

Data File : VU029321.D
Acq On : 30 Jan 2019 17:34
Operator : JC/SP
Sample : K1161-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PT-UNRVOA-WS

Quant Time: Jan 31 06:26:39 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	7457	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.30	95	2947	1.02	ug/l	0.00
Spiked Amount	1.000		Recovery	=	102.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	3216	1.11	ug/l	0.00
Spiked Amount	1.000		Recovery	=	111.00%	

Target Compounds

						Qvalue
3) Chloromethane	1.32	50	38697	13.891	ug/l	99
5) Bromomethane	1.62	94	431	0.239	ug/l	87
6) Chloroethane	1.69	64	50908	25.300	ug/l	98
7) Trichlorofluoromethane	1.88	101	96337	18.104	ug/l	95
10) Iodomethane	2.40	142	130	0.563	ug/l #	62
12) Acrylonitrile	3.00	53	3325	5.363	ug/l #	27
13) Acetone	2.31	43	418	0.545	ug/l #	51
15) Methylene Chloride	2.68	84	806	0.296	ug/l #	90
17) 1,1-Dichloroethane	3.43	63	97462	19.454	ug/l	99
21) 2,2-Dichloropropane	4.21	77	45376	9.992	ug/l	95
24) tert-Butyl Alcohol	2.83	59	630	2.428	ug/l #	71
25) Methyl tert-Butyl Ether	2.99	73	262666	37.563	ug/l	99
26) Bromochloromethane	4.54	128	9935	9.963	ug/l	91
29) 1,1-Dichloropropene	5.12	75	41442	11.987	ug/l	98
37) Trichloroethene	6.18	130	481	0.201	ug/l #	72
43) Dibromomethane	6.55	93	26457	20.380	ug/l	96
46) t-1,4-Dichloro-2-butene	10.49	75	21698	35.839	ug/l #	13
50) t-1,3-Dichloropropene	7.87	75	62446	19.342	ug/l	97
51) cis-1,3-Dichloropropene	7.27	75	14916	4.187	ug/l	99
53) 1,3-Dichloropropane	8.24	76	10243	3.209	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.21	131	35211	14.218	ug/l	99
61) Pentachloroethane	11.10	117	9450	4.955	ug/l #	11
62) Hexachloroethane	12.15	117	435	0.237	ug/l	92
69) Isopropylbenzene	10.16	105	55935	5.350	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.46	83	37641	16.552	ug/l	99
71) 1,2,3-Trichloropropane	10.49	75	21698	11.240	ug/l #	95
72) Bromobenzene	10.45	156	49224	19.084	ug/l	96
73) n-propylbenzene	10.58	120	48099	17.101	ug/l	96
74) 2-Chlorotoluene	10.66	126	56475	23.047	ug/l	96
75) 1,3,5-Trimethylbenzene	10.77	105	193787	20.919	ug/l	99
76) 4-Chlorotoluene	10.77	126	46157	17.754	ug/l	97
77) tert-Butylbenzene	11.10	119	184515	20.732	ug/l	91
78) 1,2,4-Trimethylbenzene	11.14	105	162068	17.167	ug/l	100
79) sec-Butylbenzene	11.32	105	201316	17.282	ug/l	99
81) p-Isopropyltoluene	11.47	119	186451	18.927	ug/l	99
82) 1,3-Dichlorobenzene	11.41	146	95233	17.804	ug/l	99
83) 1,4-Dichlorobenzene	11.41	146	95233	17.674	ug/l	99
84) n-Butylbenzene	11.89	91	180275	18.831	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.48	75	177	0.424	ug/l #	11
88) Hexachlorobutadiene	13.69	225	69747	33.392	ug/l	99
89) Naphthalene	13.74	128	115806	22.026	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013019\
Quantitation Report (Not Reviewed)

Data File : VU029321.D
Acq On : 30 Jan 2019 17:34
Operator : JC/SP
Sample : K1161-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PT-UNRVOA-WS

Quant Time: Jan 31 06:26:39 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

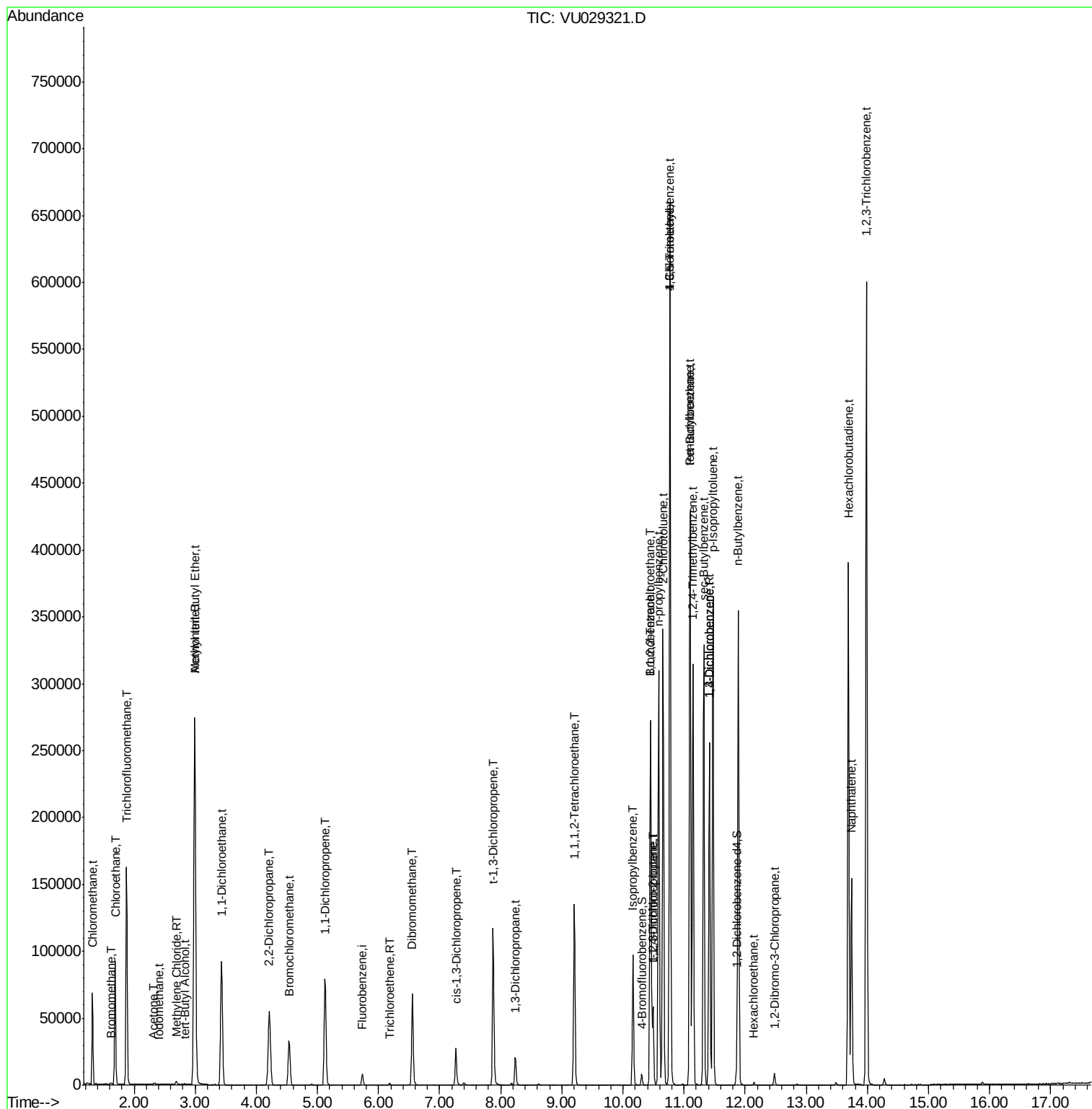
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) 1,2,3-Trichlorobenzene	13.98	180	170684	56.048	ug/l	98

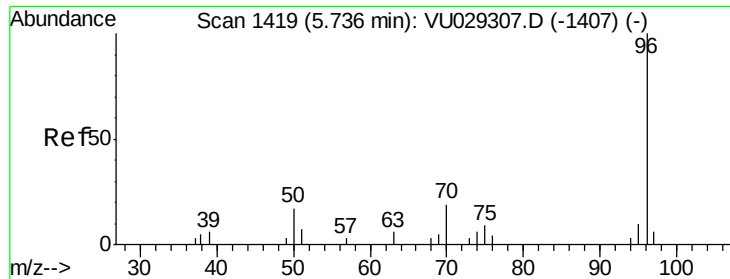
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU029321.D
Acq On : 30 Jan 2019 17:34
Operator : JC/SP
Sample : K1161-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PT-UNRVOA-WS

Quant Time: Jan 31 06:26:39 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





#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1419

Delta R.T. -0.00 min

Lab File: VU029321.D

Acq: 30 Jan 2019 17:34

Instrument :

MSVOA_U

ClientSampleId :

PT-UNRVOA-WS

Tgt Ion: 96 Resp: 7457

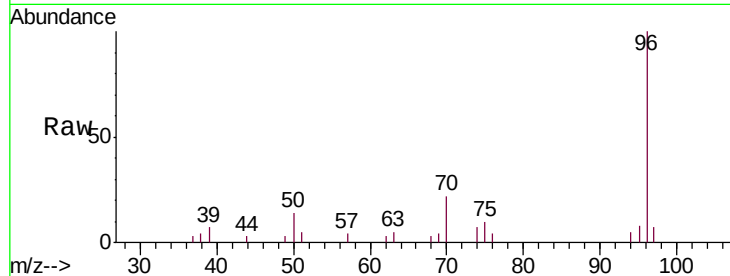
Ion Ratio Lower Upper

96 100

70 20.6 16.2 24.2

95 7.4 7.4 11.2

97 5.0 0.0 0.0#

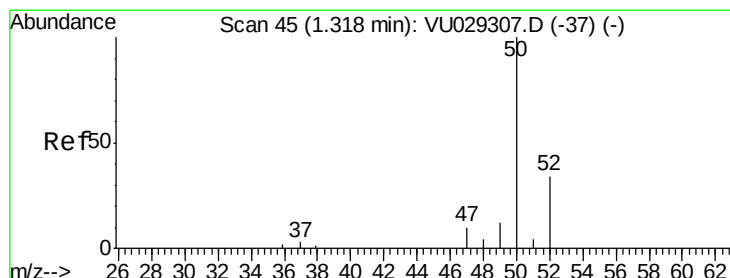
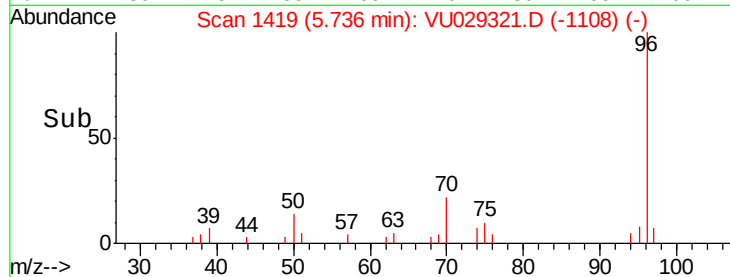
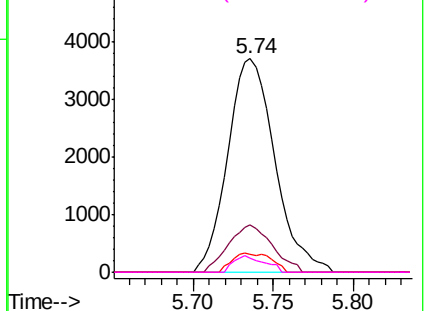


Abundance Ion 96.00 (95.70 to 96.70): VU0

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



#3

Chloromethane

Concen: 13.891 ug/l

RT: 1.32 min Scan# 45

Delta R.T. -0.00 min

Lab File: VU029321.D

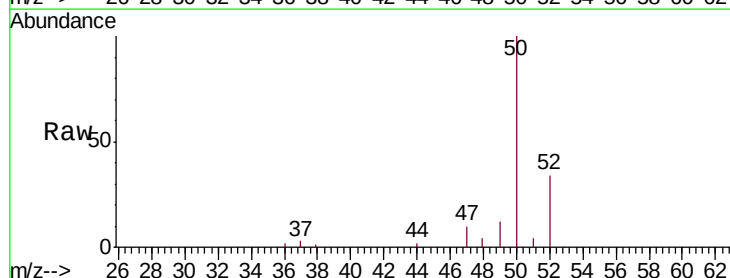
Acq: 30 Jan 2019 17:34

Tgt Ion: 50 Resp: 38697

Ion Ratio Lower Upper

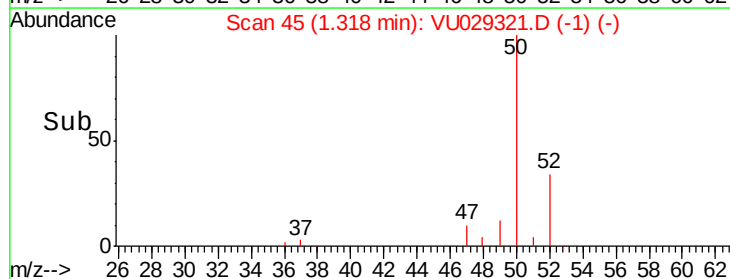
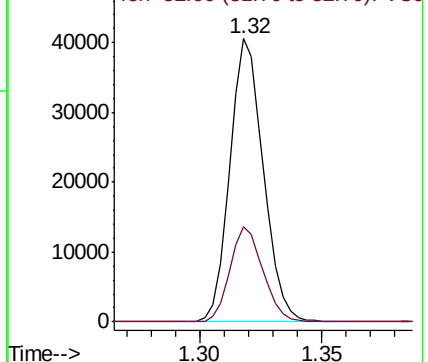
50 100

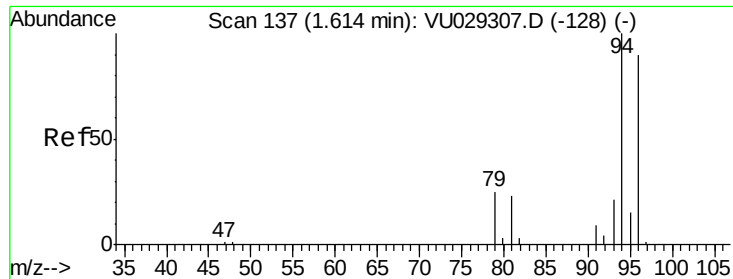
52 33.6 27.3 40.9



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

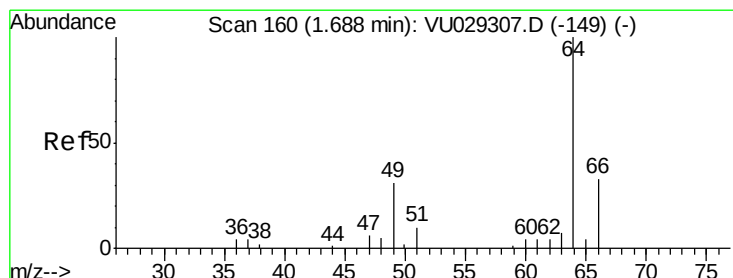
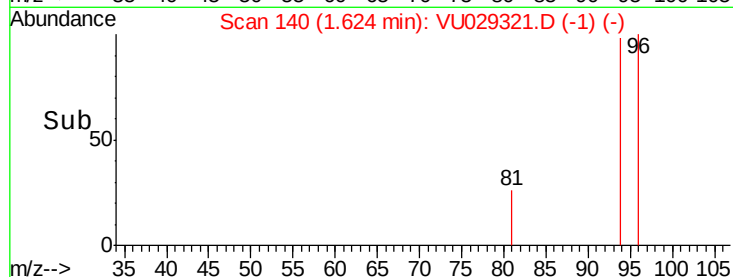
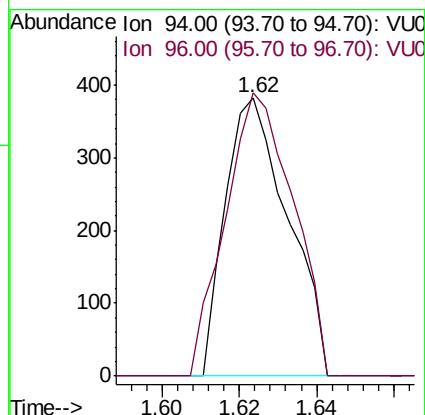
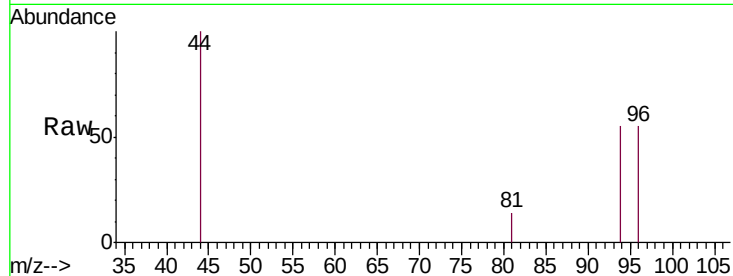




