

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100318\
 Data File : VU027351.D
 Acq On : 02 Oct 2018 19:23
 Operator : MD/SY
 Sample : J4965-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RR-UNRVOA-WS

Quant Time: Oct 03 09:37:06 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

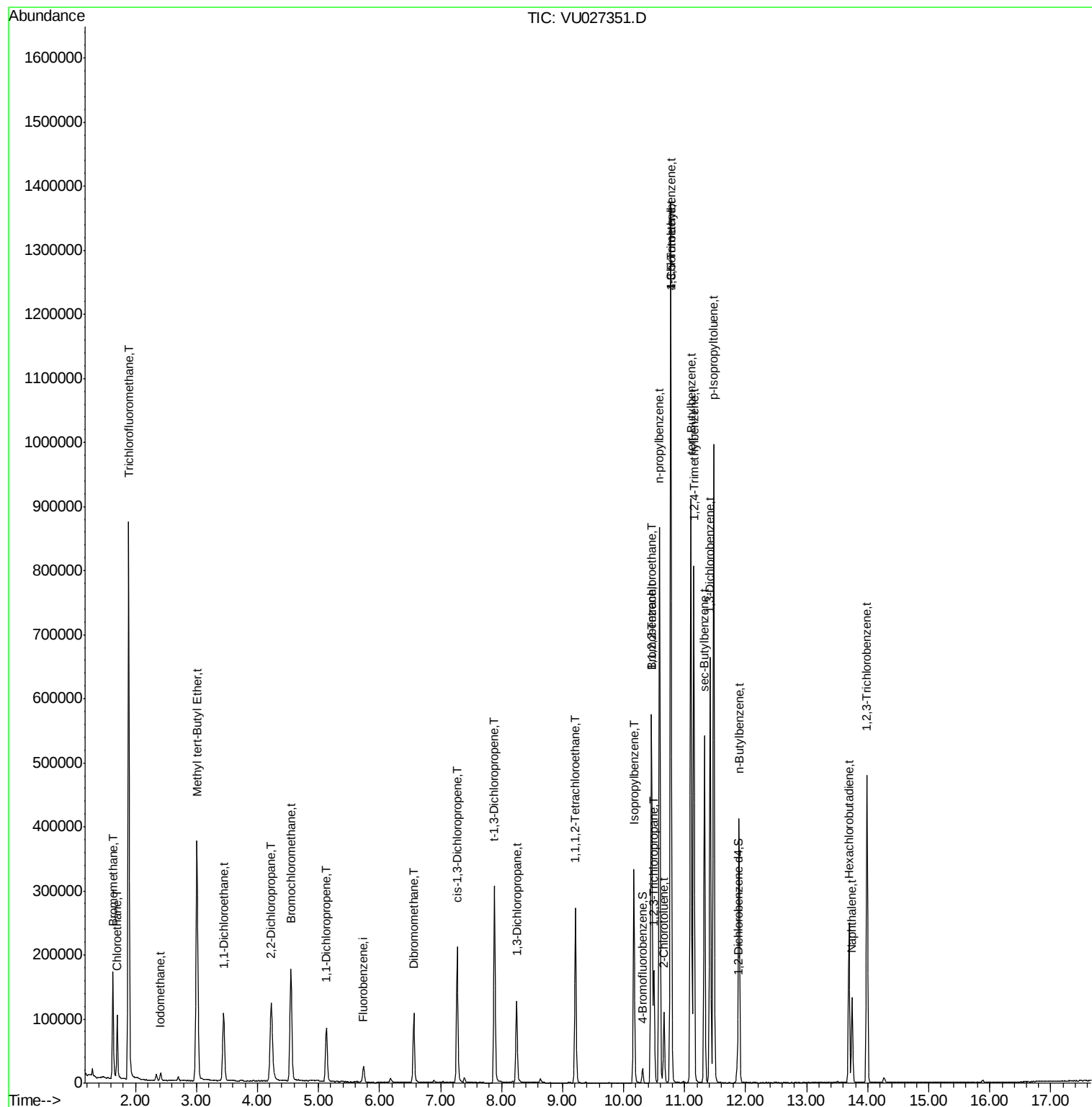
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	5.74	96	22717	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	7652	0.89	ug/l	0.00
Spiked Amount 1.000			Recovery	=	89.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	7387	1.01	ug/l	0.00
Spiked Amount 1.000			Recovery	=	101.00%	
Target Compounds					Ovalue	
5) Bromomethane	1.63	94	74211	19.710	ug/l	97
6) Chloroethane	1.70	64	62945	11.154	ug/l	98
7) Trichlorofluoromethane	1.89	101	561568	53.837	ug/l	98
10) Iodomethane	2.41	142	11105	1.928	ug/l	99
17) 1,1-Dichloroethane	3.45	63	119606	8.336	ug/l	100
21) 2,2-Dichloropropane	4.23	77	102017	8.302	ug/l	94
25) Methyl tert-Butyl Ether	3.01	73	373147	21.881	ug/l	100
26) Bromochloromethane	4.55	128	48405	18.387	ug/l	97
29) 1,1-Dichloropropene	5.13	75	46662	4.877	ug/l	99
43) Dibromomethane	6.56	93	44251	12.574	ug/l	99
50) t-1,3-Dichloropropene	7.88	75	161108	18.996	ug/l	99
51) cis-1,3-Dichloropropene	7.27	75	119454	11.756	ug/l	96
53) 1,3-Dichloropropane	8.25	76	69161	7.360	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.21	131	71443	11.649	ug/l	98
69) Isopropylbenzene	10.17	105	189329	7.366	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.46	83	138185	20.653	ug/l	99
71) 1,2,3-Trichloropropane	10.50	75	72488	14.042	ug/l #	88
72) Bromobenzene	10.45	156	80254	12.943	ug/l	97
73) n-propylbenzene	10.59	120	131040	18.934	ug/l	100
74) 2-Chlorotoluene	10.66	126	18511	2.927	ug/l	99
75) 1,3,5-Trimethylbenzene	10.77	105	411482	17.998	ug/l	100
76) 4-Chlorotoluene	10.77	126	95848	14.768	ug/l	96
77) tert-Butylbenzene	11.10	119	384219	17.799	ug/l	92
78) 1,2,4-Trimethylbenzene	11.15	105	417387	14.308	ug/l	99
79) sec-Butylbenzene	11.32	105	342484	11.564	ug/l	99
81) p-Isopropyltoluene	11.48	119	521118	16.669	ug/l	99
82) 1,3-Dichlorobenzene	11.42	146	245582	18.806	ug/l	99
84) n-Butylbenzene	11.89	91	209664	7.441	ug/l	100
88) Hexachlorobutadiene	13.69	225	43658	8.618	ug/l	97
89) Naphthalene	13.75	128	96957	7.178	ug/l	100
90) 1,2,3-Trichlorobenzene	13.99	180	136078	17.966	ug/l	99
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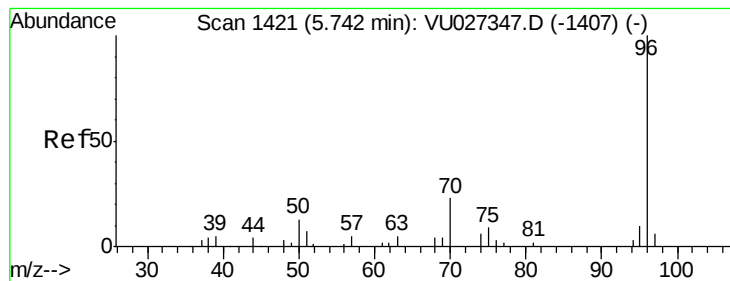
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU100318\
Data File : VU027351.D
Acq On : 02 Oct 2018 19:23
Operator : MD/SY
Sample : J4965-01
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
RR-UNRVOA-WS

Quant Time: Oct 03 09:37:06 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: VU027351.D

Acq: 02 Oct 2018 19:23

Instrument :

MSVOA_U

ClientSampleId :

RR-UNRVOA-WS

Tot Ion: 96 Resp: 22717

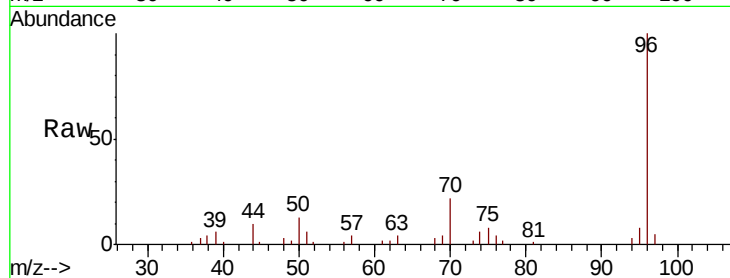
Ion Ratio Lower Upper

96 100

70 21.7 19.2 28.8

95 9.0 7.7 11.5

97 5.6 0.0 0.0#

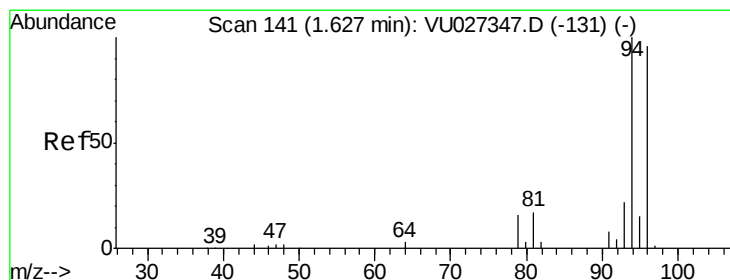
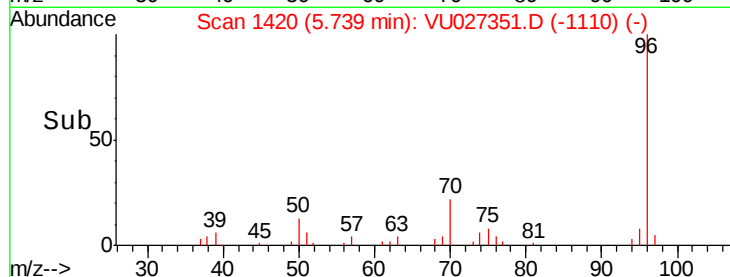
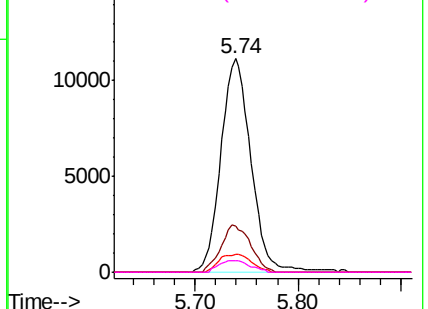


Abundance Ion 96.00 (95.70 to 96.70): VU0

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: 19.710 ug/l

RT: 1.63 min Scan# 142

Delta R.T. 0.00 min

Lab File: VU027351.D

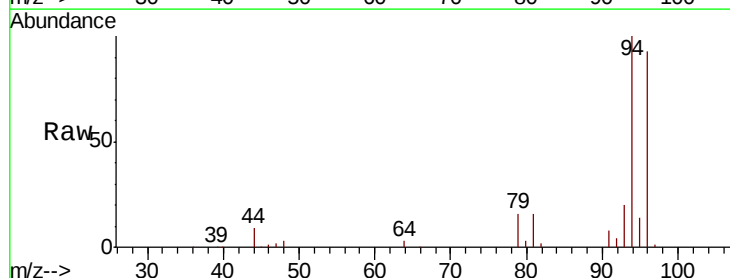
Acq: 02 Oct 2018 19:23

Tgt Ion: 94 Resp: 74211

Ion Ratio Lower Upper

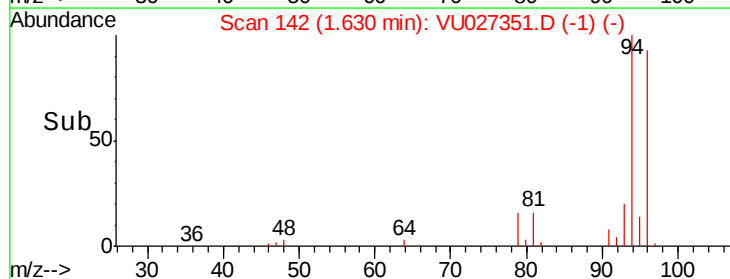
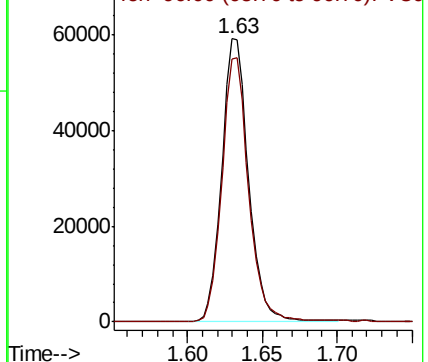
94 100

