

Data File : VU029322.D
Acq On : 30 Jan 2019 18:02
Operator : JC/SP
Sample : K1161-08DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PT-UNRVOA-WSDL

Quant Time: Jan 31 06:27:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U012919DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Jan 30 09:13:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	5.74	96	7380	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.30	95	2368	0.82	ug/l	0.00
Spiked Amount 1.000			Recovery	=	82.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	3174	1.11	ug/l	0.00
Spiked Amount 1.000			Recovery	=	111.00%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.32	50	7545	2.737	ug/l	97
6) Chloroethane	1.69	64	9957	5.000	ug/l	96
7) Trichlorofluoromethane	1.88	101	17977	3.414	ug/l	91
12) Acrylonitrile	2.99	53	563	0.918	ug/l #	11
13) Acetone	2.31	43	230	0.303	ug/l #	51
17) 1,1-Dichloroethane	3.43	63	18979	3.828	ug/l	99
21) 2,2-Dichloropropane	4.21	77	8840	1.967	ug/l	92
24) tert-Butyl Alcohol	2.82	59	170	0.662	ug/l #	71
25) Methyl tert-Butyl Ether	2.99	73	50928	7.359	ug/l	100
26) Bromochloromethane	4.54	128	1750	1.773	ug/l	94
29) 1,1-Dichloropropene	5.13	75	7528	2.200	ug/l	98
43) Dibromomethane	6.56	93	4801	3.737	ug/l	97
46) t-1,4-Dichloro-2-butene	10.49	75	3923	6.547	ug/l #	13
50) t-1,3-Dichloropropene	7.88	75	10664	3.337	ug/l	93
51) cis-1,3-Dichloropropene	7.27	75	2725	0.773	ug/l	98
53) 1,3-Dichloropropane	8.24	76	1764	0.558	ug/l	90
60) 1,1,1,2-Tetrachloroethane	9.21	131	6509	2.656	ug/l	95
61) Pentachloroethane	11.10	117	1905	1.009	ug/l #	8
69) Isopropylbenzene	10.16	105	9606	0.928	ug/l	96
70) 1,1,2,2-Tetrachloroethane	10.46	83	6867	3.051	ug/l	98
71) 1,2,3-Trichloropropane	10.49	75	3923	2.053	ug/l #	94
72) Bromobenzene	10.45	156	8414	3.296	ug/l	94
73) n-propylbenzene	10.58	120	6990	2.511	ug/l	100
74) 2-Chlorotoluene	10.66	126	9090	3.748	ug/l	100
75) 1,3,5-Trimethylbenzene	10.77	105	29737	3.244	ug/l	99
76) 4-Chlorotoluene	10.77	126	7541	2.931	ug/l	93
77) tert-Butylbenzene	11.10	119	29554	3.355	ug/l	92
78) 1,2,4-Trimethylbenzene	11.14	105	26431	2.829	ug/l	100
79) sec-Butylbenzene	11.32	105	32960	2.859	ug/l	99
81) p-Isopropyltoluene	11.47	119	29696	3.046	ug/l	99
82) 1,3-Dichlorobenzene	11.41	146	17267	3.262	ug/l	97
83) 1,4-Dichlorobenzene	11.41	146	17267	3.238	ug/l	99
84) n-Butylbenzene	11.89	91	27786	2.933	ug/l	98
86) 1,2-Dibromo-3-Chloropropan	12.48	75	144	0.349	ug/l #	11
88) Hexachlorobutadiene	13.69	225	12036	5.822	ug/l	98
89) Naphthalene	13.74	128	18700	3.594	ug/l	98
90) 1,2,3-Trichlorobenzene	13.98	180	29820	9.894	ug/l	99
-----	-----	-----	-----	-----	-----	-----

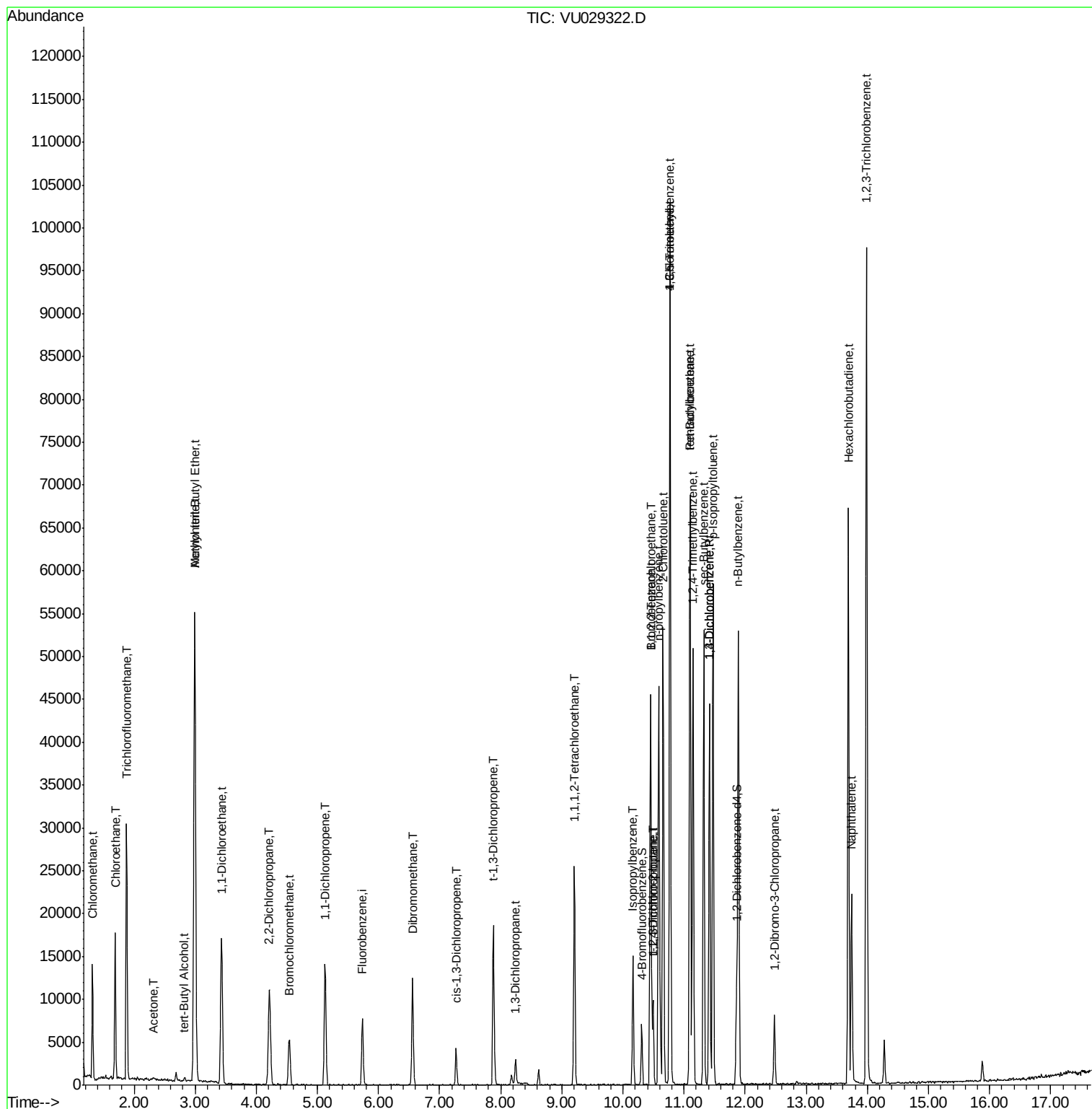
(#) = qualifier out of range (m) = manual integration (+) = signals summed

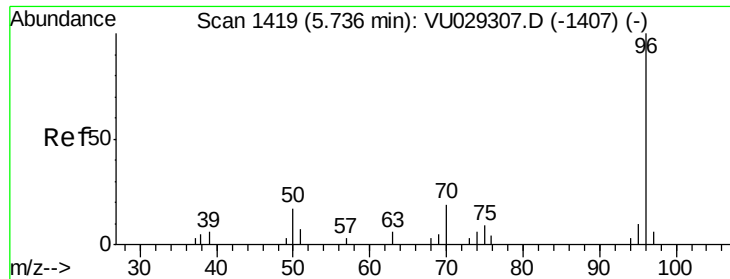
Data File : VU029322.D

```
Acq On       : 30 Jan 2019   18:02
Operator     : JC/SP
Sample       : K1161-08DL 5X
Misc         : 25.0mL/MSVOA_U/WATER
ALS Vial     : 14   Sample Multiplier: 1
```

Instrument :
MSVOA_U
ClientSampleId :
PT-UNRVOA-WSDL

Quant Time: Jan 31 06:27:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSV0A_U\METHOD\524U012919DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Jan 30 09:13:14 2019
Response via : Initial Calibration





#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1419

Delta R.T. -0.00 min

Lab File: VU029322.D

Acq: 30 Jan 2019 18:02

Instrument :

MSVOA_U

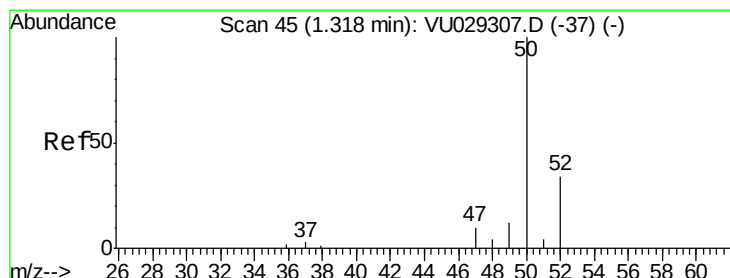
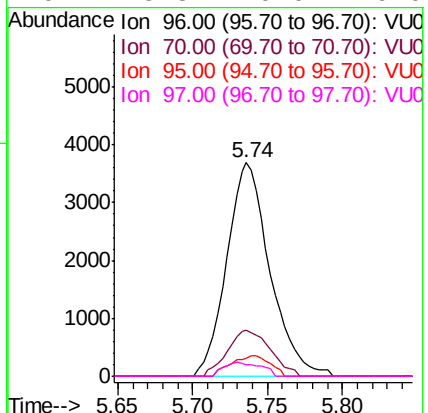
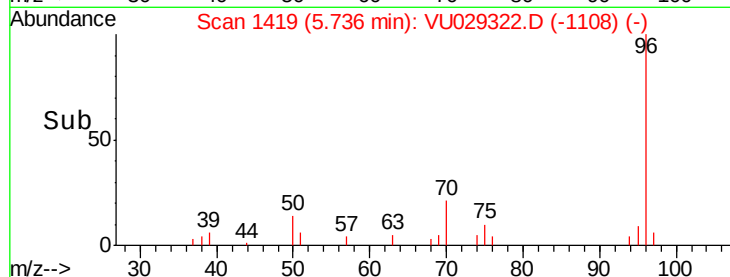
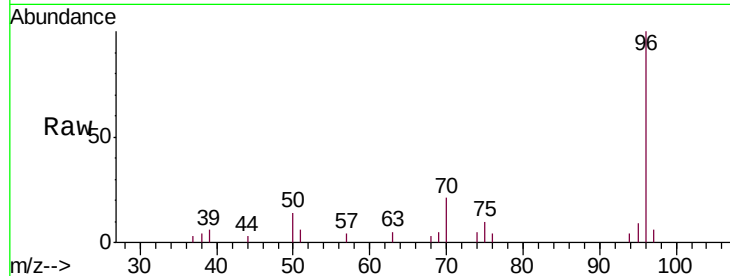
ClientSampleId :

PT-UNRVOA-WSDL

Tgt Ion: 96 Resp: 7380

Ion Ratio Lower Upper

96	100		
70	21.4	16.2	24.2
95	8.6	7.4	11.2
97	5.8	0.0	0.0#



#3

Chloromethane

Concen: 2.737 ug/l

RT: 1.32 min Scan# 45

Delta R.T. -0.00 min

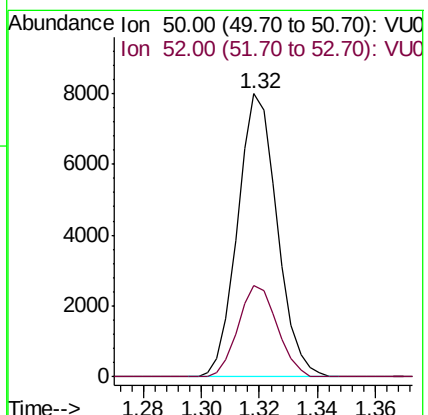
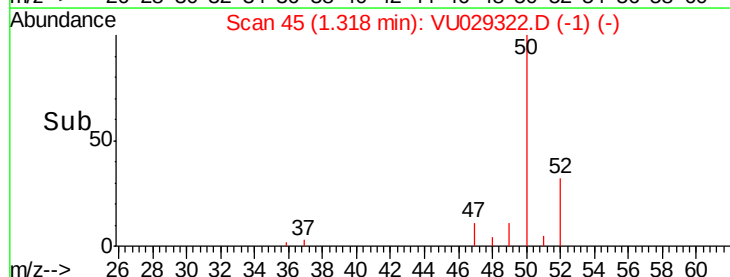
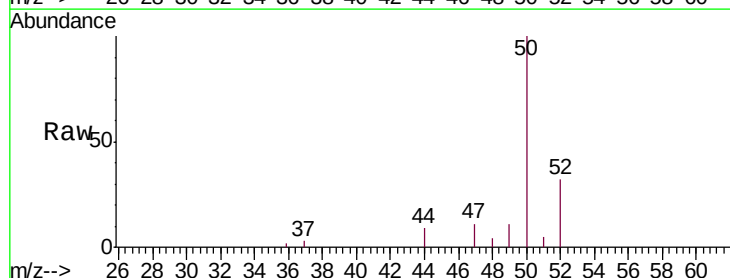
Lab File: VU029322.D

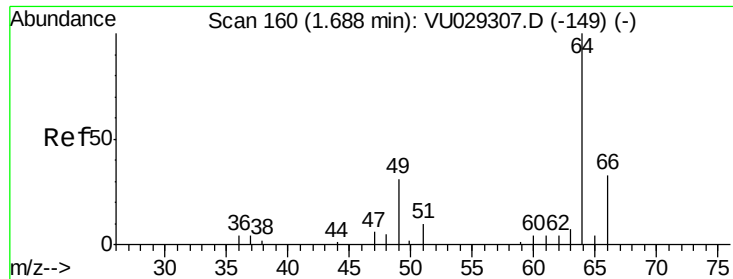
Acq: 30 Jan 2019 18:02

Tgt Ion: 50 Resp: 7545

Ion Ratio Lower Upper

50	100		
52	32.3	27.3	40.9





#6

Chloroethane

Concen: 5.000 ug/l

RT: 1.69 min Scan# 161

Delta R.T. 0.00 min

Lab File: VU029322.D

Acq: 30 Jan 2019 18:02

Instrument :

MSVOA_U

ClientSampleId :

