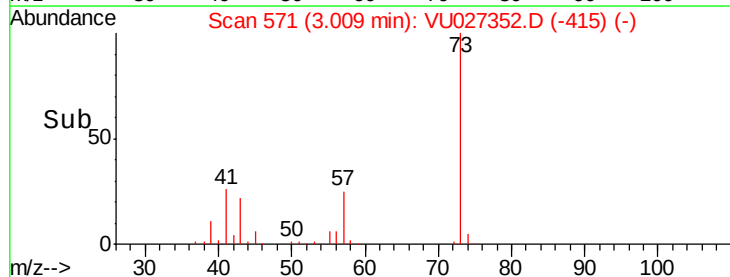
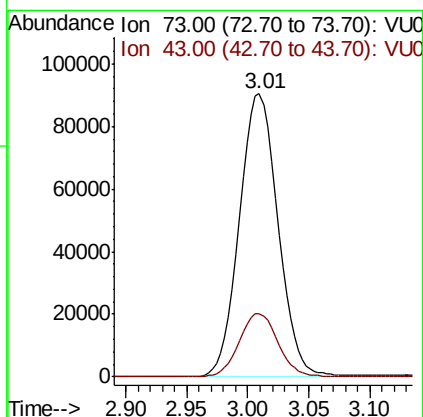
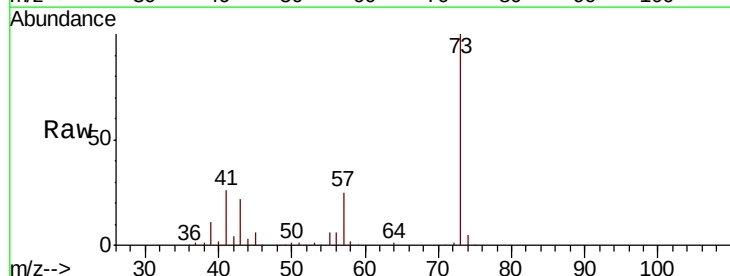
Instrument :
 MSVOA_U
 ClientSampleId :
 RR-UNRVOA-WSDL

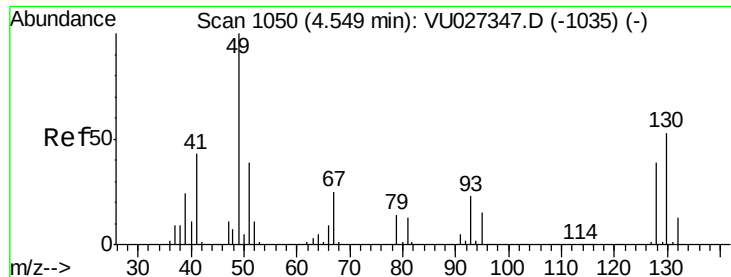
Tot Ion: 77 Resp: 52882
 Ion Ratio Lower Upper
 77 100
 97 17.0 16.0 24.0



#25
 Methyl tert-Butyl Ether
 Concen: 12.035 ug/l
 RT: 3.01 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: VU027352.D
 Acq: 02 Oct 2018 19:49

Tgt Ion: 73 Resp: 198331
 Ion Ratio Lower Upper
 73 100
 43 22.7 17.6 26.4

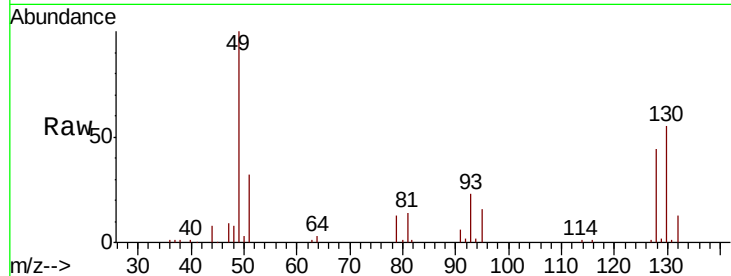




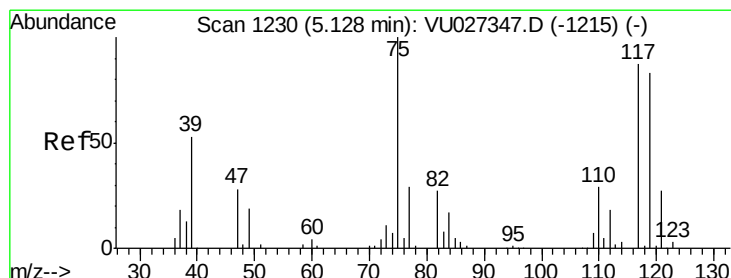
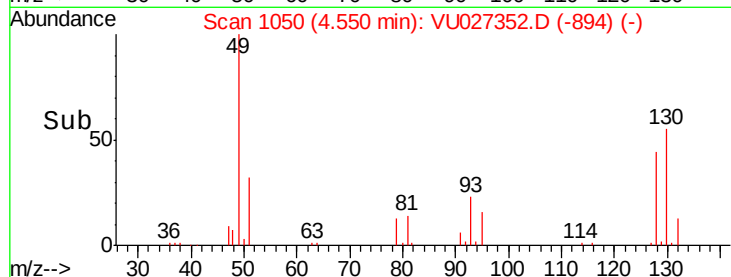
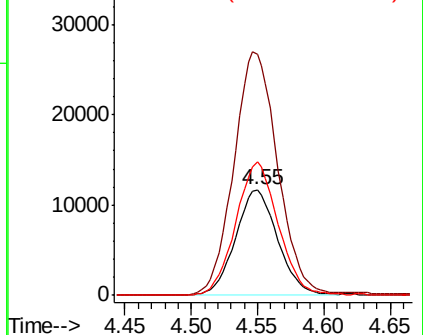
#26
Bromochloromethane
Concen: 10.184 ug/l
RT: 4.55 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VU027352.D
Acq: 02 Oct 2018 19:49

Instrument :
MSVOA_U
ClientSampleId :
RR-UNRVOA-WSDL

Tot Ion:128 Resp: 25908
Ion Ratio Lower Upper
128 100
49 238.9 0.0 498.8
130 126.8 103.8 155.8

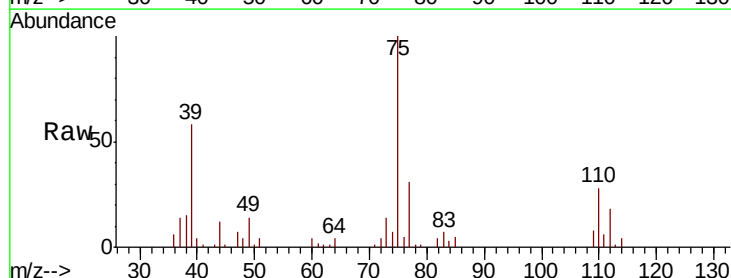


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VU0
Ion 130.00 (129.70 to 130.70): V

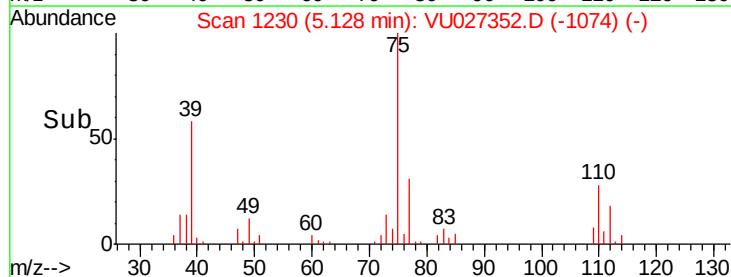
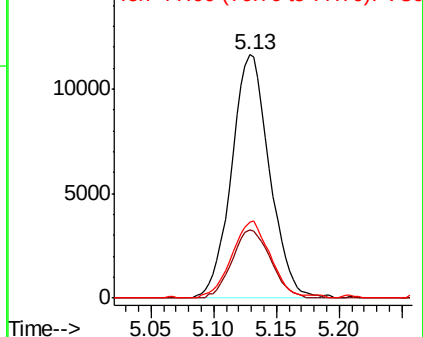


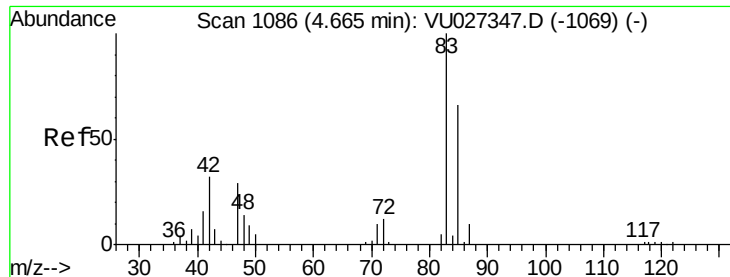
#29
1,1-Dichloropropene
Concen: 2.652 ug/l
RT: 5.13 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VU027352.D
Acq: 02 Oct 2018 19:49

Tgt Ion: 75 Resp: 24520
Ion Ratio Lower Upper
75 100
110 28.4 15.0 45.0
77 32.6 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





#41

Tetrahydrofuran

Concen: Below Cal

RT: 4.67 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VU027352.D

Acq: 02 Oct 2018 19:49

Instrument :

MSVOA_U

ClientSampleId :