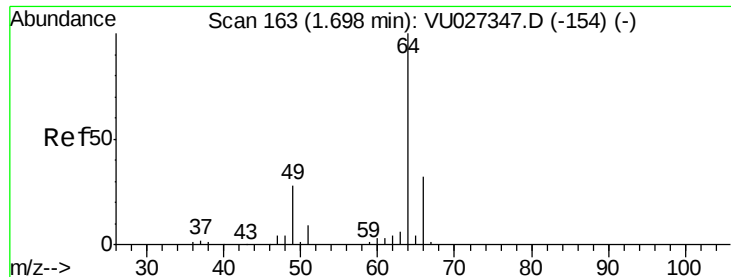
96 92.9 77.0 115.6



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0

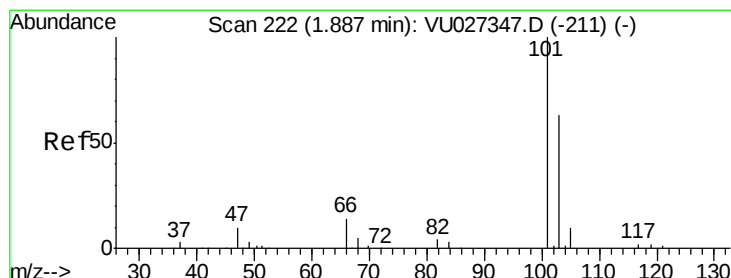
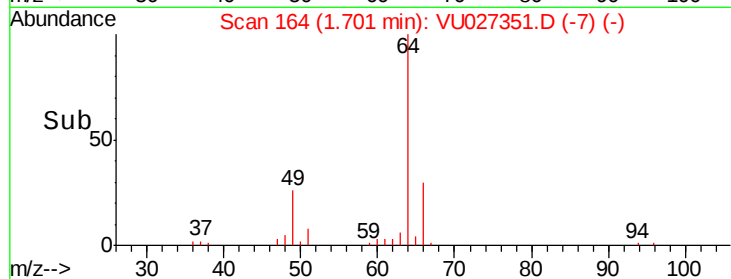
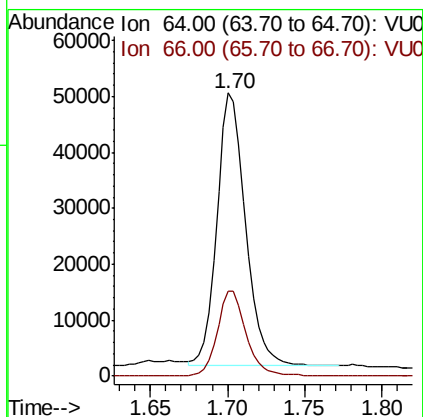
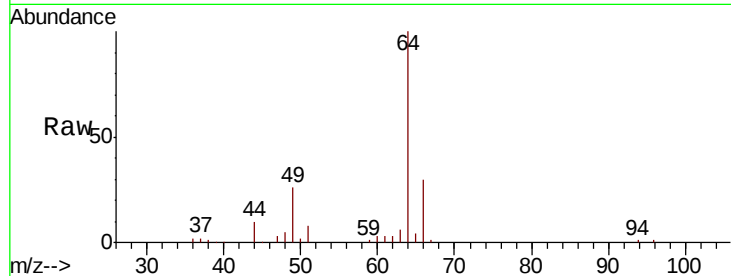




#6
 Chloroethane
 Concen: 11.154 ug/l
 RT: 1.70 min Scan# 164
 Delta R.T. 0.00 min
 Lab File: VU027351.D
 Acq: 02 Oct 2018 19:23

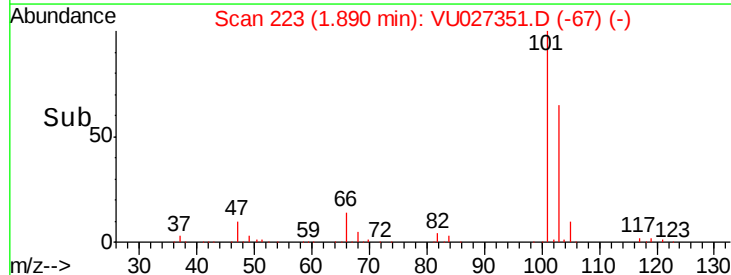
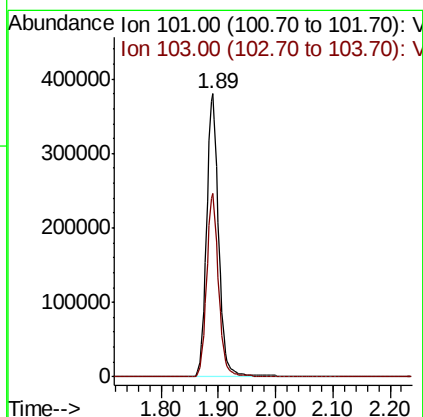
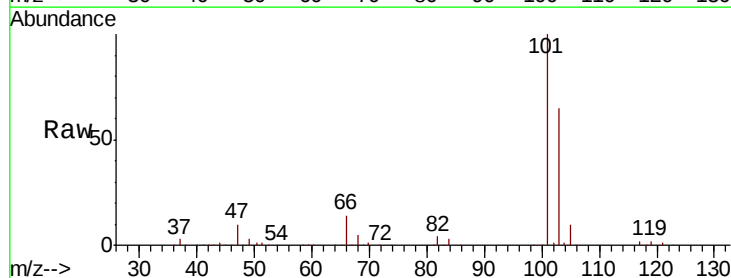
Instrument :
 MSVOA_U
 ClientSampleId :
 RR-UNRVOA-WS

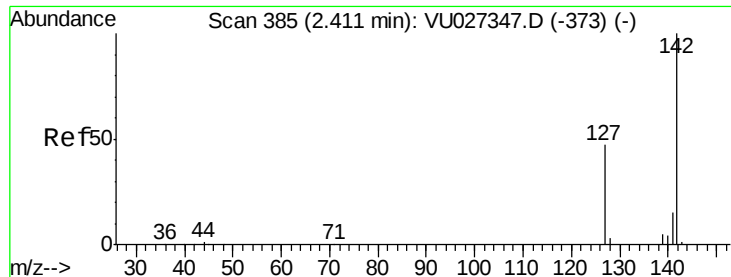
Tot Ion: 64 Resp: 62945
 Ion Ratio Lower Upper
 64 100
 66 30.7 25.3 37.9



#7
 Trichlorofluoromethane
 Concen: 53.837 ug/l
 RT: 1.89 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VU027351.D
 Acq: 02 Oct 2018 19:23

Tgt Ion: 101 Resp: 561568
 Ion Ratio Lower Upper
 101 100
 103 64.9 50.8 76.2





#10

Iodomethane

Concen: 1.928 ug/l

RT: 2.41 min Scan# 386

Delta R.T. 0.00 min

Lab File: VU027351.D

Acq: 02 Oct 2018 19:23

Instrument :

MSVOA_U

ClientSampleId :

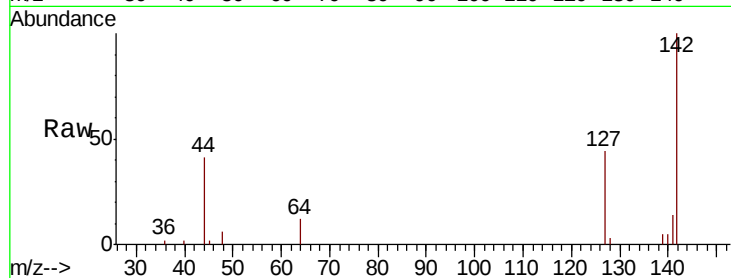
RR-UNRVOA-WS

Tot Ion:142 Resp: 11105

Ion Ratio Lower Upper

142 100

127 47.1 38.3 57.5



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

8000

6000

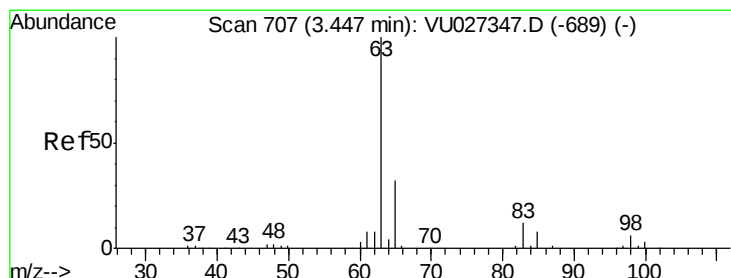
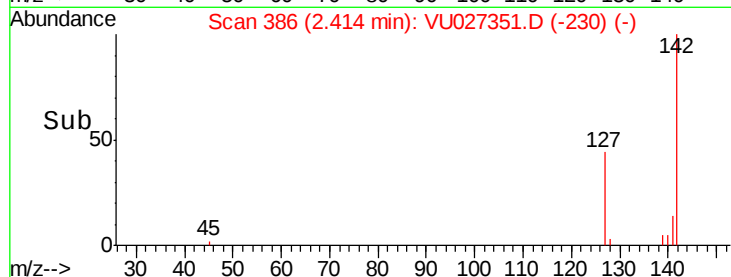
4000

2000

0

2.35 2.40 2.45

Time-->



#17

1,1-Dichloroethane

Concen: 8.336 ug/l

RT: 3.45 min Scan# 707

Delta R.T. -0.00 min

Lab File: VU027351.D

Acq: 02 Oct 2018 19:23

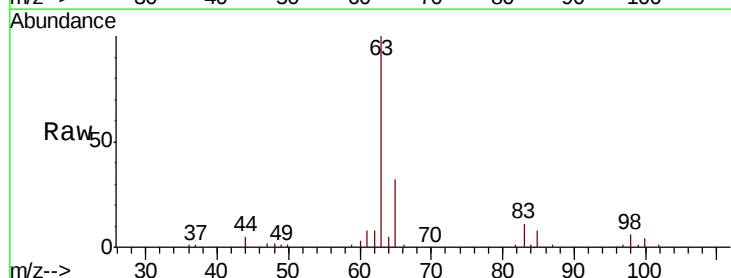
Tgt Ion: 63 Resp: 119606

Ion Ratio Lower Upper

63 100

98 5.6 2.9 8.6

100 3.8 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

60000

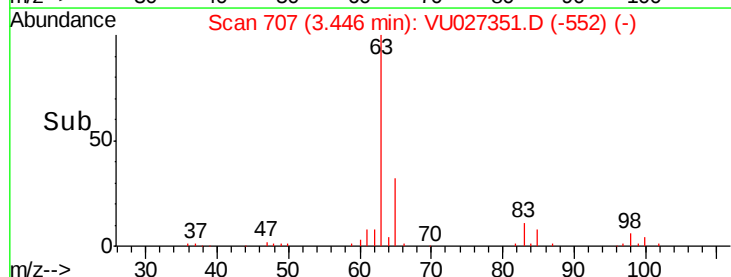
40000

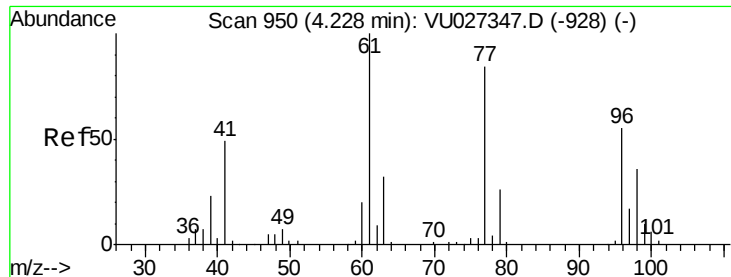
20000

0

3.35 3.40 3.45 3.50 3.55

Time-->

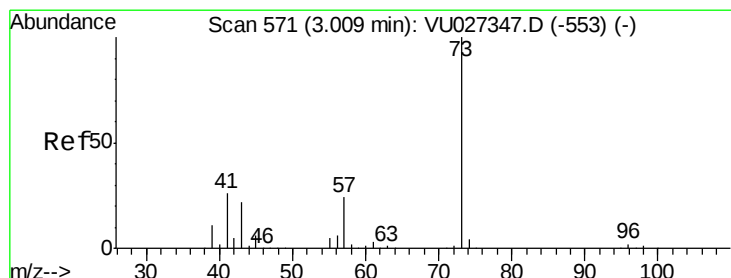
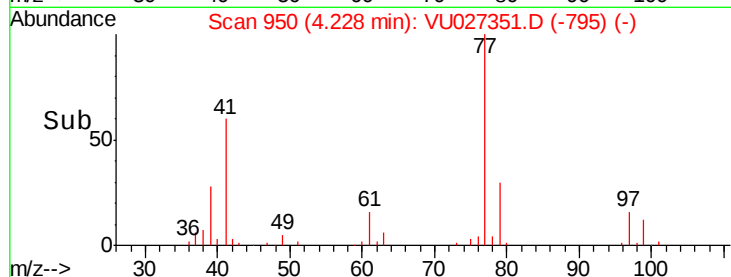
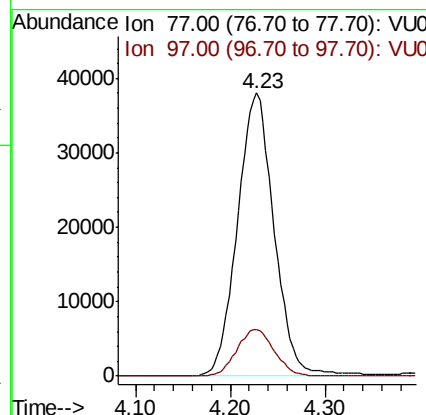
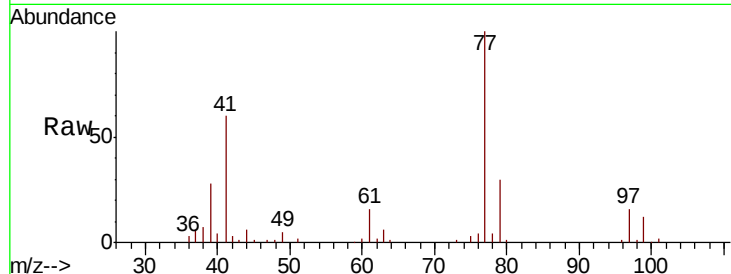