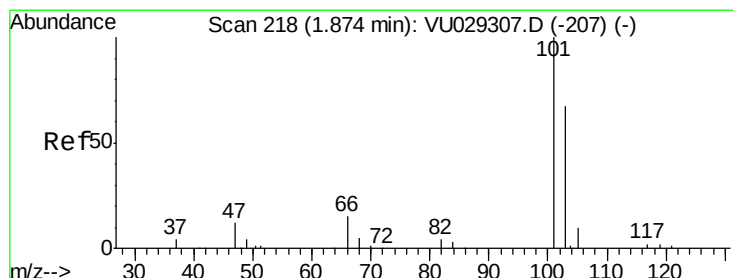
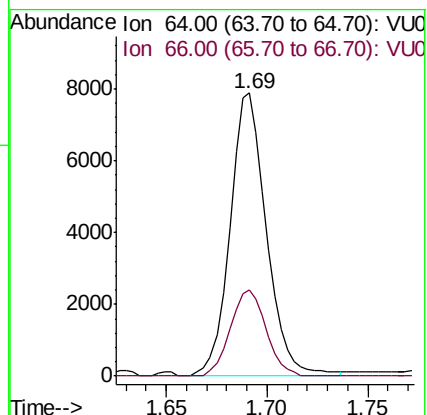
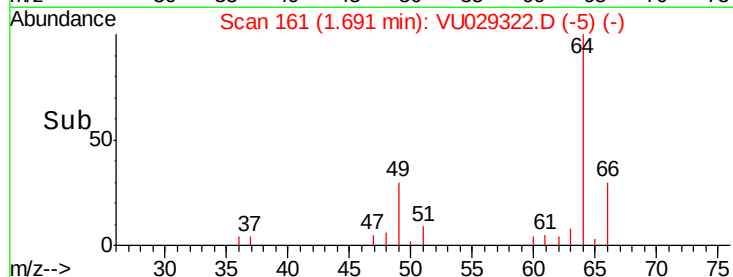
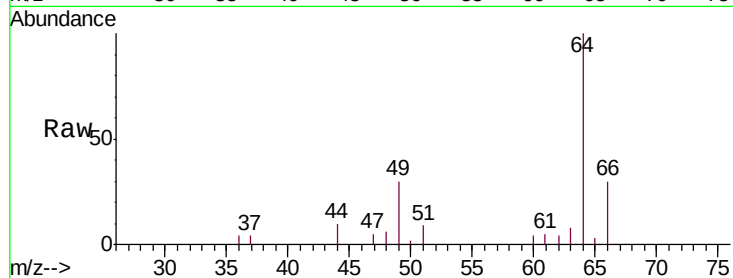
PT-UNRVOA-WSDL

Tgt Ion: 64 Resp: 9957

Ion Ratio Lower Upper

64 100

66 30.4 26.3 39.5



#7

Trichlorofluoromethane

Concen: 3.414 ug/l

RT: 1.88 min Scan# 219

Delta R.T. 0.00 min

Lab File: VU029322.D

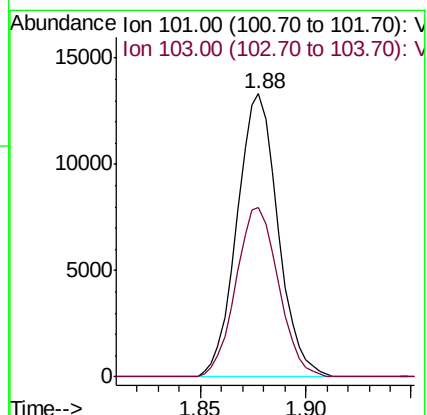
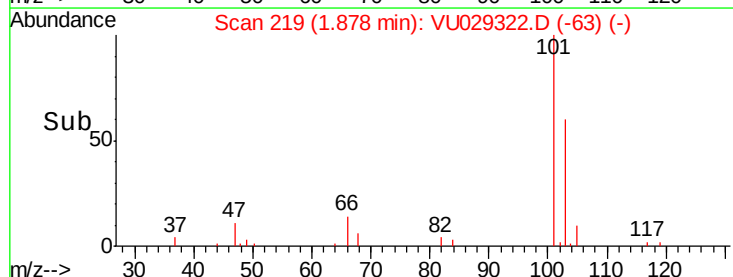
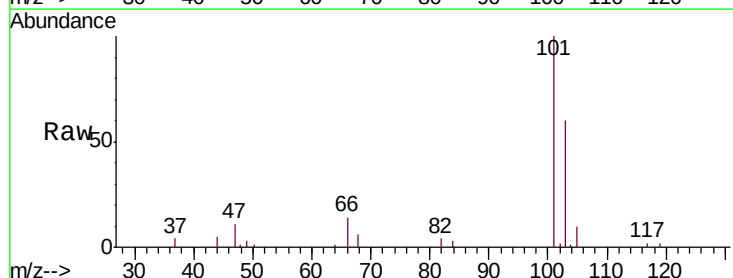
Acq: 30 Jan 2019 18:02

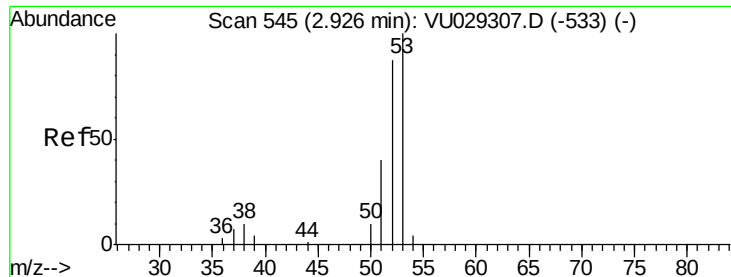
Tgt Ion: 101 Resp: 17977

Ion Ratio Lower Upper

101 100

103 59.8 53.9 80.9





#12

Acrylonitrile

Concen: 0.918 ug/l

RT: 2.99 min Scan# 564

Delta R.T. 0.06 min

Lab File: VU029322.D

Acq: 30 Jan 2019 18:02

Instrument :

MSVOA_U

ClientSampleId :

PT-UNRVOA-WSDL

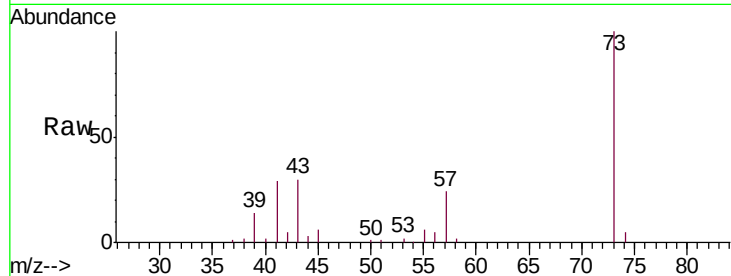
Tgt Ion: 53 Resp: 563

Ion Ratio Lower Upper

53 100

52 10.8 67.6 101.4#

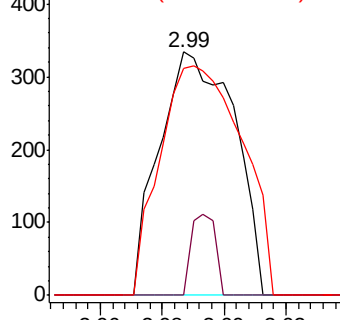
51 103.2 31.0 46.4#



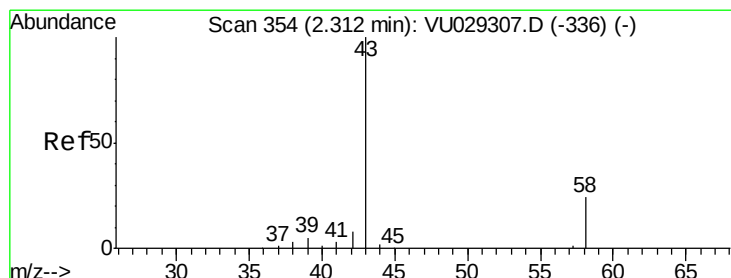
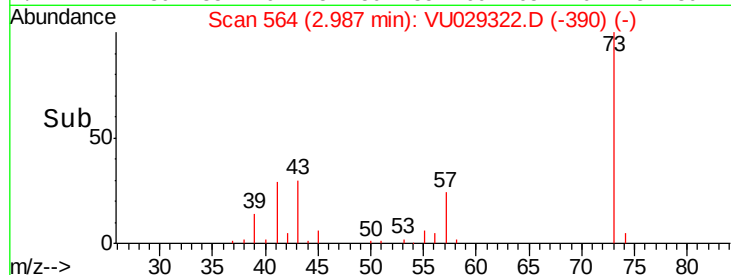
Abundance Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0



Time-->



#13

Acetone

Concen: 0.303 ug/l

RT: 2.31 min Scan# 354

Delta R.T. -0.00 min

Lab File: VU029322.D

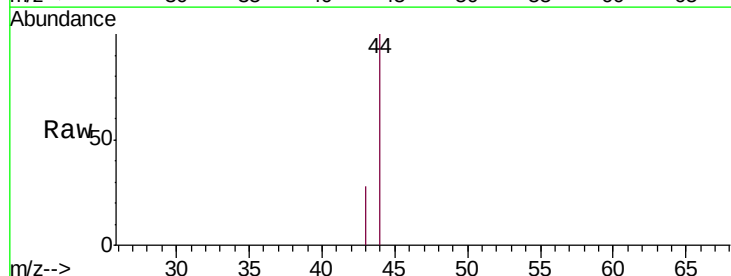
Acq: 30 Jan 2019 18:02

Tgt Ion: 43 Resp: 230

Ion Ratio Lower Upper

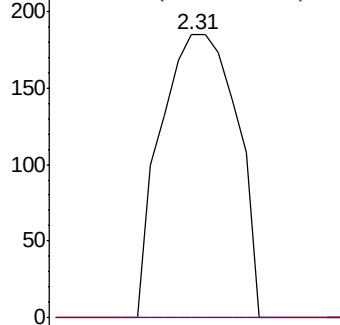
43 100

58 0.0 19.2 28.8#

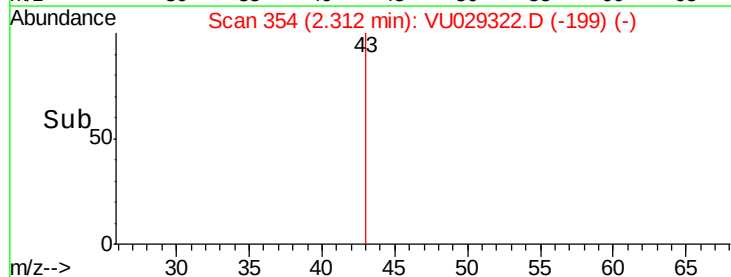


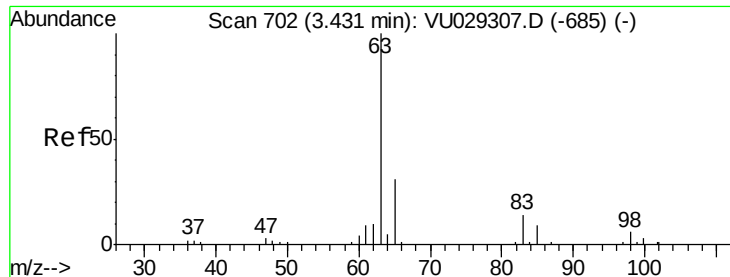
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



Time-->

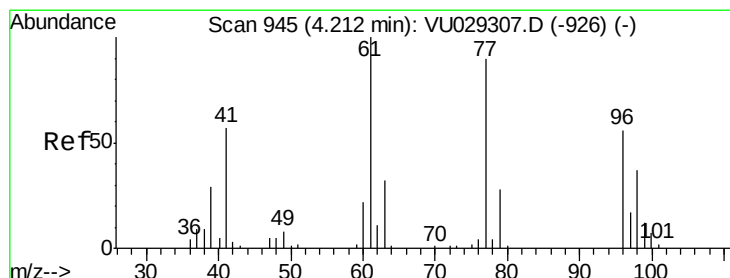
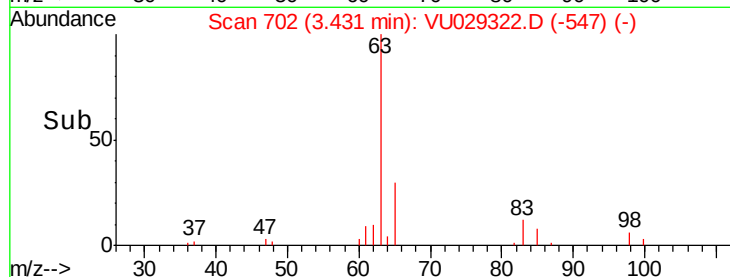
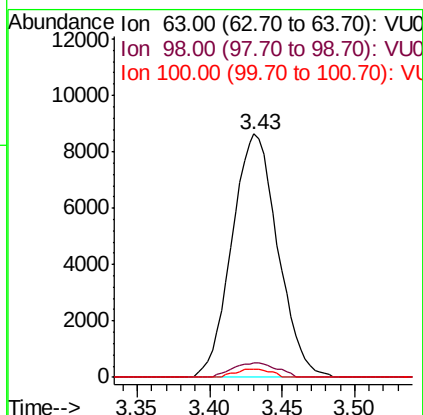
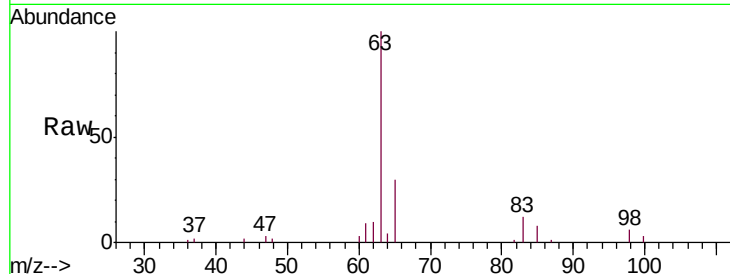




#17
 1,1-Dichloroethane
 Concen: 3.828 ug/l
 RT: 3.43 min Scan# 702
 Delta R.T. -0.00 min
 Lab File: VU029322.D
 Acq: 30 Jan 2019 18:02

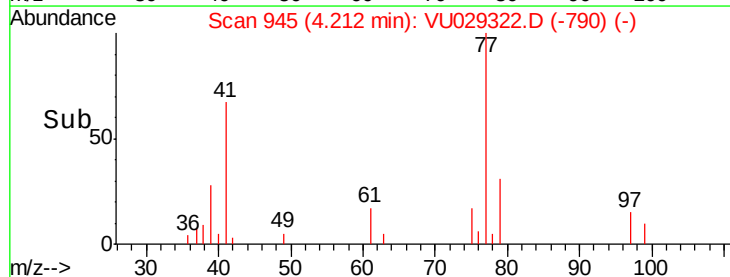
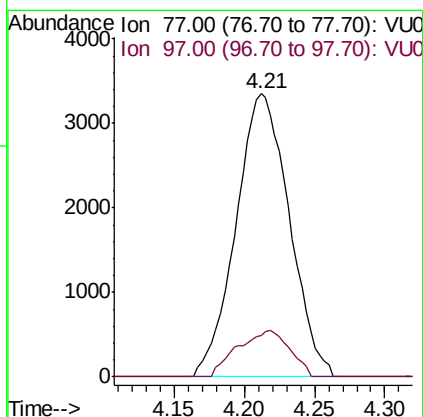
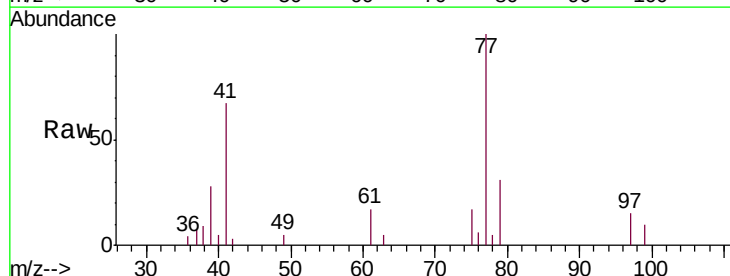
Instrument :
 MSVOA_U
 ClientSampleId :
 PT-UNRVOA-WSDL