RR-UNRVOA-WSDL

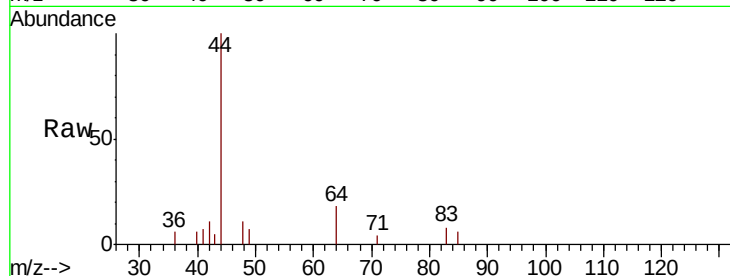
Tot Ion: 42 Resp: 720

Ion Ratio Lower Upper

42 100

72 0.0 29.2 43.8#

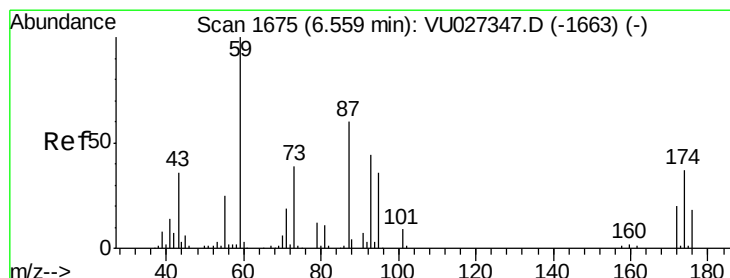
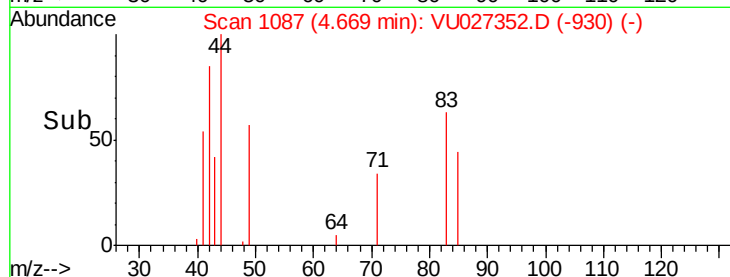
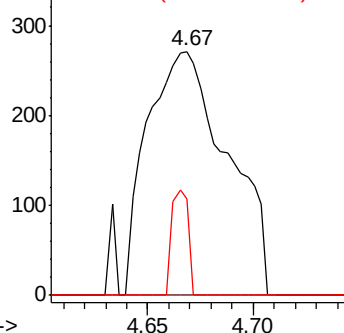
71 8.9 25.8 38.8#



Abundance Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0



#43

Dibromomethane

Concen: 6.862 ug/l

RT: 6.56 min Scan# 1676

Delta R.T. 0.00 min

Lab File: VU027352.D

Acq: 02 Oct 2018 19:49

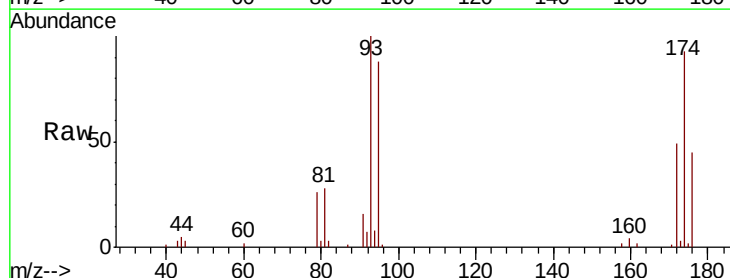
Tgt Ion: 93 Resp: 23335

Ion Ratio Lower Upper

93 100

95 83.3 64.7 97.1

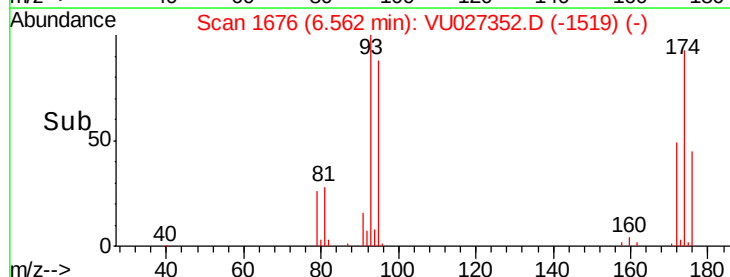
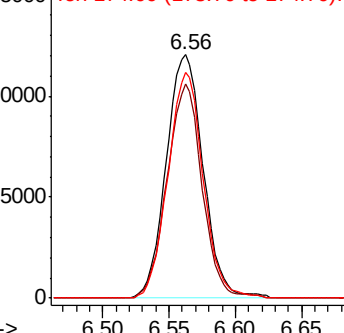
174 88.7 68.2 102.4

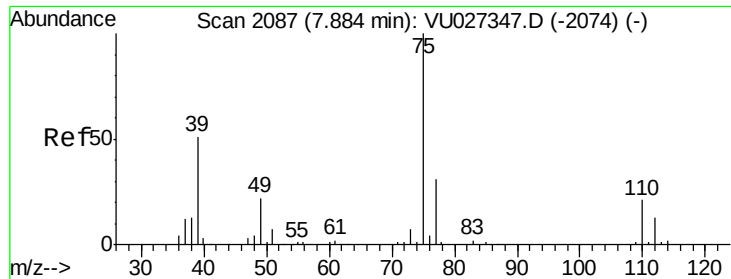


Abundance Ion 93.00 (92.70 to 93.70): VU0

Ion 95.00 (94.70 to 95.70): VU0

Ion 174.00 (173.70 to 174.70): V

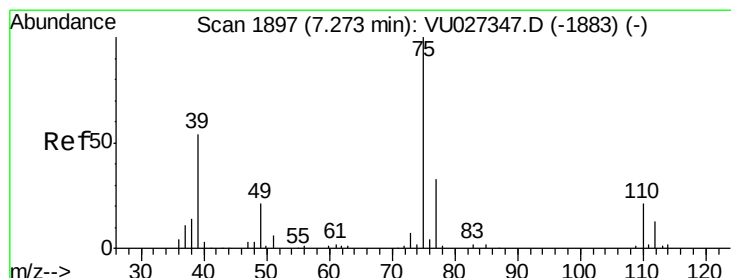
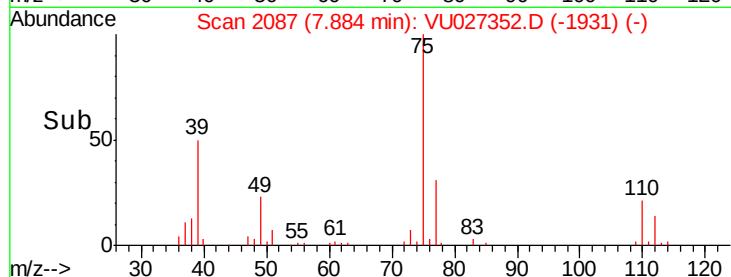
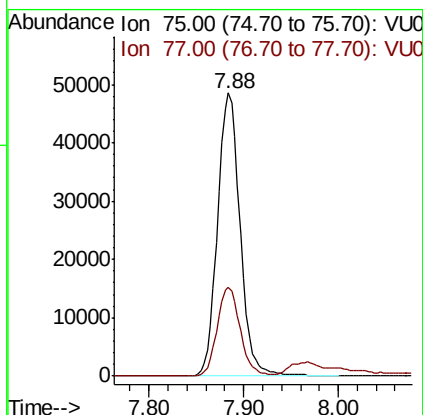
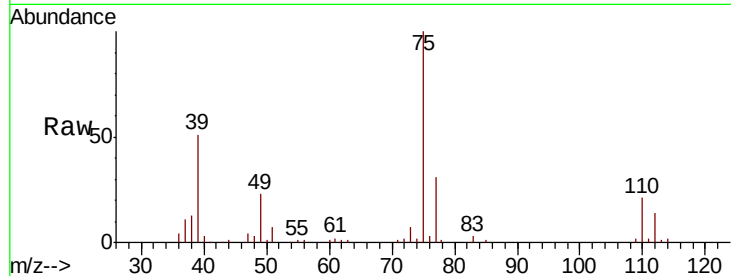




#50
t-1,3-Dichloropropene
Concen: 9.855 ug/l
RT: 7.88 min Scan# 2087
Delta R.T. 0.00 min
Lab File: VU027352.D
Acq: 02 Oct 2018 19:49

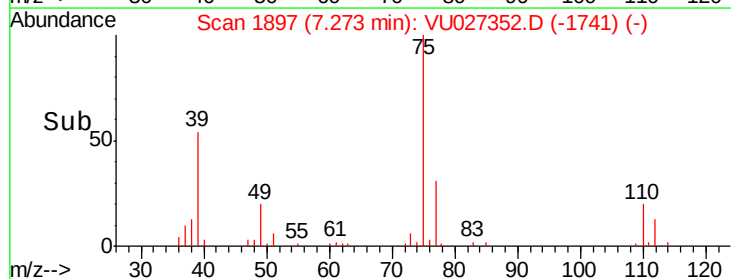
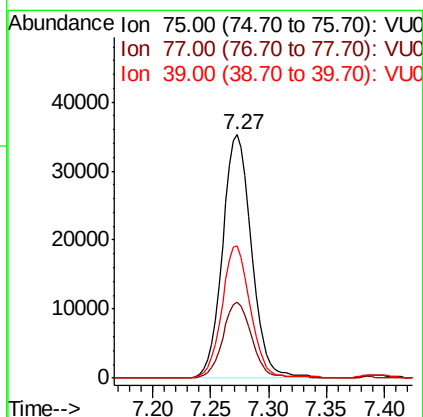
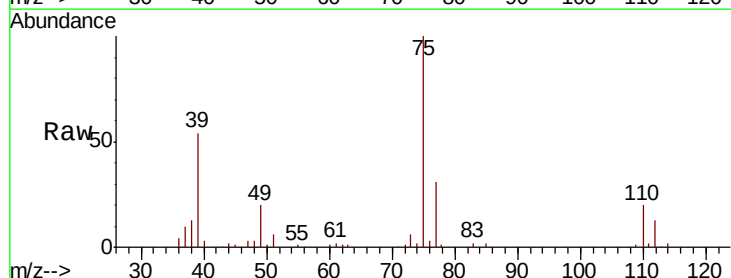
Instrument :
MSVOA_U
ClientSampleId :
RR-UNRVOA-WSDL