#21
 2,2-Dichloropropane
 Concen: 8.302 ug/l
 RT: 4.23 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: VU027351.D
 Acq: 02 Oct 2018 19:23

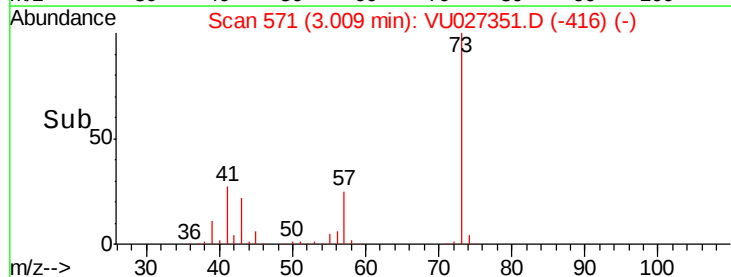
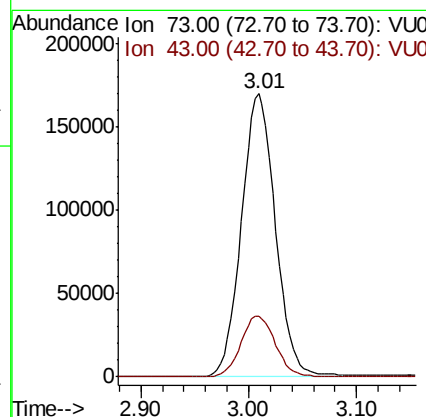
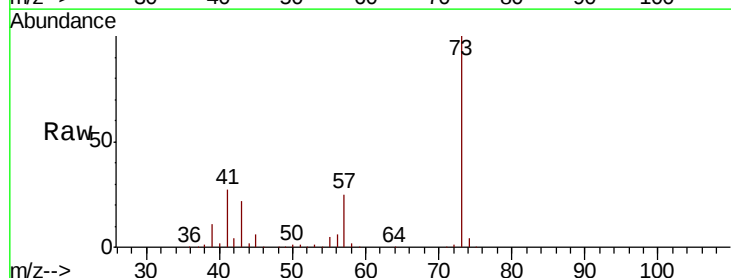
Instrument :
 MSVOA_U
 ClientSampleId :
 RR-UNRVOA-WS

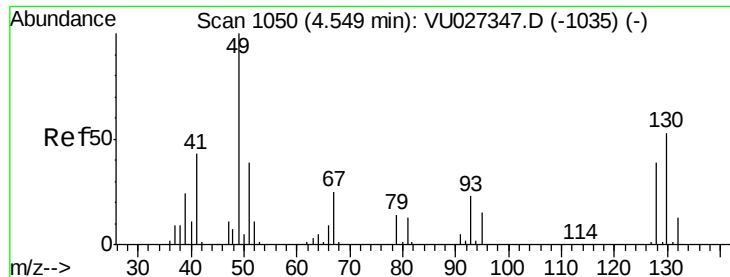
Tot Ion: 77 Resp: 102017
 Ion Ratio Lower Upper
 77 100
 97 17.1 16.0 24.0



#25
 Methyl tert-Butyl Ether
 Concen: 21.881 ug/l
 RT: 3.01 min Scan# 571
 Delta R.T. -0.00 min
 Lab File: VU027351.D
 Acq: 02 Oct 2018 19:23

Tgt Ion: 73 Resp: 373147
 Ion Ratio Lower Upper
 73 100
 43 22.1 17.6 26.4

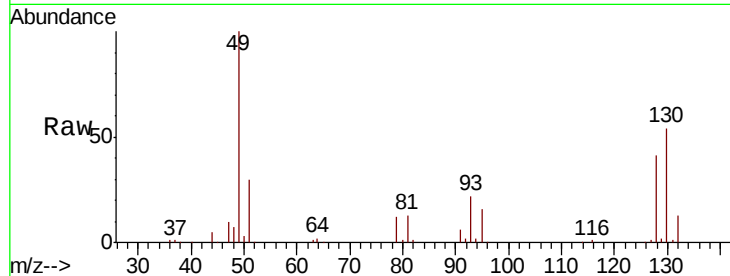




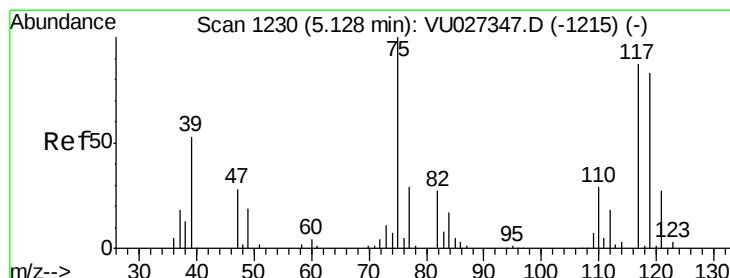
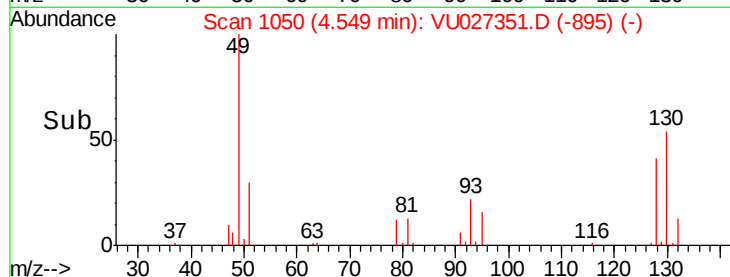
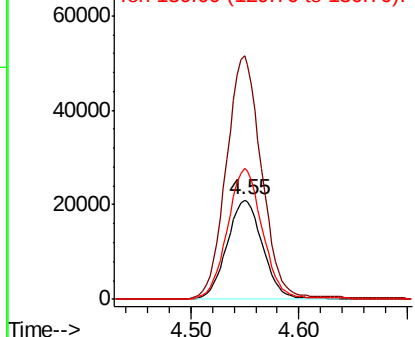
#26
Bromochloromethane
Concen: 18.387 ug/l
RT: 4.55 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VU027351.D
Acq: 02 Oct 2018 19:23

Instrument :
MSVOA_U
ClientSampleId :
RR-UNRVOA-WS

Tot Ion:128 Resp: 48405
Ion Ratio Lower Upper
128 100
49 242.0 0.0 498.8
130 130.9 103.8 155.8

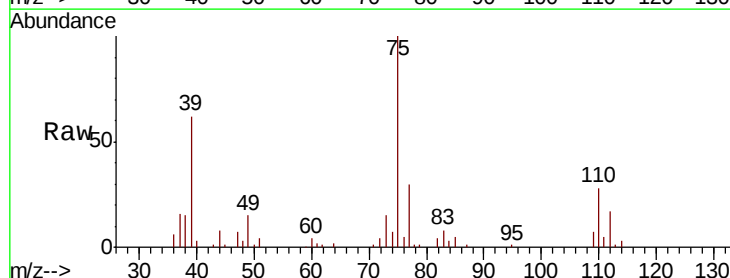


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VU0
Ion 130.00 (129.70 to 130.70): V

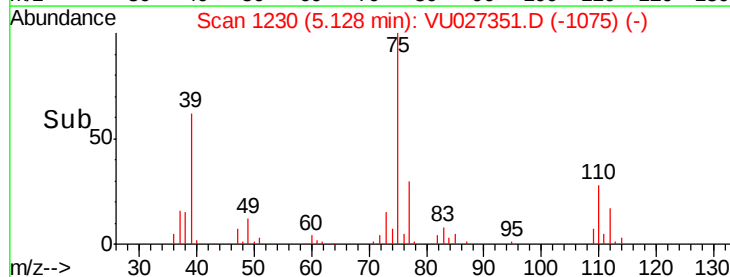
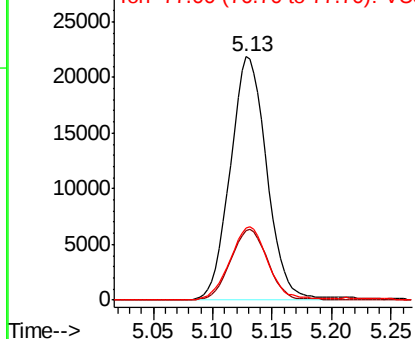


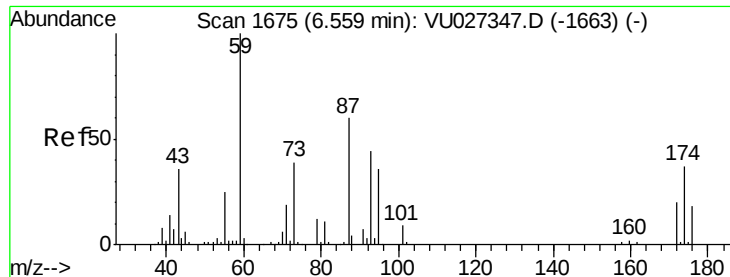
#29
1,1-Dichloropropene
Concen: 4.877 ug/l
RT: 5.13 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VU027351.D
Acq: 02 Oct 2018 19:23

Tgt Ion: 75 Resp: 46662
Ion Ratio Lower Upper
75 100
110 29.2 15.0 45.0
77 30.8 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: 12.574 ug/l

RT: 6.56 min Scan# 1676

Delta R.T. 0.00 min

Lab File: VU027351.D

Acq: 02 Oct 2018 19:23

Instrument :

MSVOA_U

ClientSampleId :

RR-UNRVOA-WS

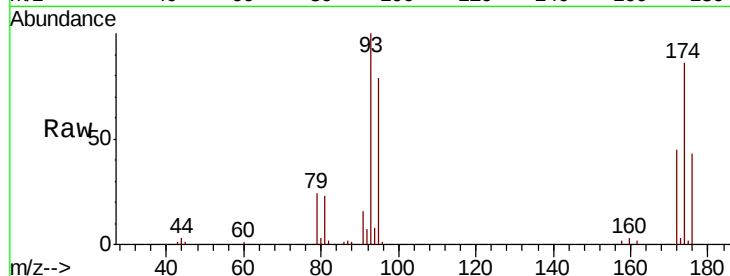
Tot Ion: 93 Resp: 44251

Ion Ratio Lower Upper

93 100

95 81.4 64.7 97.1

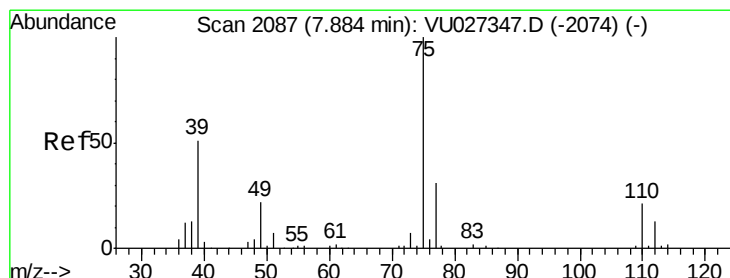
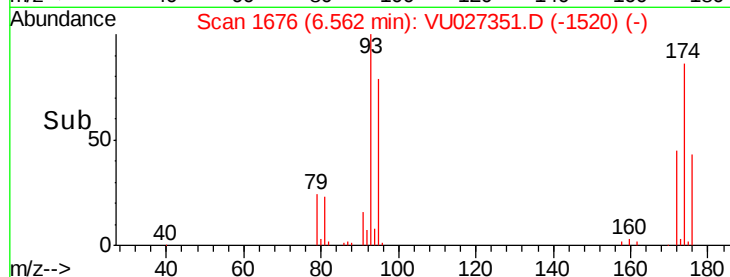
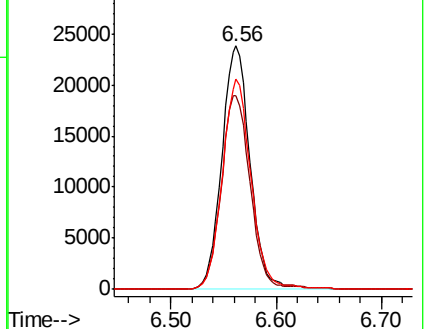
174 87.2 68.2 102.4