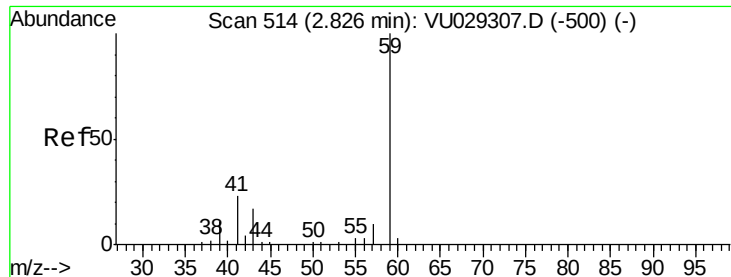
Tgt Ion: 63 Resp: 18979
 Ion Ratio Lower Upper
 63 100
 98 6.0 2.9 8.8
 100 3.2 1.7 5.1



#21
 2,2-Dichloropropane
 Concen: 1.967 ug/l
 RT: 4.21 min Scan# 945
 Delta R.T. -0.00 min
 Lab File: VU029322.D
 Acq: 30 Jan 2019 18:02

Tgt Ion: 77 Resp: 8840
 Ion Ratio Lower Upper
 77 100
 97 16.0 15.6 23.4



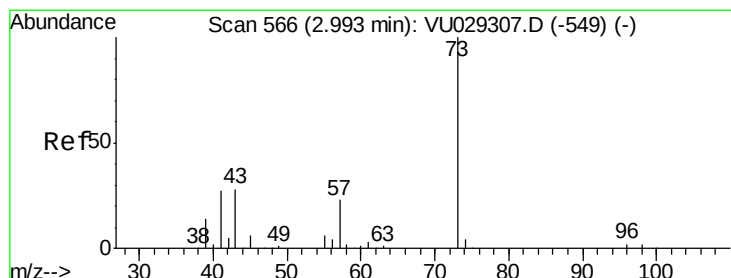
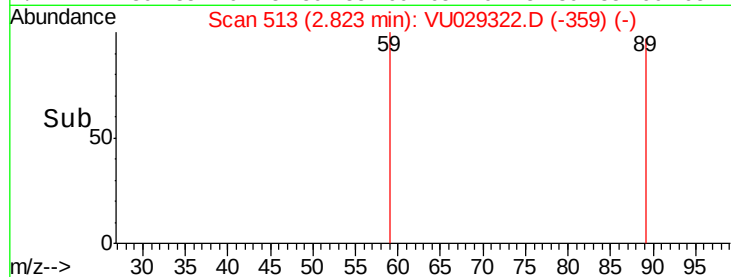
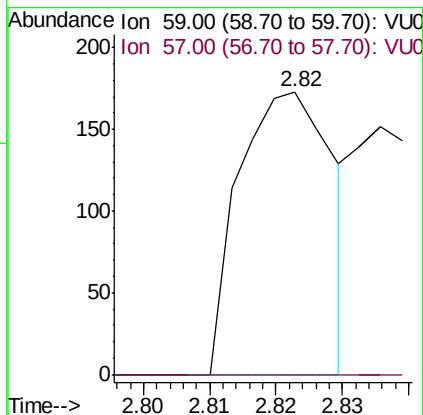
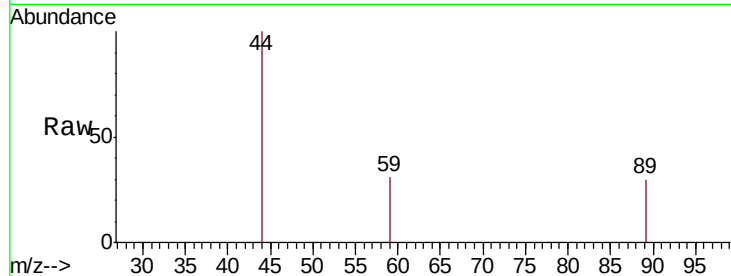


#24

tert-Butyl Alcohol
 Concen: 0.662 ug/l
 RT: 2.82 min Scan# 513
 Delta R.T. -0.00 min
 Lab File: VU029322.D
 Acq: 30 Jan 2019 18:02

Instrument :
 MSVOA_U
 ClientSampleId :
 PT-UNRVOA-WSDL

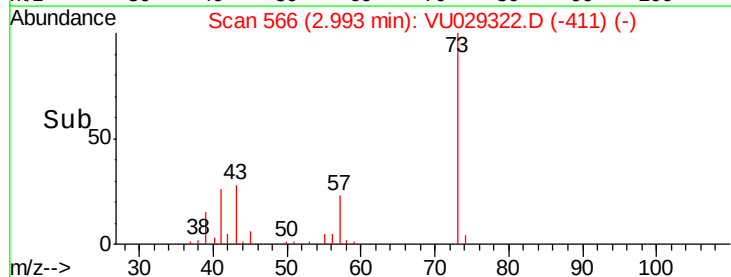
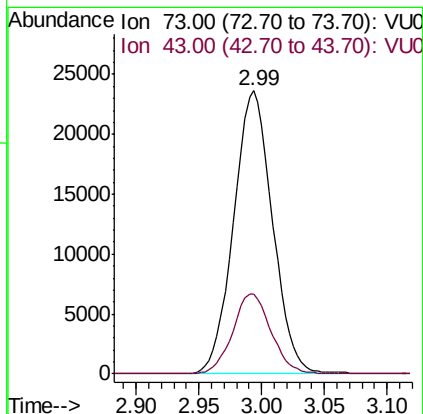
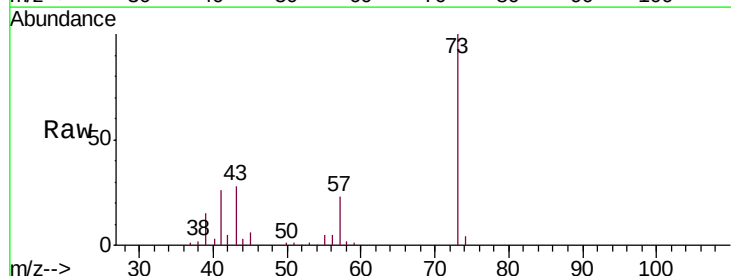
Tgt Ion: 59 Resp: 170
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.8 13.2#

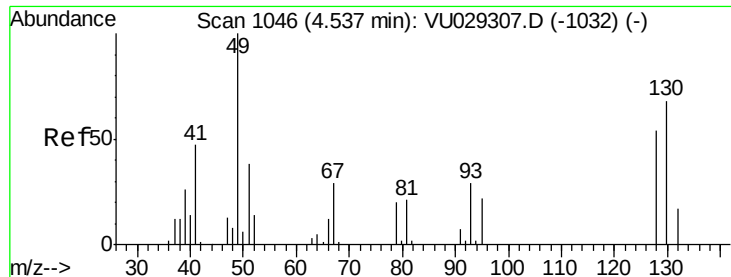


#25

Methyl tert-Butyl Ether
 Concen: 7.359 ug/l
 RT: 2.99 min Scan# 566
 Delta R.T. -0.00 min
 Lab File: VU029322.D
 Acq: 30 Jan 2019 18:02

Tgt Ion: 73 Resp: 50928
 Ion Ratio Lower Upper
 73 100
 43 27.8 22.1 33.1

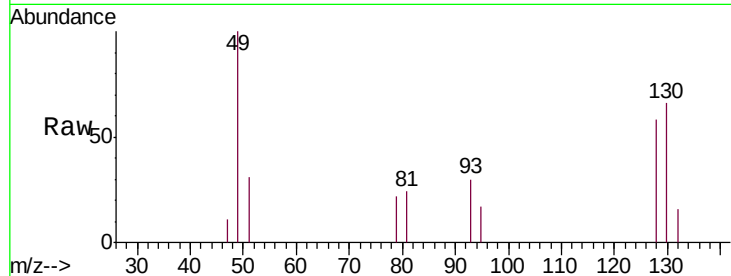




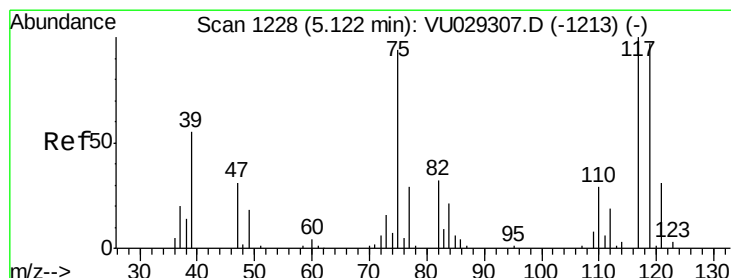
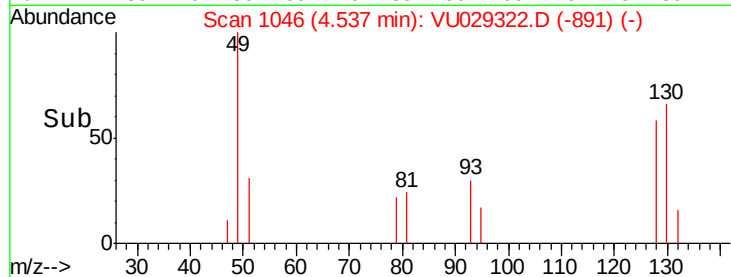
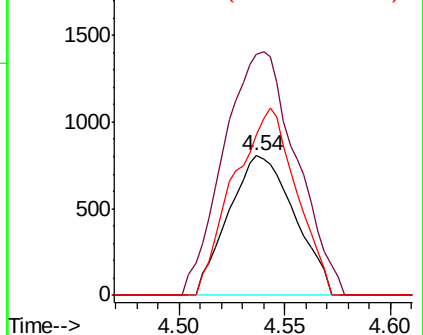
#26
Bromochloromethane
Concen: 1.773 ug/l
RT: 4.54 min Scan# 1046
Delta R.T. -0.00 min
Lab File: VU029322.D
Acq: 30 Jan 2019 18:02

Instrument :
MSVOA_U
ClientSampleId :
PT-UNRVOA-WSDL

Tgt Ion: 128 Resp: 1750
Ion Ratio Lower Upper
128 100
49 191.7 0.0 401.6
130 127.7 108.0 162.0

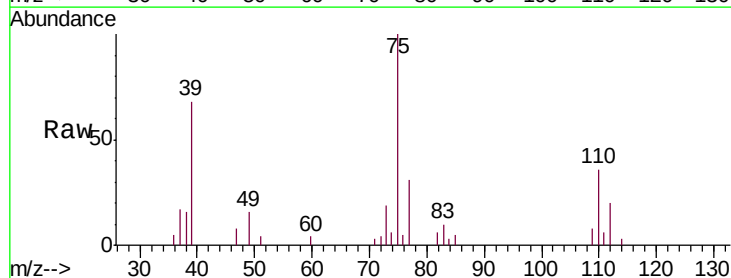


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VU0
Ion 130.00 (129.70 to 130.70): V

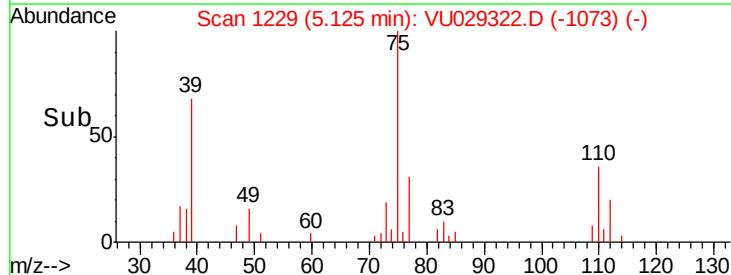
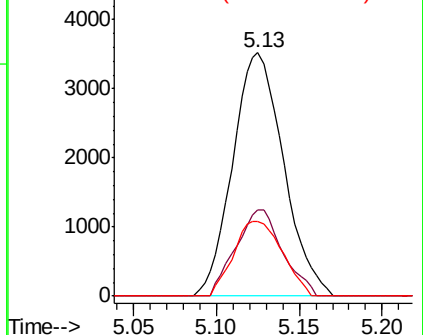


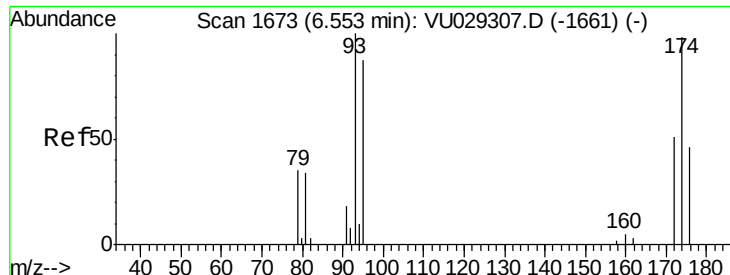
#29
1,1-Dichloropropene
Concen: 2.200 ug/l
RT: 5.13 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VU029322.D
Acq: 30 Jan 2019 18:02

Tgt Ion: 75 Resp: 7528
Ion Ratio Lower Upper
75 100
110 32.4 15.4 46.2
77 29.4 24.1 36.1



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: 3.737 ug/l

RT: 6.56 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VU029322.D

Acq: 30 Jan 2019 18:02

Instrument :

MSVOA_U

ClientSampleId :

PT-UNRVOA-WSDL

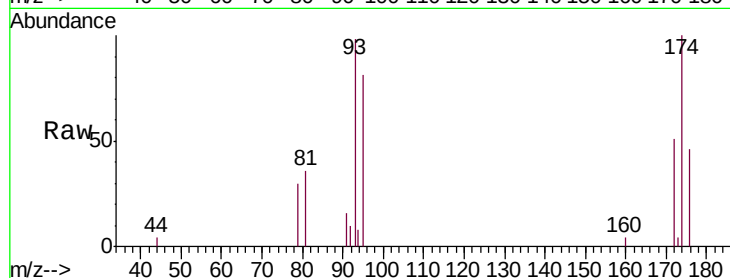
Tgt Ion: 93 Resp: 4801

Ion Ratio Lower Upper

93 100

95 80.9 68.2 102.2

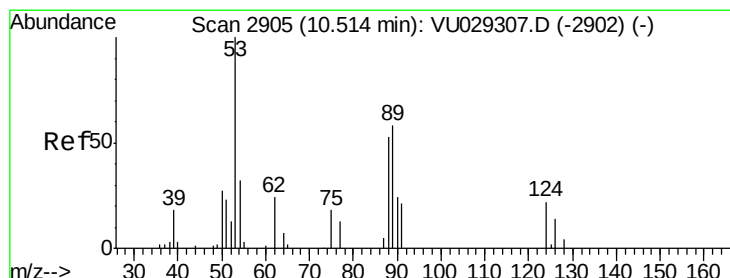
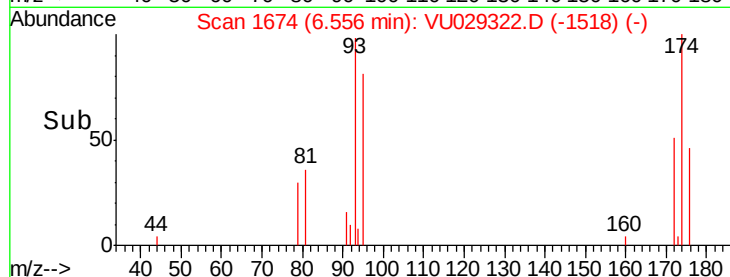
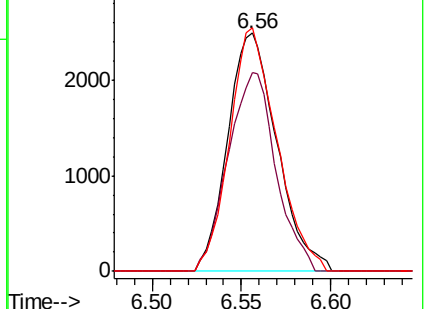
174 97.6 77.6 116.4