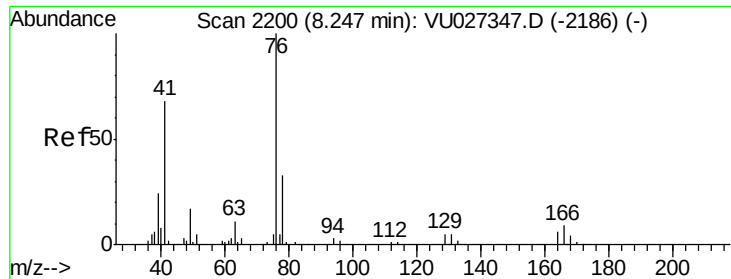
Tot Ion: 75 Resp: 80768
Ion Ratio Lower Upper
75 100
77 31.5 24.6 36.8



#51
cis-1,3-Dichloropropene
Concen: 6.254 ug/l
RT: 7.27 min Scan# 1897
Delta R.T. 0.00 min
Lab File: VU027352.D
Acq: 02 Oct 2018 19:49

Tgt Ion: 75 Resp: 61405
Ion Ratio Lower Upper
75 100
77 31.0 26.1 39.1
39 54.2 43.1 64.7





#53

1,3-Dichloropropane

Concen: 3.994 ug/l

RT: 8.25 min Scan# 2200

Delta R.T. 0.00 min

Lab File: VU027352.D

Acq: 02 Oct 2018 19:49

Instrument :

MSVOA_U

ClientSampleId :

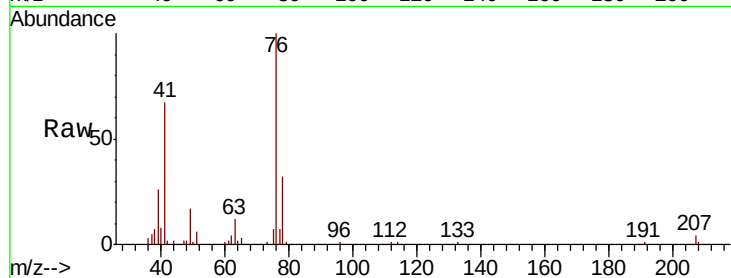
RR-UNRVOA-WSDL

Tot Ion: 76 Resp: 36264

Ion Ratio Lower Upper

76 100

78 31.8 25.7 38.5



Abundance Ion 76.00 (75.70 to 76.70): VU0

Ion 78.00 (77.70 to 78.70): VU0

8.25

25000

20000

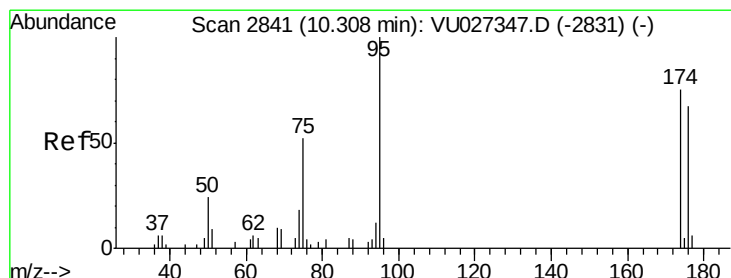
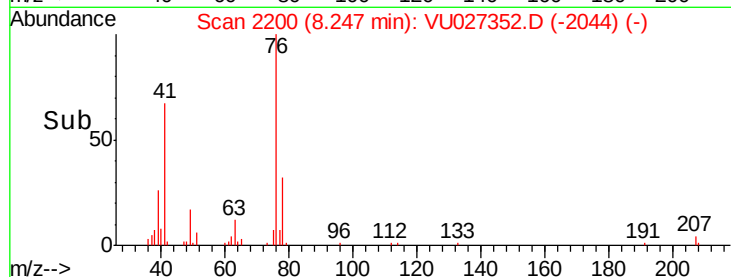
15000

10000

5000

0

Time--> 8.15 8.20 8.25 8.30 8.35



#57

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027352.D

Acq: 02 Oct 2018 19:49

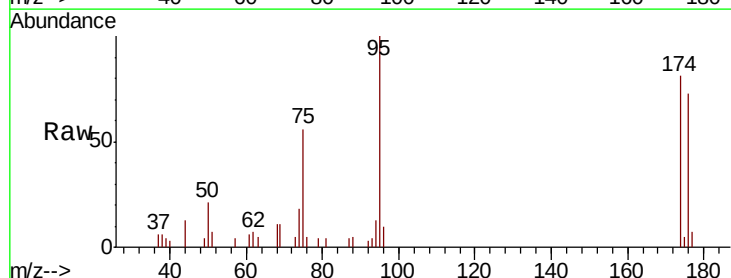
Tgt Ion: 95 Resp: 6847

Ion Ratio Lower Upper

95 100

174 79.5 61.0 91.6

176 72.4 57.2 85.8



Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

5000

4000

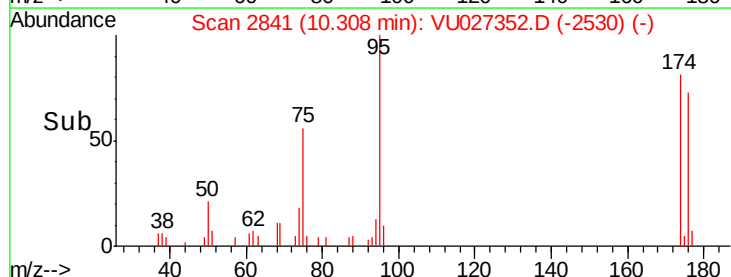
3000

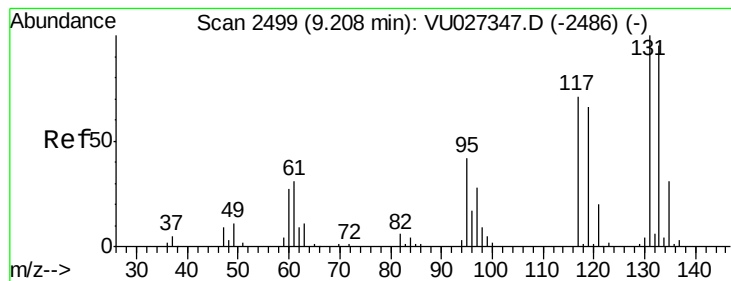
2000

1000

0

Time--> 10.25 10.30 10.35





#60

1,1,1,2-Tetrachloroethane

Concen: 6.246 ug/l

RT: 9.21 min Scan# 2500

Delta R.T. 0.00 min

Lab File: VU027352.D

Acq: 02 Oct 2018 19:49

Instrument :

MSVOA_U

ClientSampleId :

RR-UNRVOA-WSDL

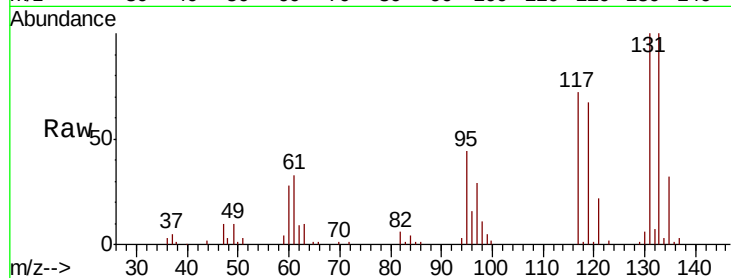
Tot Ion:131 Resp: 37020

Ion Ratio Lower Upper

131 100

133 98.6 77.1 115.7

119 69.0 53.6 80.4

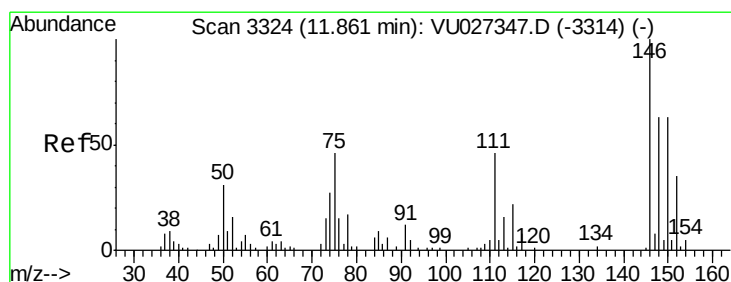
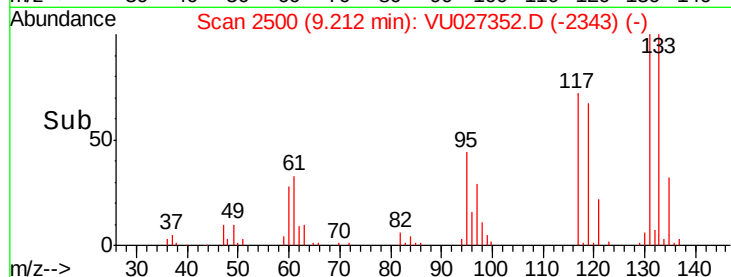
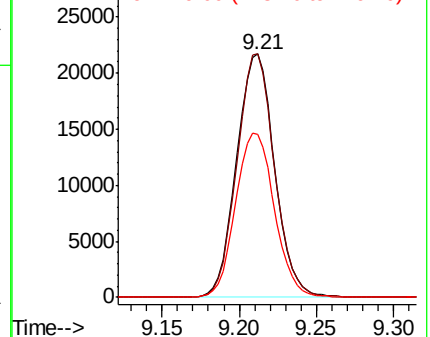