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): VU0



#50

t-1,3-Dichloropropene

Concen: 18.996 ug/l

RT: 7.88 min Scan# 2087

Delta R.T. -0.00 min

Lab File: VU027351.D

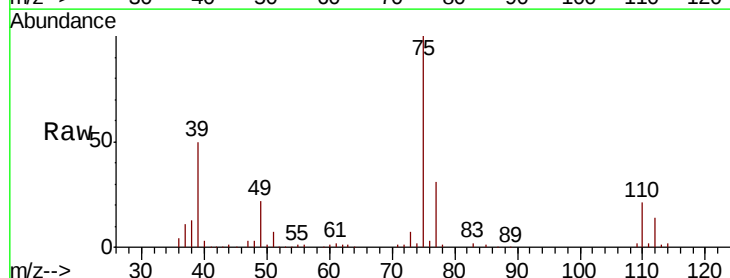
Acq: 02 Oct 2018 19:23

Tgt Ion: 75 Resp: 161108

Ion Ratio Lower Upper

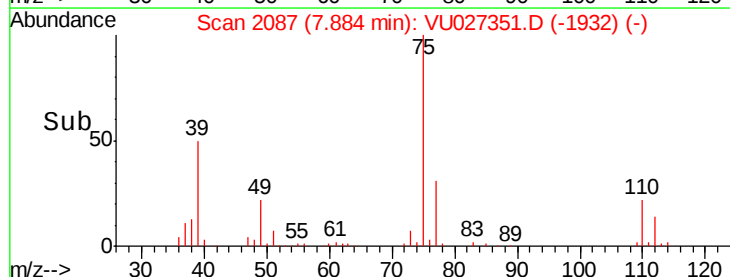
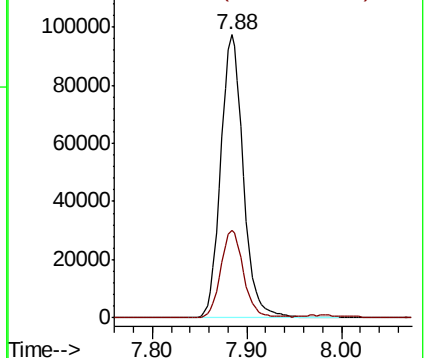
75 100

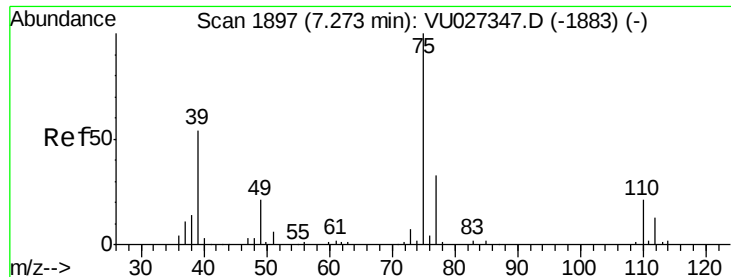
77 31.1 24.6 36.8



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

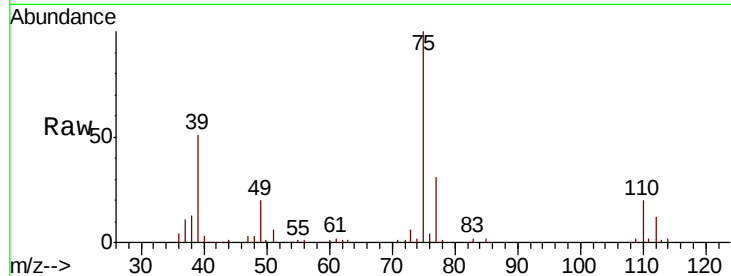




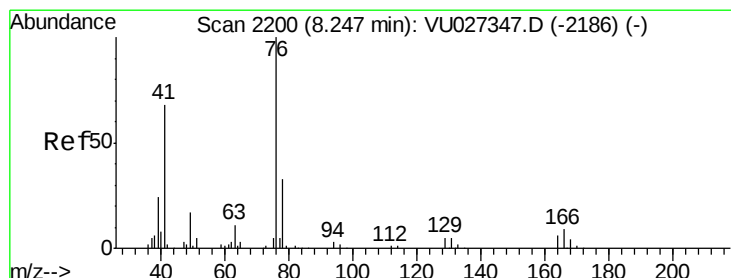
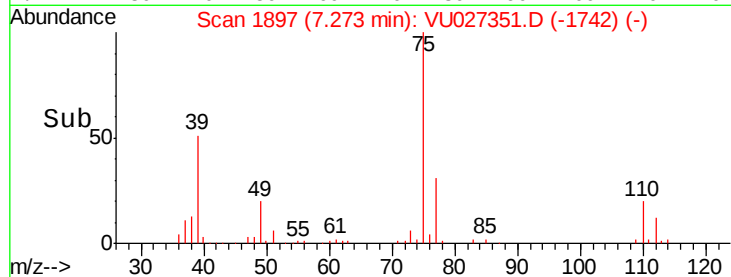
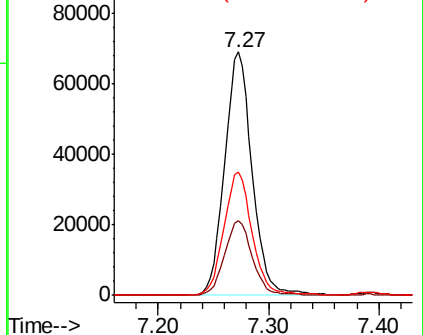
#51
 cis-1,3-Dichloropropene
 Concen: 11.756 ug/l
 RT: 7.27 min Scan# 1897
 Delta R.T. -0.00 min
 Lab File: VU027351.D
 Acq: 02 Oct 2018 19:23

Instrument :
 MSVOA_U
 ClientSampleId :
 RR-UNRVOA-WS

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.5	26.1	39.1
39	50.9	43.1	64.7

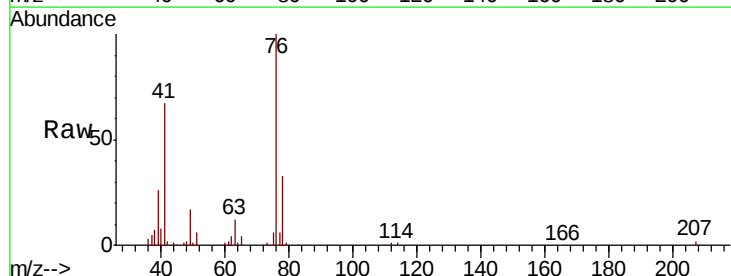


Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0
 Ion 39.00 (38.70 to 39.70): VU0

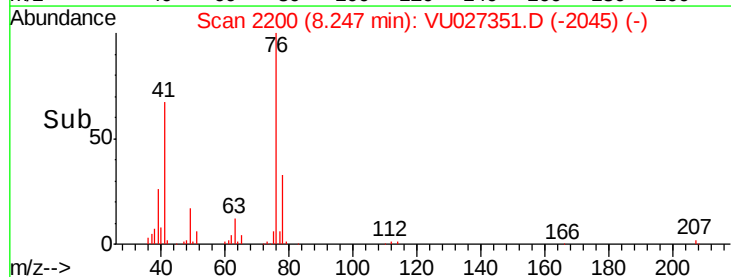
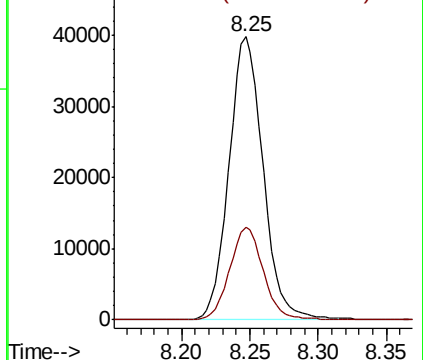


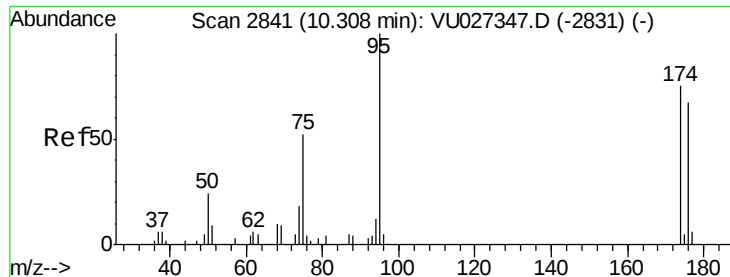
#53
 1,3-Dichloropropane
 Concen: 7.360 ug/l
 RT: 8.25 min Scan# 2200
 Delta R.T. -0.00 min
 Lab File: VU027351.D
 Acq: 02 Oct 2018 19:23

Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.7	38.5



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

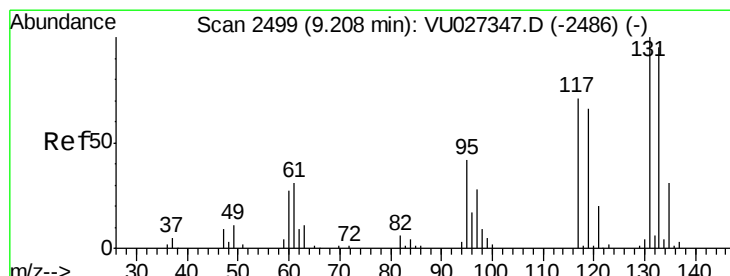
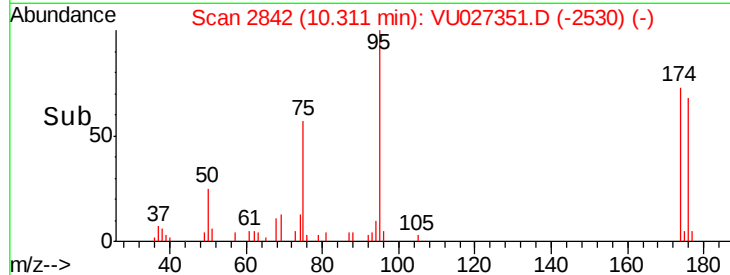
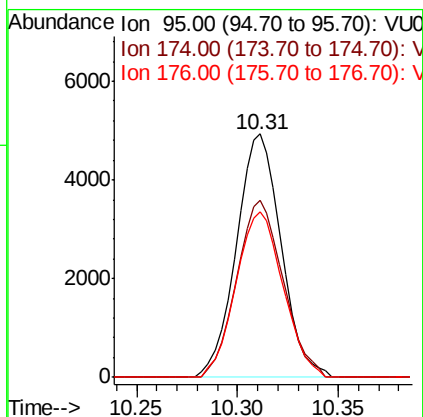
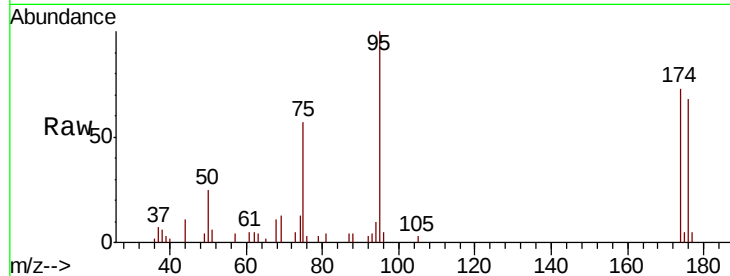




#57
 4-Bromofluorobenzene
 Concen: N.D. ug/l
 RT: 10.31 min Scan# 2842
 Delta R.T. 0.00 min
 Lab File: VU027351.D
 Acq: 02 Oct 2018 19:23

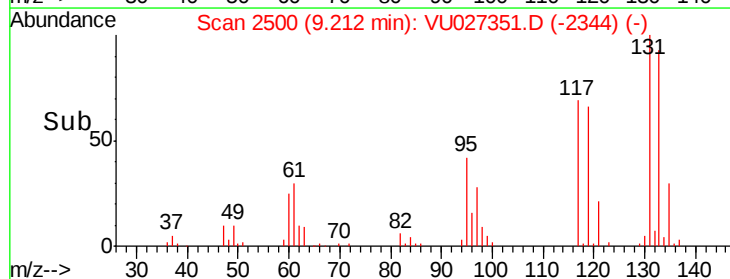
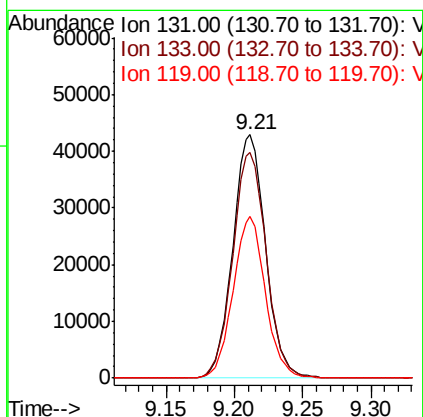
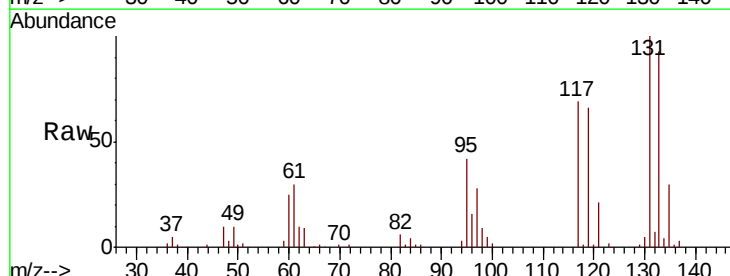
Instrument :
 MSVOA_U
 ClientSampleId :
 RR-UNRVOA-WS