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



#46

t-1,4-Dichloro-2-butene

Concen: 6.547 ug/l

RT: 10.49 min Scan# 2898

Delta R.T. -0.02 min

Lab File: VU029322.D

Acq: 30 Jan 2019 18:02

Tgt Ion: 75 Resp: 3923

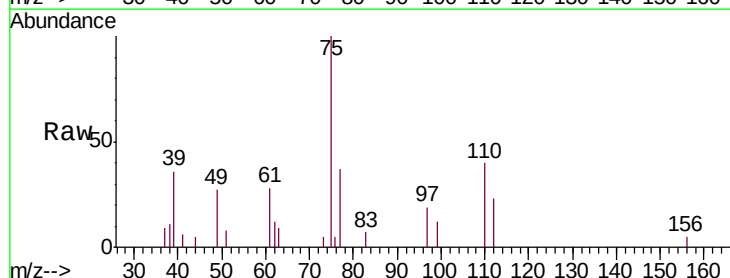
Ion Ratio Lower Upper

75 100

53 0.0 78.2 117.4#

89 0.0 44.2 66.4#

88 0.0 41.4 62.2#

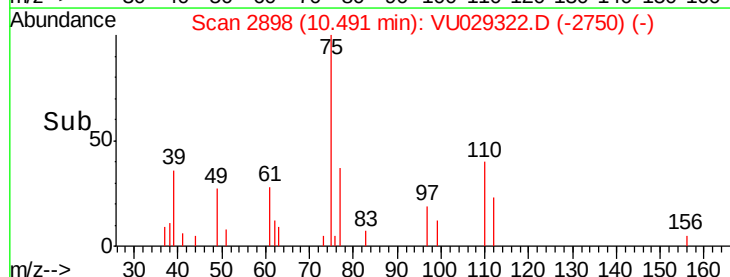
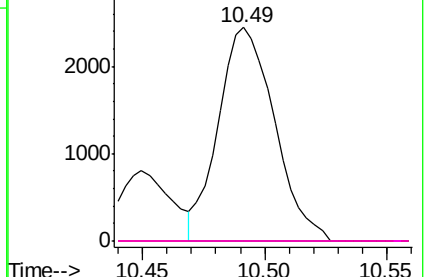


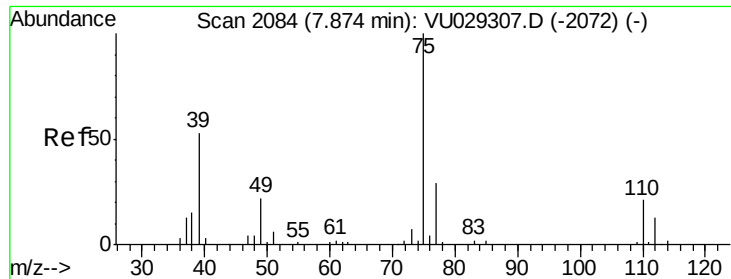
Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.80 (88.50 to 89.50): VU0

Ion 87.80 (87.50 to 88.50): VU0

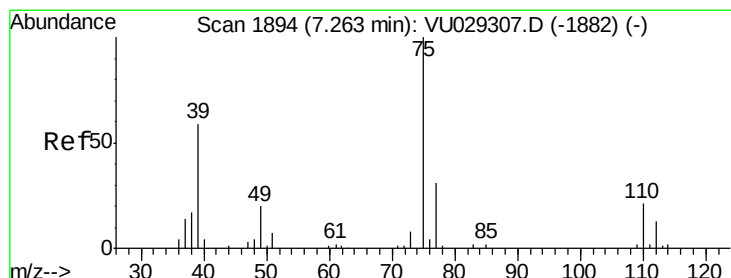
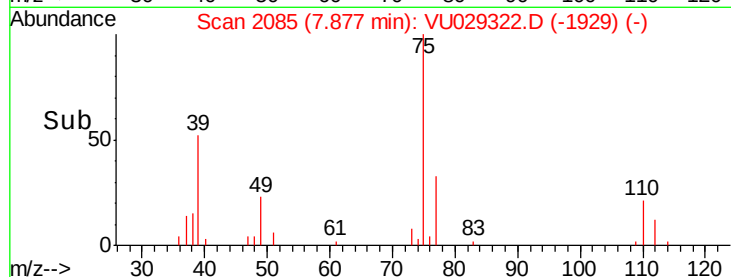
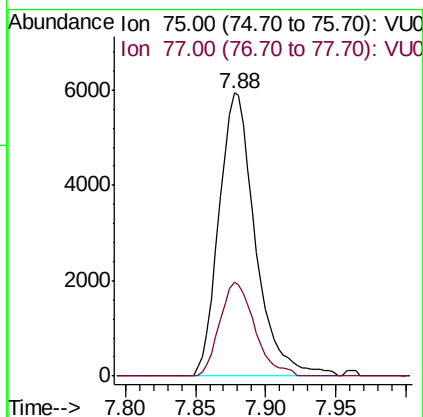
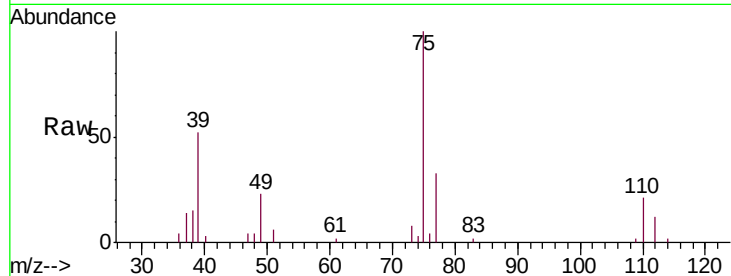




#50
 t-1,3-Dichloropropene
 Concen: 3.337 ug/l
 RT: 7.88 min Scan# 2085
 Delta R.T. 0.00 min
 Lab File: VU029322.D
 Acq: 30 Jan 2019 18:02

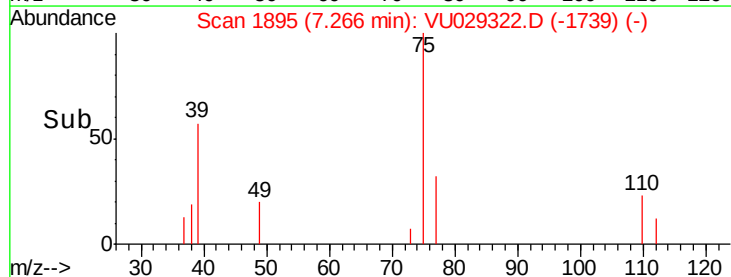
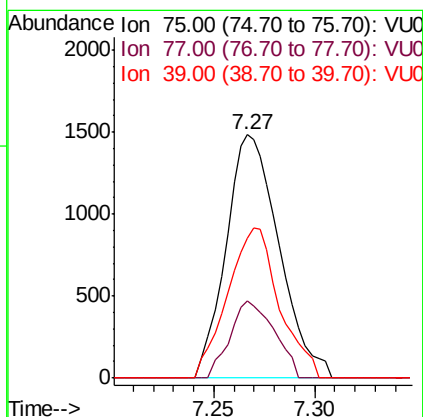
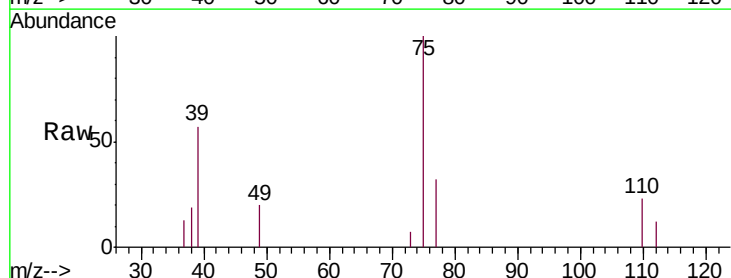
Instrument :
 MSVOA_U
 ClientSampleId :
 PT-UNRVOA-WSDL

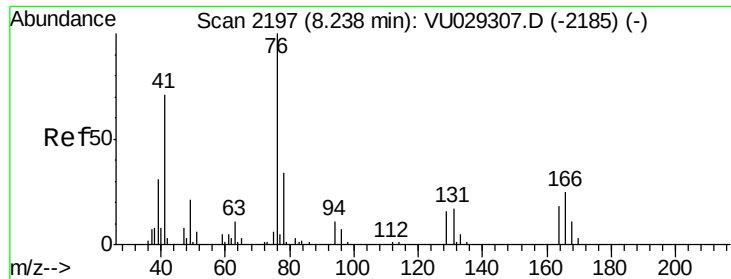
Tgt Ion: 75 Resp: 10664
 Ion Ratio Lower Upper
 75 100
 77 33.4 23.6 35.4



#51
 cis-1,3-Dichloropropene
 Concen: 0.773 ug/l
 RT: 7.27 min Scan# 1895
 Delta R.T. 0.00 min
 Lab File: VU029322.D
 Acq: 30 Jan 2019 18:02

Tgt Ion: 75 Resp: 2725
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.9 37.3
 39 57.4 47.2 70.8

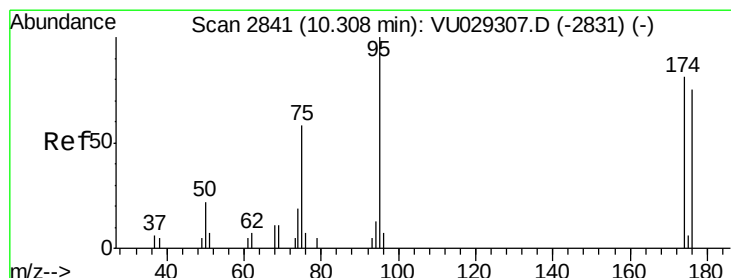
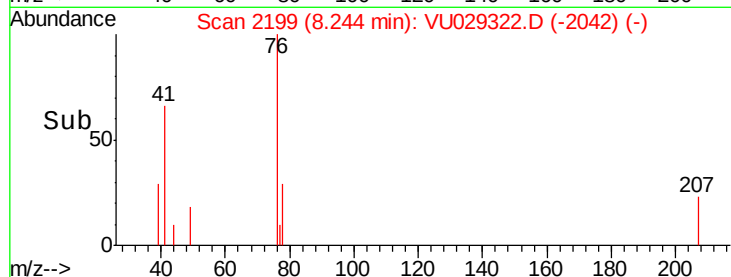
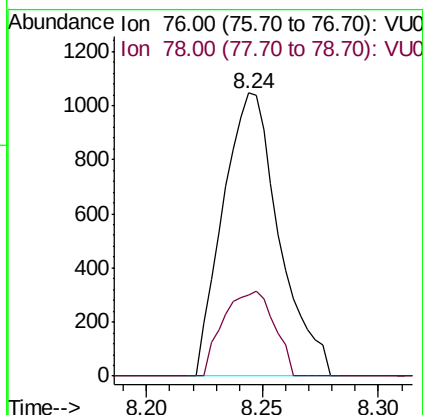
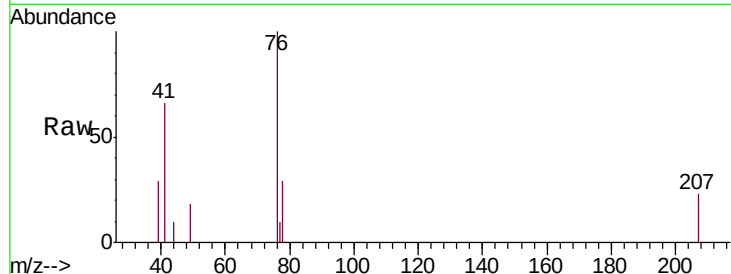




#53
 1,3-Dichloropropane
 Concen: 0.558 ug/l
 RT: 8.24 min Scan# 2199
 Delta R.T. 0.01 min
 Lab File: VU029322.D
 Acq: 30 Jan 2019 18:02

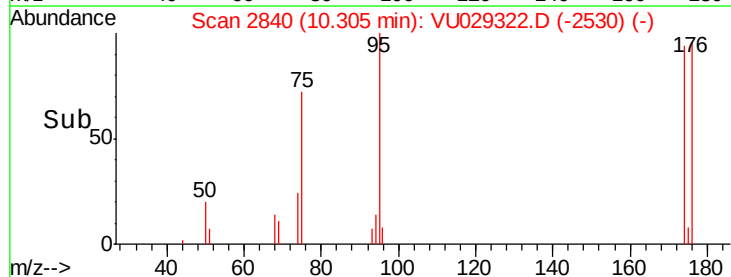
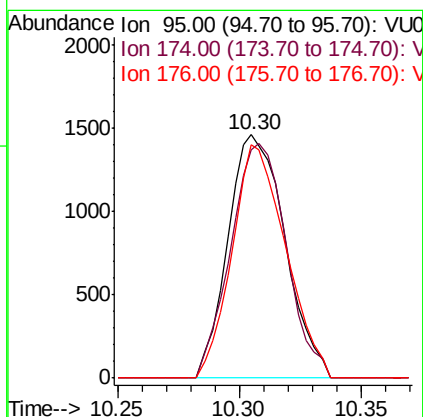
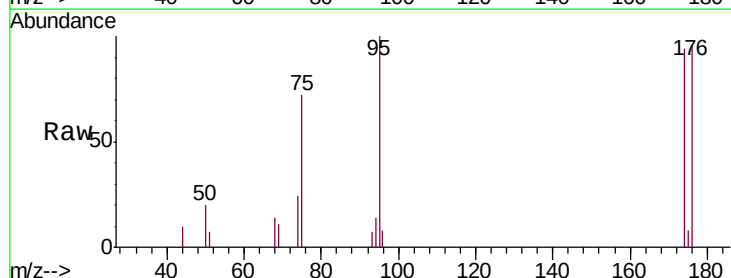
Instrument :
 MSVOA_U
 ClientSampleId :
 PT-UNRVOA-WSDL

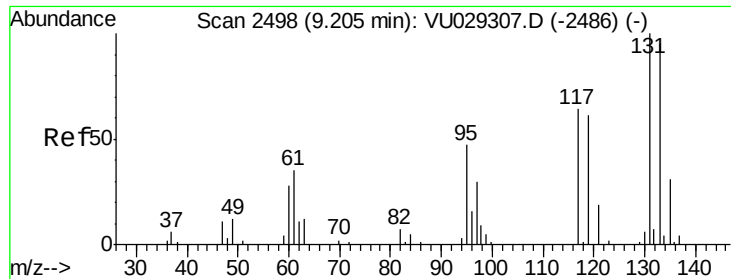
Tgt Ion: 76 Resp: 1764
 Ion Ratio Lower Upper
 76 100
 78 27.2 26.3 39.5



#57
 4-Bromofluorobenzene
 Concen: N.D. ug/l
 RT: 10.30 min Scan# 2840
 Delta R.T. -0.00 min
 Lab File: VU029322.D
 Acq: 30 Jan 2019 18:02

Tgt Ion: 95 Resp: 2368
 Ion Ratio Lower Upper
 95 100
 174 93.8 64.2 96.2
 176 90.2 62.3 93.5





#60

1,1,1,2-Tetrachloroethane

Concen: 2.656 ug/l

RT: 9.21 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VU029322.D

Acq: 30 Jan 2019 18:02

Instrument :

MSVOA_U

ClientSampleId :