Abundance

Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#68

1,2-Dichlorobenzene-d4

Concen: N.D. ug/l

RT: 11.86 min Scan# 3325

Delta R.T. 0.00 min

Lab File: VU027352.D

Acq: 02 Oct 2018 19:49

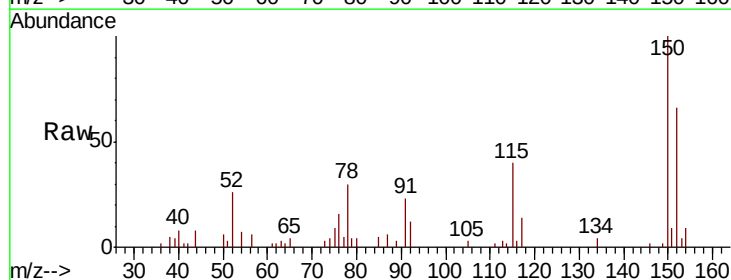
Tgt Ion:152 Resp: 6949

Ion Ratio Lower Upper

152 100

115 67.1 0.0 131.6

150 164.0 0.0 0.0#

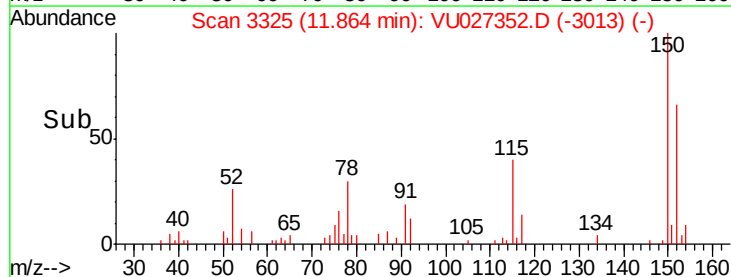
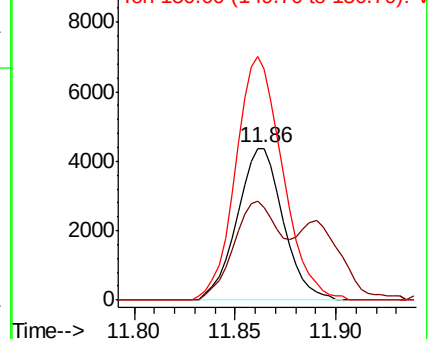


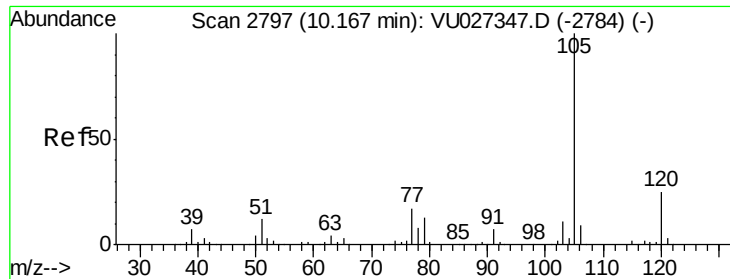
Abundance

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: 3.494 ug/l

RT: 10.17 min Scan# 2798

Delta R.T. 0.00 min

Lab File: VU027352.D

Acq: 02 Oct 2018 19:49

Instrument :

MSVOA_U

ClientSampleId :

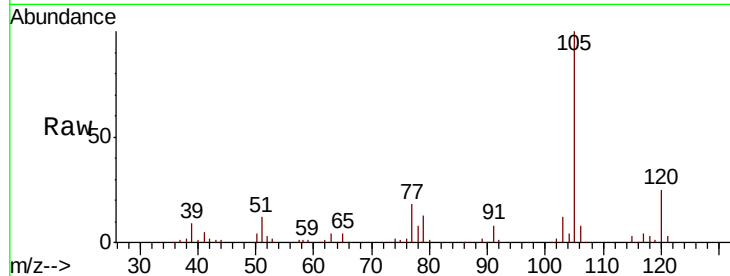
RR-UNRVOA-WSDL

Tot Ion:105 Resp: 86783

Ion Ratio Lower Upper

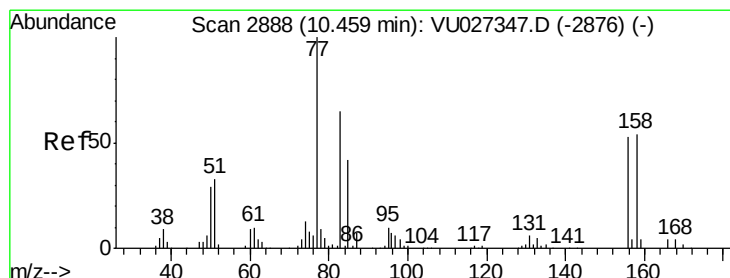
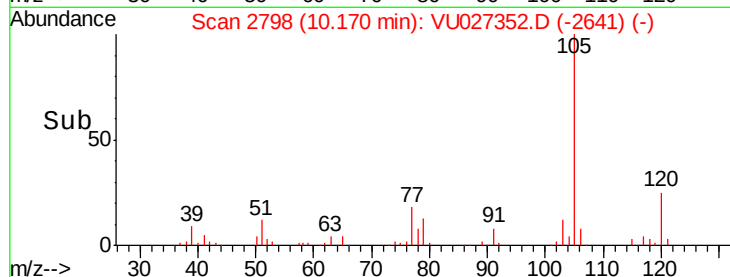
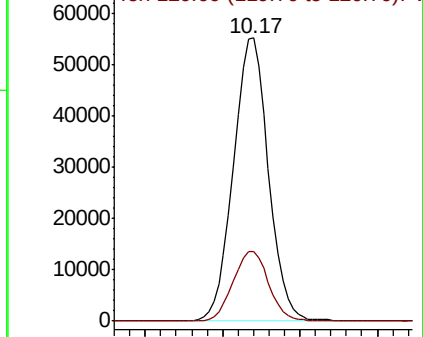
105 100

120 25.1 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: 11.252 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. 0.00 min

Lab File: VU027352.D

Acq: 02 Oct 2018 19:49

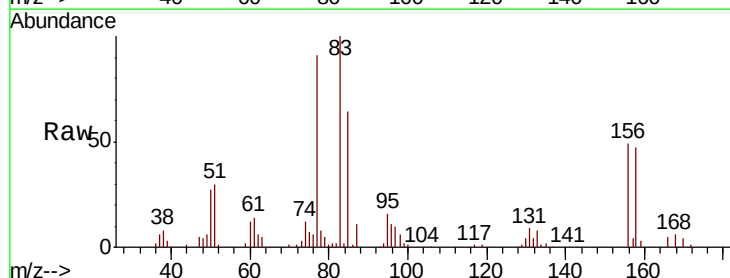
Tgt Ion: 83 Resp: 72746

Ion Ratio Lower Upper

83 100

131 8.5 7.0 10.6

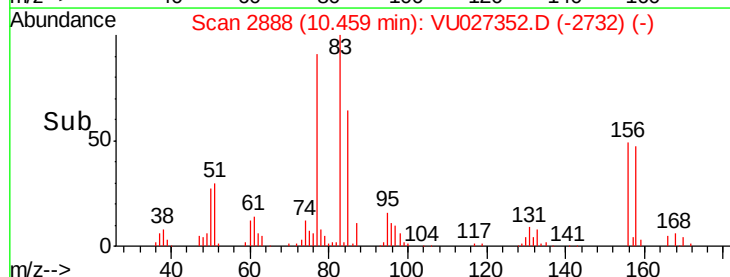
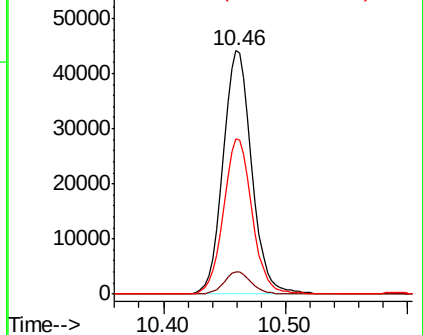
85 63.8 51.4 77.0

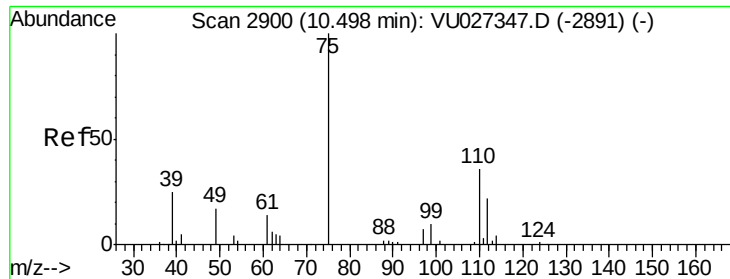


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0

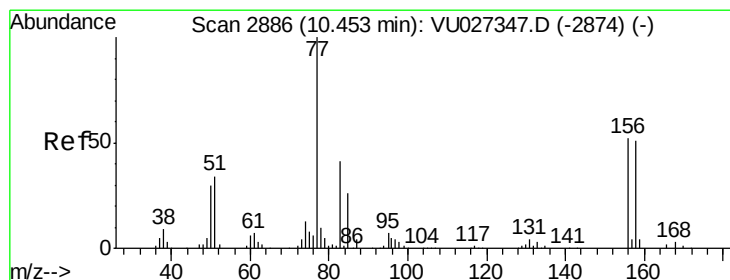
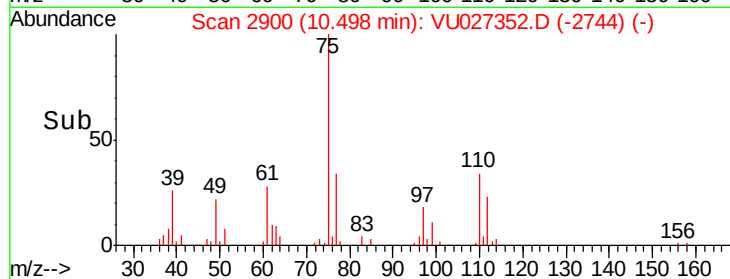
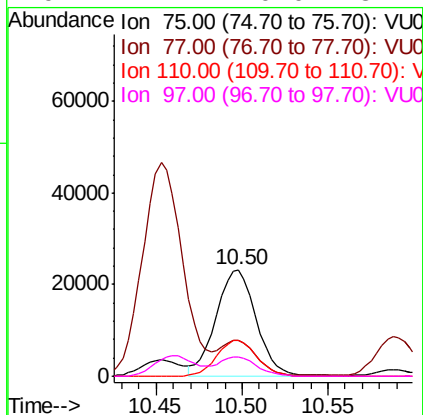
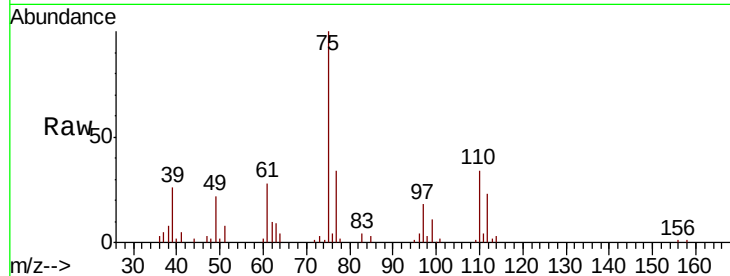