#5
Bromomethane
Concen: 0.239 ug/l
RT: 1.62 min Scan# 140
Delta R.T. 0.01 min
Lab File: VU029321.D
Acq: 30 Jan 2019 17:34

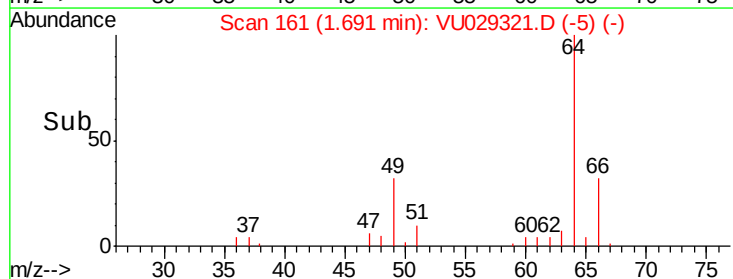
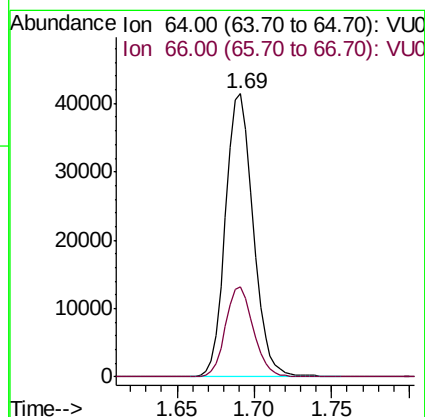
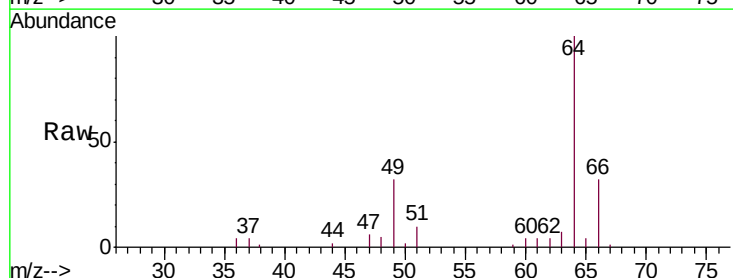
Instrument :
MSVOA_U
ClientSampleId :
PT-UNRVOA-WS

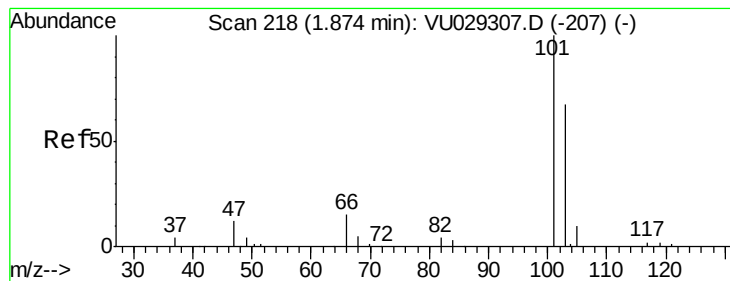
Tgt Ion: 94 Resp: 431
Ion Ratio Lower Upper
94 100
96 101.6 71.7 107.5



#6
Chloroethane
Concen: 25.300 ug/l
RT: 1.69 min Scan# 161
Delta R.T. 0.00 min
Lab File: VU029321.D
Acq: 30 Jan 2019 17:34

Tgt Ion: 64 Resp: 50908
Ion Ratio Lower Upper
64 100
66 32.0 26.3 39.5



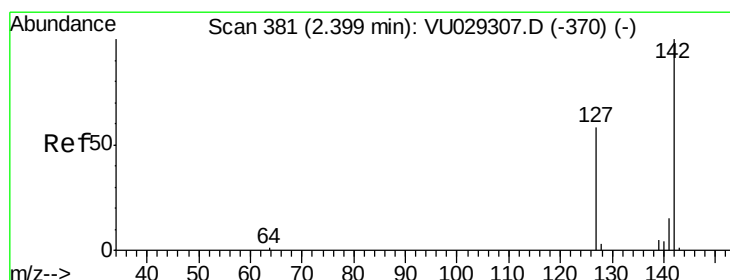
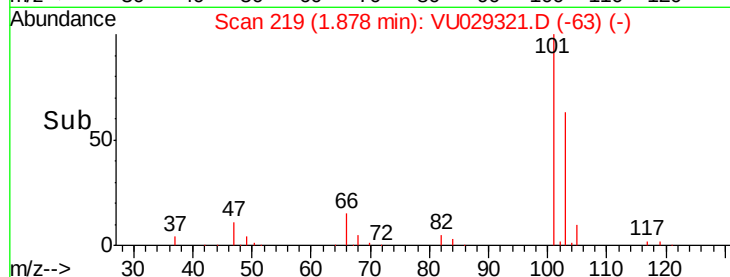
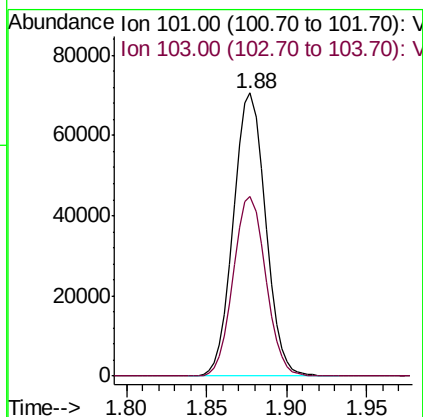
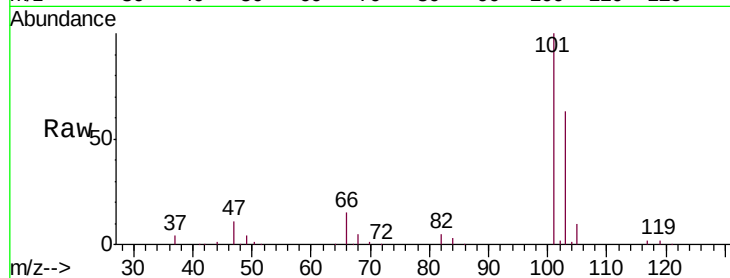


#7

Trichlorofluoromethane
 Concen: 18.104 ug/l
 RT: 1.88 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: VU029321.D
 Acq: 30 Jan 2019 17:34

Instrument :
 MSVOA_U
 ClientSampleId :
 PT-UNRVOA-WS

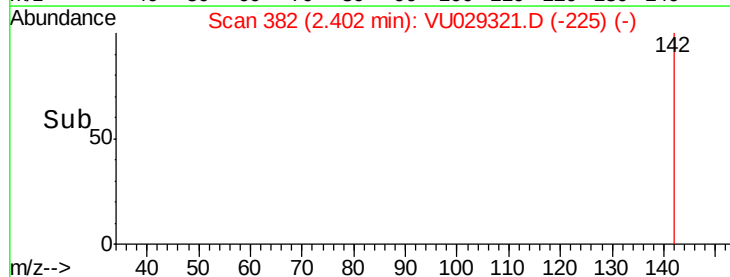
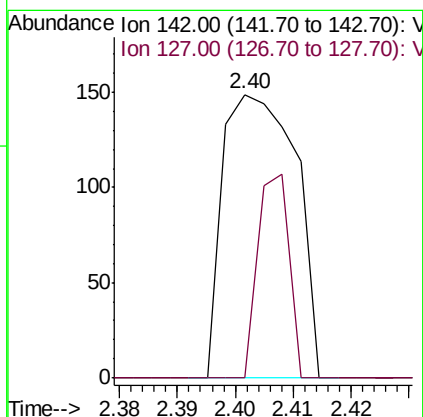
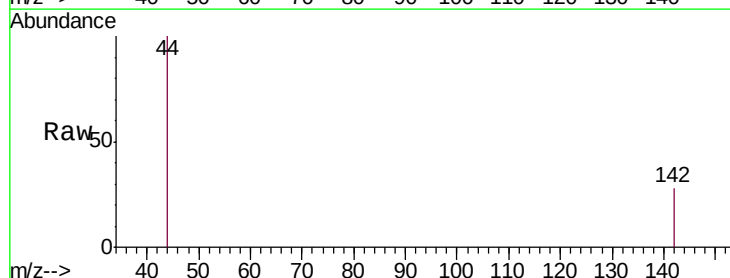
Tgt Ion:101 Resp: 96337
 Ion Ratio Lower Upper
 101 100
 103 63.4 53.9 80.9

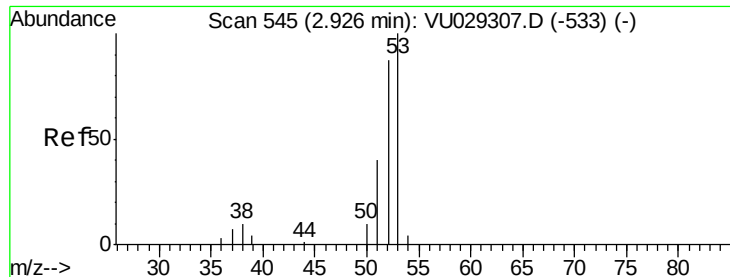


#10

Iodomethane
 Concen: 0.563 ug/l
 RT: 2.40 min Scan# 382
 Delta R.T. 0.00 min
 Lab File: VU029321.D
 Acq: 30 Jan 2019 17:34

Tgt Ion:142 Resp: 130
 Ion Ratio Lower Upper
 142 100
 127 30.8 47.6 71.4#





#12

Acrylonitrile

Concen: 5.363 ug/l

RT: 3.00 min Scan# 567

Delta R.T. 0.07 min

Lab File: VU029321.D

Acq: 30 Jan 2019 17:34

Instrument :

MSVOA_U

ClientSampleId :

PT-UNRVOA-WS

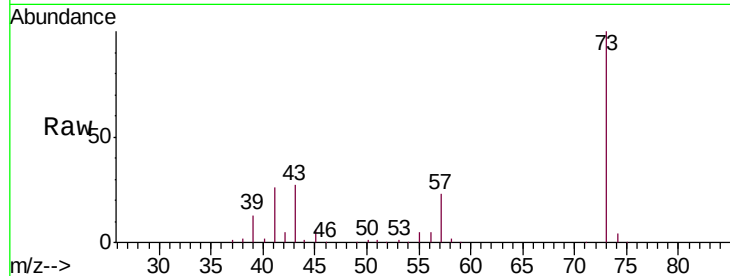
Tgt Ion: 53 Resp: 3325

Ion Ratio Lower Upper

53 100

52 17.8 67.6 101.4#

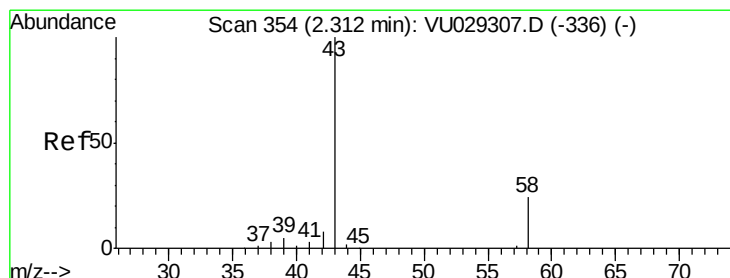
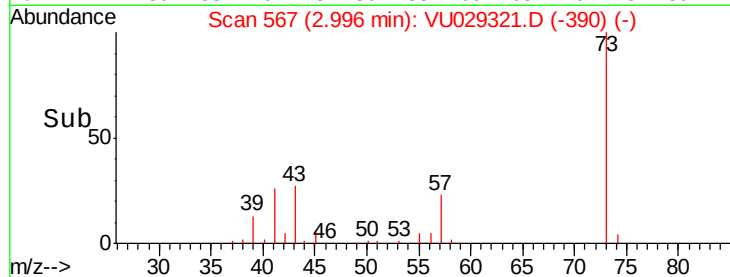
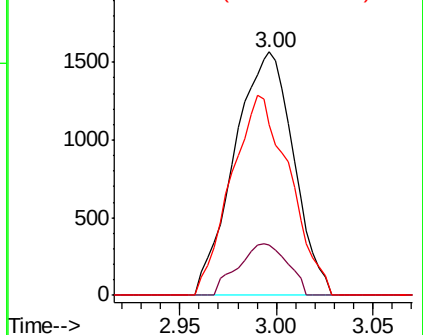
51 81.7 31.0 46.4#



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



#13

Acetone

Concen: 0.545 ug/l

RT: 2.31 min Scan# 354

Delta R.T. -0.00 min

Lab File: VU029321.D

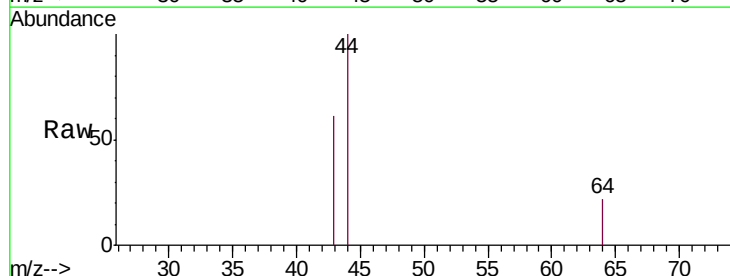
Acq: 30 Jan 2019 17:34

Tgt Ion: 43 Resp: 418

Ion Ratio Lower Upper

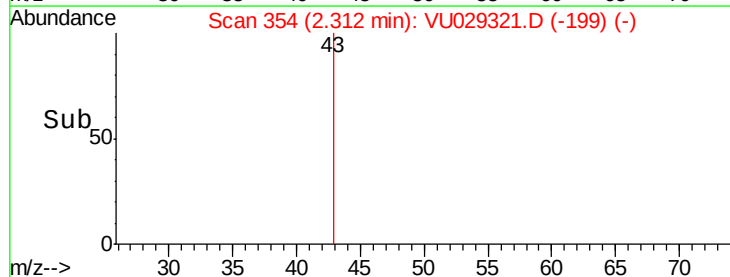
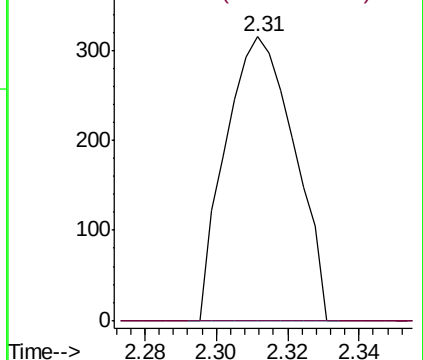
43 100

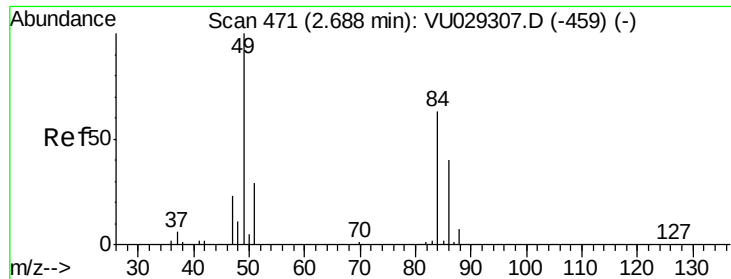
58 0.0 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

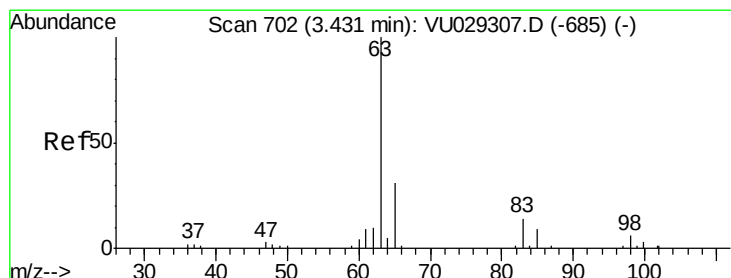
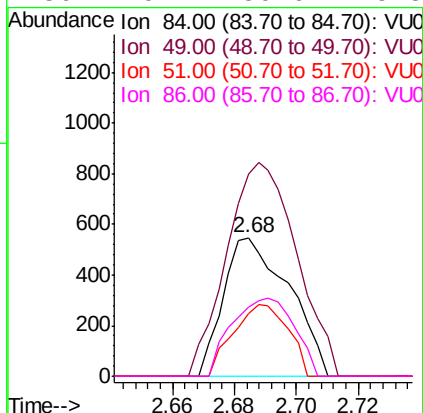
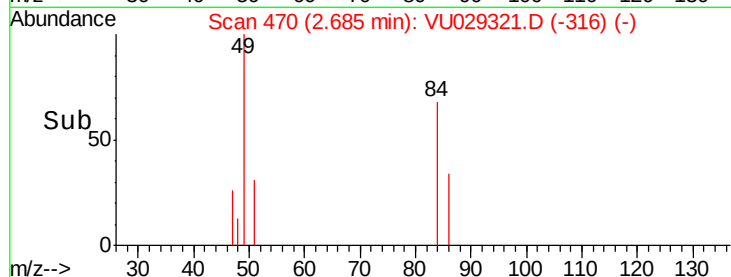
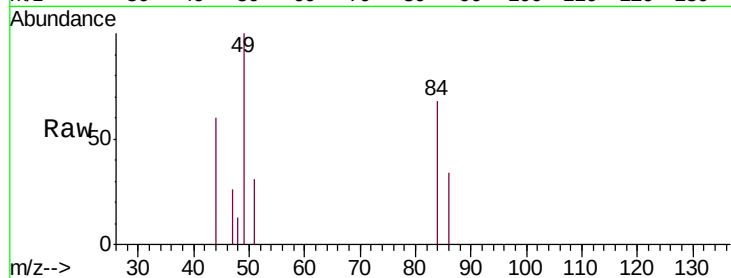