PT-UNRVOA-WSDL

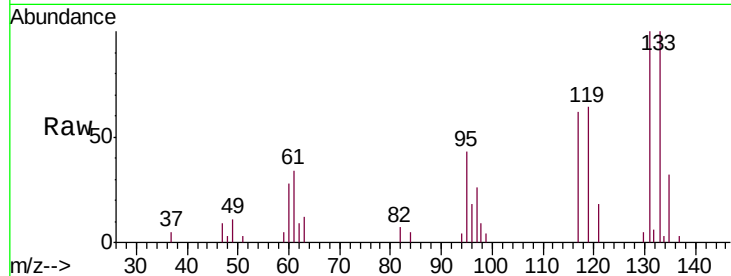
Tgt Ion:131 Resp: 6509

Ion Ratio Lower Upper

131 100

133 100.8 77.3 115.9

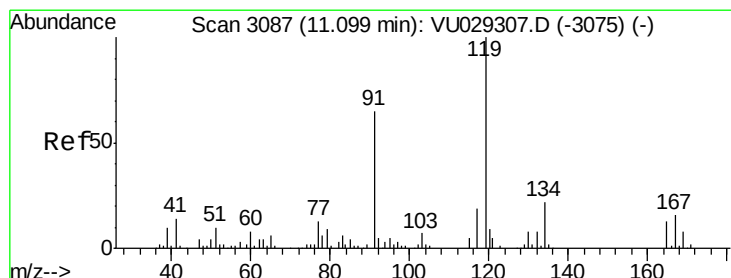
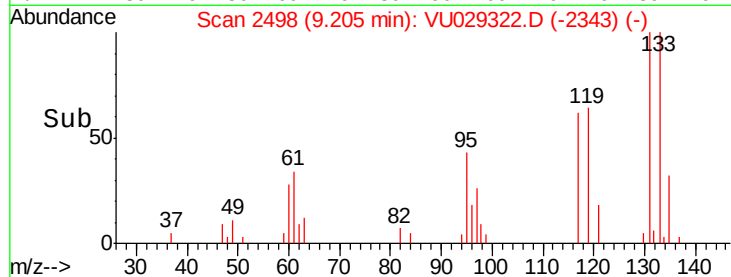
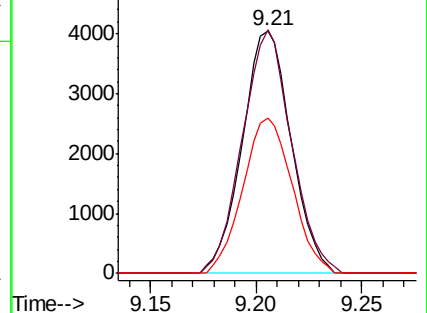
119 64.8 48.9 73.3



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



#61

Pentachloroethane

Concen: 1.009 ug/l

RT: 11.10 min Scan# 3087

Delta R.T. -0.00 min

Lab File: VU029322.D

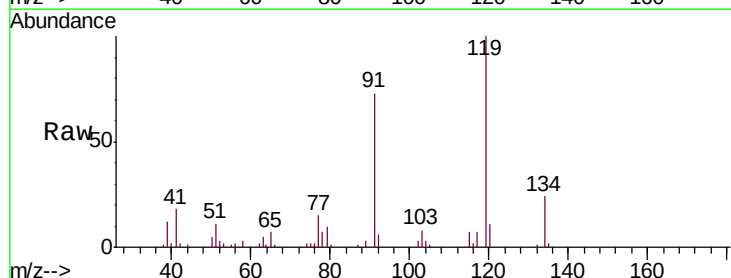
Acq: 30 Jan 2019 18:02

Tgt Ion:117 Resp: 1905

Ion Ratio Lower Upper

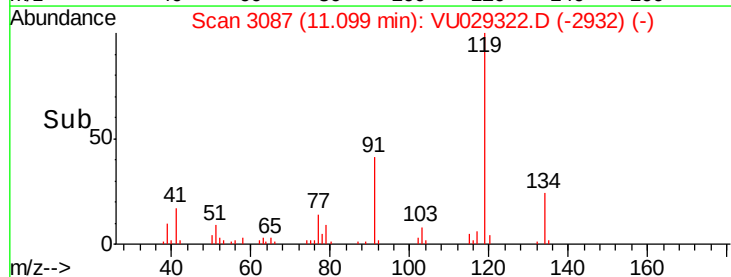
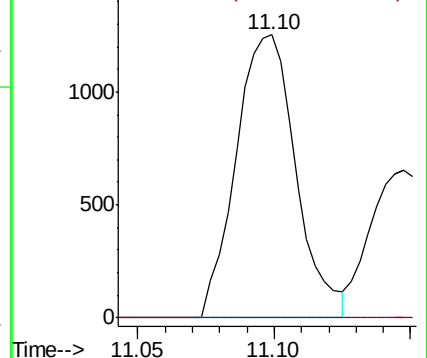
117 100

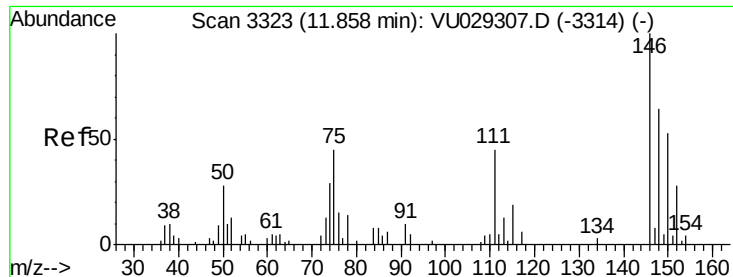
167 0.0 65.9 98.9#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V

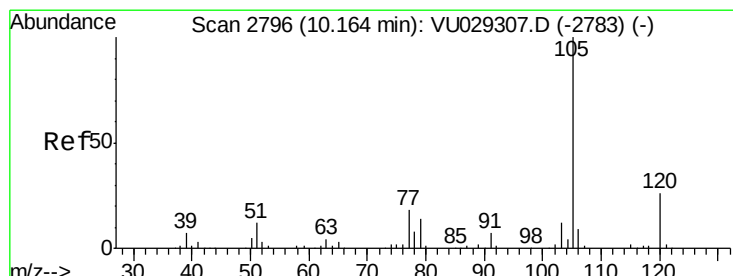
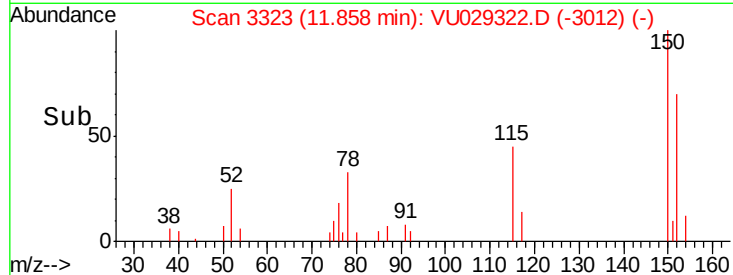
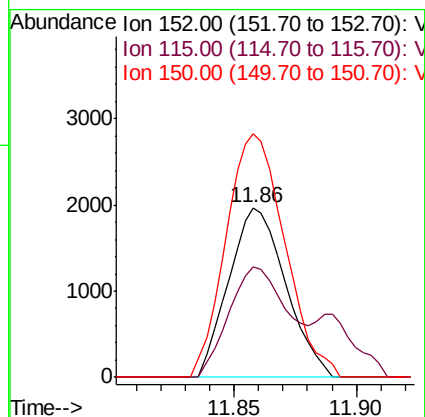
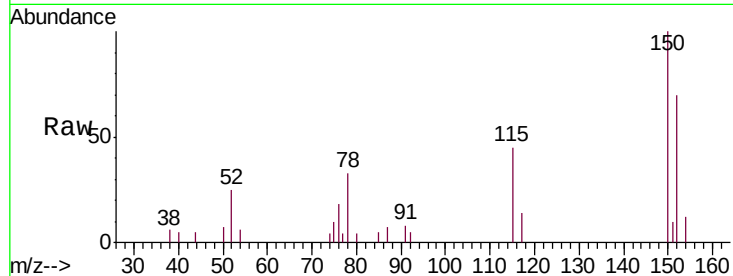




#68
 1,2-Dichlorobenzene-d4
 Concen: N.D. ug/l
 RT: 11.86 min Scan# 3323
 Delta R.T. -0.00 min
 Lab File: VU029322.D
 Acq: 30 Jan 2019 18:02

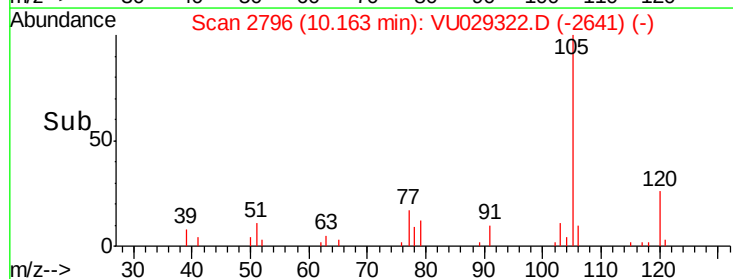
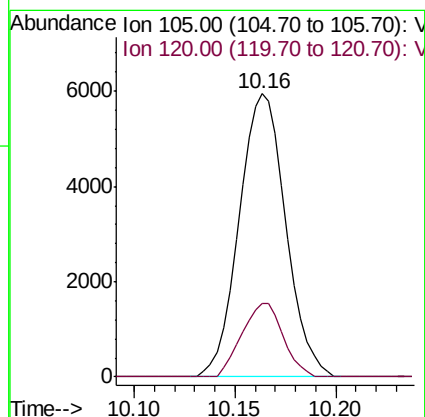
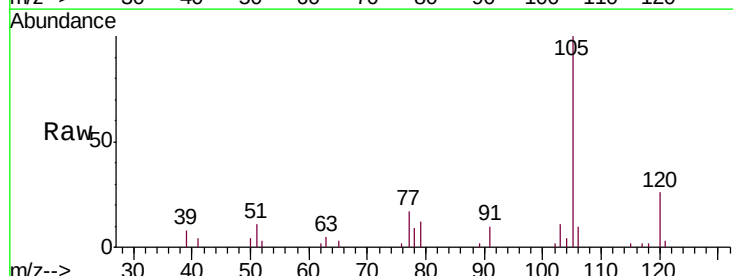
Instrument :
 MSVOA_U
 ClientSampleId :
 PT-UNRVOA-WSDL

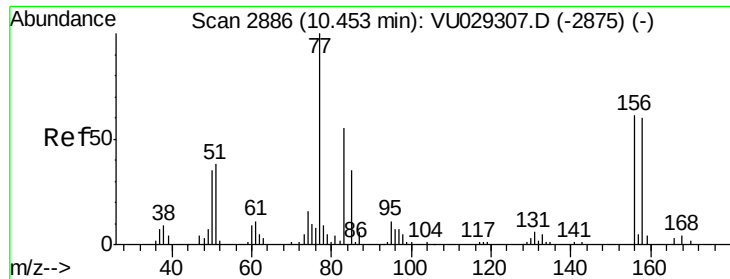
Tgt Ion:152 Resp: 3174
 Ion Ratio Lower Upper
 152 100
 115 68.9 0.0 133.4
 150 148.7 0.0 670.8



#69
 Isopropylbenzene
 Concen: 0.928 ug/l
 RT: 10.16 min Scan# 2796
 Delta R.T. -0.00 min
 Lab File: VU029322.D
 Acq: 30 Jan 2019 18:02

Tgt Ion:105 Resp: 9606
 Ion Ratio Lower Upper
 105 100
 120 23.2 12.6 37.6





#70

1,1,2,2-Tetrachloroethane

Concen: 3.051 ug/l

RT: 10.46 min Scan# 2887

Delta R.T. 0.00 min

Lab File: VU029322.D

Acq: 30 Jan 2019 18:02

Instrument :

MSVOA_U

ClientSampleId :

PT-UNRVOA-WSDL

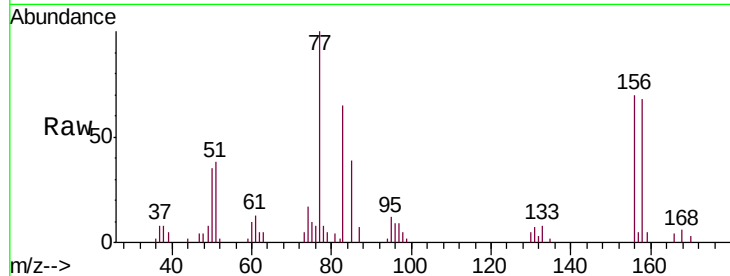
Tgt Ion: 83 Resp: 6867

Ion Ratio Lower Upper

83 100

131 9.7 8.1 12.1

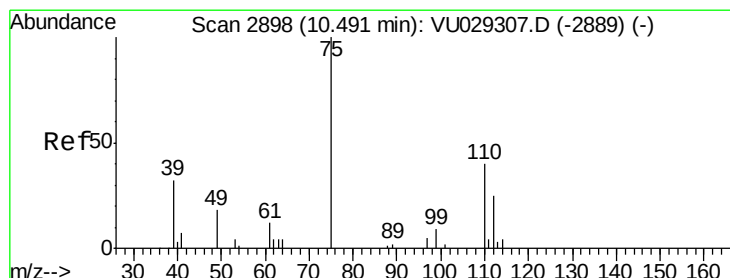
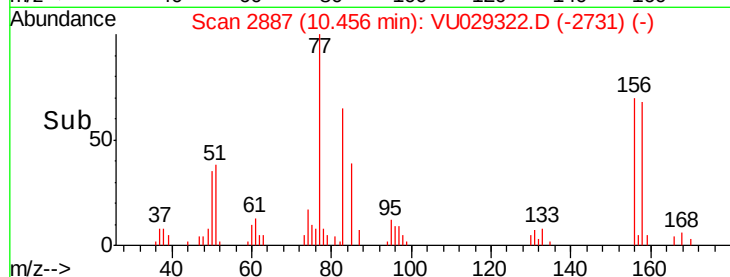
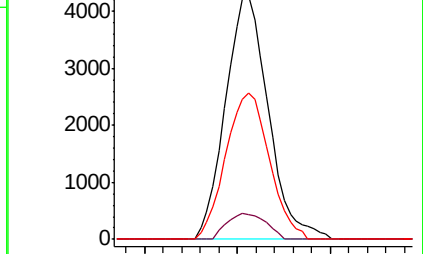
85 60.9 50.3 75.5



Abundance Ion 83.00 (82.70 to 83.70): VU029307.D (-2875) (-)

Ion 131.00 (130.70 to 131.70): VU029307.D (-2875) (-)

Ion 85.00 (84.70 to 85.70): VU029307.D (-2875) (-)



#71

1,2,3-Trichloropropane

Concen: 2.053 ug/l

RT: 10.49 min Scan# 2898

Delta R.T. -0.00 min

Lab File: VU029322.D

Acq: 30 Jan 2019 18:02

Tgt Ion: 75 Resp: 3923

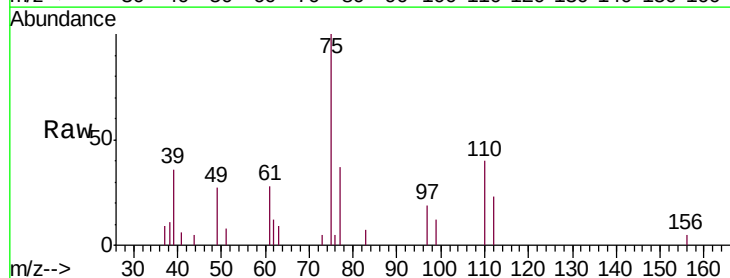
Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