#71
 1,2,3-Trichloropropane
 Concen: 7.656 ug/l
 RT: 10.50 min Scan# 2900
 Delta R.T. 0.00 min
 Lab File: VU027352.D
 Acq: 02 Oct 2018 19:49

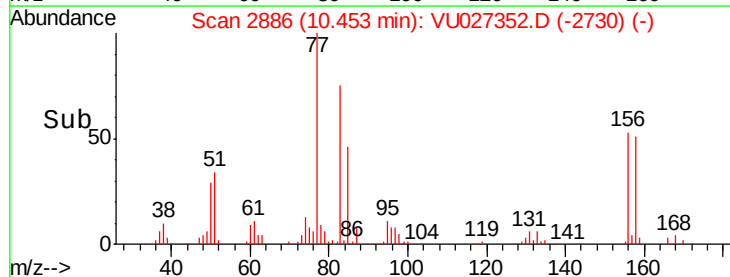
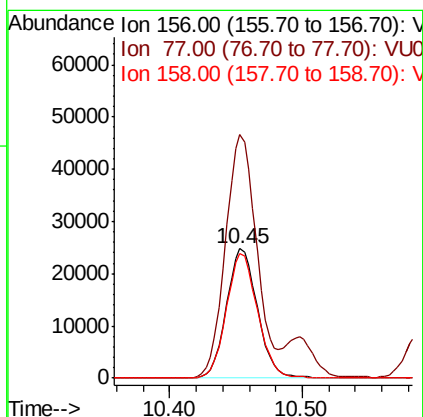
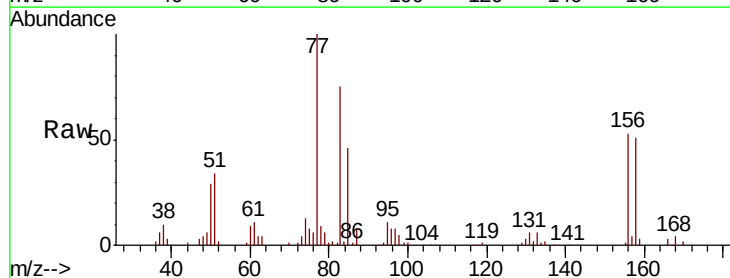
Instrument :
 MSVOA_U
 ClientSampleId :
 RR-UNRVOA-WSDL

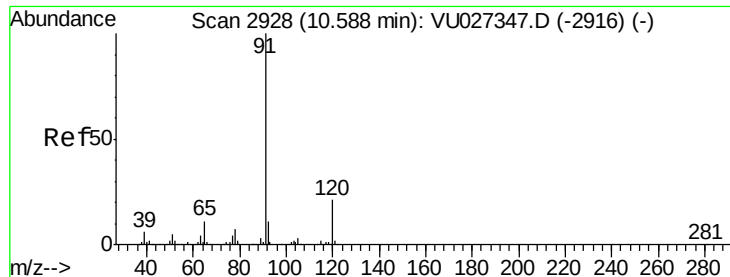
Tot Ion:	75	Resp:	38190
Ion	Ratio	Lower	Upper
75	100		
77	27.5	0.0	16.6#
110	33.2	0.0	65.4
97	17.4	0.0	31.4



#72
 Bromobenzene
 Concen: 6.708 ug/l
 RT: 10.45 min Scan# 2886
 Delta R.T. 0.00 min
 Lab File: VU027352.D
 Acq: 02 Oct 2018 19:49

Tgt Ion:	156	Resp:	40192
Ion	Ratio	Lower	Upper
156	100		
77	190.0	0.0	387.6
158	97.3	0.0	196.2





#73

n-propylbenzene

Concen: 9.326 ug/l

RT: 10.59 min Scan# 2929

Delta R.T. 0.00 min

Lab File: VU027352.D

Acq: 02 Oct 2018 19:49

Instrument :

MSVOA_U

ClientSampleId :

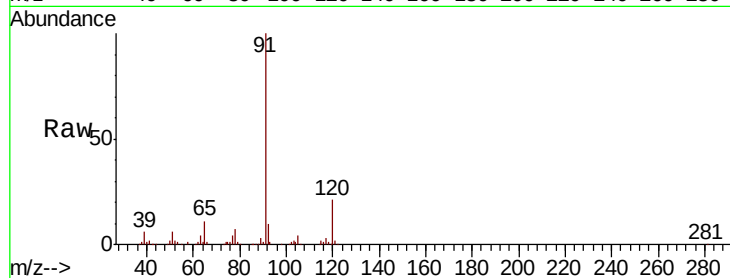
RR-UNRVOA-WSDL

Tot Ion:120 Resp: 62369

Ion Ratio Lower Upper

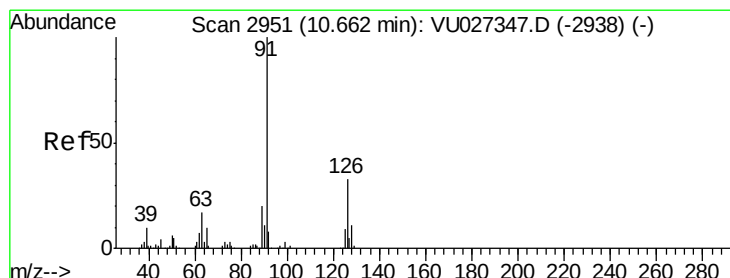
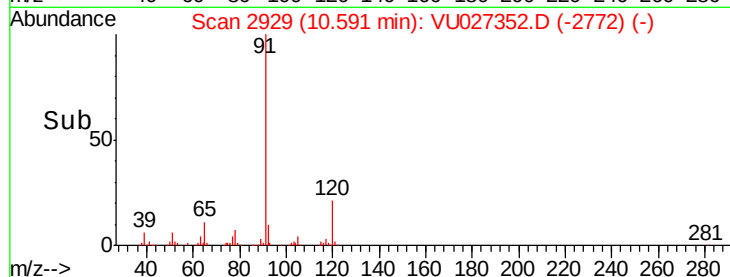
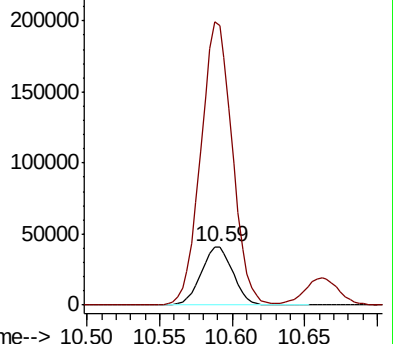
120 100

91 481.9 381.4 572.0



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 1.484 ug/l

RT: 10.66 min Scan# 2951

Delta R.T. 0.00 min

Lab File: VU027352.D

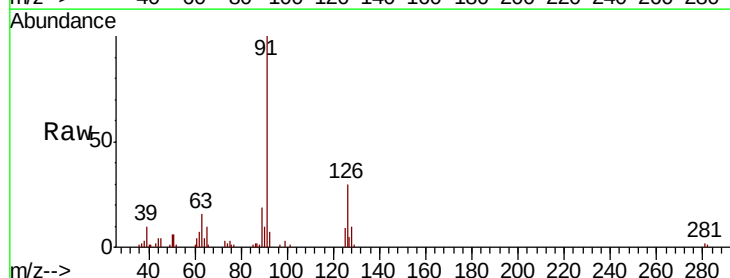
Acq: 02 Oct 2018 19:49

Tgt Ion:126 Resp: 9072

Ion Ratio Lower Upper

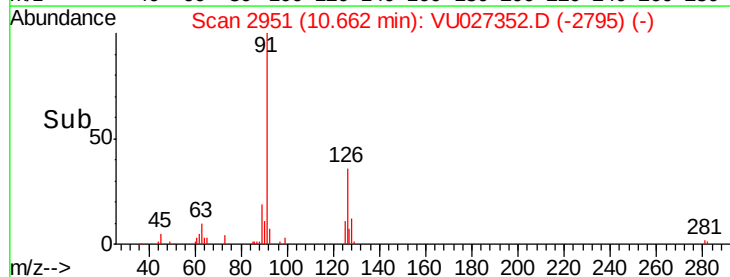
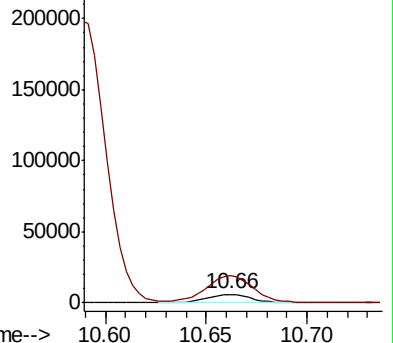
126 100

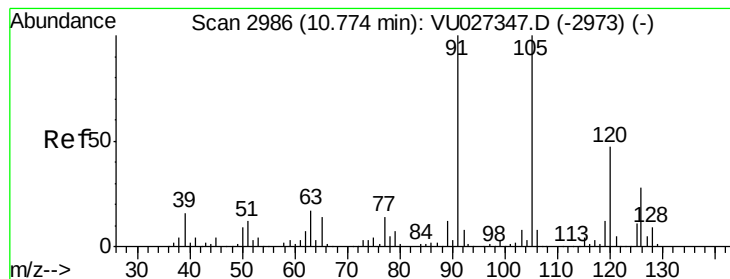
91 344.0 0.0 639.0



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: 9.347 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. 0.00 min