#15
Methylene Chloride
Concen: 0.296 ug/l
RT: 2.68 min Scan# 470
Delta R.T. -0.00 min
Lab File: VU029321.D
Acq: 30 Jan 2019 17:34

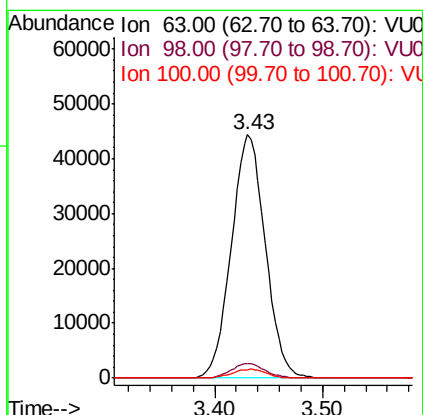
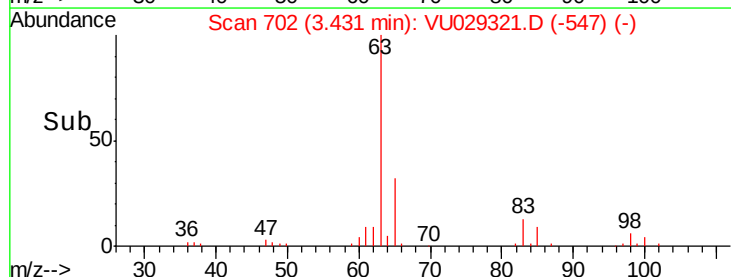
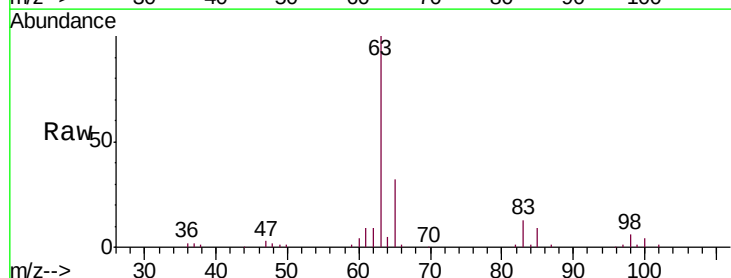
Instrument :
MSVOA_U
ClientSampleId :
PT-UNRVOA-WS

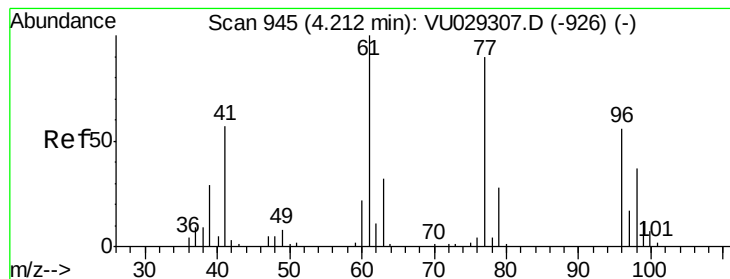
Tgt Ion: 84 Resp: 806
Ion Ratio Lower Upper
84 100
49 146.4 127.0 190.6
51 45.3 0.0 93.4
86 49.7 50.6 75.8#



#17
1,1-Dichloroethane
Concen: 19.454 ug/l
RT: 3.43 min Scan# 702
Delta R.T. -0.00 min
Lab File: VU029321.D
Acq: 30 Jan 2019 17:34

Tgt Ion: 63 Resp: 97462
Ion Ratio Lower Upper
63 100
98 6.2 2.9 8.8
100 3.6 1.7 5.1





#21

2,2-Dichloropropane

Concen: 9.992 ug/l

RT: 4.21 min Scan# 944

Delta R.T. -0.00 min

Lab File: VU029321.D

Acq: 30 Jan 2019 17:34

Instrument :

MSVOA_U

ClientSampleId :

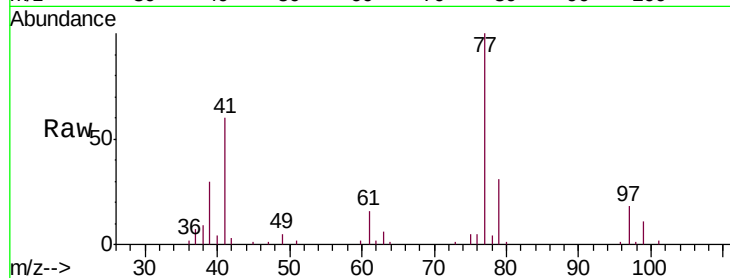
PT-UNRVOA-WS

Tgt Ion: 77 Resp: 45376

Ion Ratio Lower Upper

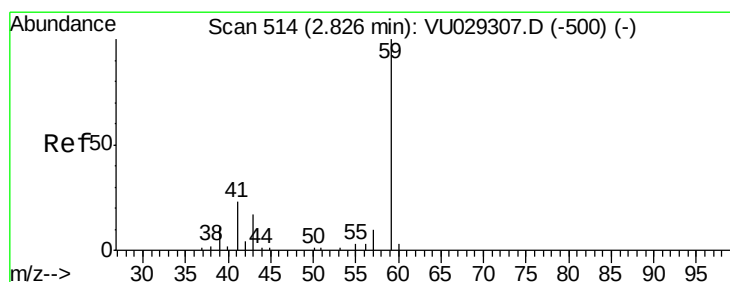
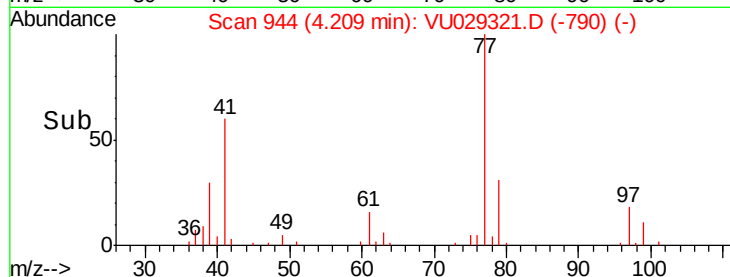
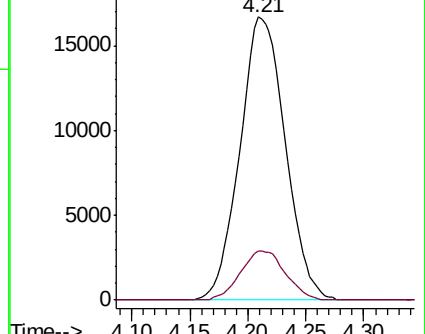
77 100

97 17.2 15.6 23.4



Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#24

tert-Butyl Alcohol

Concen: 2.428 ug/l

RT: 2.83 min Scan# 515

Delta R.T. 0.00 min

Lab File: VU029321.D

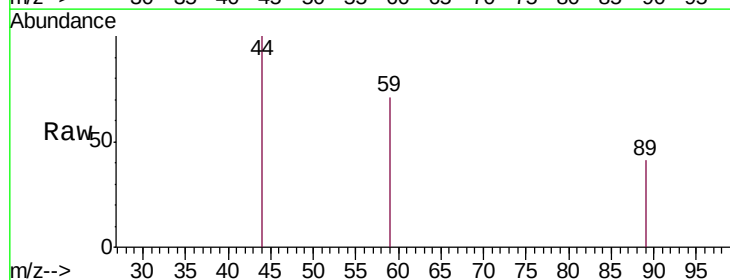
Acq: 30 Jan 2019 17:34

Tgt Ion: 59 Resp: 630

Ion Ratio Lower Upper

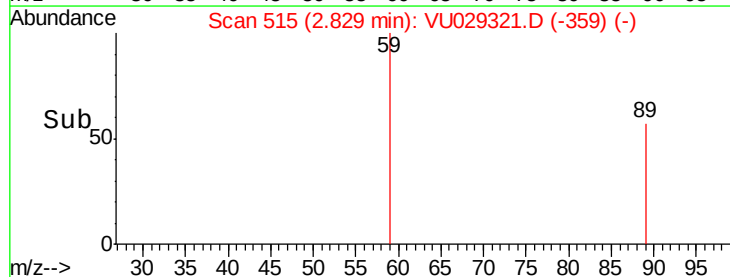
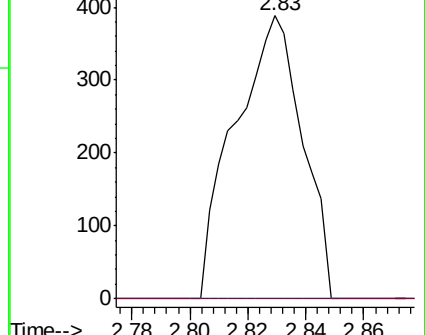
59 100

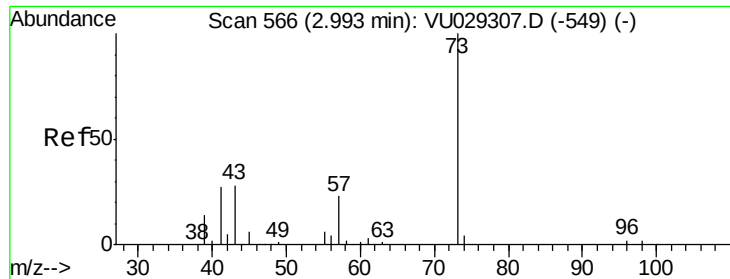
57 0.0 8.8 13.2#



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0



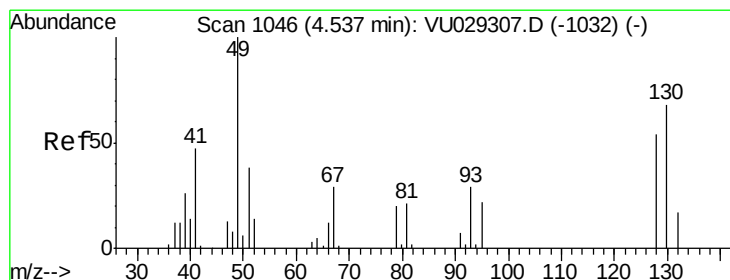
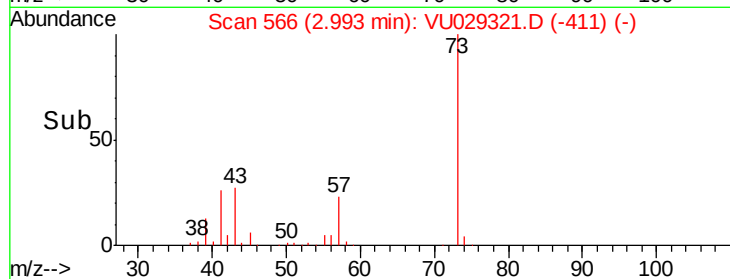
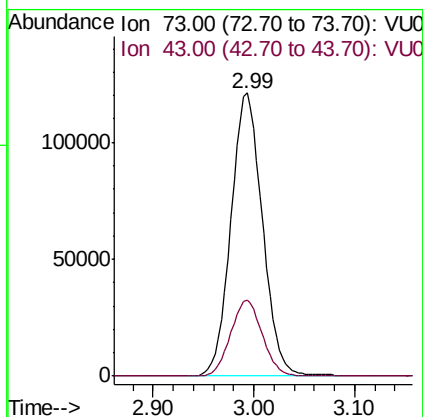
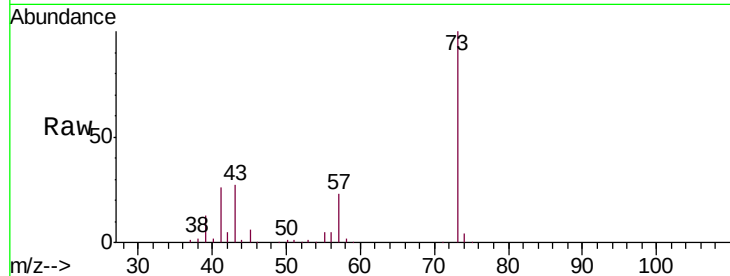


#25

Methyl tert-Butyl Ether
Concen: 37.563 ug/l
RT: 2.99 min Scan# 566
Delta R.T. -0.00 min
Lab File: VU029321.D
Acq: 30 Jan 2019 17:34

Instrument :
MSVOA_U
ClientSampleId :
PT-UNRVOA-WS

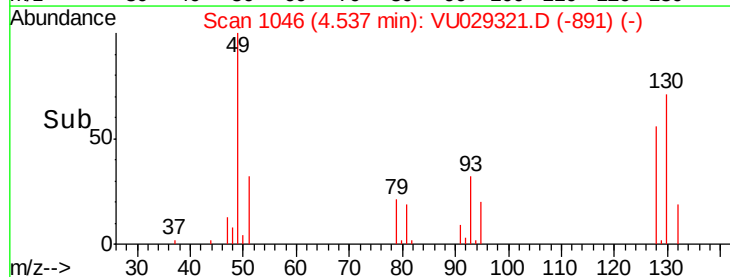
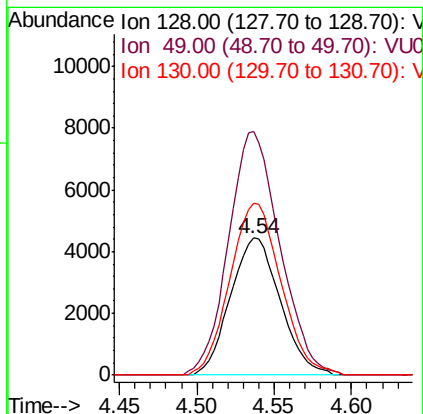
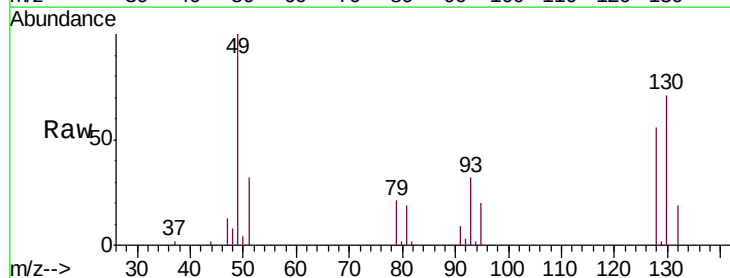
Tgt Ion: 73 Resp: 262666
Ion Ratio Lower Upper
73 100
43 27.1 22.1 33.1

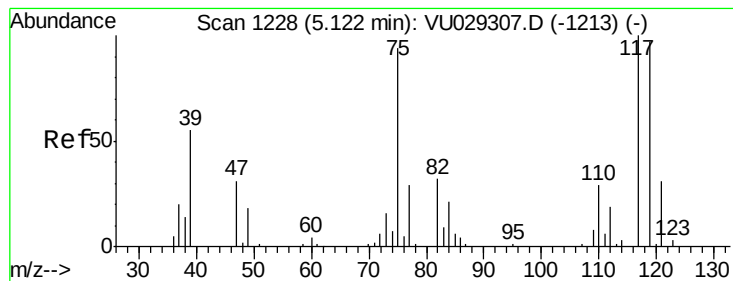


#26

Bromochloromethane
Concen: 9.963 ug/l
RT: 4.54 min Scan# 1046
Delta R.T. -0.00 min
Lab File: VU029321.D
Acq: 30 Jan 2019 17:34

Tgt Ion: 128 Resp: 9935
Ion Ratio Lower Upper
128 100
49 182.6 0.0 401.6
130 128.8 108.0 162.0





#29

1,1-Dichloropropene

Concen: 11.987 ug/l

RT: 5.12 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VU029321.D

Acq: 30 Jan 2019 17:34

Instrument :

MSVOA_U

ClientSampleId :