110 35.9 0.0 63.6

97 16.8 0.0 31.4

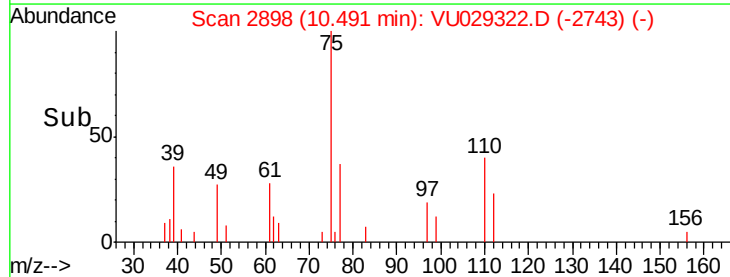
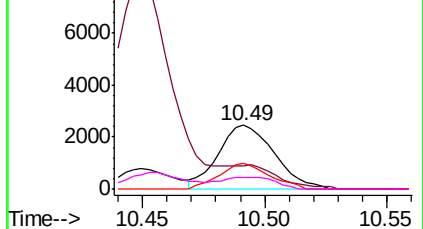


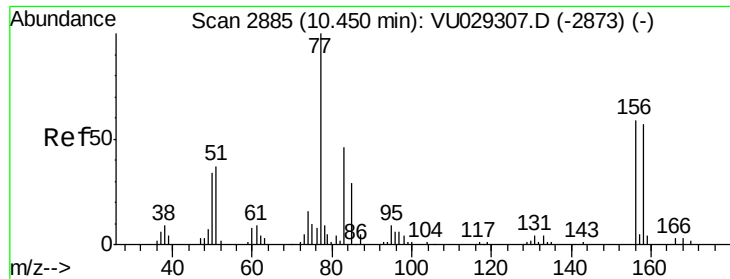
Abundance Ion 75.00 (74.70 to 75.70): VU029307.D (-2889) (-)

Ion 77.00 (76.70 to 77.70): VU029307.D (-2889) (-)

Ion 110.00 (109.70 to 110.70): VU029307.D (-2889) (-)

Ion 97.00 (96.70 to 97.70): VU029307.D (-2889) (-)





#72

Bromobenzene

Concen: 3.296 ug/l

RT: 10.45 min Scan# 2885

Delta R.T. -0.00 min

Lab File: VU029322.D

Acq: 30 Jan 2019 18:02

Instrument :

MSVOA_U

ClientSampleId :

PT-UNRVOA-WSDL

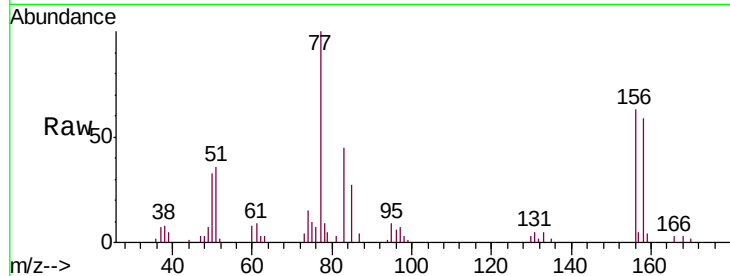
Tgt Ion:156 Resp: 8414

Ion Ratio Lower Upper

156 100

77 159.7 0.0 343.8

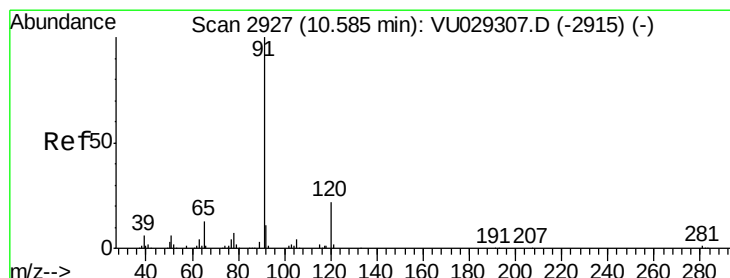
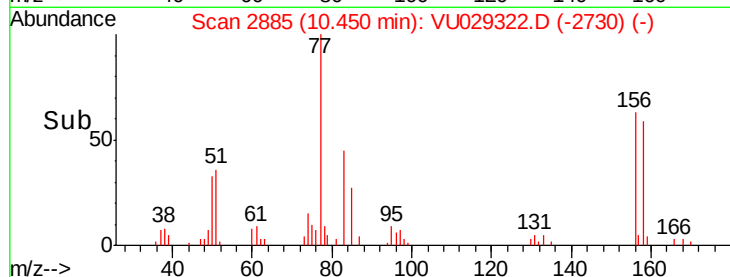
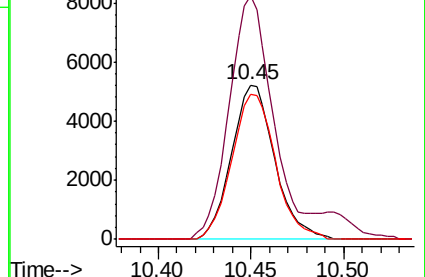
158 95.3 0.0 195.0



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: 2.511 ug/l

RT: 10.58 min Scan# 2927

Delta R.T. -0.00 min

Lab File: VU029322.D

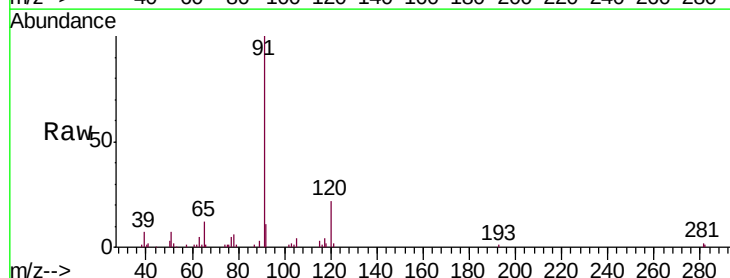
Acq: 30 Jan 2019 18:02

Tgt Ion:120 Resp: 6990

Ion Ratio Lower Upper

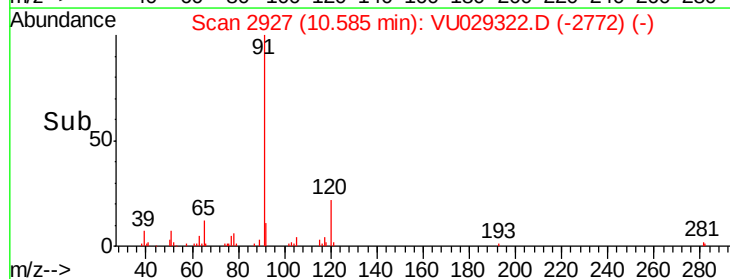
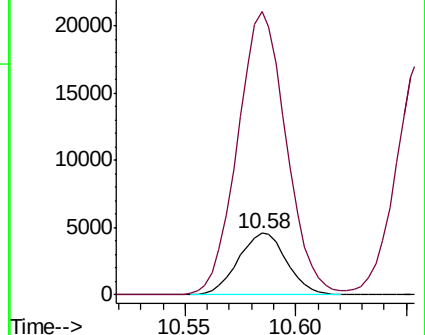
120 100

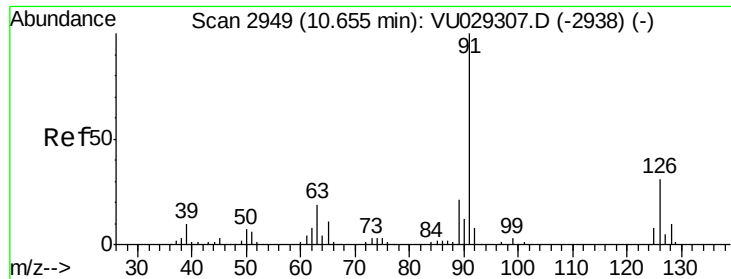
91 461.5 370.0 555.0



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0





#74

2-Chlorotoluene

Concen: 3.748 ug/l

RT: 10.66 min Scan# 2950

Delta R.T. 0.00 min

Lab File: VU029322.D

Acq: 30 Jan 2019 18:02

Instrument :

MSVOA_U

ClientSampleId :

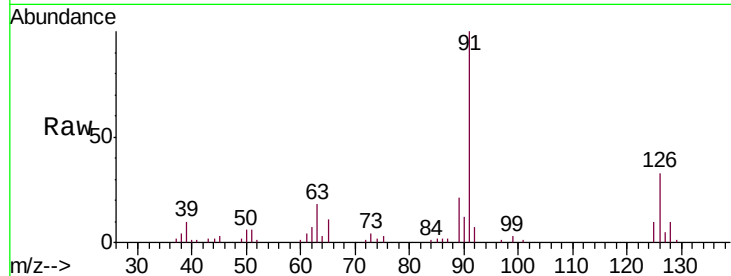
PT-UNRVOA-WSDL

Tgt Ion:126 Resp: 9090

Ion Ratio Lower Upper

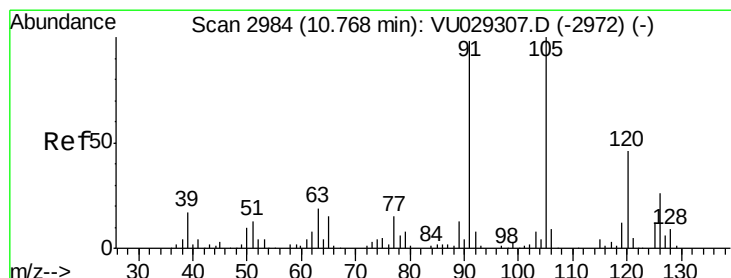
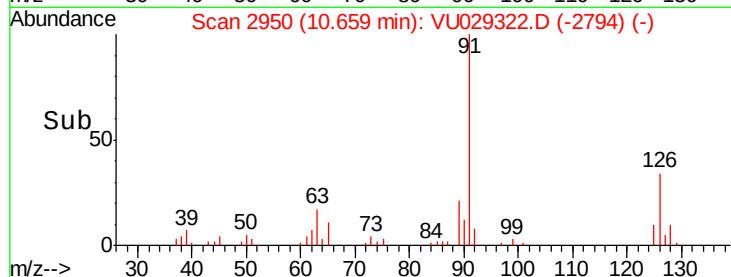
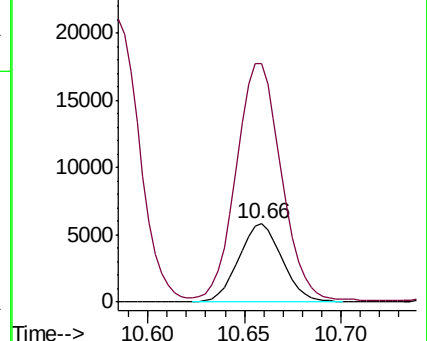
126 100

91 321.0 0.0 643.0



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: 3.244 ug/l

RT: 10.77 min Scan# 2984

Delta R.T. -0.00 min

Lab File: VU029322.D

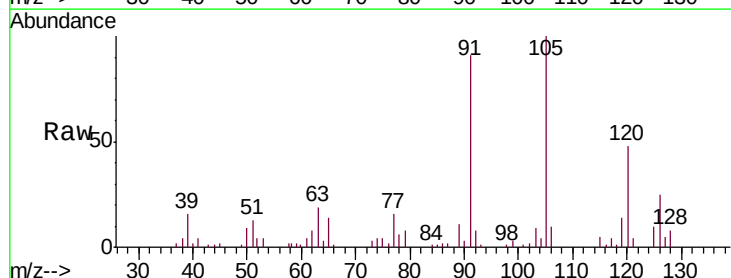
Acq: 30 Jan 2019 18:02

Tgt Ion:105 Resp: 29737

Ion Ratio Lower Upper

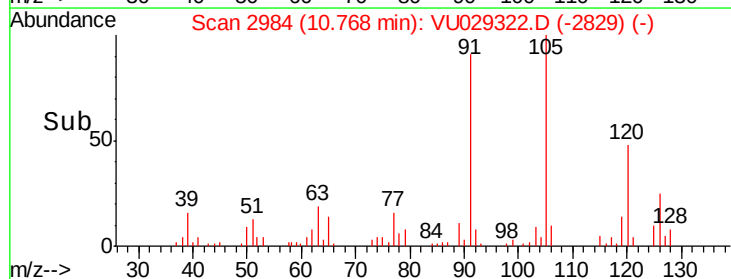
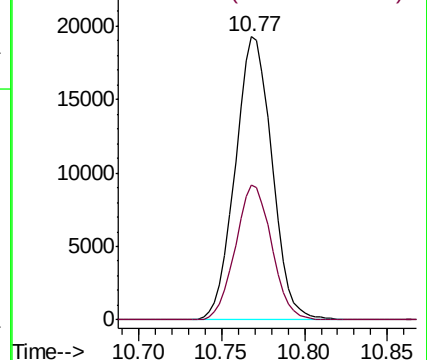
105 100

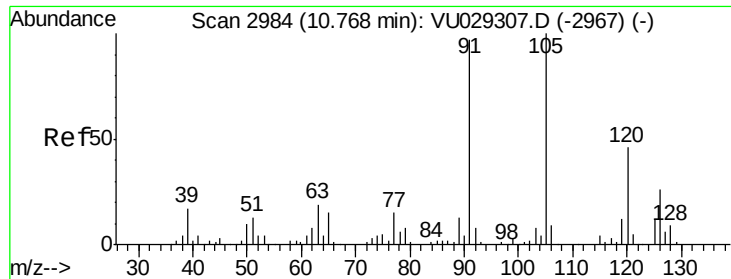
120 47.0 37.3 55.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

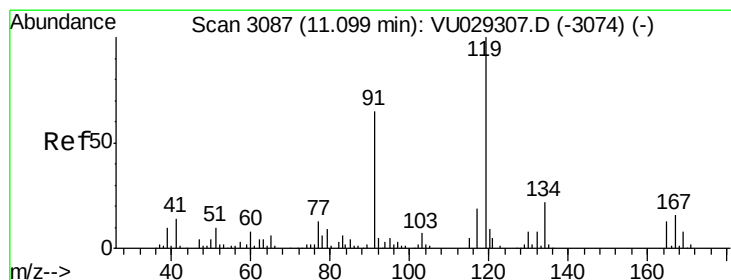
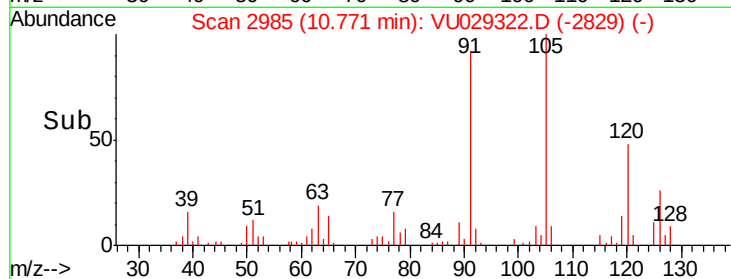
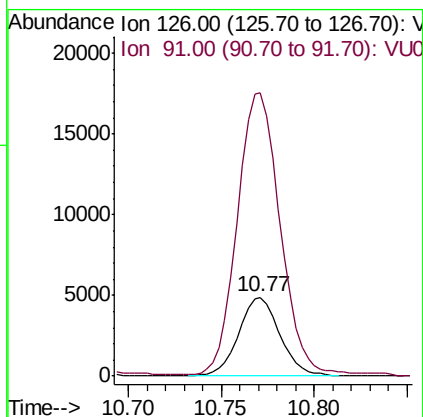
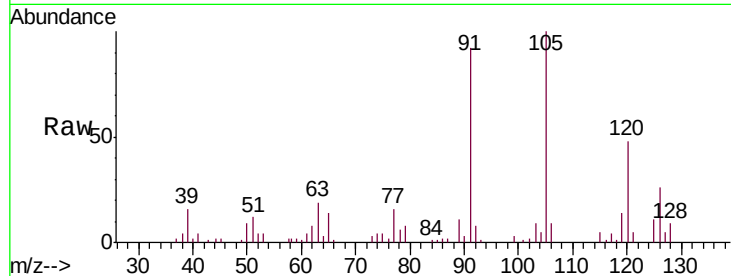