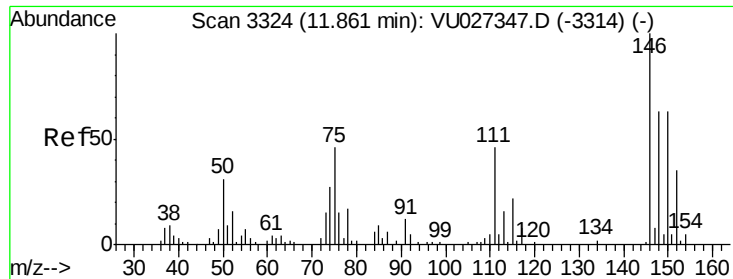
Tot Ion: 95 Resp: 7652
 Ion Ratio Lower Upper
 95 100
 174 75.6 61.0 91.6
 176 71.6 57.2 85.8



#60
 1,1,1,2-Tetrachloroethane
 Concen: 11.649 ug/l
 RT: 9.21 min Scan# 2500
 Delta R.T. 0.00 min
 Lab File: VU027351.D
 Acq: 02 Oct 2018 19:23

Tgt Ion: 131 Resp: 71443
 Ion Ratio Lower Upper
 131 100
 133 94.9 77.1 115.7
 119 65.3 53.6 80.4





#68

1,2-Dichlorobenzene-d4

Concen: N.D. ug/l

RT: 11.86 min Scan# 3325

Delta R.T. 0.00 min

Lab File: VU027351.D

Acq: 02 Oct 2018 19:23

Instrument :

MSVOA_U

ClientSampleId :

RR-UNRVOA-WS

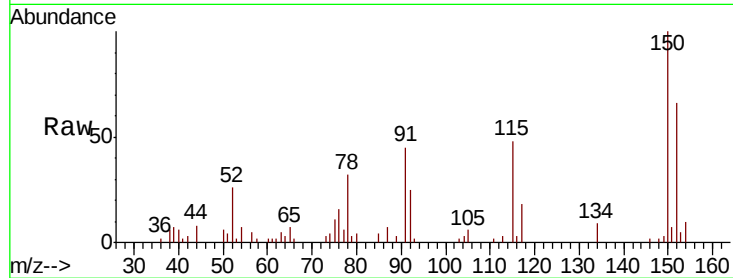
Tot Ion:152 Resp: 7387

Ion Ratio Lower Upper

152 100

115 65.4 0.0 131.6

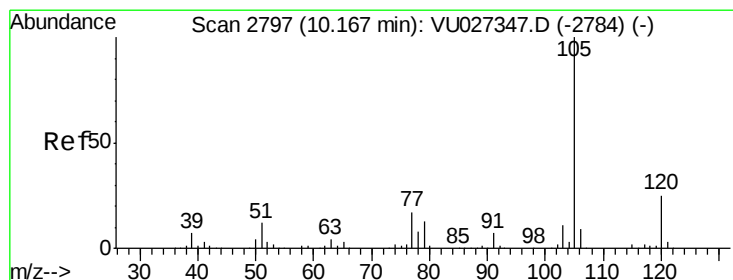
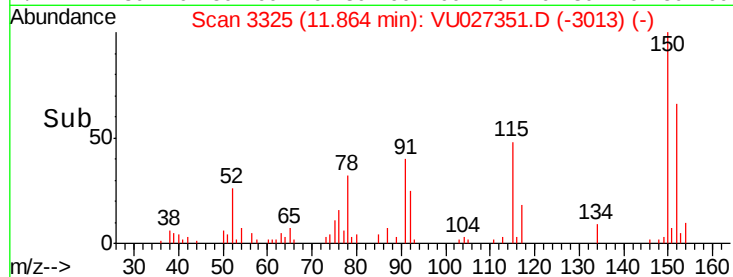
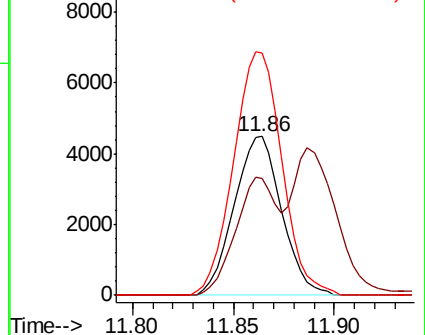
150 156.0 0.0 0.0#



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: 7.366 ug/l

RT: 10.17 min Scan# 2798

Delta R.T. 0.00 min

Lab File: VU027351.D

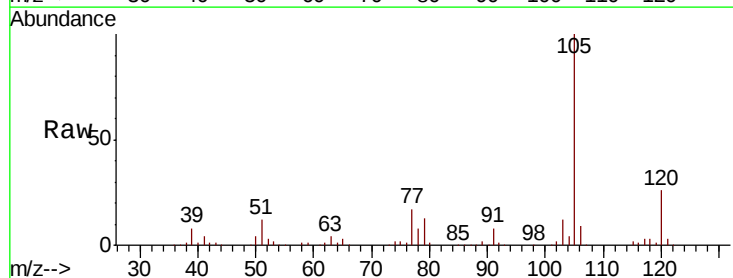
Acq: 02 Oct 2018 19:23

Tgt Ion:105 Resp: 189329

Ion Ratio Lower Upper

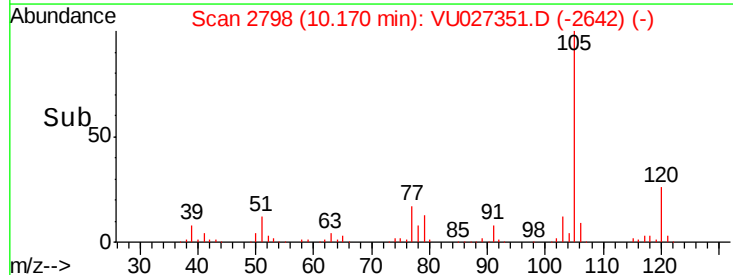
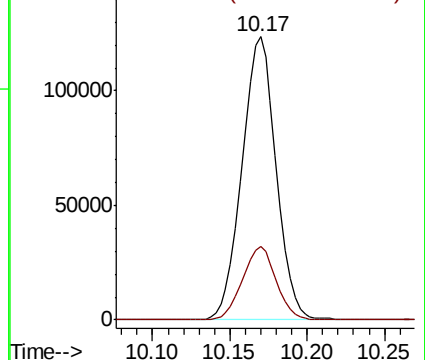
105 100

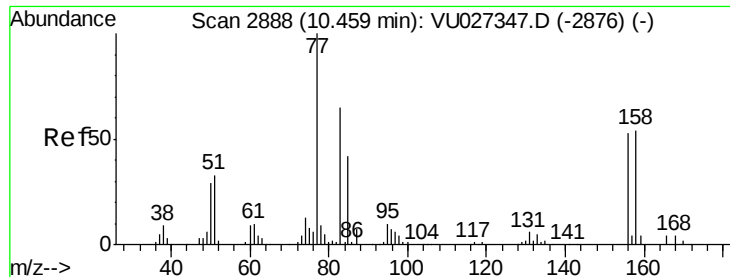
120 25.7 12.7 38.1



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: 20.653 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. -0.00 min

Lab File: VU027351.D

Acq: 02 Oct 2018 19:23

Instrument :

MSVOA_U

ClientSampleId :

RR-UNRVOA-WS

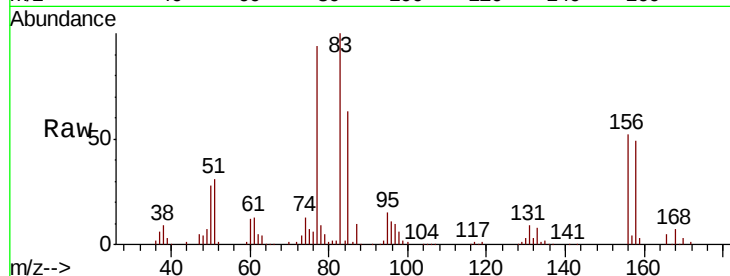
Tot Ion: 83 Resp: 138185

Ion Ratio Lower Upper

83 100

131 8.4 7.0 10.6

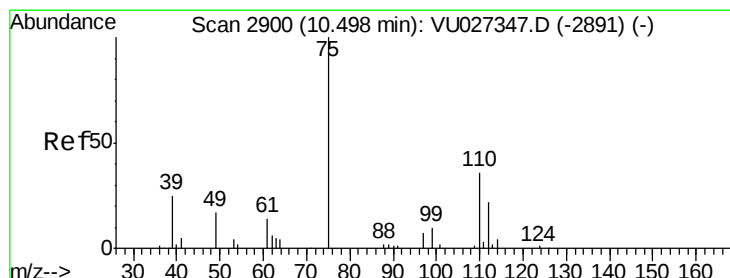
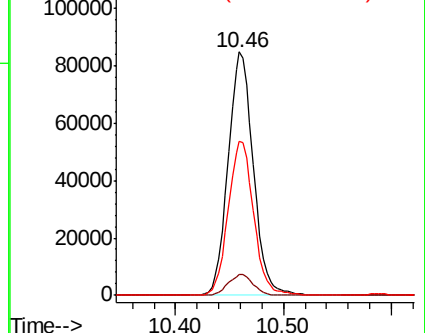
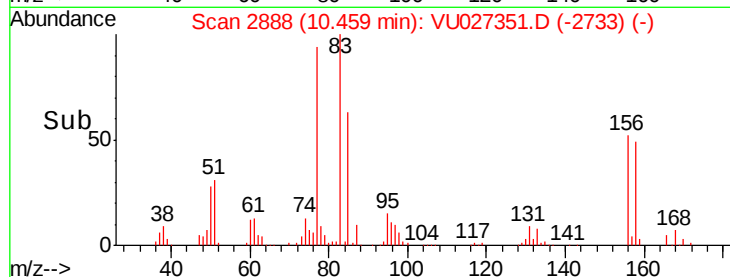
85 63.8 51.4 77.0



Abundance Ion 83.00 (82.70 to 83.70): VU027351.D (-2733) (-)

Ion 131.00 (130.70 to 131.70): VU027351.D (-2733) (-)

Ion 85.00 (84.70 to 85.70): VU027351.D (-2733) (-)



#71

1,2,3-Trichloropropane

Concen: 14.042 ug/l

RT: 10.50 min Scan# 2900

Delta R.T. -0.00 min

Lab File: VU027351.D

Acq: 02 Oct 2018 19:23

Tgt Ion: 75 Resp: 72488

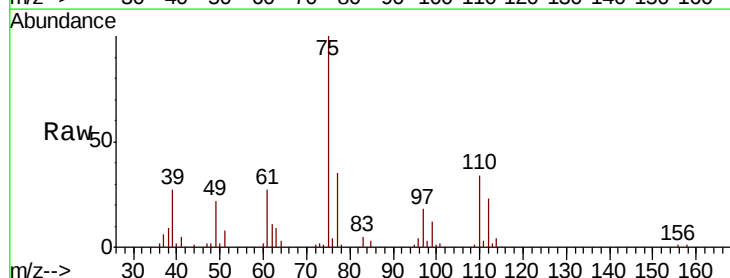
Ion Ratio Lower Upper

75 100

77 31.9 0.0 16.6#

110 33.6 0.0 65.4

97 17.3 0.0 31.4

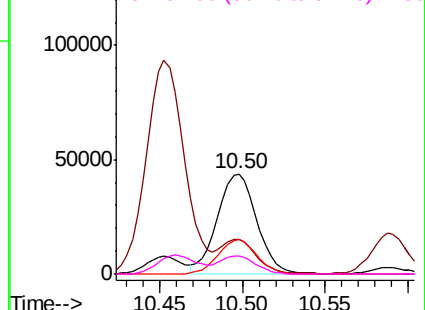
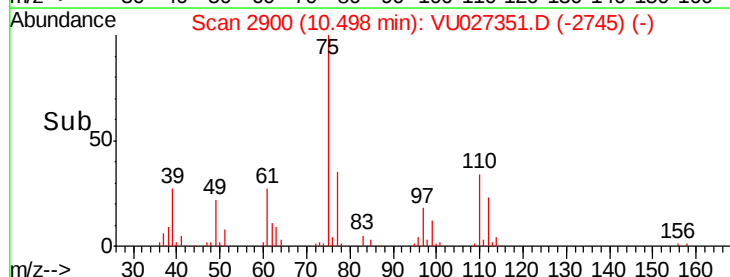