PT-UNRVOA-WS

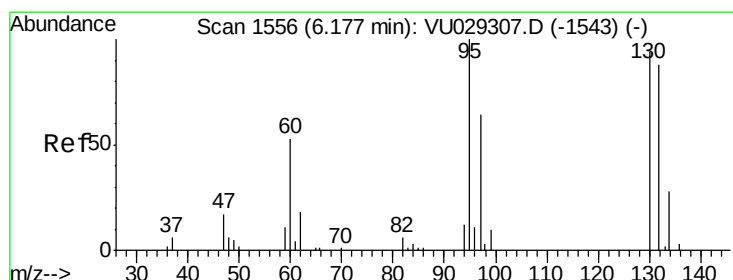
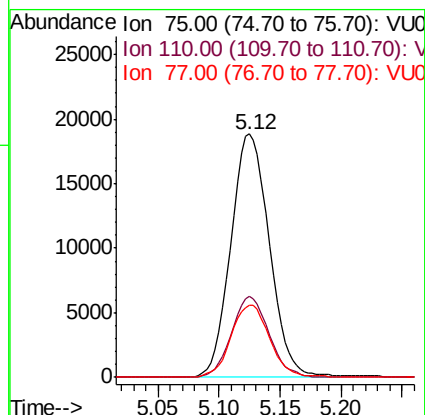
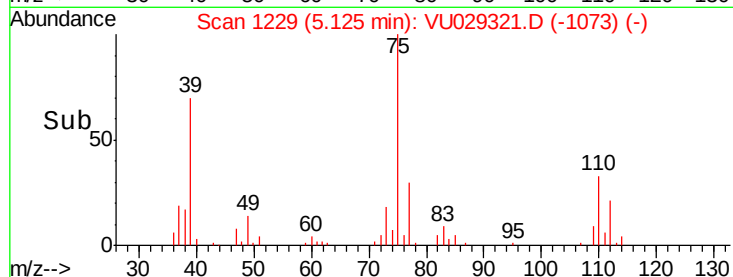
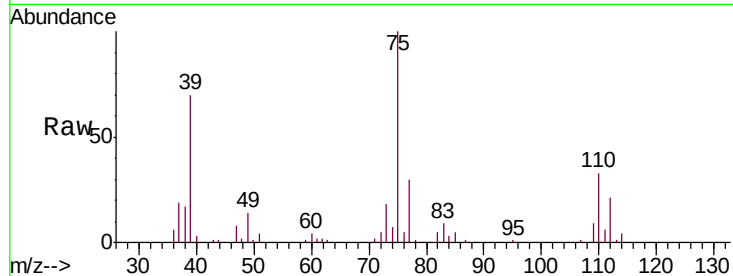
Tgt Ion: 75 Resp: 41442

Ion Ratio Lower Upper

75 100

110 32.1 15.4 46.2

77 29.7 24.1 36.1



#37

Trichloroethene

Concen: 0.201 ug/l

RT: 6.18 min Scan# 1558

Delta R.T. 0.01 min

Lab File: VU029321.D

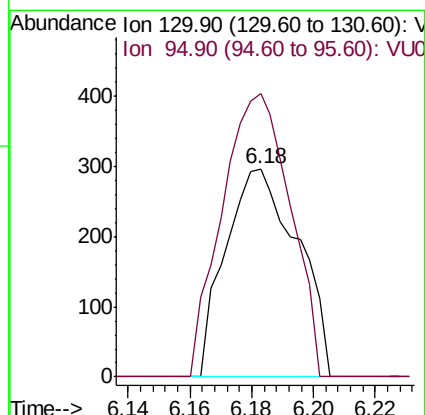
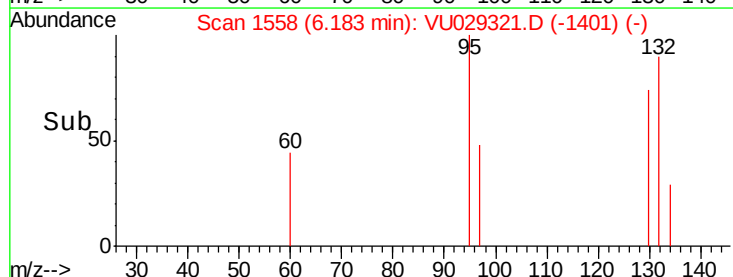
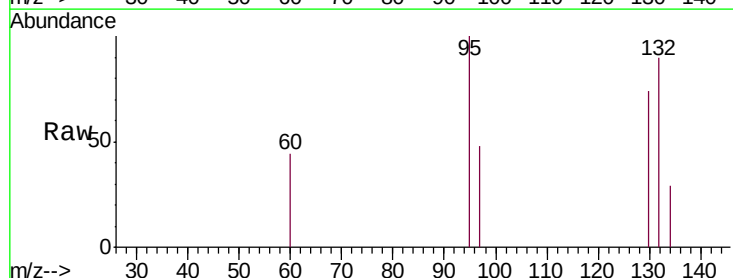
Acq: 30 Jan 2019 17:34

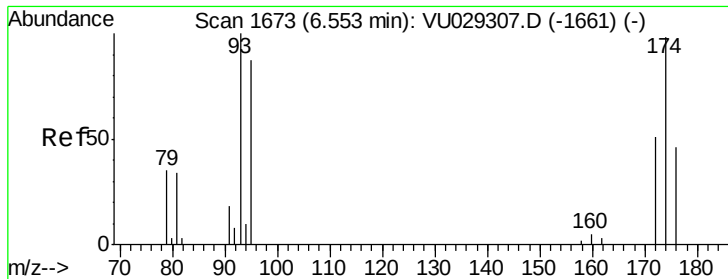
Tgt Ion: 130 Resp: 481

Ion Ratio Lower Upper

130 100

95 135.7 85.4 128.0#





#43

Dibromomethane

Concen: 20.380 ug/l

RT: 6.55 min Scan# 1673

Delta R.T. -0.00 min

Lab File: VU029321.D

Acq: 30 Jan 2019 17:34

Instrument :

MSVOA_U

ClientSampleId :

PT-UNRVOA-WS

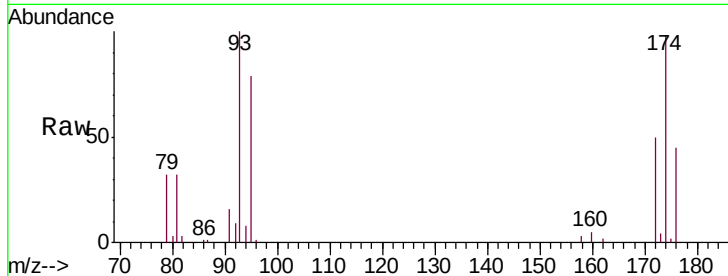
Tgt Ion: 93 Resp: 26457

Ion Ratio Lower Upper

93 100

95 78.5 68.2 102.2

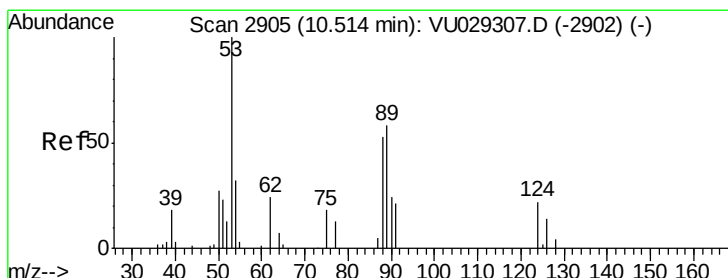
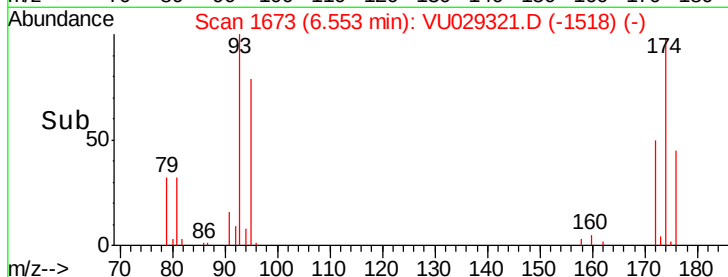
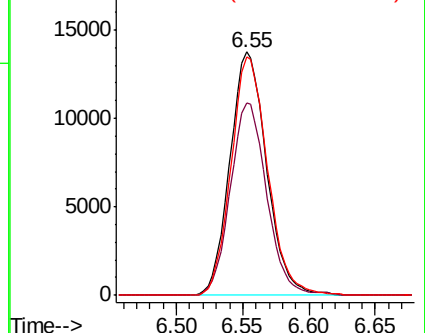
174 97.8 77.6 116.4



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): VU0



#46

t-1,4-Dichloro-2-butene

Concen: 35.839 ug/l

RT: 10.49 min Scan# 2898

Delta R.T. -0.02 min

Lab File: VU029321.D

Acq: 30 Jan 2019 17:34

Tgt Ion: 75 Resp: 21698

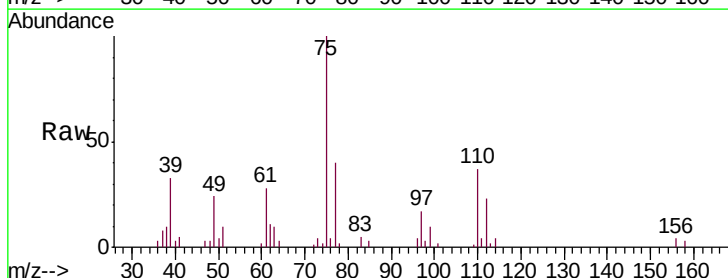
Ion Ratio Lower Upper

75 100

53 0.0 78.2 117.4#

89 0.0 44.2 66.4#

88 0.0 41.4 62.2#

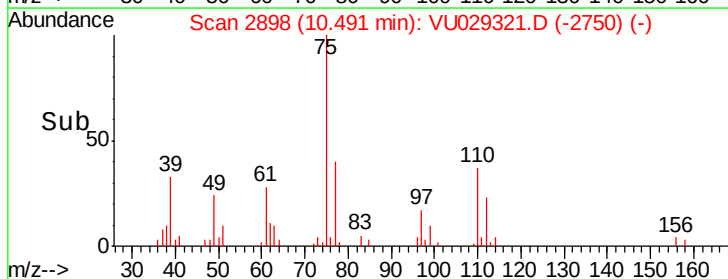
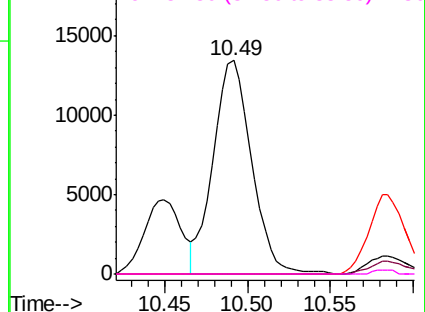


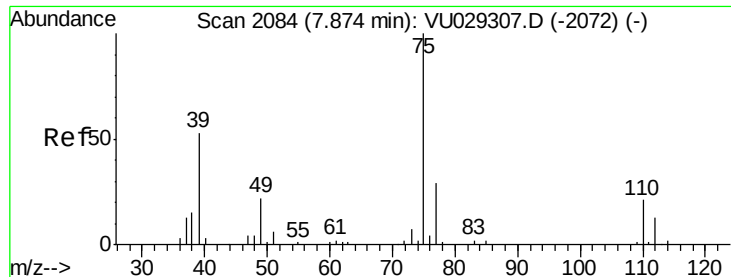
Abundance Ion 74.90 (74.60 to 75.60): VU0

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: 19.342 ug/l

RT: 7.87 min Scan# 2084

Delta R.T. -0.00 min

Lab File: VU029321.D

Acq: 30 Jan 2019 17:34

Instrument :

MSVOA_U

ClientSampleId :

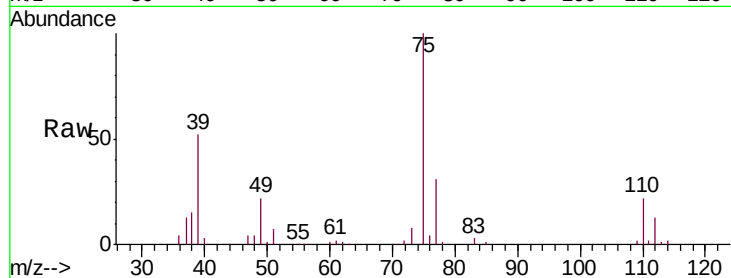
PT-UNRVOA-WS

Tgt Ion: 75 Resp: 62446

Ion Ratio Lower Upper

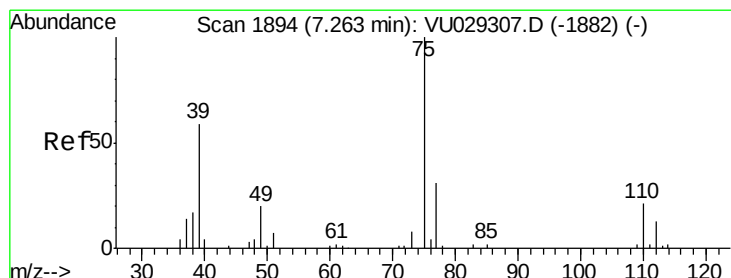
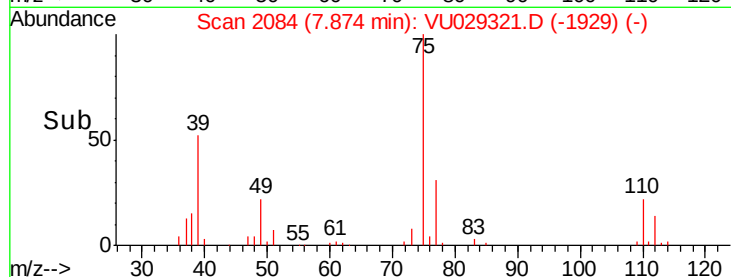
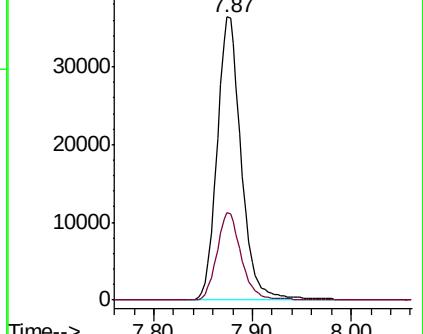
75 100

77 30.9 23.6 35.4



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: 4.187 ug/l

RT: 7.27 min Scan# 1895

Delta R.T. 0.00 min

Lab File: VU029321.D

Acq: 30 Jan 2019 17:34

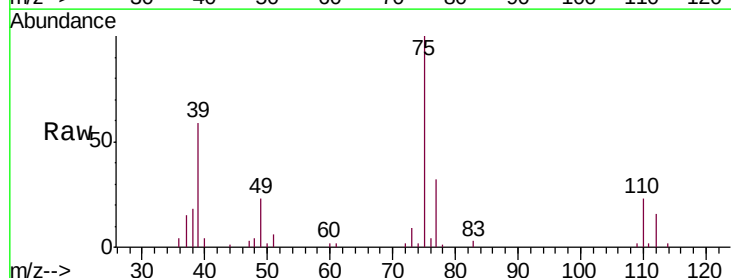
Tgt Ion: 75 Resp: 14916

Ion Ratio Lower Upper

75 100

77 32.3 24.9 37.3

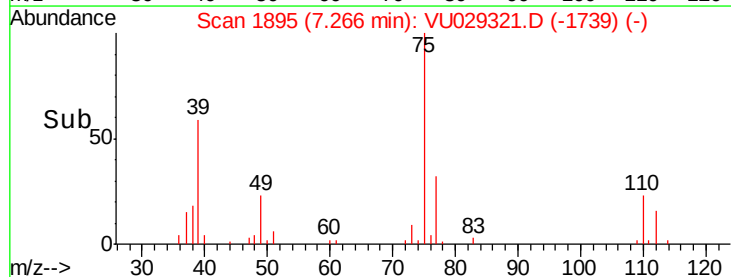
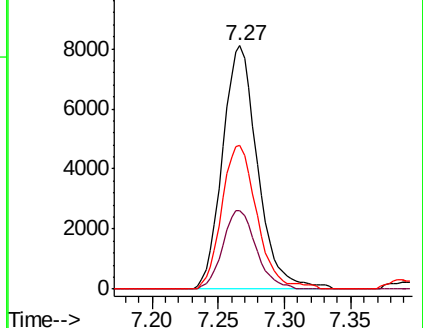
39 59.1 47.2 70.8