#76
4-Chlorotoluene
Concen: 2.931 ug/l
RT: 10.77 min Scan# 2985
Delta R.T. 0.00 min
Lab File: VU029322.D
Acq: 30 Jan 2019 18:02

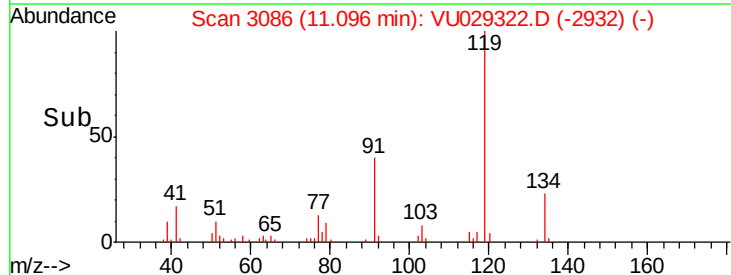
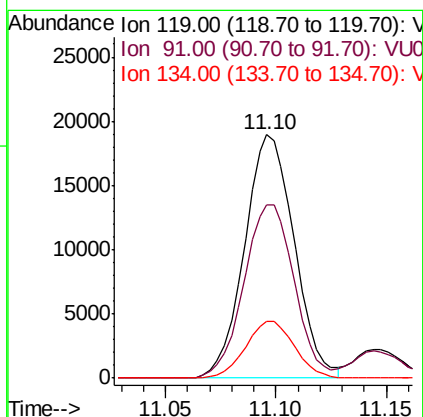
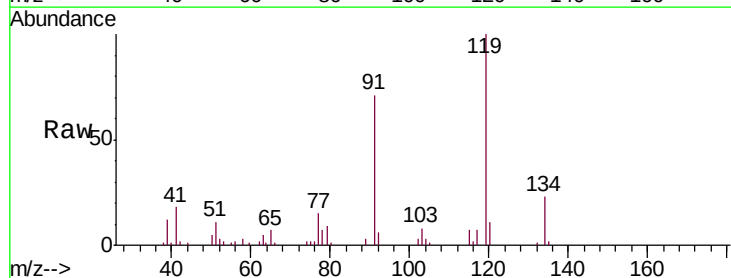
Instrument :
MSVOA_U
ClientSampleId :
PT-UNRVOA-WSDL

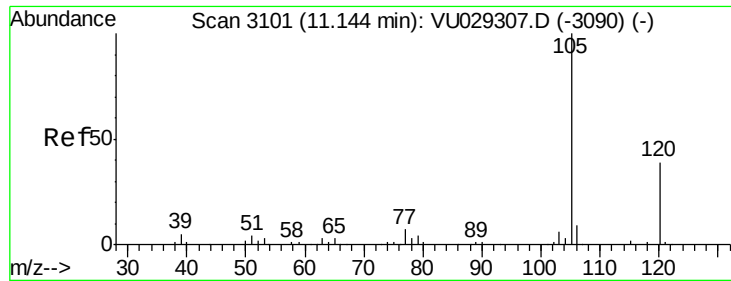
Tgt Ion:126 Resp: 7541
Ion Ratio Lower Upper
126 100
91 378.7 0.0 727.4



#77
tert-Butylbenzene
Concen: 3.355 ug/l
RT: 11.10 min Scan# 3086
Delta R.T. -0.00 min
Lab File: VU029322.D
Acq: 30 Jan 2019 18:02

Tgt Ion:119 Resp: 29554
Ion Ratio Lower Upper
119 100
91 72.0 32.2 96.6
134 22.8 17.6 26.4





#78

1,2,4-Trimethylbenzene

Concen: 2.829 ug/l

RT: 11.14 min Scan# 3101

Delta R.T. -0.00 min

Lab File: VU029322.D

Acq: 30 Jan 2019 18:02

Instrument :

MSVOA_U

ClientSampleId :

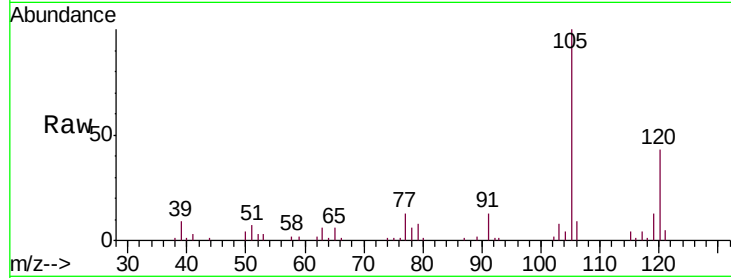
PT-UNRVOA-WSDL

Tgt Ion:105 Resp: 26431

Ion Ratio Lower Upper

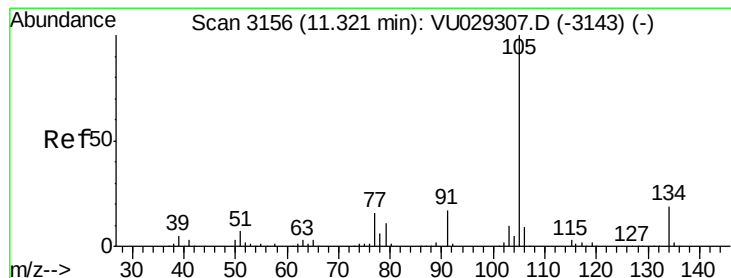
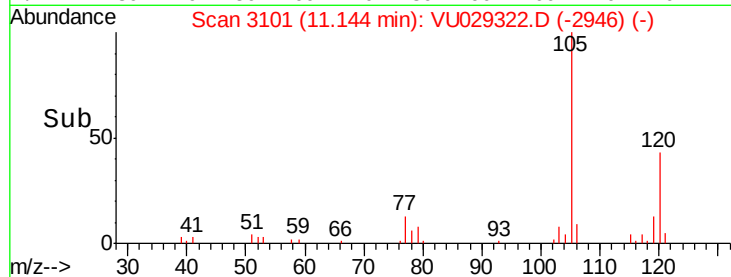
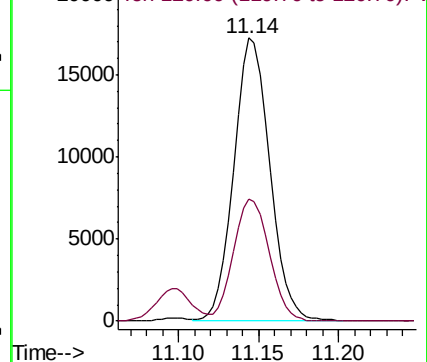
105 100

120 42.9 21.4 64.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#79

sec-Butylbenzene

Concen: 2.859 ug/l

RT: 11.32 min Scan# 3156

Delta R.T. -0.00 min

Lab File: VU029322.D

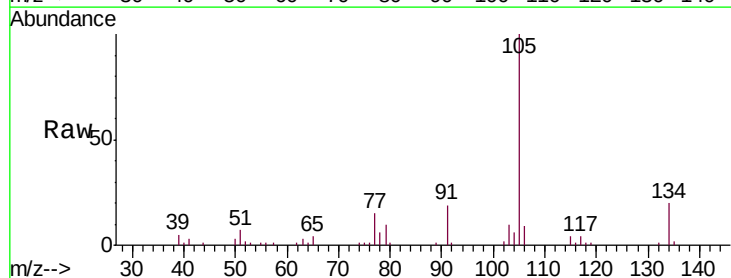
Acq: 30 Jan 2019 18:02

Tgt Ion:105 Resp: 32960

Ion Ratio Lower Upper

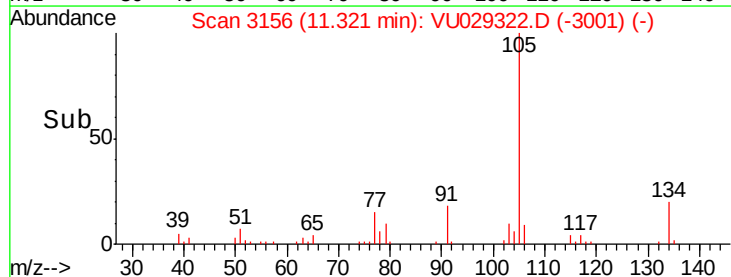
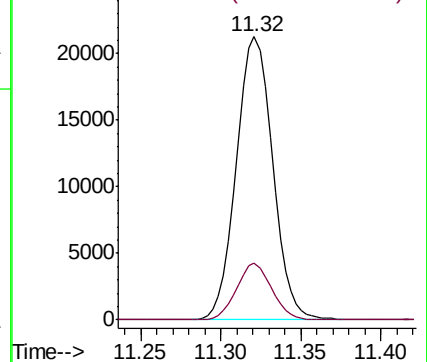
105 100

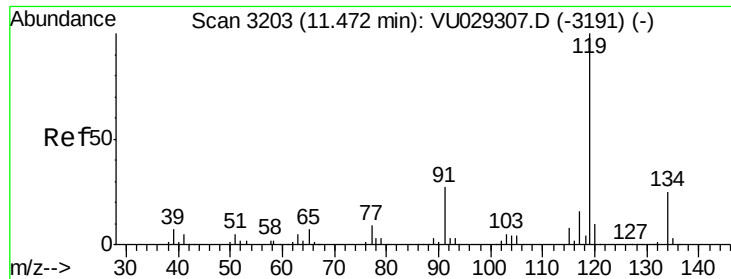
134 19.2 15.0 22.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

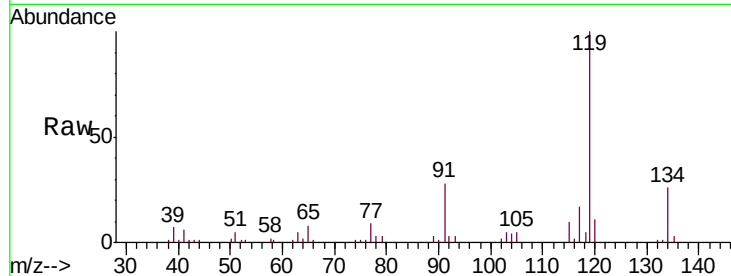




#81
 p-Isopropyltoluene
 Concen: 3.046 ug/l
 RT: 11.47 min Scan# 3203
 Delta R.T. -0.00 min
 Lab File: VU029322.D
 Acq: 30 Jan 2019 18:02

Instrument :
 MSVOA_U
 ClientSampleId :
 PT-UNRVOA-WSDL

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.3	19.8	29.6
91	27.4	21.5	32.3

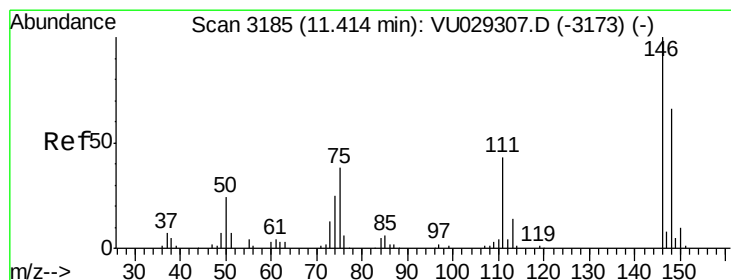
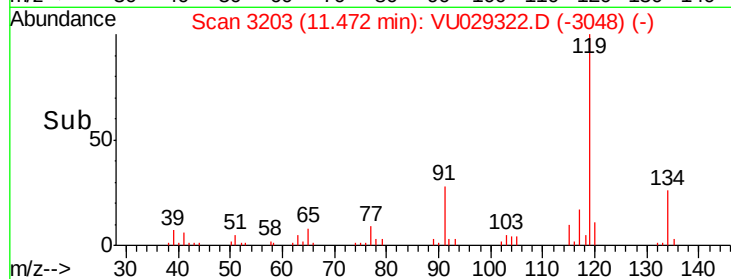
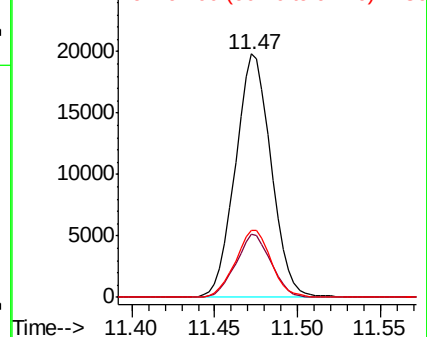


Abundance

Ion 119.00 (118.70 to 119.70): V

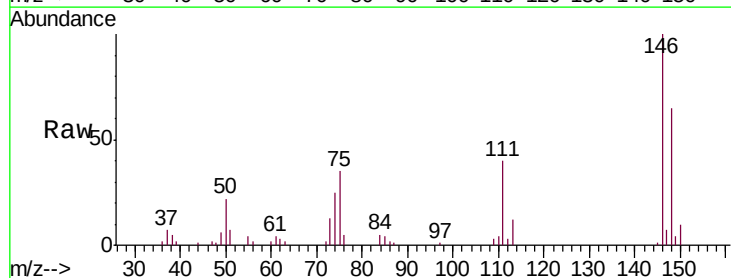
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#82
 1,3-Dichlorobenzene
 Concen: 3.262 ug/l
 RT: 11.41 min Scan# 3185
 Delta R.T. -0.00 min
 Lab File: VU029322.D
 Acq: 30 Jan 2019 18:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	34.1	51.1
148	63.9	52.3	78.5

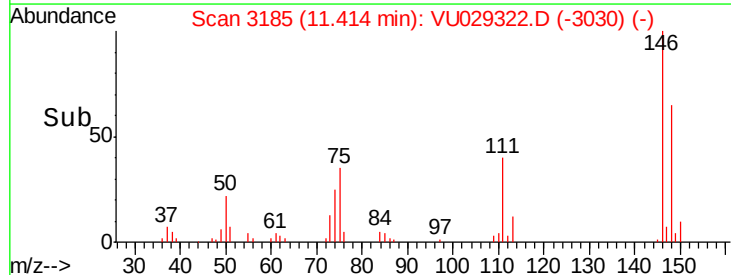
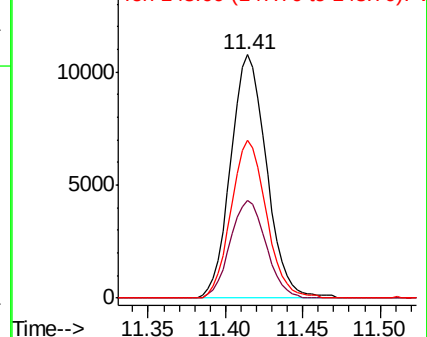


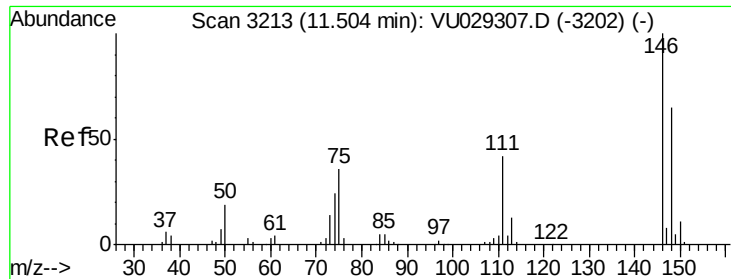
Abundance

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

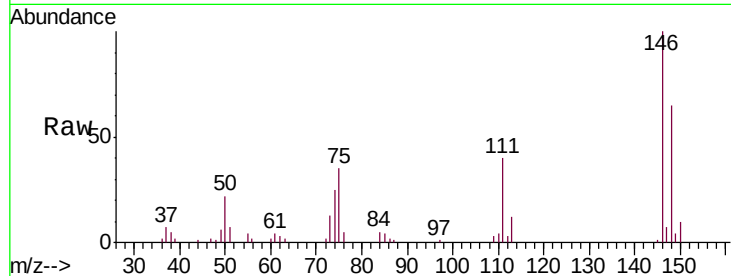




#83
 1,4-Dichlorobenzene
 Concen: 3.238 ug/l
 RT: 11.41 min Scan# 3185
 Delta R.T. -0.09 min
 Lab File: VU029322.D
 Acq: 30 Jan 2019 18:02