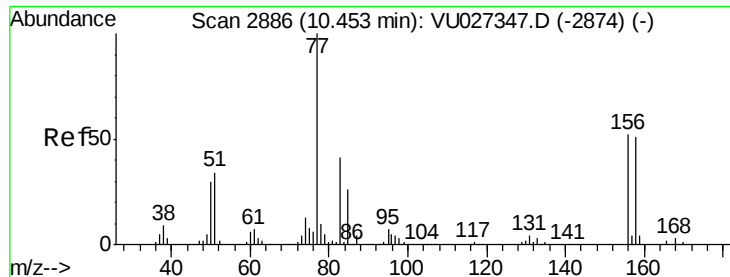
Abundance Ion 75.00 (74.70 to 75.70): VU027351.D (-2745) (-)

Ion 77.00 (76.70 to 77.70): VU027351.D (-2745) (-)

Ion 110.00 (109.70 to 110.70): VU027351.D (-2745) (-)

Ion 97.00 (96.70 to 97.70): VU027351.D (-2745) (-)





#72

Bromobenzene

Concen: 12.943 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. -0.00 min

Lab File: VU027351.D

Acq: 02 Oct 2018 19:23

Instrument :

MSVOA_U

ClientSampleId :

RR-UNRVOA-WS

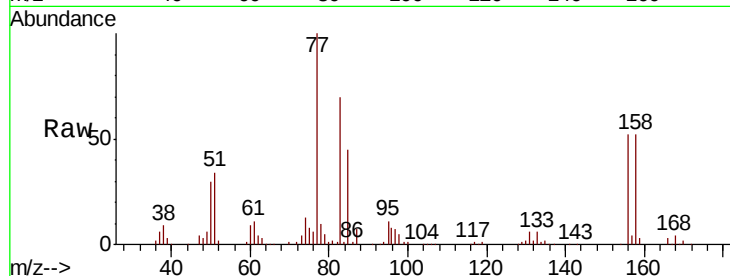
Tot Ion:156 Resp: 80254

Ion Ratio Lower Upper

156 100

77 188.4 0.0 387.6

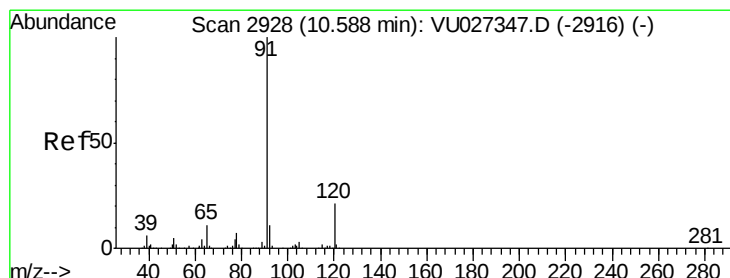
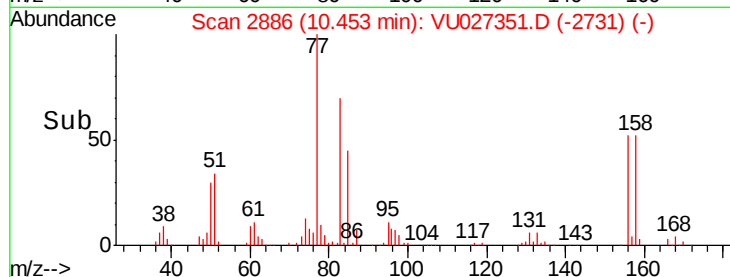
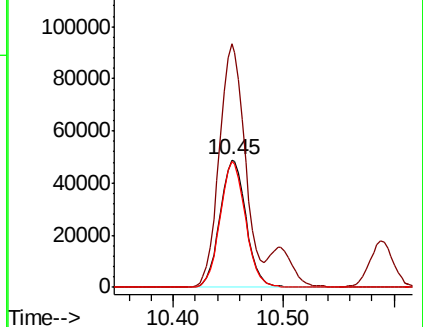
158 96.4 0.0 196.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 158.00 (157.70 to 158.70): V



#73

n-propylbenzene

Concen: 18.934 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. -0.00 min

Lab File: VU027351.D

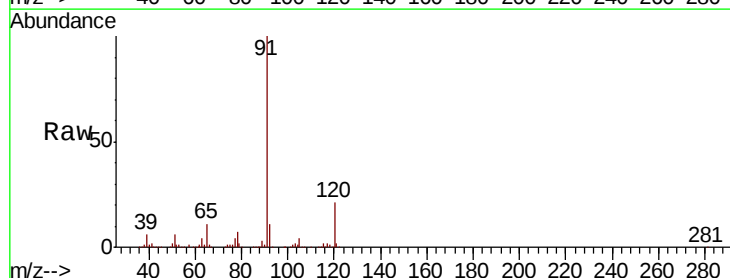
Acq: 02 Oct 2018 19:23

Tgt Ion:120 Resp: 131040

Ion Ratio Lower Upper

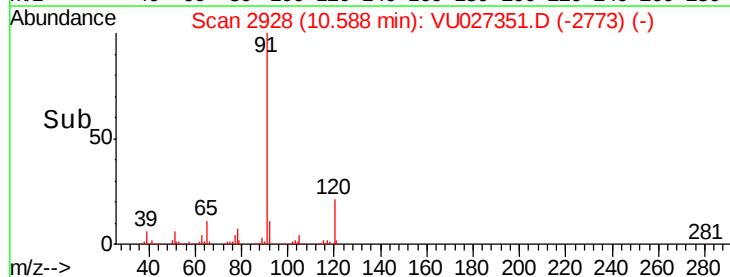
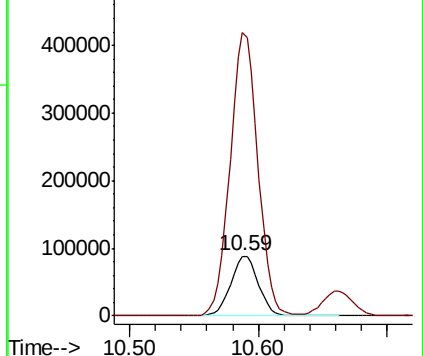
120 100

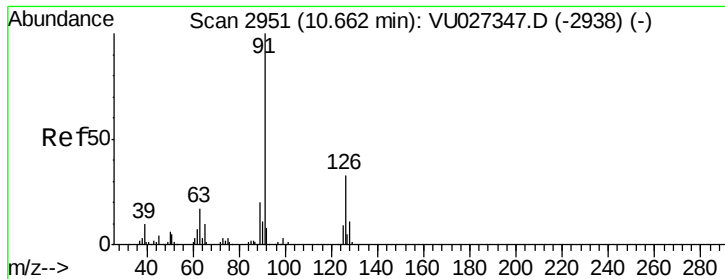
91 476.6 381.4 572.0



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0





#74

2-Chlorotoluene

Concen: 2.927 ug/l

RT: 10.66 min Scan# 2951

Delta R.T. -0.00 min

Lab File: VU027351.D

Acq: 02 Oct 2018 19:23

Instrument :

MSVOA_U

ClientSampleId :

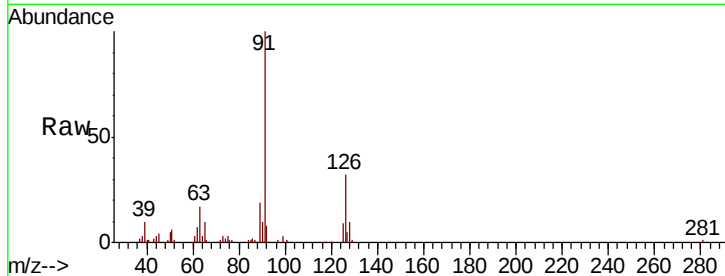
RR-UNRVOA-WS

Tot Ion:126 Resp: 18511

Ion Ratio Lower Upper

126 100

91 321.8 0.0 639.0



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

500000

400000

300000

200000

100000

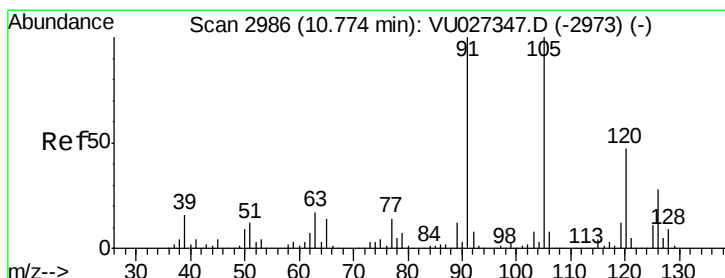
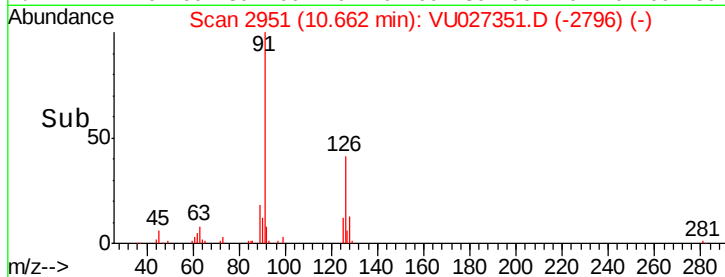
0

10.60

10.65

10.70

Time-->



#75

1,3,5-Trimethylbenzene

Concen: 17.998 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. -0.00 min

Lab File: VU027351.D

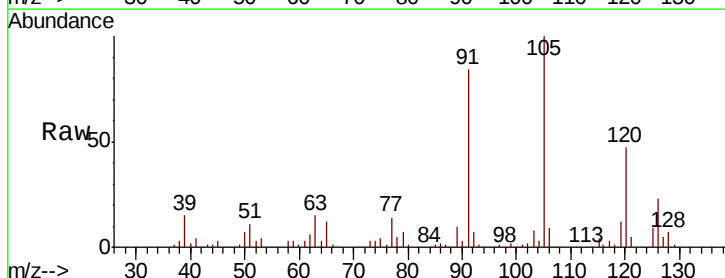
Acq: 02 Oct 2018 19:23

Tgt Ion:105 Resp: 411482

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

300000

250000

200000

150000

100000

50000

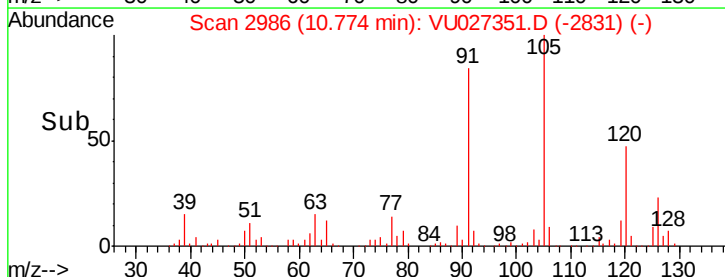
0

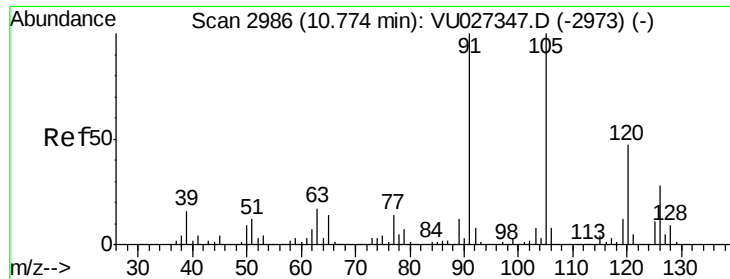
10.70

10.75

10.80

Time-->





#76

4-Chlorotoluene

Concen: 14.768 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. -0.00 min

Lab File: VU027351.D

Acq: 02 Oct 2018 19:23

Instrument :

MSVOA_U

ClientSampleId :