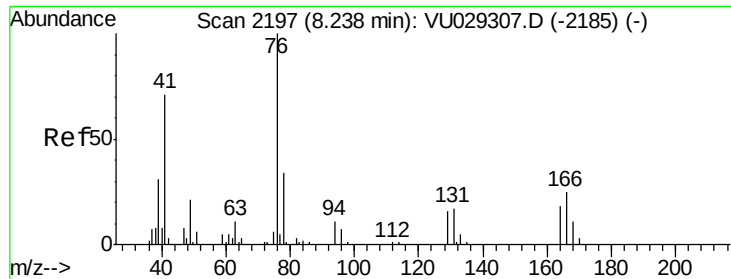


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

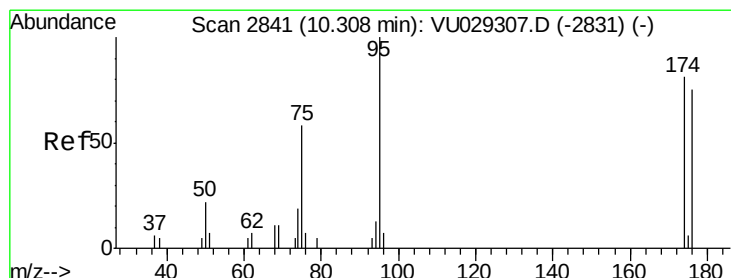
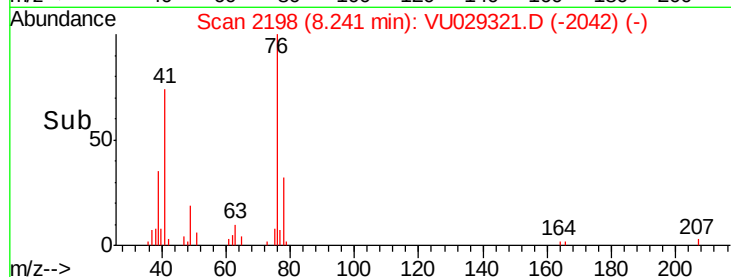
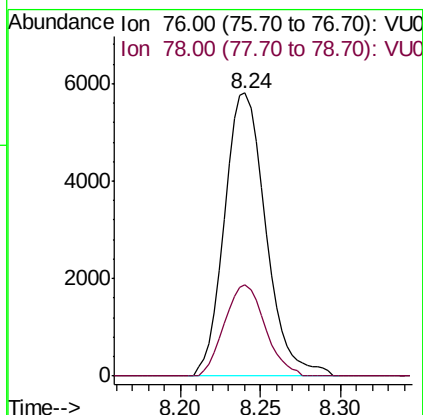
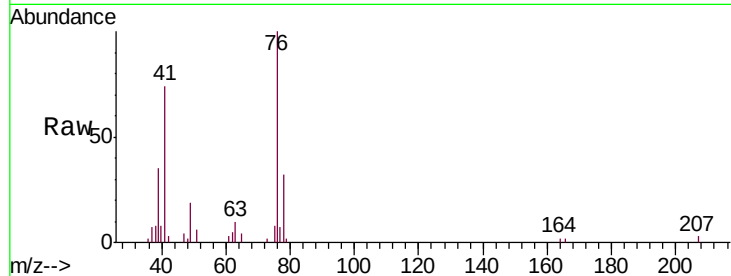




#53
 1,3-Dichloropropane
 Concen: 3.209 ug/l
 RT: 8.24 min Scan# 2198
 Delta R.T. 0.00 min
 Lab File: VU029321.D
 Acq: 30 Jan 2019 17:34

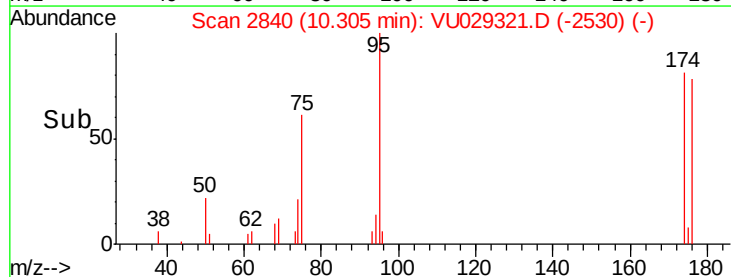
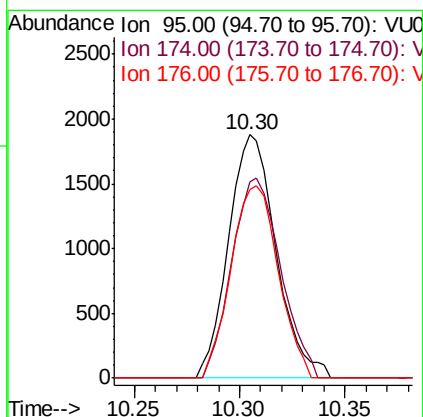
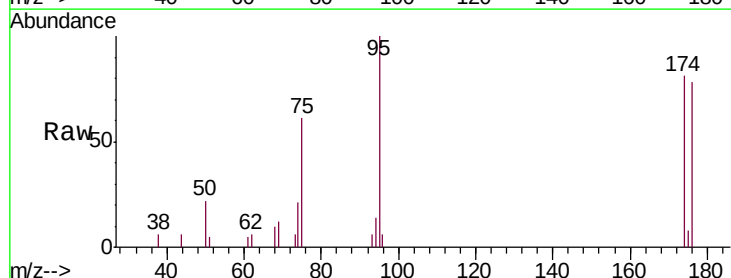
Instrument :
 MSVOA_U
 ClientSampleId :
 PT-UNRVOA-WS

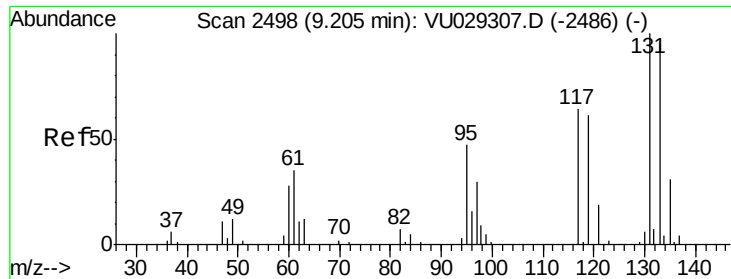
Tgt Ion: 76 Resp: 10243
 Ion Ratio Lower Upper
 76 100
 78 31.6 26.3 39.5



#57
 4-Bromofluorobenzene
 Concen: N.D. ug/l
 RT: 10.30 min Scan# 2840
 Delta R.T. -0.00 min
 Lab File: VU029321.D
 Acq: 30 Jan 2019 17:34

Tgt Ion: 95 Resp: 2947
 Ion Ratio Lower Upper
 95 100
 174 84.4 64.2 96.2
 176 78.6 62.3 93.5

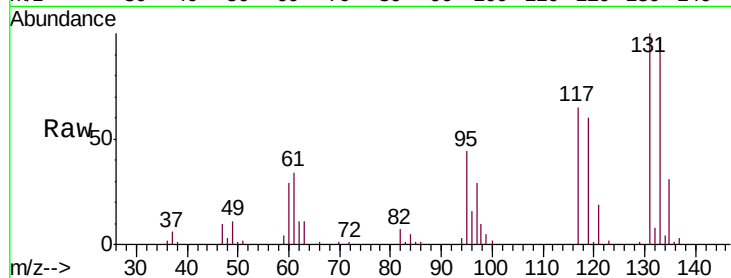




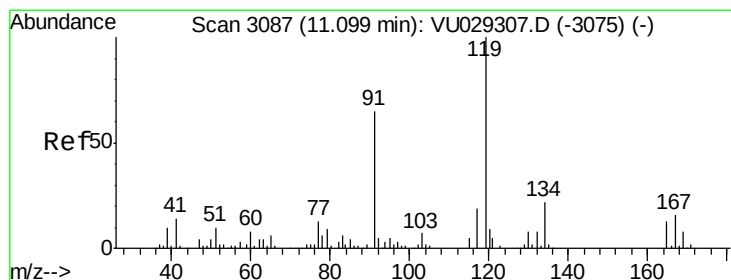
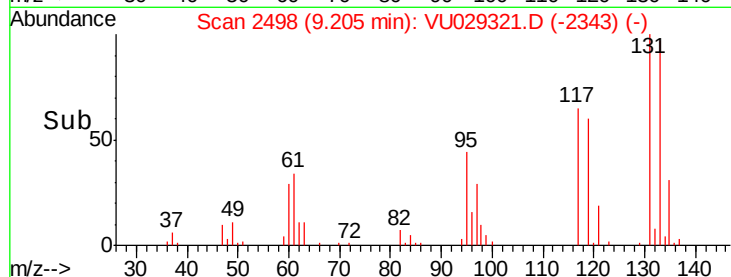
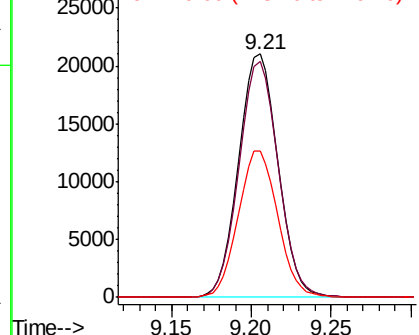
#60
 1,1,1,2-Tetrachloroethane
 Concen: 14.218 ug/l
 RT: 9.21 min Scan# 2498
 Delta R.T. -0.00 min
 Lab File: VU029321.D
 Acq: 30 Jan 2019 17:34

Instrument :
 MSVOA_U
 ClientSampleId :
 PT-UNRVOA-WS

Tgt Ion:131 Resp: 35211
 Ion Ratio Lower Upper
 131 100
 133 97.0 77.3 115.9
 119 60.5 48.9 73.3

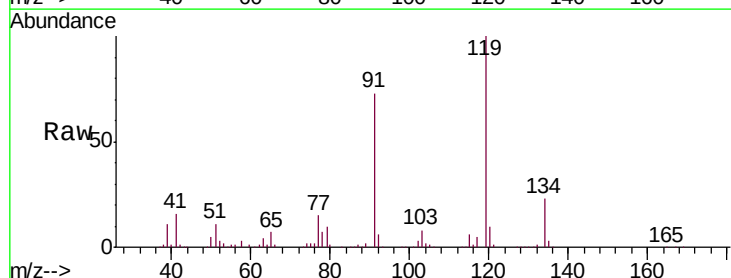


Abundance Ion 131.00 (130.70 to 131.70): V
 Ion 133.00 (132.70 to 133.70): V
 Ion 119.00 (118.70 to 119.70): V

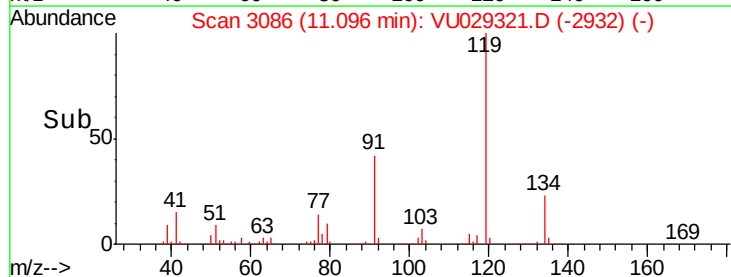
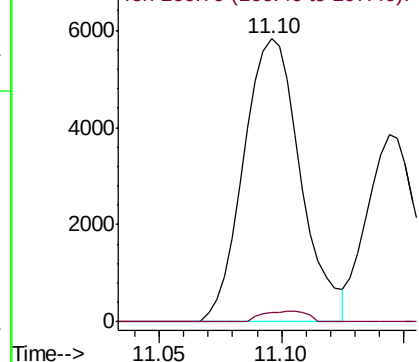


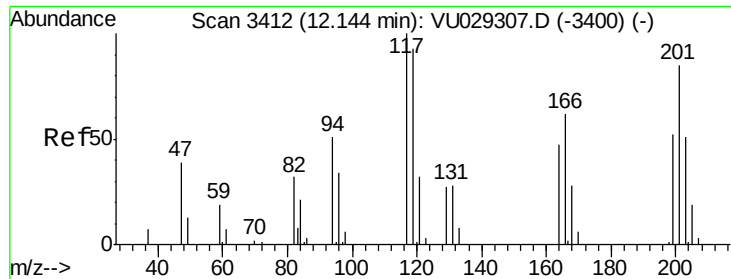
#61
 Pentachloroethane
 Concen: 4.955 ug/l
 RT: 11.10 min Scan# 3086
 Delta R.T. -0.00 min
 Lab File: VU029321.D
 Acq: 30 Jan 2019 17:34

Tgt Ion:117 Resp: 9450
 Ion Ratio Lower Upper
 117 100
 167 3.0 65.9 98.9#



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 166.70 (166.40 to 167.40): V





#62

Hexachloroethane

Concen: 0.237 ug/l

RT: 12.15 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VU029321.D

Acq: 30 Jan 2019 17:34

Instrument :

MSVOA_U

ClientSampleId :

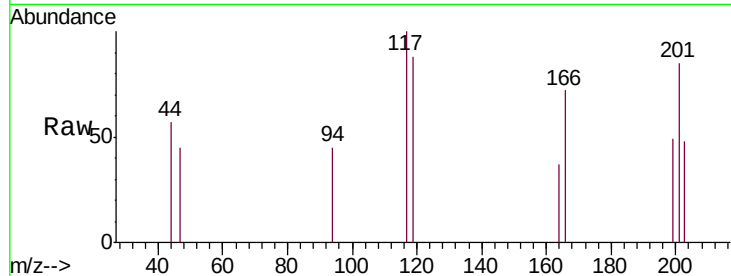
PT-UNRVOA-WS

Tgt Ion:117 Resp: 435

Ion Ratio Lower Upper

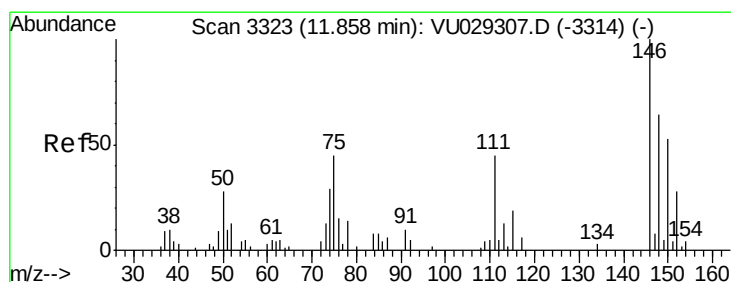
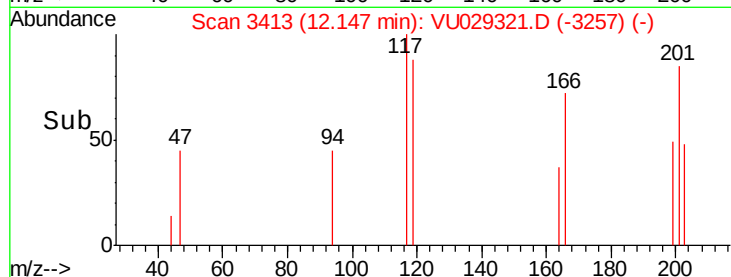
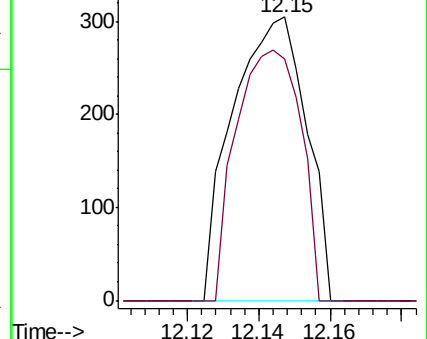
117 100

201 77.5 68.2 102.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): 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: VU029321.D

Acq: 30 Jan 2019 17:34

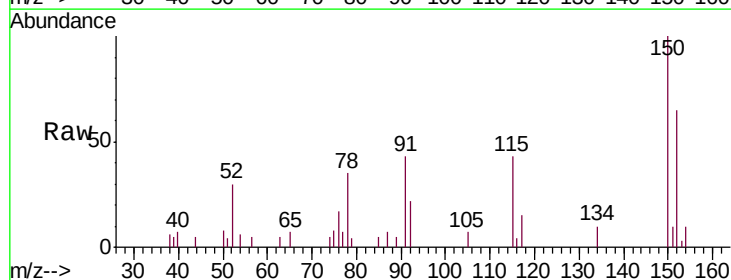
Tgt Ion:152 Resp: 3216

Ion Ratio Lower Upper

152 100

115 213.0 0.0 133.4#

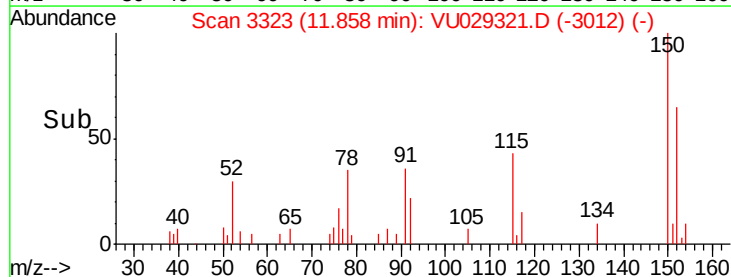
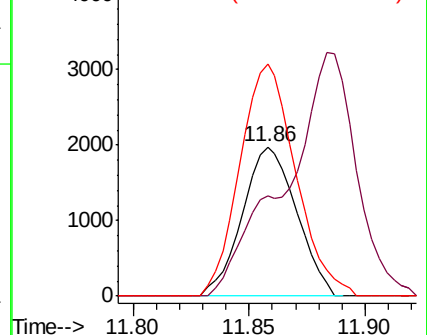
150 159.9 0.0 670.8