Instrument :
 MSVOA_U
 ClientSampleId :
 PT-UNRVOA-WSDL

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	32.9	49.3
148	63.9	51.8	77.6

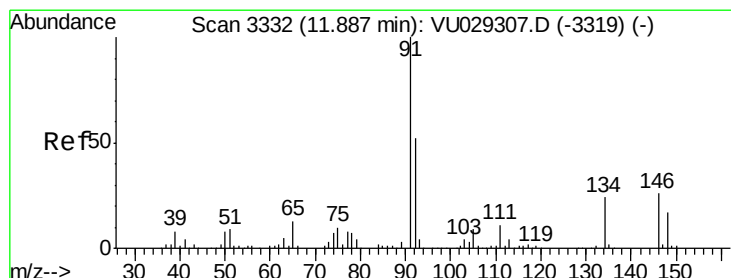
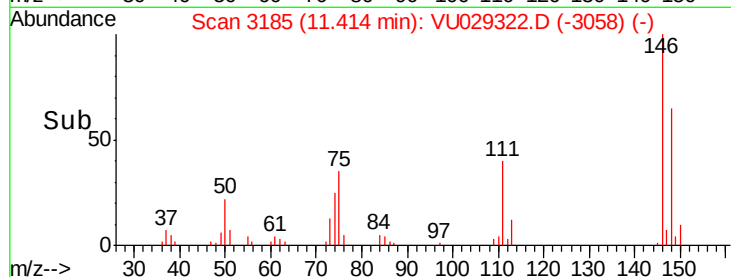
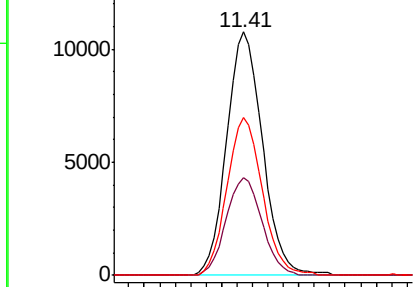


Abundance

Ion 146.00 (145.70 to 146.70): V

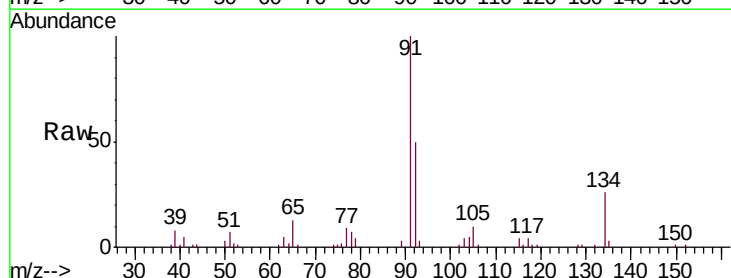
Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#84
 n-Butylbenzene
 Concen: 2.933 ug/l
 RT: 11.89 min Scan# 3332
 Delta R.T. -0.00 min
 Lab File: VU029322.D
 Acq: 30 Jan 2019 18:02

Tgt Ion	Ratio	Lower	Upper
91	100		
92	50.1	41.0	61.6
134	25.3	19.1	28.7

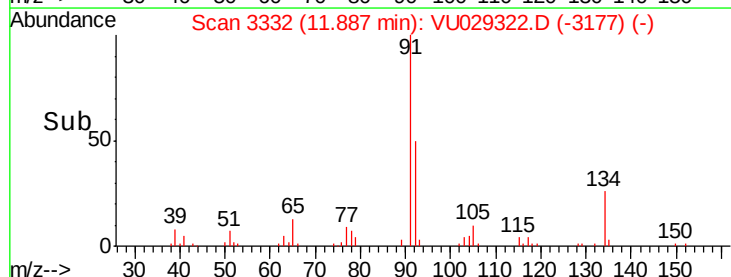
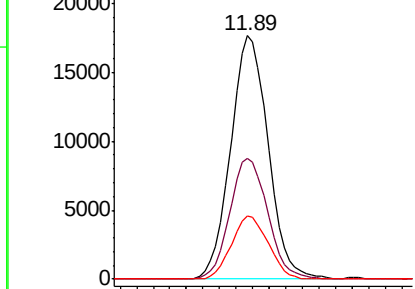


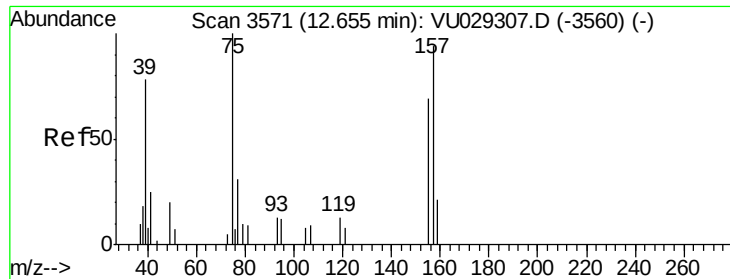
Abundance

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

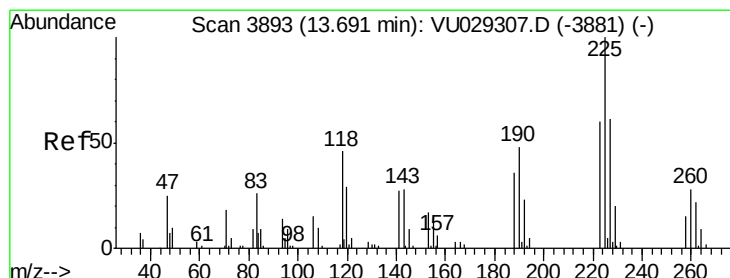
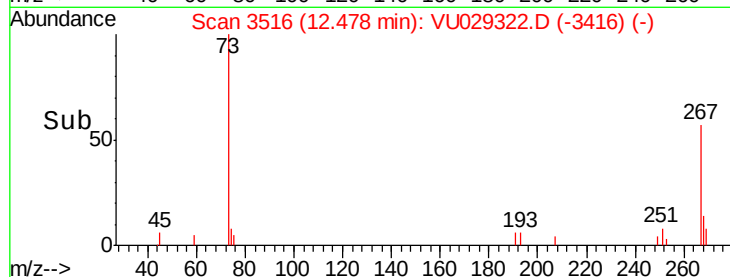
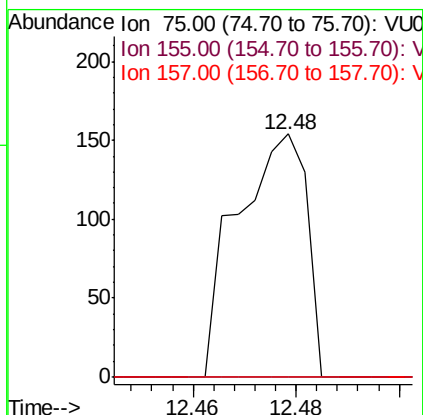
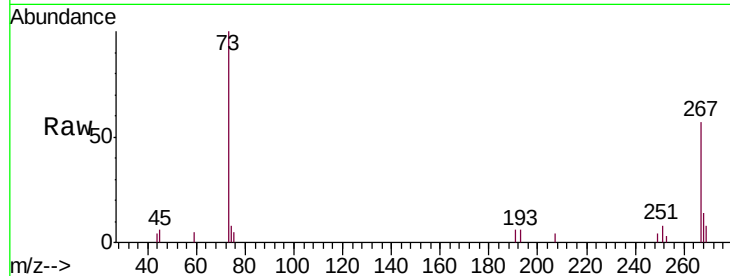




#86
 1,2-Dibromo-3-Chloropropane
 Concen: 0.349 ug/l
 RT: 12.48 min Scan# 3516
 Delta R.T. -0.18 min
 Lab File: VU029322.D
 Acq: 30 Jan 2019 18:02

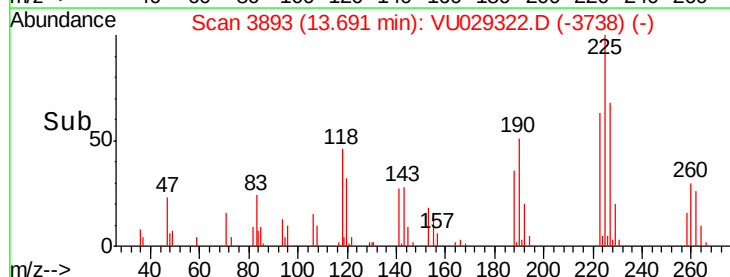
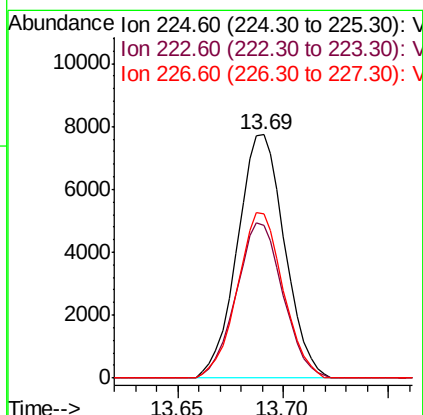
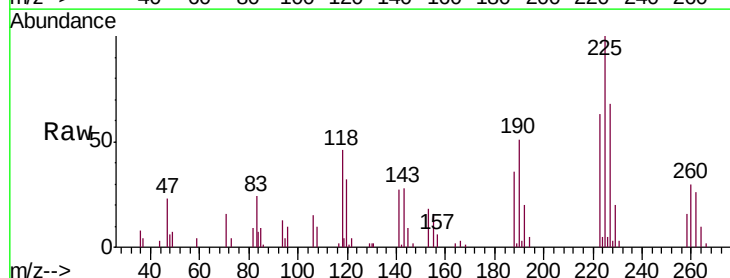
Instrument :
 MSVOA_U
 ClientSampleId :
 PT-UNRVOA-WSDL

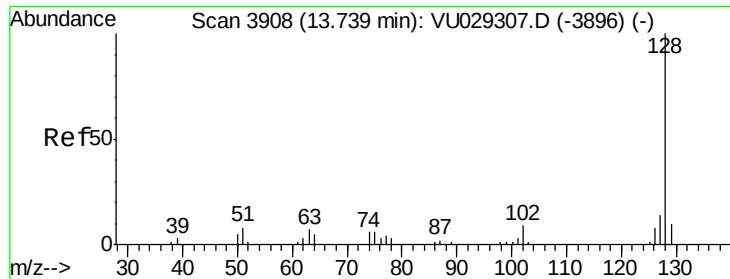
Tgt Ion: 75 Resp: 144
 Ion Ratio Lower Upper
 75 100
 155 0.0 53.8 80.8#
 157 0.0 69.2 103.8#



#88
 Hexachlorobutadiene
 Concen: 5.822 ug/l
 RT: 13.69 min Scan# 3893
 Delta R.T. -0.00 min
 Lab File: VU029322.D
 Acq: 30 Jan 2019 18:02

Tgt Ion: 225 Resp: 12036
 Ion Ratio Lower Upper
 225 100
 223 62.9 49.5 74.3
 227 65.7 50.4 75.6





#89

Naphthalene

Concen: 3.594 ug/l

RT: 13.74 min Scan# 3909

Delta R.T. 0.00 min

Lab File: VU029322.D

Acq: 30 Jan 2019 18:02

Instrument :

MSVOA_U

ClientSampleId :

PT-UNRVOA-WSDL

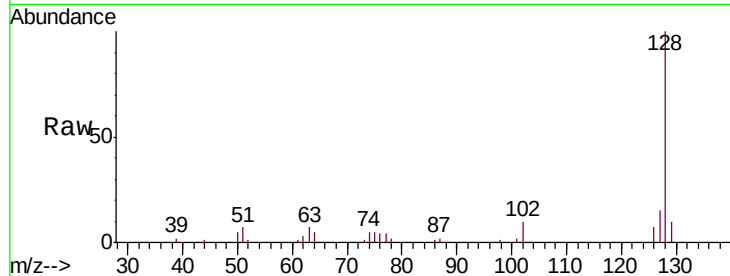
Tgt Ion:128 Resp: 18700

Ion Ratio Lower Upper

128 100

127 14.3 10.7 16.1

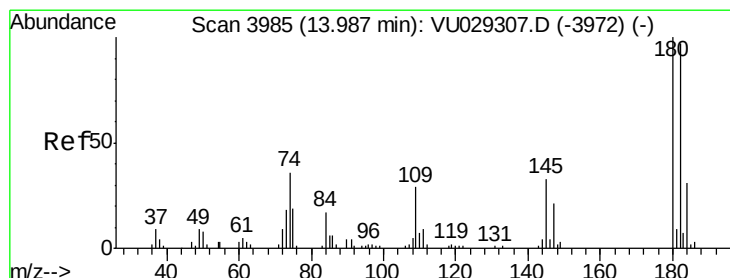
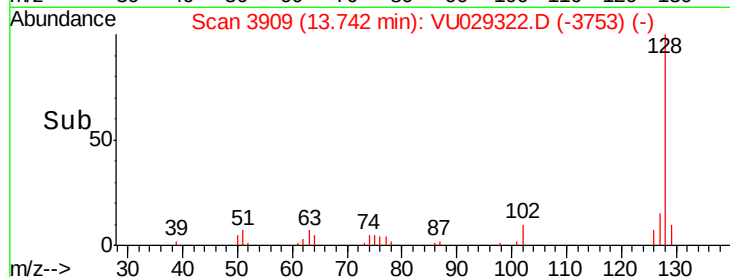
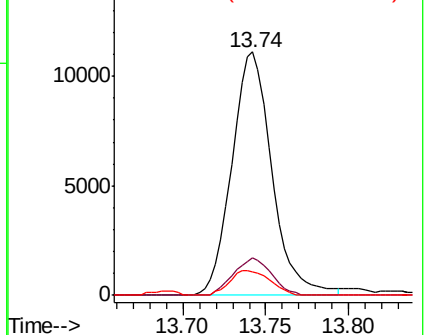
129 10.0 8.2 12.4



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: 9.894 ug/l

RT: 13.98 min Scan# 3984

Delta R.T. -0.00 min

Lab File: VU029322.D

Acq: 30 Jan 2019 18:02

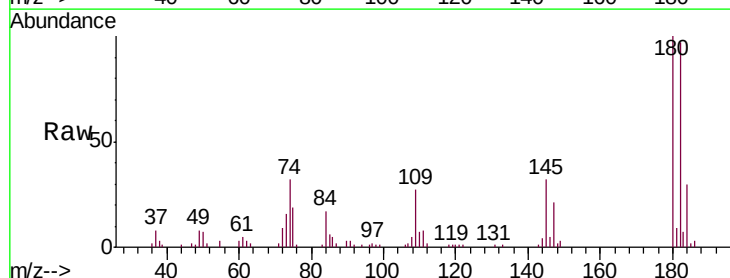
Tgt Ion:180 Resp: 29820

Ion Ratio Lower Upper

180 100

182 97.3 78.0 117.0

145 30.8 26.6 39.8



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