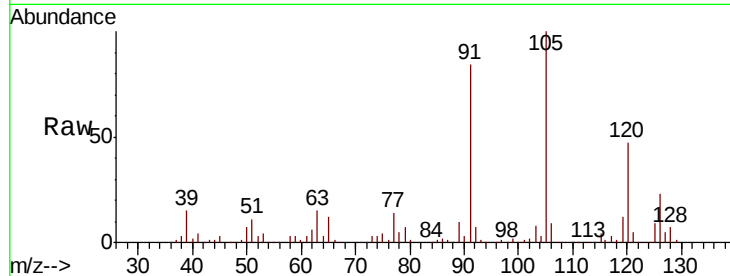
RR-UNRVOA-WS

Tot Ion:126 Resp: 95848

Ion Ratio Lower Upper

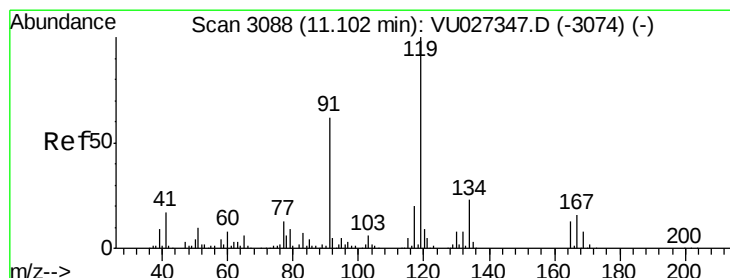
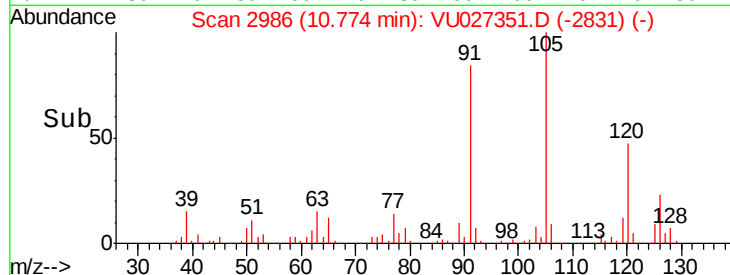
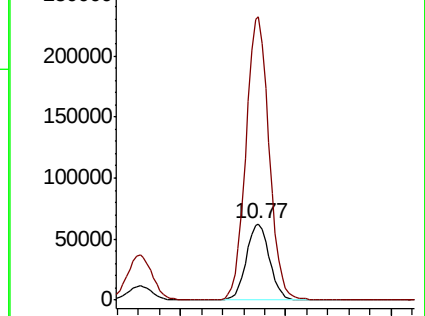
126 100

91 368.3 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: 17.799 ug/l

RT: 11.10 min Scan# 3088

Delta R.T. -0.00 min

Lab File: VU027351.D

Acq: 02 Oct 2018 19:23

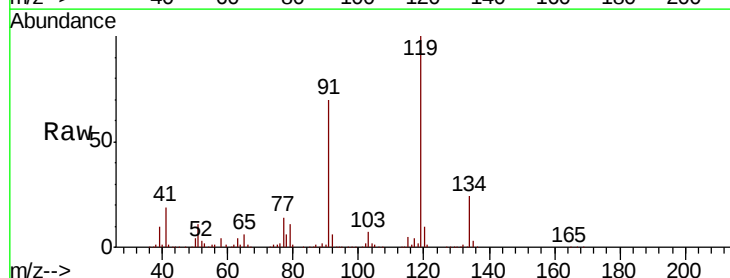
Tgt Ion:119 Resp: 384219

Ion Ratio Lower Upper

119 100

91 71.2 31.4 94.3

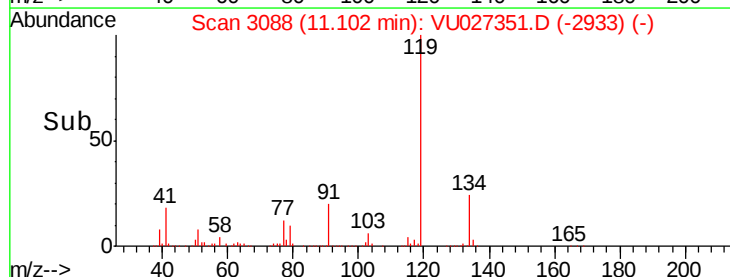
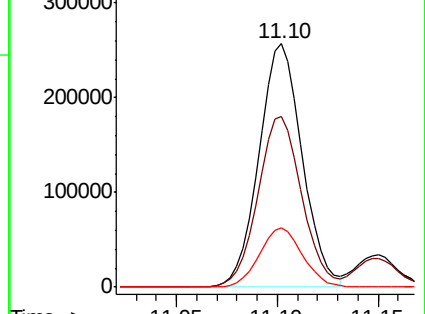
134 24.4 18.7 28.1

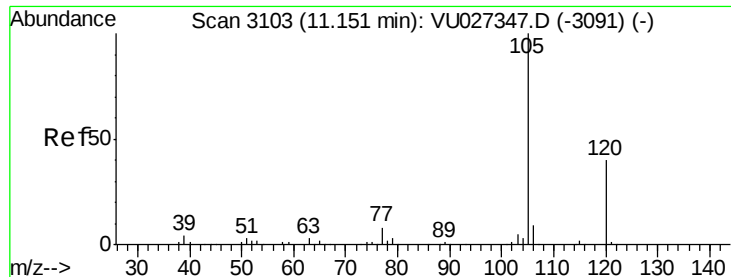


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VU0

Ion 134.00 (133.70 to 134.70): V

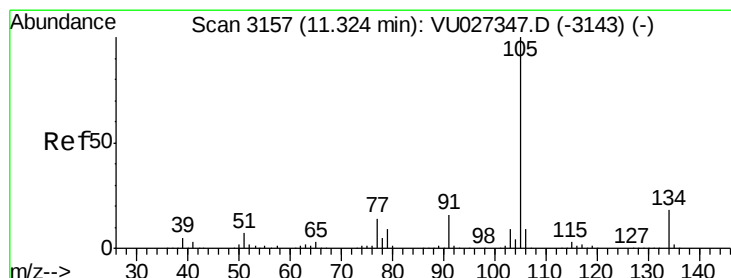
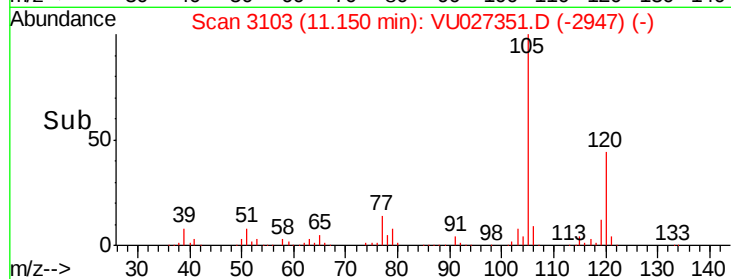
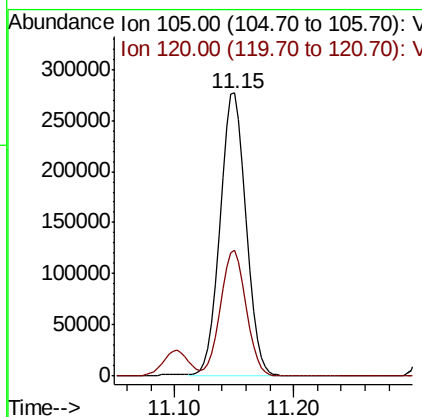
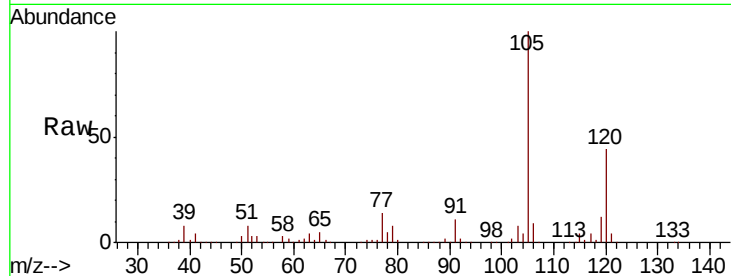




#78
 1,2,4-Trimethylbenzene
 Concen: 14.308 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. 0.00 min
 Lab File: VU027351.D
 Acq: 02 Oct 2018 19:23

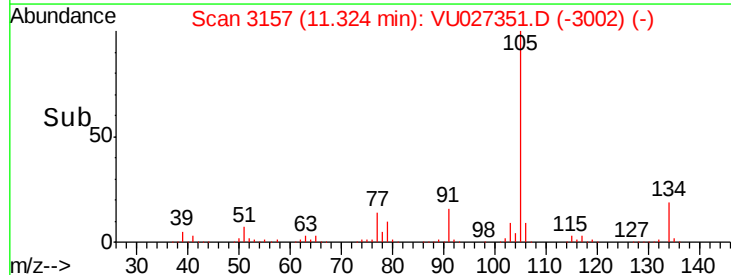
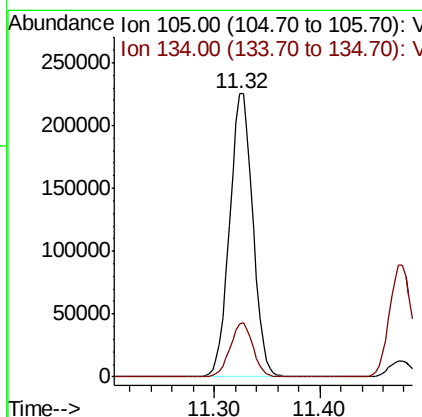
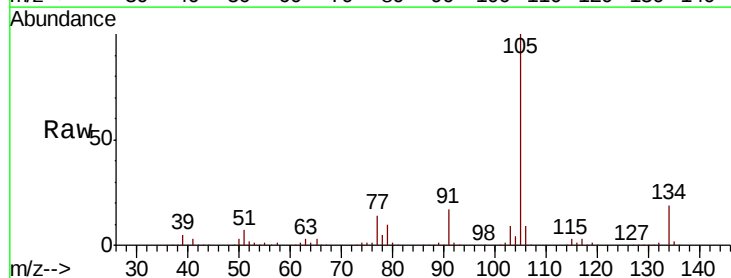
Instrument :
 MSVOA_U
 ClientSampleId :
 RR-UNRVOA-WS

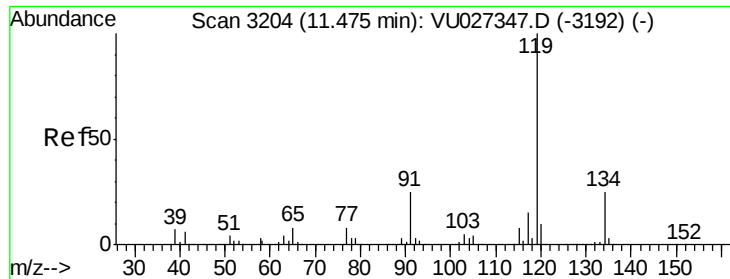
Tot Ion:105 Resp: 417387
 Ion Ratio Lower Upper
 105 100
 120 44.1 21.9 65.7



#79
 sec-Butylbenzene
 Concen: 11.564 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. -0.00 min
 Lab File: VU027351.D
 Acq: 02 Oct 2018 19:23

Tgt Ion:105 Resp: 342484
 Ion Ratio Lower Upper
 105 100
 134 18.8 14.8 22.2

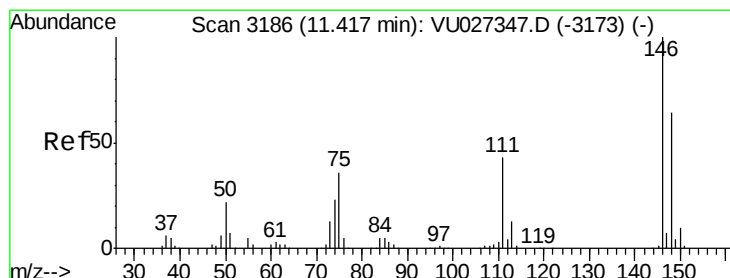
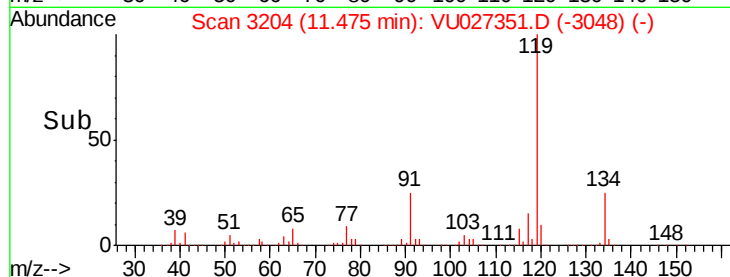
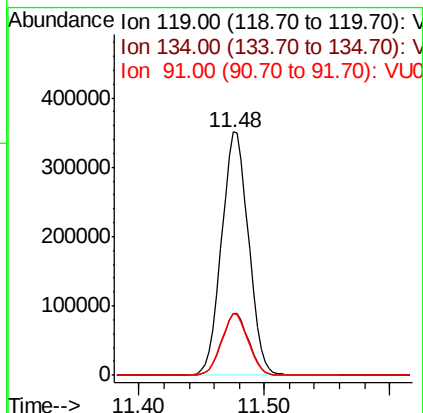
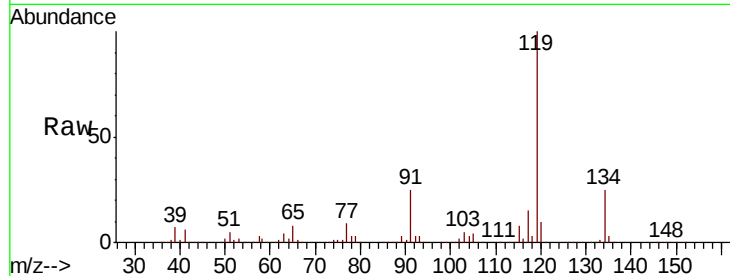




#81
 p-Isopropyltoluene
 Concen: 16.669 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. 0.00 min
 Lab File: VU027351.D
 Acq: 02 Oct 2018 19:23