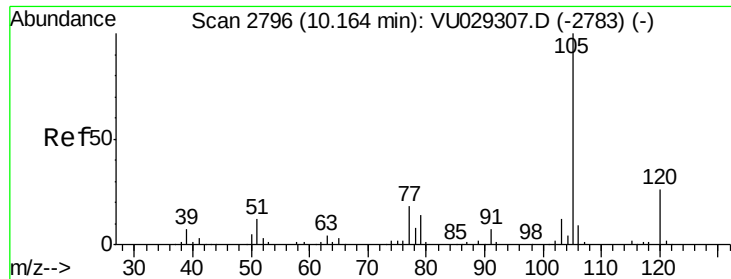


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 5.350 ug/l

RT: 10.16 min Scan# 2796

Delta R.T. -0.00 min

Lab File: VU029321.D

Acq: 30 Jan 2019 17:34

Instrument :

MSVOA_U

ClientSampleId :

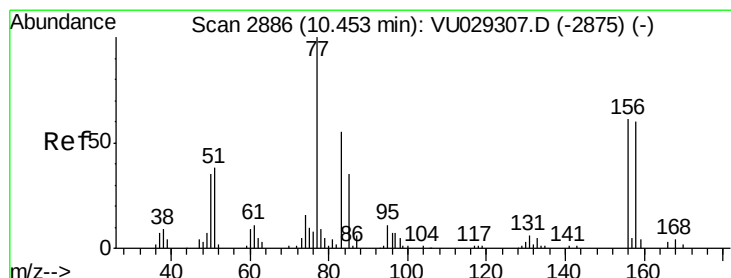
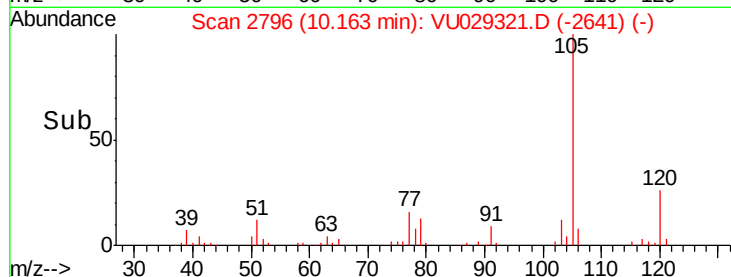
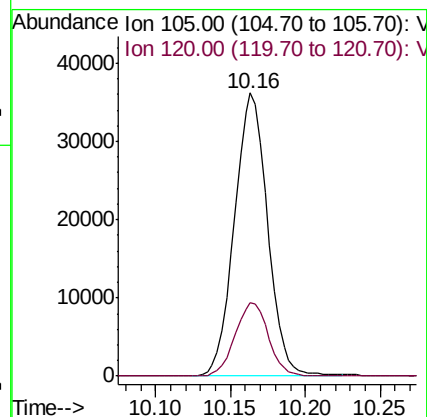
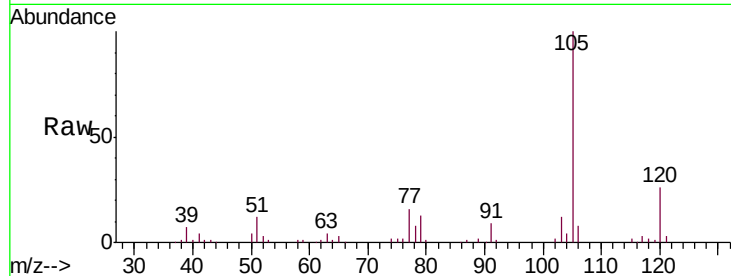
PT-UNRVOA-WS

Tgt Ion: 105 Resp: 55935

Ion Ratio Lower Upper

105 100

120 26.0 12.6 37.6



#70

1,1,2,2-Tetrachloroethane

Concen: 16.552 ug/l

RT: 10.46 min Scan# 2887

Delta R.T. 0.00 min

Lab File: VU029321.D

Acq: 30 Jan 2019 17:34

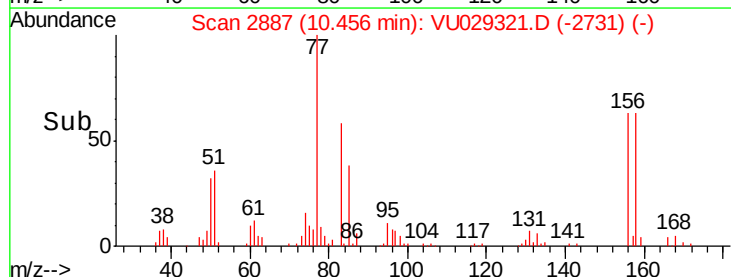
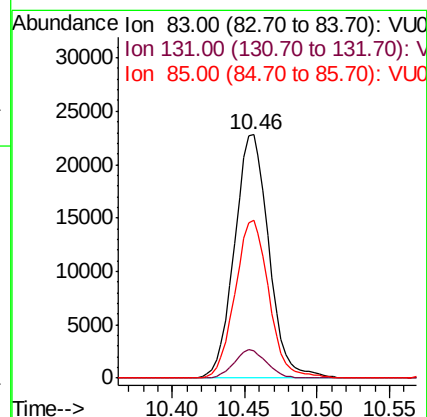
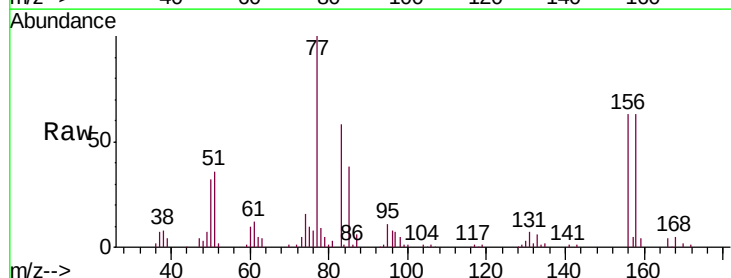
Tgt Ion: 83 Resp: 37641

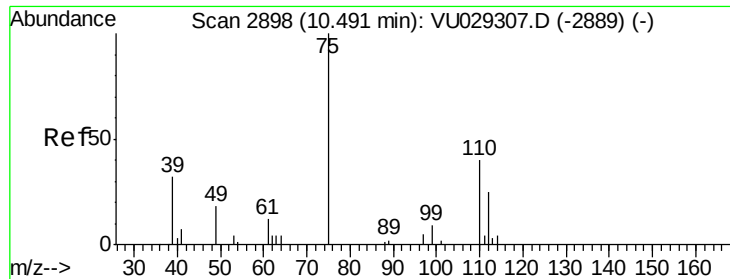
Ion Ratio Lower Upper

83 100

131 10.9 8.1 12.1

85 63.7 50.3 75.5

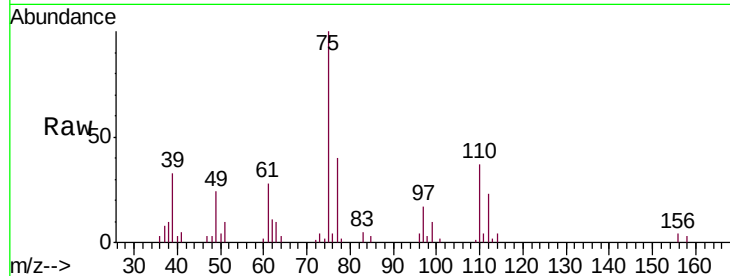




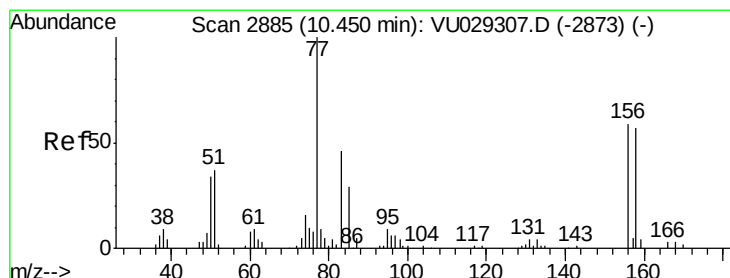
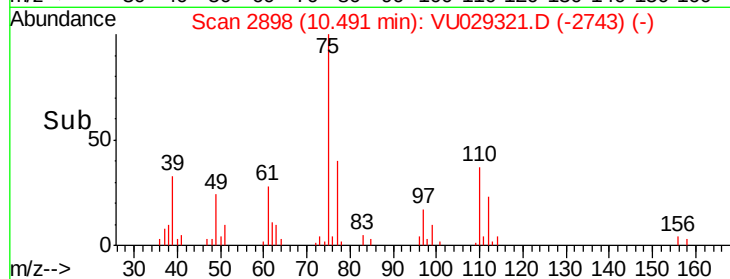
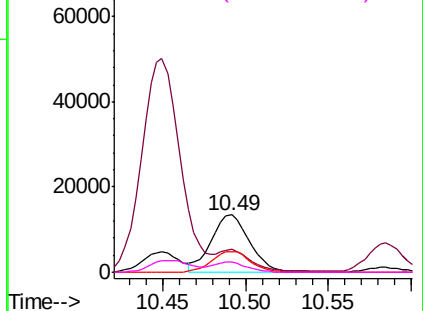
#71
 1,2,3-Trichloropropane
 Concen: 11.240 ug/l
 RT: 10.49 min Scan# 2898
 Delta R.T. -0.00 min
 Lab File: VU029321.D
 Acq: 30 Jan 2019 17:34

Instrument :
 MSVOA_U
 ClientSampleId :
 PT-UNRVOA-WS

Tgt Ion:	75	Resp:	21698
Ion	Ratio	Lower	Upper
75	100		
77	31.7	0.0	0.0#
110	36.3	0.0	63.6
97	15.8	0.0	31.4

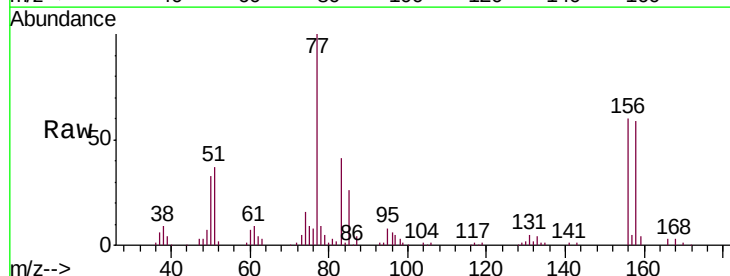


Abundance Ion 75.00 (74.70 to 75.70): VU029321.D (-2743) (-)
 Ion 77.00 (76.70 to 77.70): VU029321.D (-2743) (-)
 Ion 110.00 (109.70 to 110.70): VU029321.D (-2743) (-)
 Ion 97.00 (96.70 to 97.70): VU029321.D (-2743) (-)

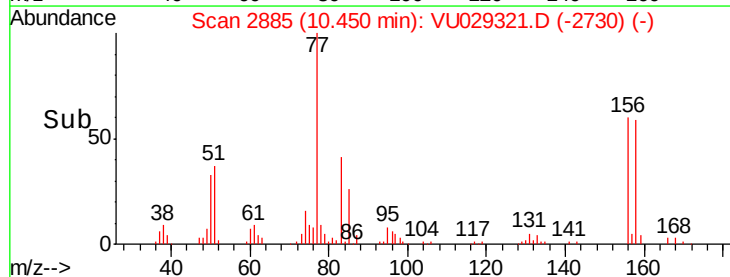
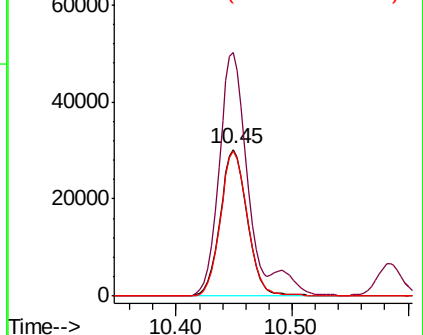


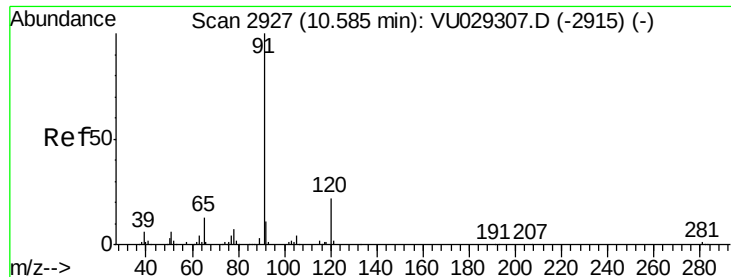
#72
 Bromobenzene
 Concen: 19.084 ug/l
 RT: 10.45 min Scan# 2885
 Delta R.T. -0.00 min
 Lab File: VU029321.D
 Acq: 30 Jan 2019 17:34

Tgt Ion:	156	Resp:	49224
Ion	Ratio	Lower	Upper
156	100		
77	165.0	0.0	343.8
158	98.8	0.0	195.0



Abundance Ion 156.00 (155.70 to 156.70): VU029321.D (-2730) (-)
 Ion 77.00 (76.70 to 77.70): VU029321.D (-2730) (-)
 Ion 158.00 (157.70 to 158.70): VU029321.D (-2730) (-)

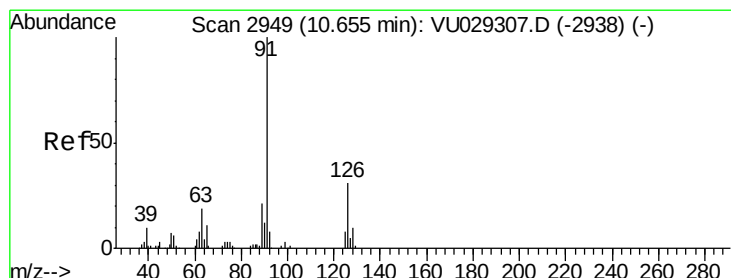
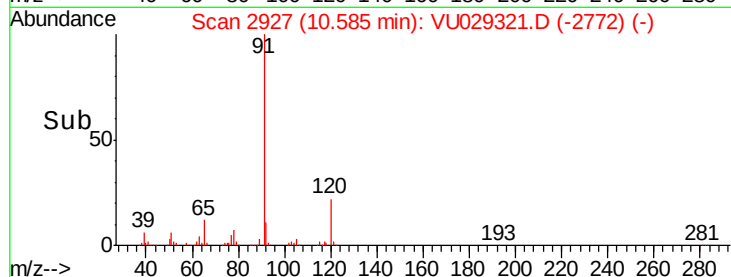
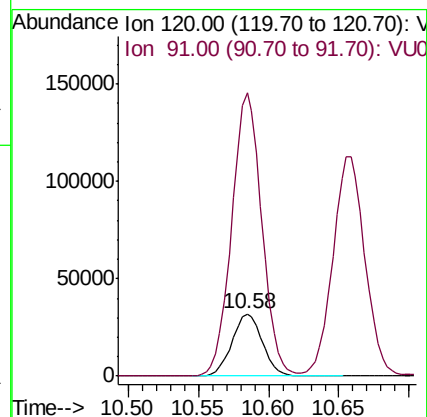
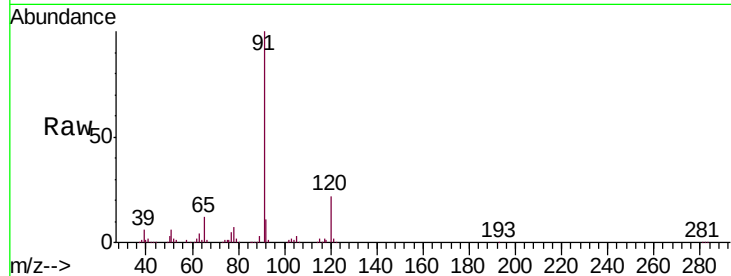




#73
n-propylbenzene
Concen: 17.101 ug/l
RT: 10.58 min Scan# 2927
Delta R.T. -0.00 min
Lab File: VU029321.D
Acq: 30 Jan 2019 17:34