Lab File: VU027352.D

Acq: 02 Oct 2018 19:49

Instrument :

MSVOA_U

ClientSampleId :

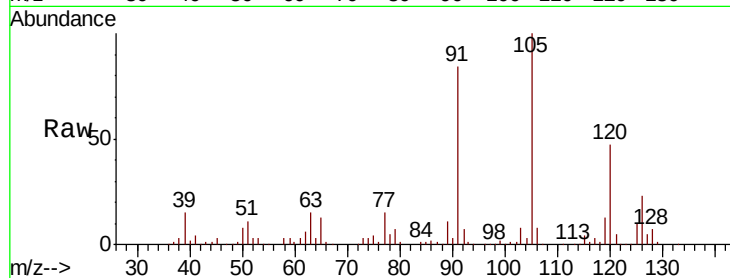
RR-UNRVOA-WSDL

Tot Ion:105 Resp: 206494

Ion Ratio Lower Upper

105 100

120 47.3 37.8 56.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

10.77

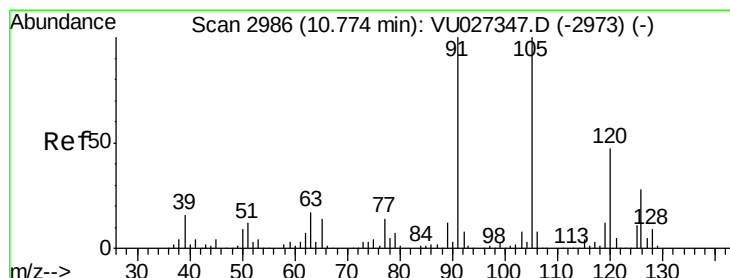
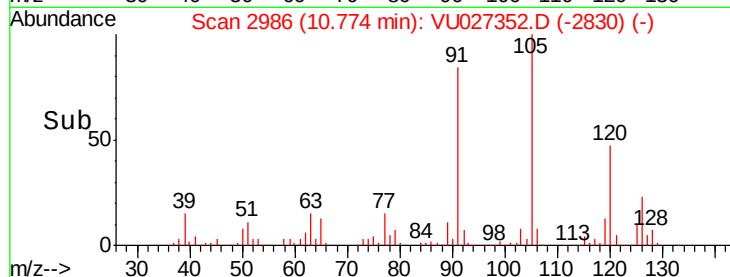
150000

100000

50000

0

Time-->



#76

4-Chlorotoluene

Concen: 7.832 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. 0.00 min

Lab File: VU027352.D

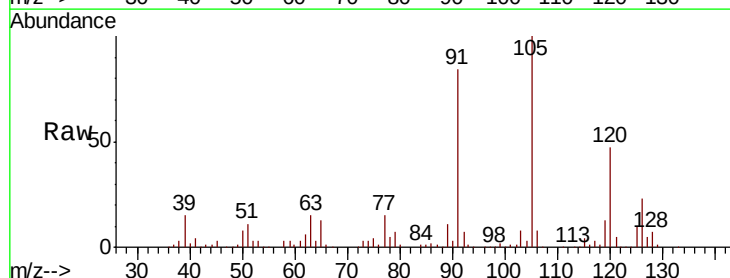
Acq: 02 Oct 2018 19:49

Tgt Ion:126 Resp: 49118

Ion Ratio Lower Upper

126 100

91 364.2 0.0 720.8



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

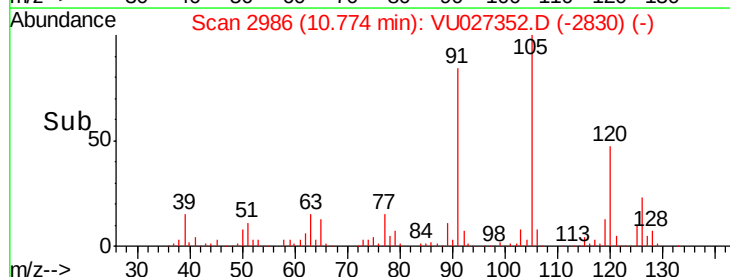
10.77

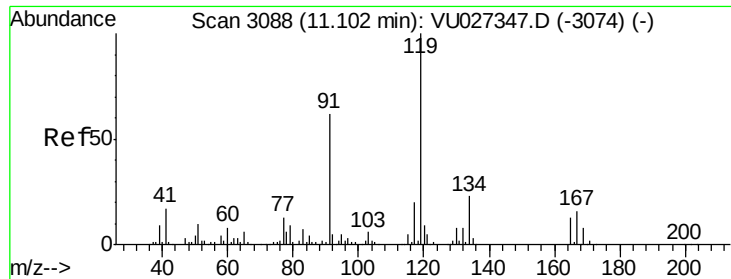
100000

50000

0

Time-->





#77

tert-Butylbenzene

Concen: 8.940 ug/l

RT: 11.10 min Scan# 3088

Delta R.T. 0.00 min

Lab File: VU027352.D

Acq: 02 Oct 2018 19:49

Instrument :

MSVOA_U

ClientSampleId :

RR-UNRVOA-WSDL

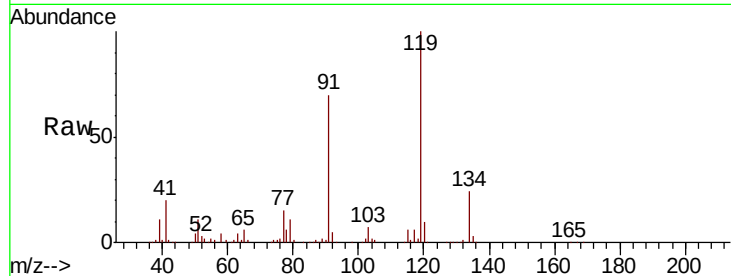
Tot Ion:119 Resp: 186484

Ion Ratio Lower Upper

119 100

91 71.2 31.4 94.3

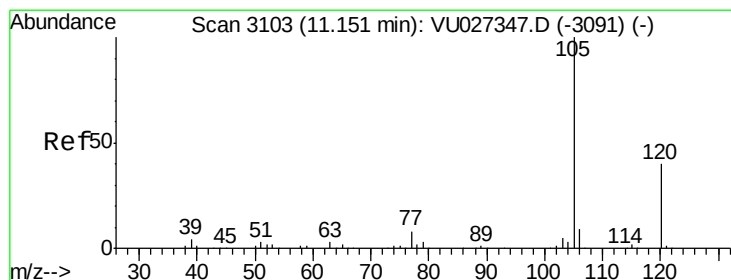
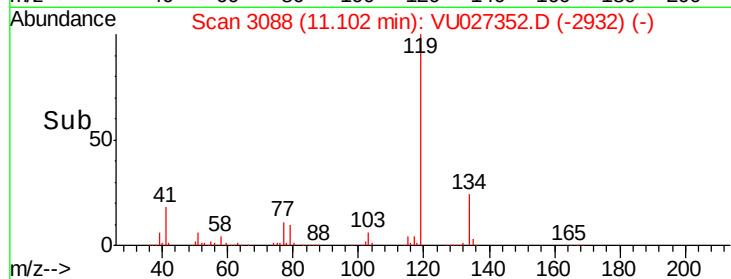
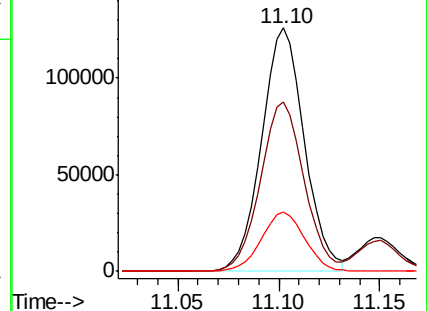
134 24.7 18.7 28.1



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: 8.052 ug/l

RT: 11.15 min Scan# 3103

Delta R.T. 0.00 min

Lab File: VU027352.D

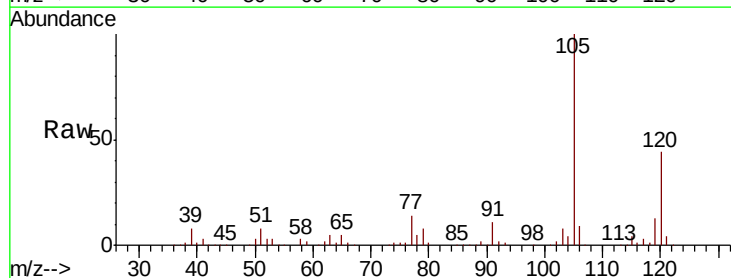
Acq: 02 Oct 2018 19:49

Tgt Ion:105 Resp: 213191

Ion Ratio Lower Upper

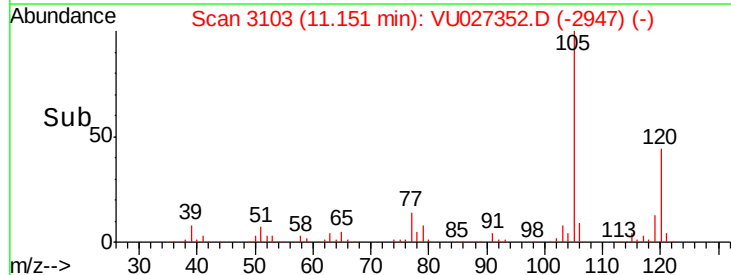
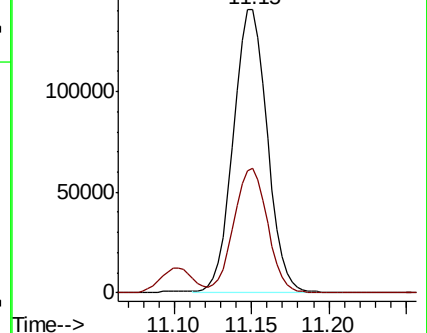
105 100