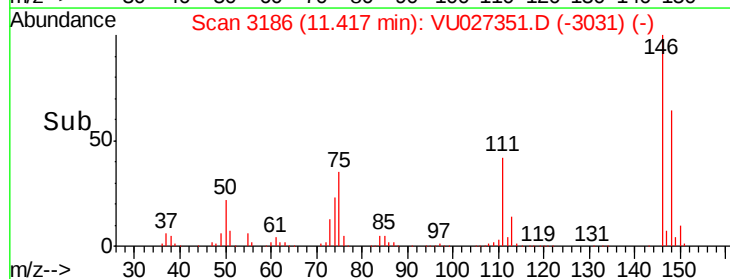
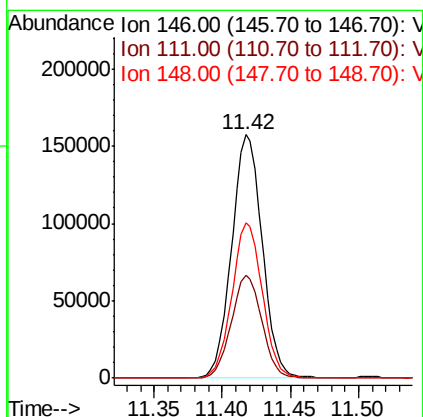
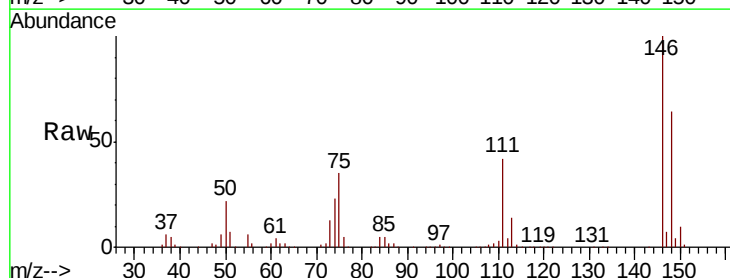
Instrument :
 MSVOA_U
 ClientSampleId :
 RR-UNRVOA-WS

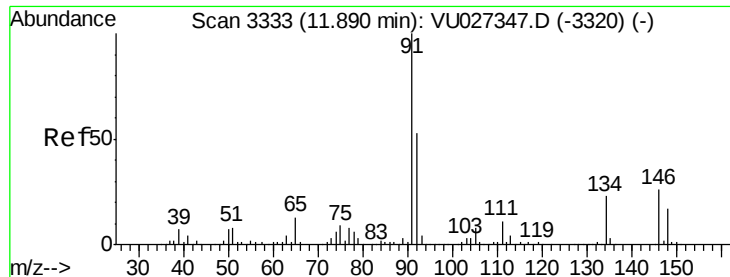
Tot Ion	Ratio	Lower	Upper
119	100		
134	25.5	20.2	30.2
91	25.0	19.6	29.4



#82
 1,3-Dichlorobenzene
 Concen: 18.806 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. -0.00 min
 Lab File: VU027351.D
 Acq: 02 Oct 2018 19:23

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.0	34.3	51.5
148	63.1	51.2	76.8

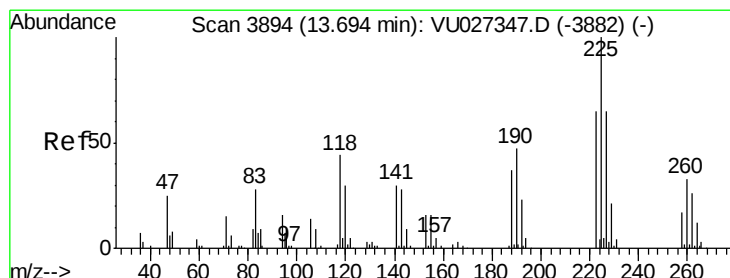
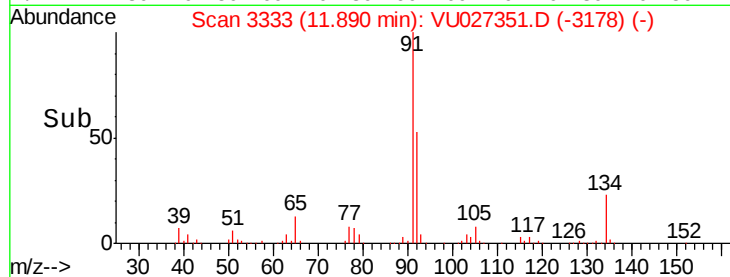
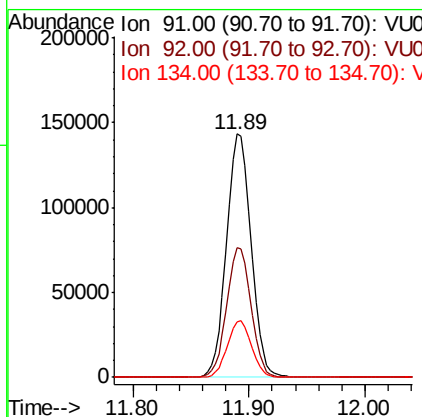
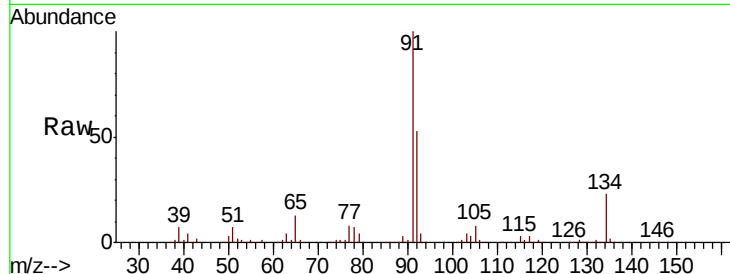




#84
n-Butylbenzene
Concen: 7.441 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. -0.00 min
Lab File: VU027351.D
Acq: 02 Oct 2018 19:23

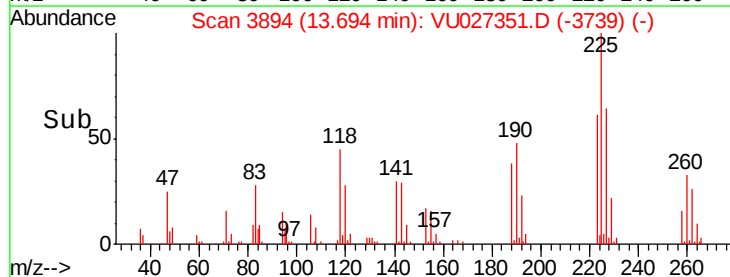
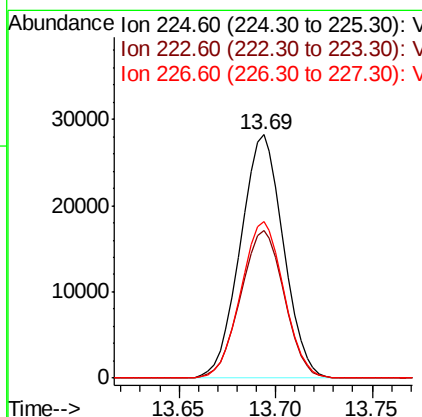
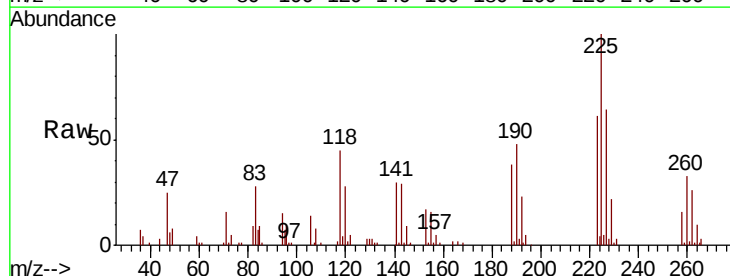
Instrument :
MSVOA_U
ClientSampleId :
RR-UNRVOA-WS

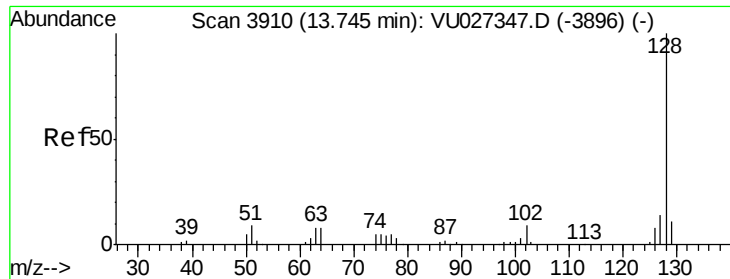
Tot Ion: 91 Resp: 209664
Ion Ratio Lower Upper
91 100
92 52.6 42.2 63.2
134 22.8 18.2 27.4



#88
Hexachlorobutadiene
Concen: 8.618 ug/l
RT: 13.69 min Scan# 3894
Delta R.T. -0.00 min
Lab File: VU027351.D
Acq: 02 Oct 2018 19:23

Tgt Ion: 225 Resp: 43658
Ion Ratio Lower Upper
225 100
223 61.4 51.4 77.0
227 64.3 52.3 78.5





#89

Naphthalene

Concen: 7.178 ug/l

RT: 13.75 min Scan# 3910

Delta R.T. -0.00 min

Lab File: VU027351.D

Acq: 02 Oct 2018 19:23

Instrument :

MSVOA_U

ClientSampleId :

RR-UNRVOA-WS

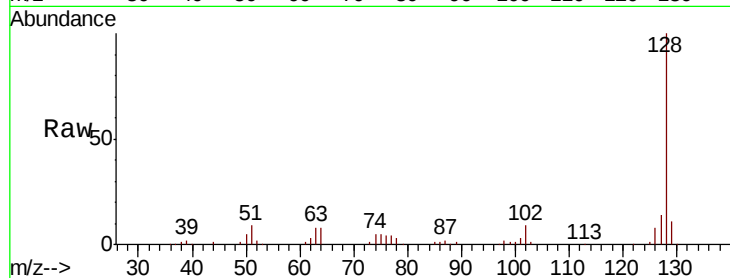
Tot Ion:128 Resp: 96957

Ion Ratio Lower Upper

128 100

127 13.6 10.7 16.1

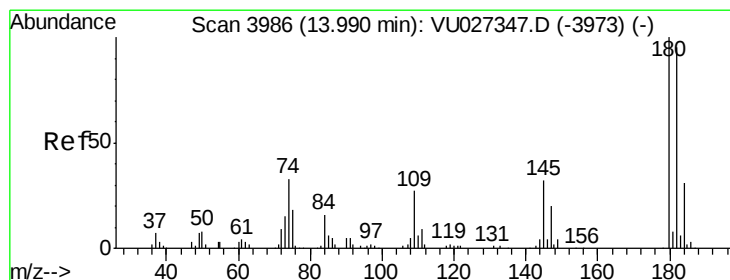
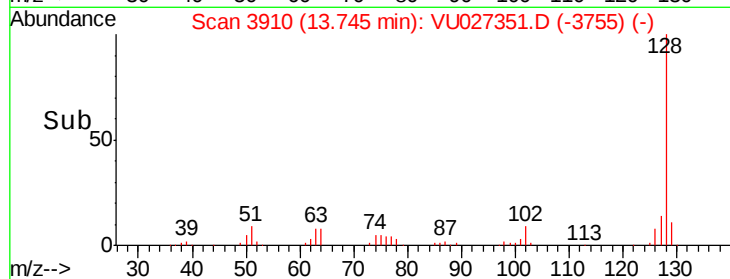
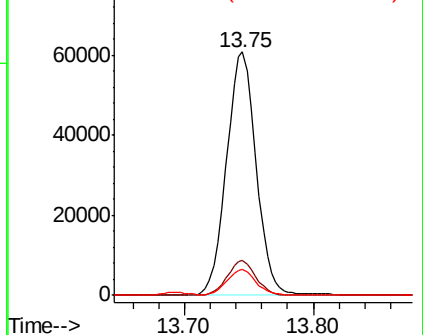
129 10.5 8.4 12.6



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: 17.966 ug/l

RT: 13.99 min Scan# 3985

Delta R.T. -0.00 min

Lab File: VU027351.D

Acq: 02 Oct 2018 19:23

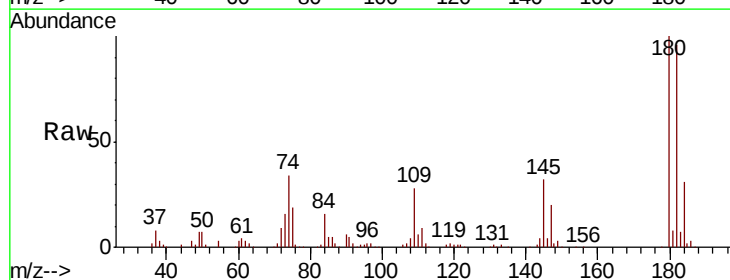
Tgt Ion:180 Resp: 136078

Ion Ratio Lower Upper

180 100

182 95.9 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