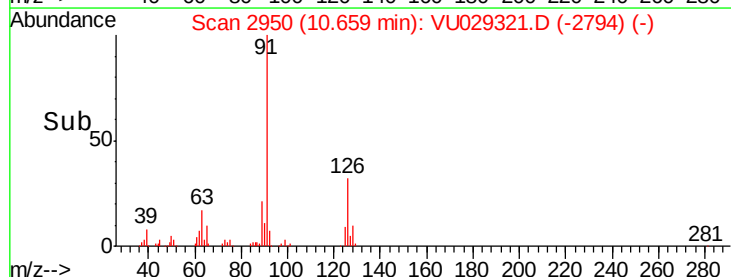
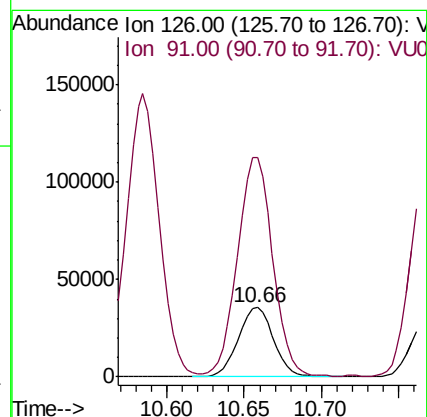
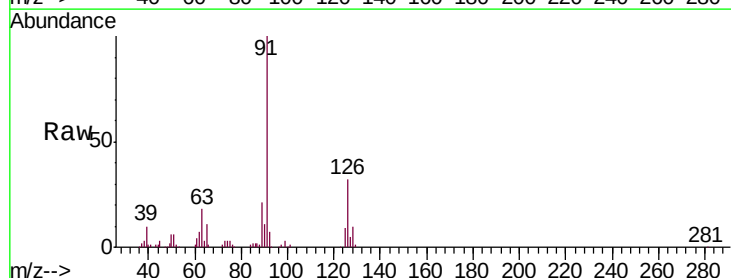
Instrument :
MSVOA_U
ClientSampleId :
PT-UNRVOA-WS

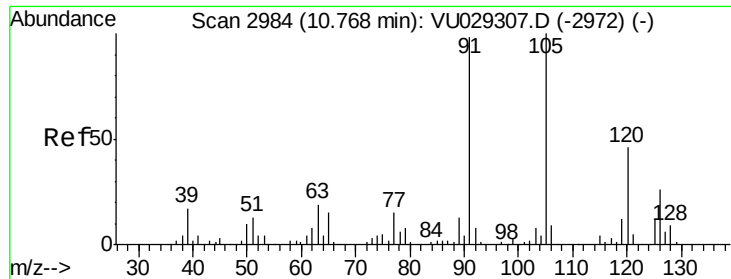
Tgt Ion:120 Resp: 48099
Ion Ratio Lower Upper
120 100
91 450.8 370.0 555.0



#74
2-Chlorotoluene
Concen: 23.047 ug/l
RT: 10.66 min Scan# 2950
Delta R.T. 0.00 min
Lab File: VU029321.D
Acq: 30 Jan 2019 17:34

Tgt Ion:126 Resp: 56475
Ion Ratio Lower Upper
126 100
91 313.5 0.0 643.0





#75

1,3,5-Trimethylbenzene

Concen: 20.919 ug/l

RT: 10.77 min Scan# 2984

Delta R.T. -0.00 min

Lab File: VU029321.D

Acq: 30 Jan 2019 17:34

Instrument :

MSVOA_U

ClientSampleId :

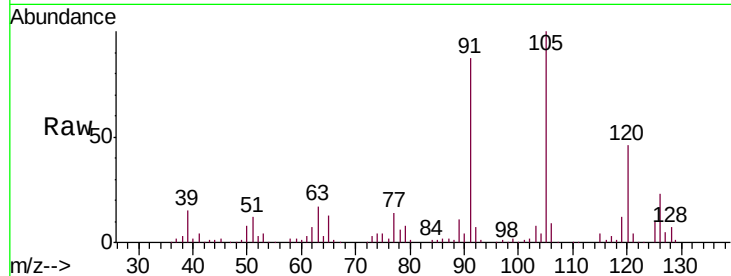
PT-UNRVOA-WS

Tgt Ion:105 Resp: 193787

Ion Ratio Lower Upper

105 100

120 45.9 37.3 55.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

10.77

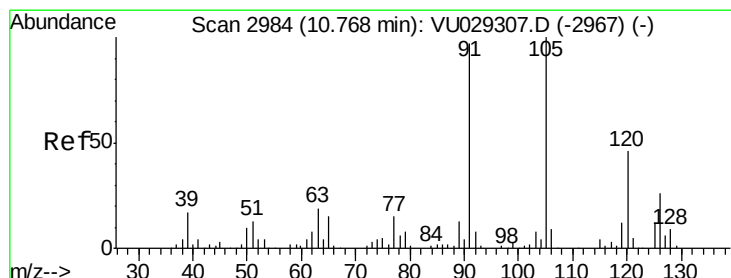
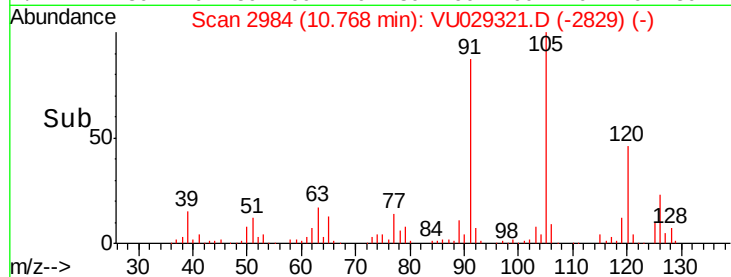
150000

100000

50000

0

Time-->



#76

4-Chlorotoluene

Concen: 17.754 ug/l

RT: 10.77 min Scan# 2984

Delta R.T. -0.00 min

Lab File: VU029321.D

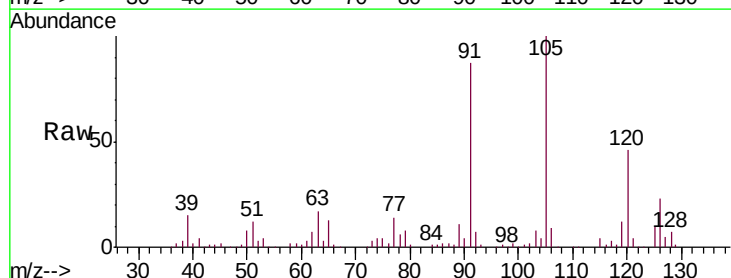
Acq: 30 Jan 2019 17:34

Tgt Ion:126 Resp: 46157

Ion Ratio Lower Upper

126 100

91 370.3 0.0 727.4



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

10.77

120000

100000

80000

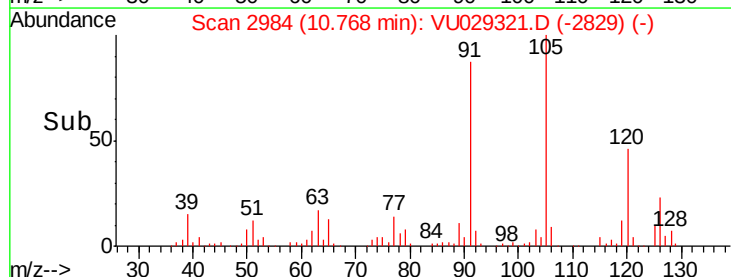
60000

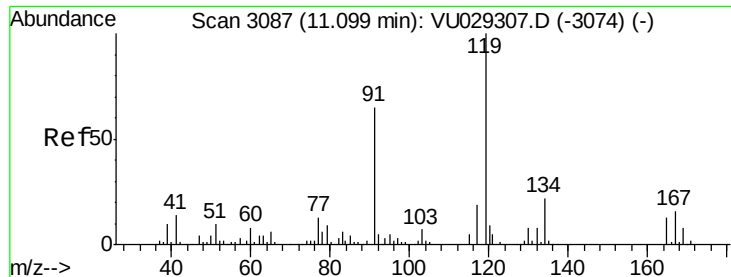
40000

20000

0

Time-->

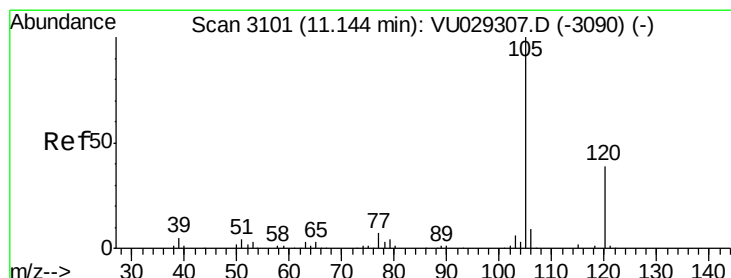
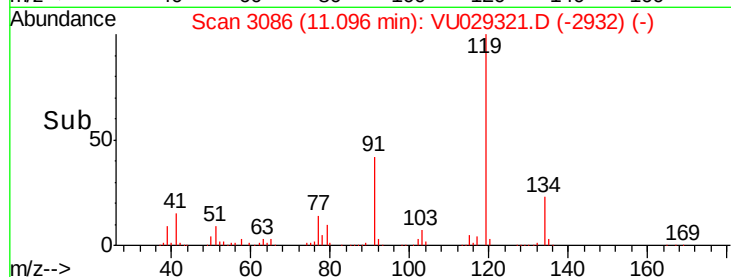
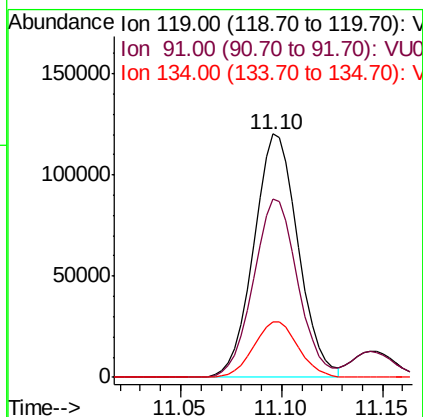
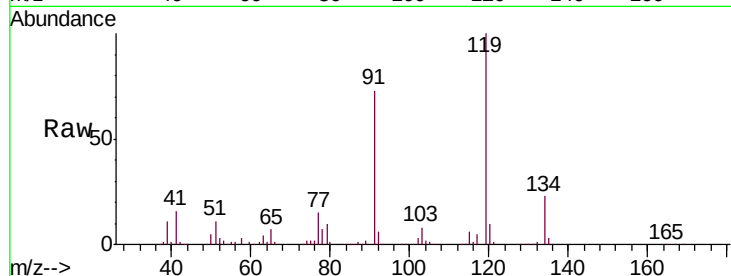




#77
 tert-Butylbenzene
 Concen: 20.732 ug/l
 RT: 11.10 min Scan# 3086
 Delta R.T. -0.00 min
 Lab File: VU029321.D
 Acq: 30 Jan 2019 17:34

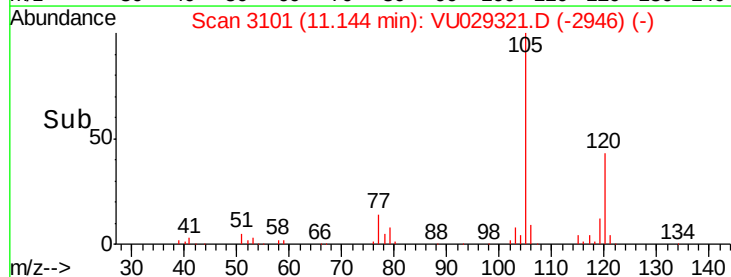
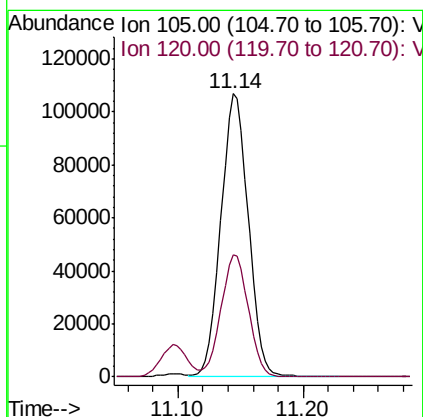
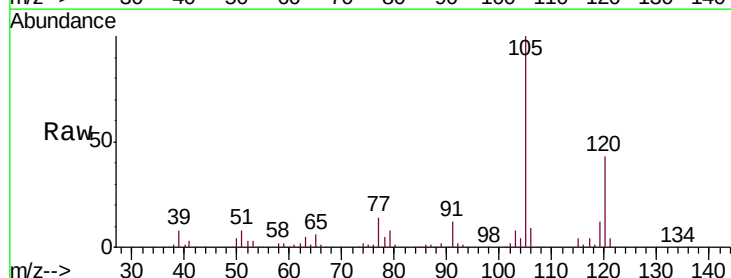
Instrument :
 MSVOA_U
 ClientSampleId :
 PT-UNRVOA-WS

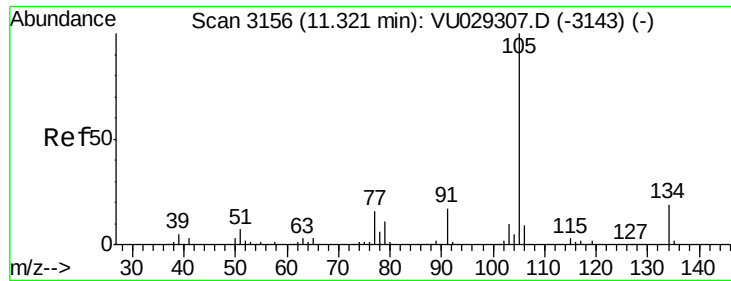
Tgt Ion:119 Resp: 184515
 Ion Ratio Lower Upper
 119 100
 91 73.4 32.2 96.6
 134 23.1 17.6 26.4



#78
 1,2,4-Trimethylbenzene
 Concen: 17.167 ug/l
 RT: 11.14 min Scan# 3101
 Delta R.T. -0.00 min
 Lab File: VU029321.D
 Acq: 30 Jan 2019 17:34

Tgt Ion:105 Resp: 162068
 Ion Ratio Lower Upper
 105 100
 120 43.1 21.4 64.3





#79

sec-Butylbenzene

Concen: 17.282 ug/l

RT: 11.32 min Scan# 3156

Delta R.T. -0.00 min

Lab File: VU029321.D

Acq: 30 Jan 2019 17:34

Instrument :

MSVOA_U

ClientSampleId :

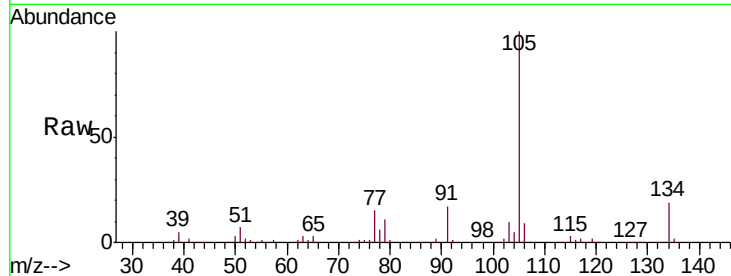
PT-UNRVOA-WS

Tgt Ion:105 Resp: 201316

Ion Ratio Lower Upper

105 100

134 19.1 15.0 22.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.32

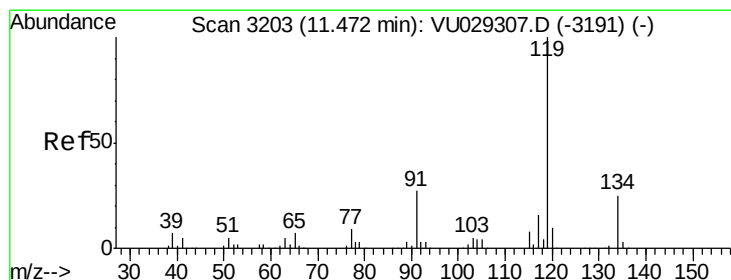
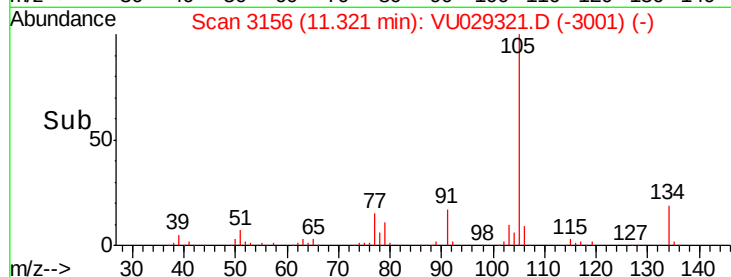
150000