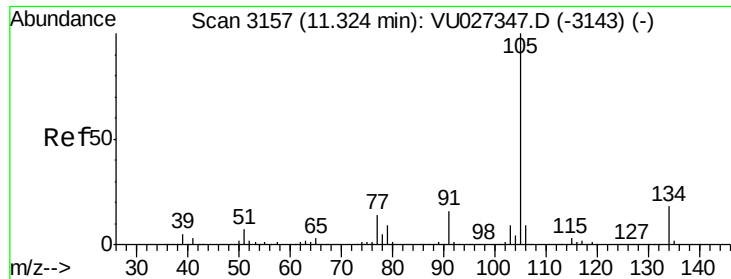
120 43.7 21.9 65.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

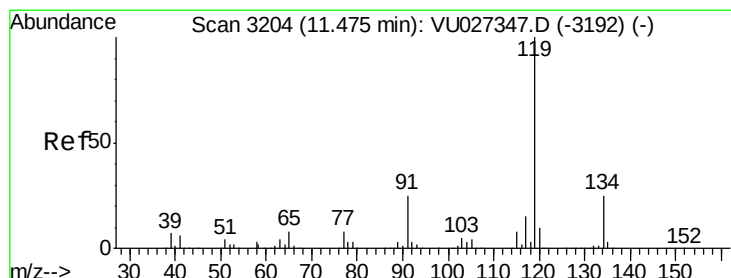
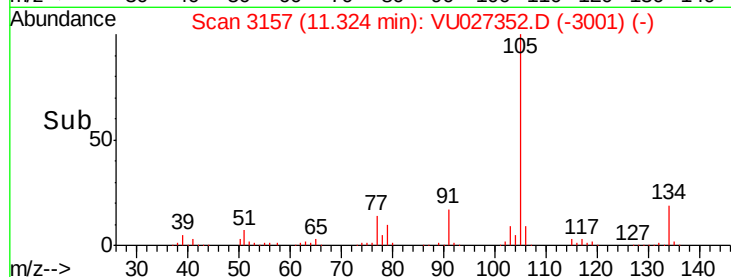
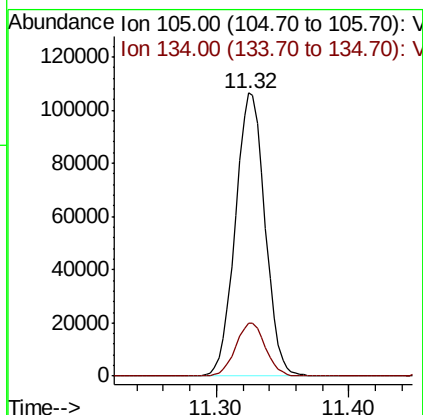
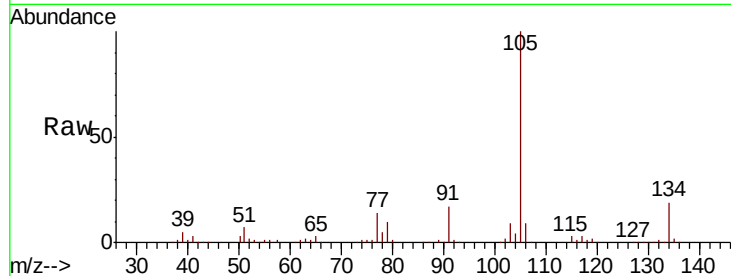




#79
 sec-Butylbenzene
 Concen: 5.778 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: VU027352.D
 Acq: 02 Oct 2018 19:49

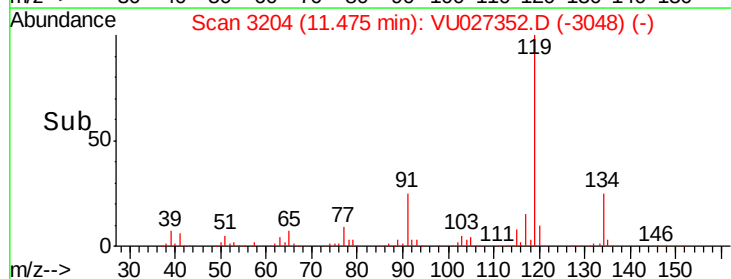
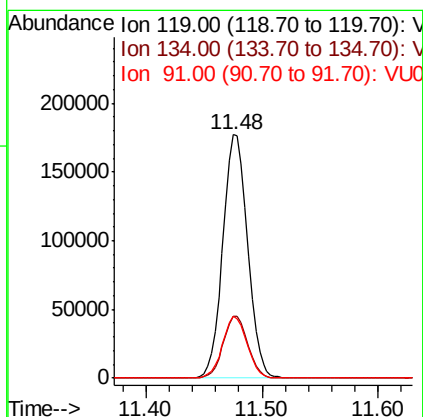
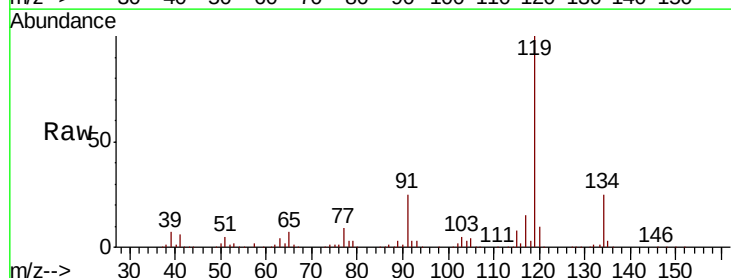
Instrument :
 MSVOA_U
 ClientSampleId :
 RR-UNRVOA-WSDL

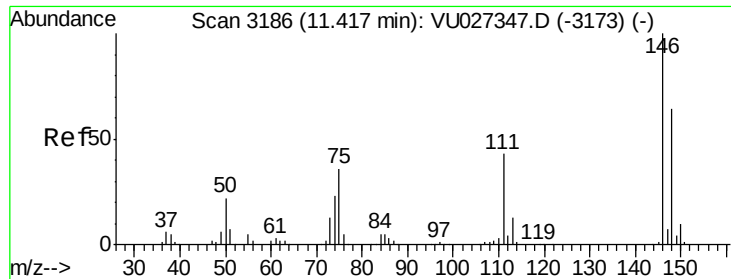
Tot Ion:105 Resp: 165357
 Ion Ratio Lower Upper
 105 100
 134 18.8 14.8 22.2



#81
 p-Isopropyltoluene
 Concen: 9.404 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. 0.00 min
 Lab File: VU027352.D
 Acq: 02 Oct 2018 19:49

Tgt Ion:119 Resp: 260573
 Ion Ratio Lower Upper
 119 100
 134 25.4 20.2 30.2
 91 25.3 19.6 29.4





#82

1,3-Dichlorobenzene

Concen: 10.306 ug/l

RT: 11.42 min Scan# 3186

Delta R.T. 0.00 min

Lab File: VU027352.D

Acq: 02 Oct 2018 19:49

Instrument :

MSVOA_U

ClientSampleId :

RR-UNRVOA-WSDL

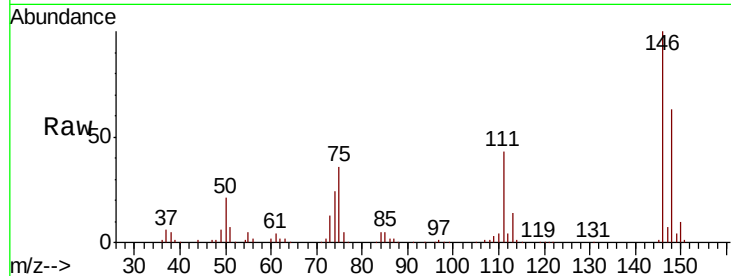
Tot Ion:146 Resp: 130054

Ion Ratio Lower Upper

146 100

111 42.5 34.3 51.5

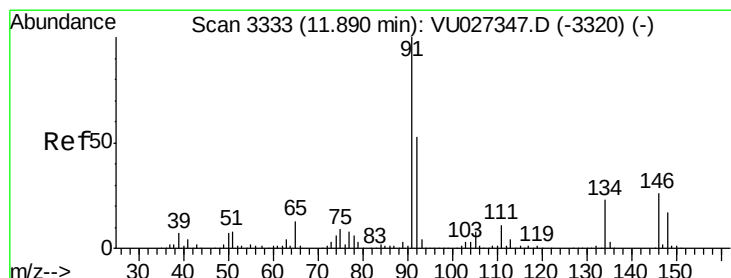
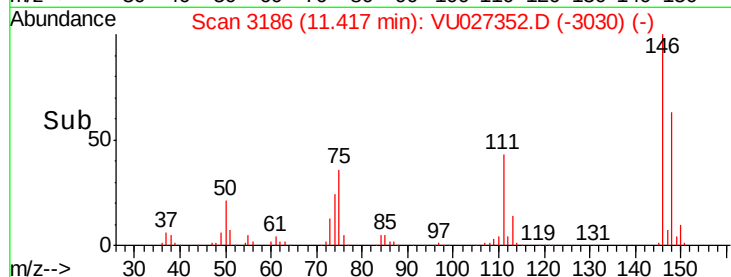
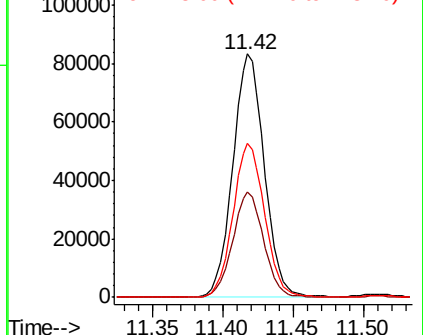
148 63.6 51.2 76.8



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: 3.999 ug/l

RT: 11.89 min Scan# 3333

Delta R.T. 0.00 min

Lab File: VU027352.D

Acq: 02 Oct 2018 19:49

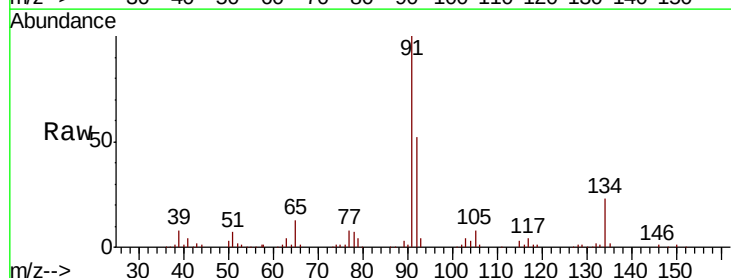
Tgt Ion: 91 Resp: 100582

Ion Ratio Lower Upper

91 100

92 51.7 42.2 63.2

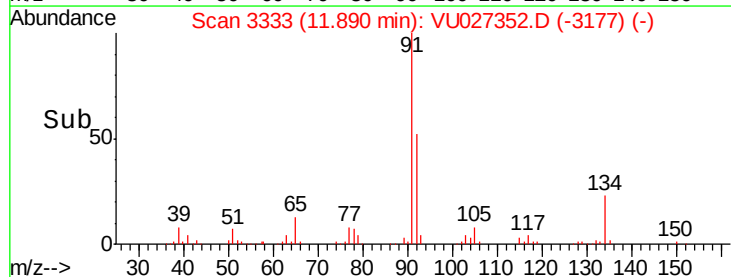
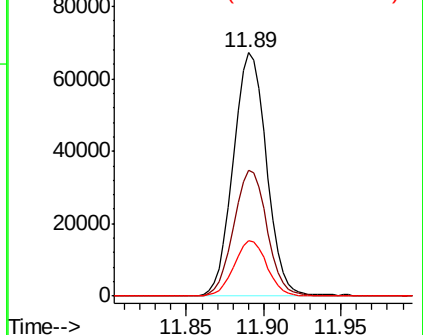
134 22.5 18.2 27.4

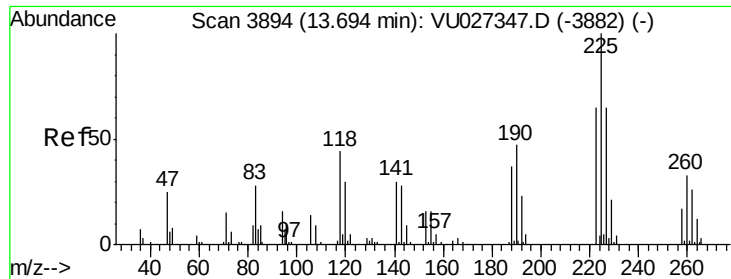


Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0

Ion 134.00 (133.70 to 134.70): V





#88

Hexachlorobutadiene

Concen: 4.708 ug/l

RT: 13.69 min Scan# 3894

Delta R.T. 0.00 min

Lab File: VU027352.D

Acq: 02 Oct 2018 19:49

Instrument :

MSVOA_U

ClientSampleId :

RR-UNRVOA-WSDL

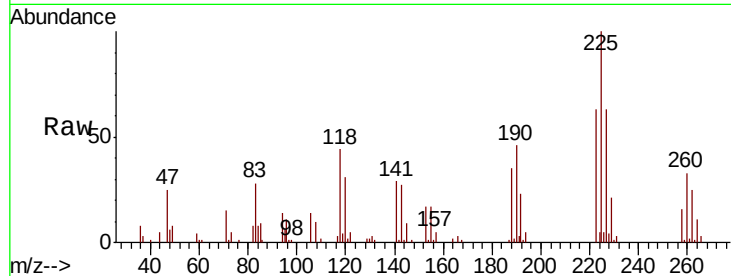
Tot Ion:225 Resp: 23046

Ion Ratio Lower Upper

225 100

223 64.2 51.4 77.0

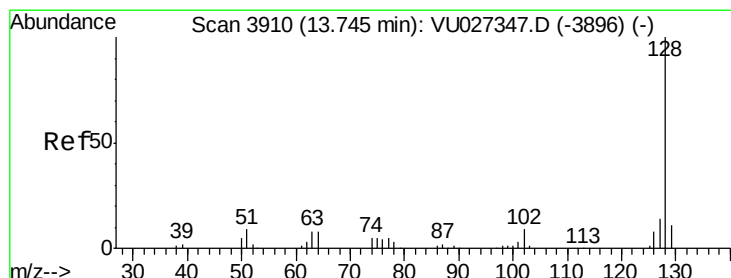
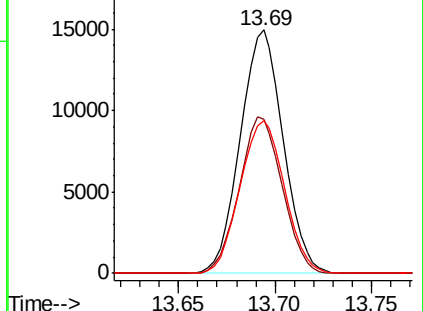
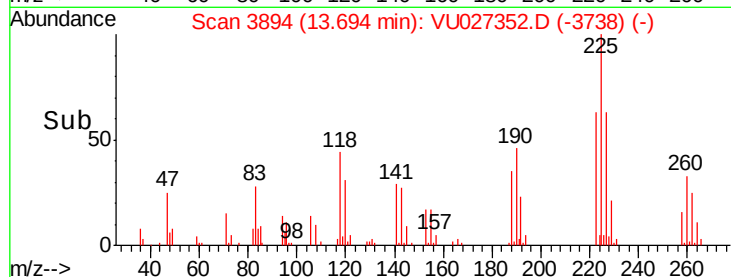
227 65.0 52.3 78.5



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: 3.605 ug/l

RT: 13.75 min Scan# 3910

Delta R.T. 0.00 min

Lab File: VU027352.D

Acq: 02 Oct 2018 19:49

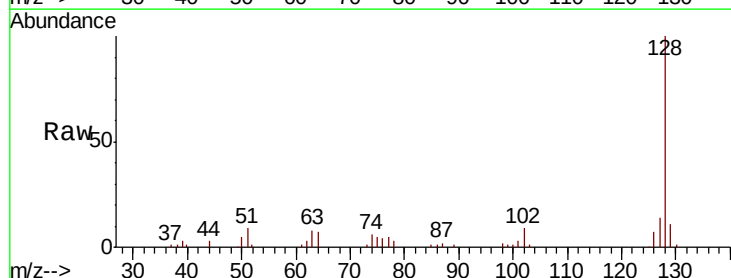
Tgt Ion:128 Resp: 47059

Ion Ratio Lower Upper

128 100

127 13.7 10.7 16.1

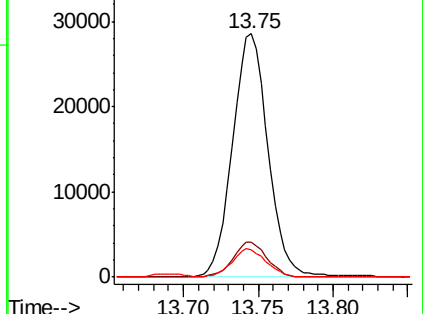
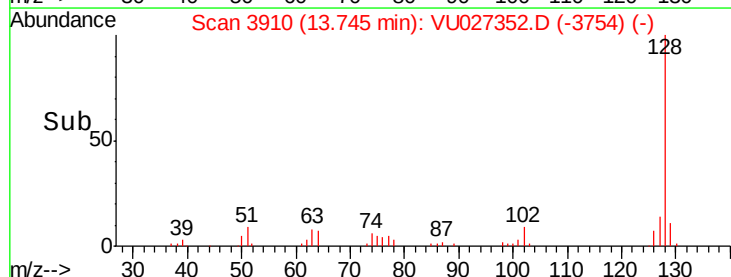
129 11.3 8.4 12.6

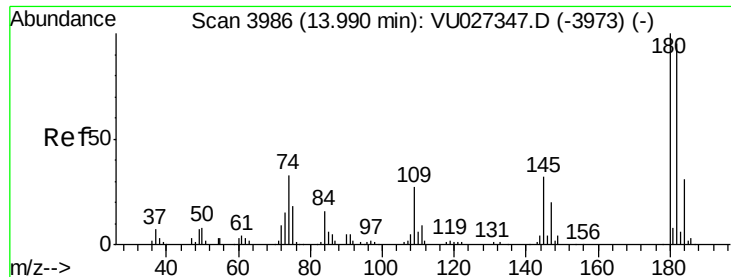


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#90

1,2,3-Trichlorobenzene

Concen: 9.271 ug/l

RT: 13.99 min Scan# 3985

Delta R.T. -0.00 min

Lab File: VU027352.D

Acq: 02 Oct 2018 19:49

Instrument :

MSVOA_U

ClientSampleId :

RR-UNRVOA-WSDL

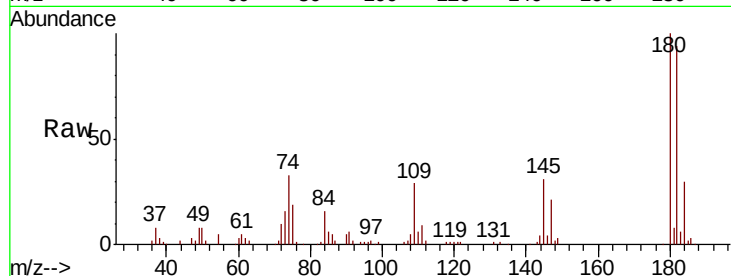
Tot Ion:180 Resp: 67857

Ion Ratio Lower Upper

180 100

182 94.7 76.2 114.4

145 31.5 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