100000

50000

0

Time-->



#81

p-Isopropyltoluene

Concen: 18.927 ug/l

RT: 11.47 min Scan# 3203

Delta R.T. -0.00 min

Lab File: VU029321.D

Acq: 30 Jan 2019 17:34

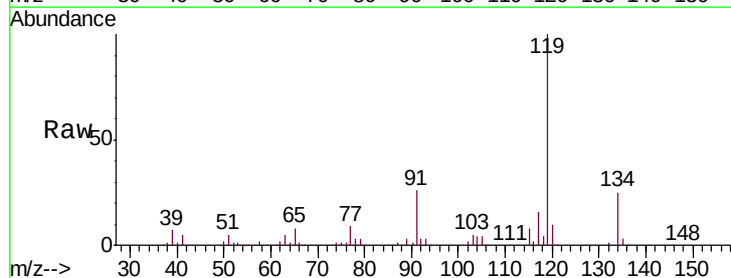
Tgt Ion:119 Resp: 186451

Ion Ratio Lower Upper

119 100

134 25.5 19.8 29.6

91 27.0 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): VU0

11.47

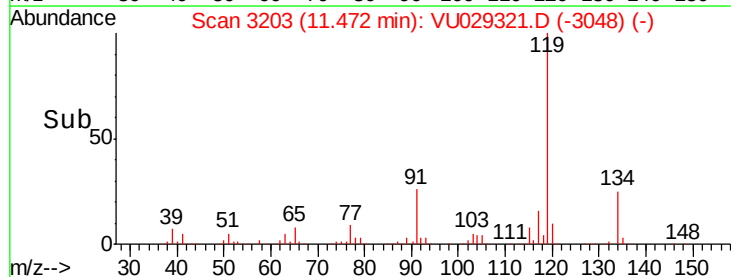
150000

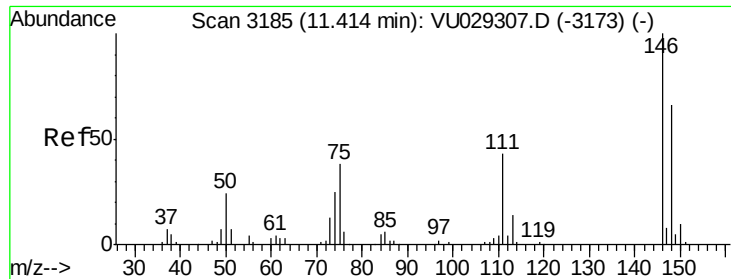
100000

50000

0

Time-->

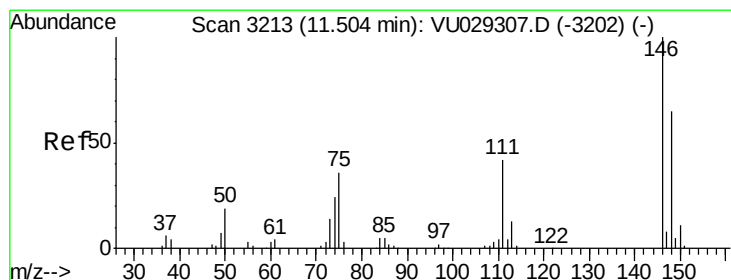
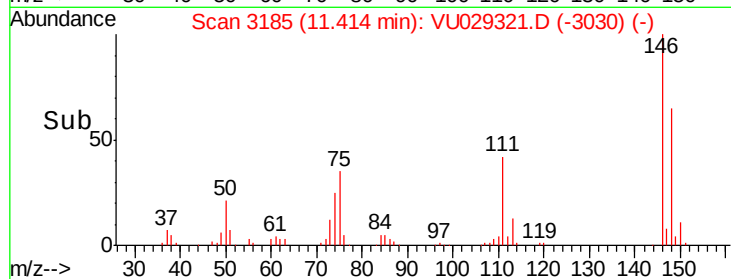
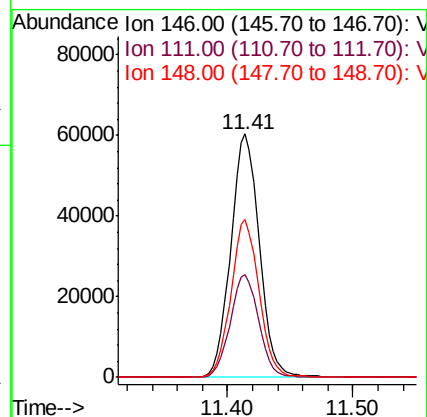
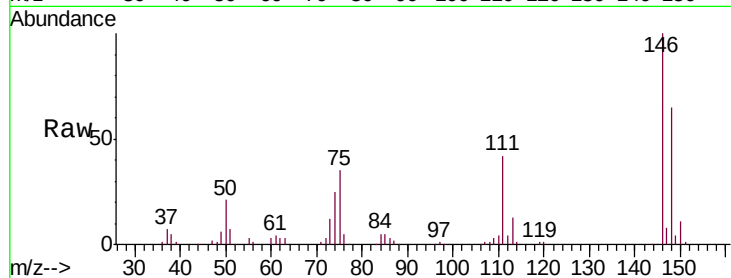




#82
 1,3-Dichlorobenzene
 Concen: 17.804 ug/l
 RT: 11.41 min Scan# 3185
 Delta R.T. -0.00 min
 Lab File: VU029321.D
 Acq: 30 Jan 2019 17:34

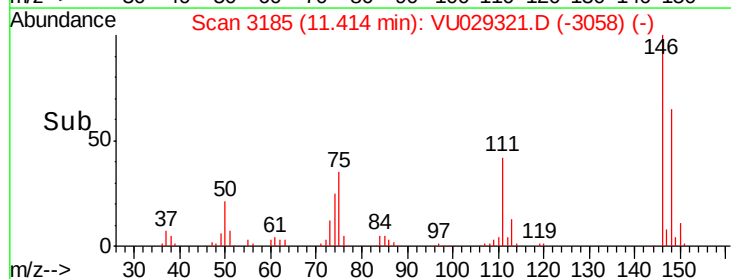
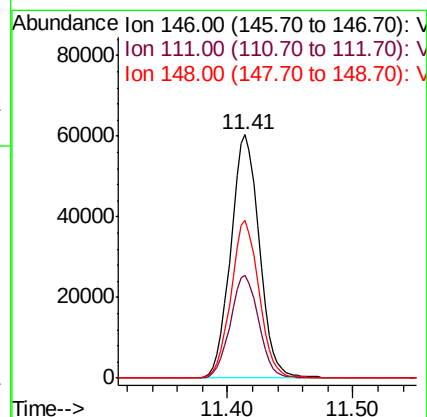
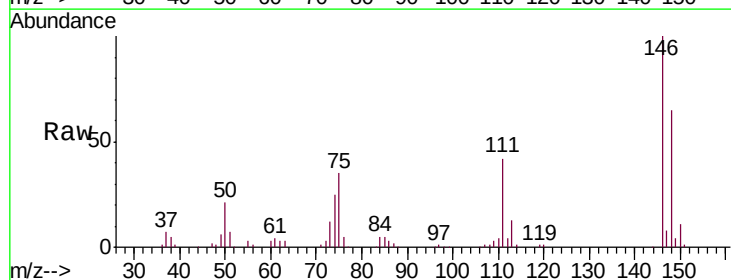
Instrument :
 MSVOA_U
 ClientSampleId :
 PT-UNRVOA-WS

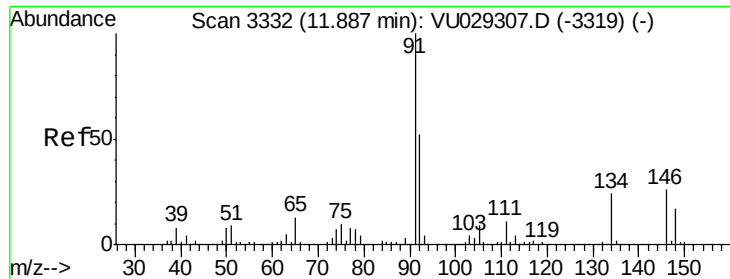
Tgt Ion:146 Resp: 95233
 Ion Ratio Lower Upper
 146 100
 111 42.3 34.1 51.1
 148 63.9 52.3 78.5



#83
 1,4-Dichlorobenzene
 Concen: 17.674 ug/l
 RT: 11.41 min Scan# 3185
 Delta R.T. -0.09 min
 Lab File: VU029321.D
 Acq: 30 Jan 2019 17:34

Tgt Ion:146 Resp: 95233
 Ion Ratio Lower Upper
 146 100
 111 42.3 32.9 49.3
 148 63.9 51.8 77.6

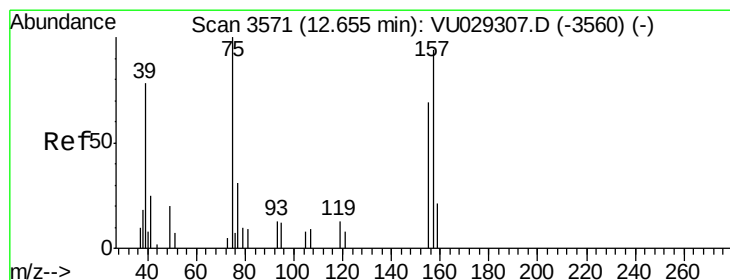
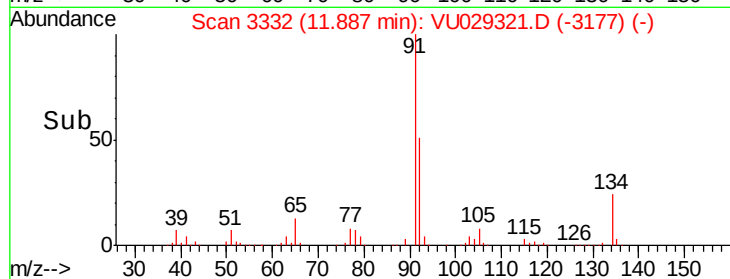
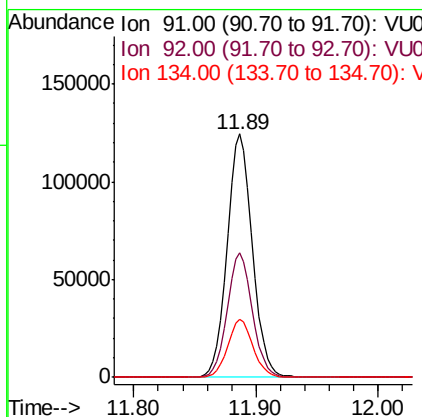
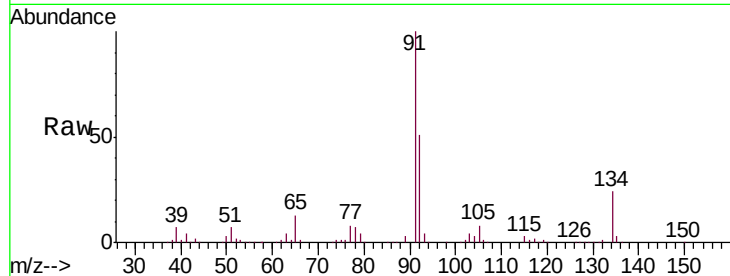




#84
n-Butylbenzene
Concen: 18.831 ug/l
RT: 11.89 min Scan# 3332
Delta R.T. -0.00 min
Lab File: VU029321.D
Acq: 30 Jan 2019 17:34

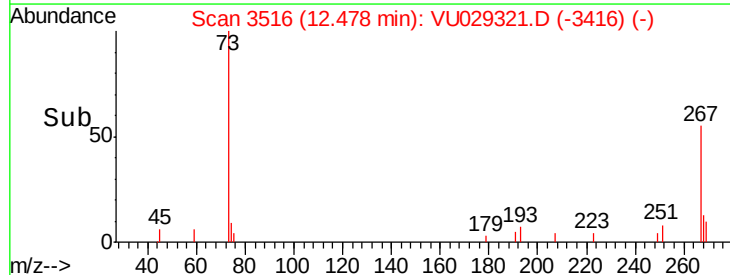
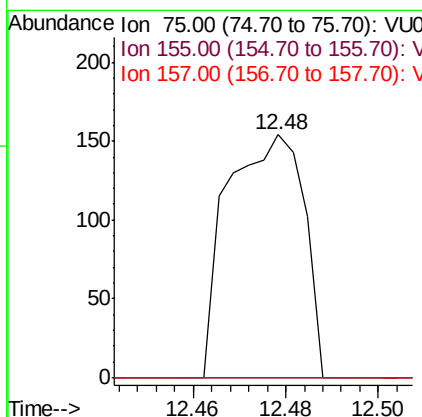
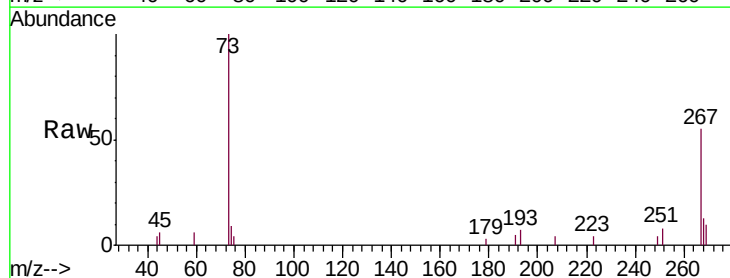
Instrument :
MSVOA_U
ClientSampleId :
PT-UNRVOA-WS

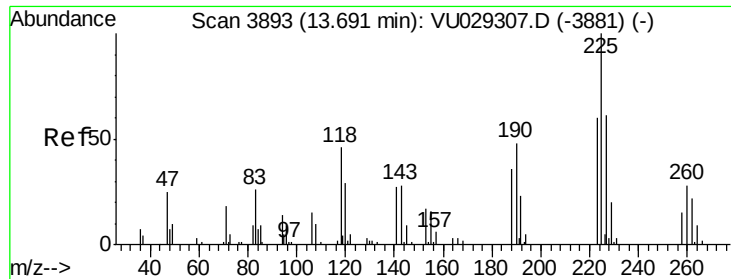
Tgt Ion: 91 Resp: 180275
Ion Ratio Lower Upper
91 100
92 50.9 41.0 61.6
134 23.9 19.1 28.7



#86
1,2-Dibromo-3-Chloropropane
Concen: 0.424 ug/l
RT: 12.48 min Scan# 3516
Delta R.T. -0.18 min
Lab File: VU029321.D
Acq: 30 Jan 2019 17:34

Tgt Ion: 75 Resp: 177
Ion Ratio Lower Upper
75 100
155 0.0 53.8 80.8#
157 0.0 69.2 103.8#





#88

Hexachlorobutadiene

Concen: 33.392 ug/l

RT: 13.69 min Scan# 3893

Delta R.T. -0.00 min

Lab File: VU029321.D

Acq: 30 Jan 2019 17:34

Instrument :

MSVOA_U

ClientSampleId :

PT-UNRVOA-WS

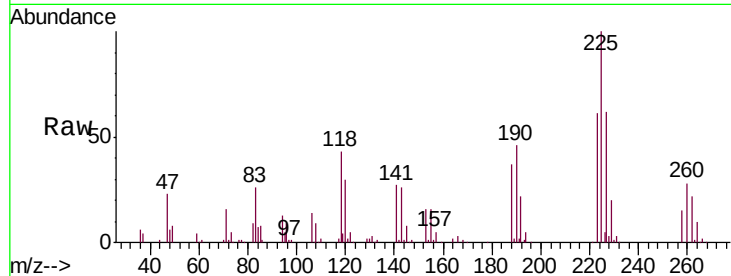
Tgt Ion:225 Resp: 69747

Ion Ratio Lower Upper

225 100

223 62.6 49.5 74.3

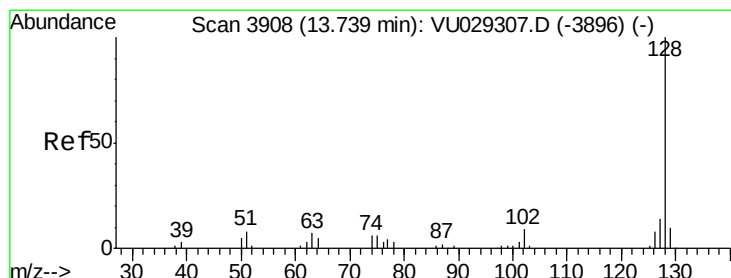
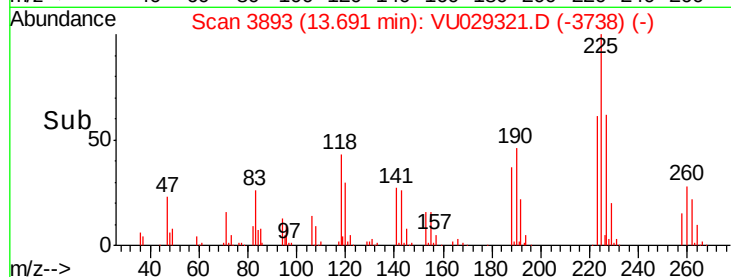
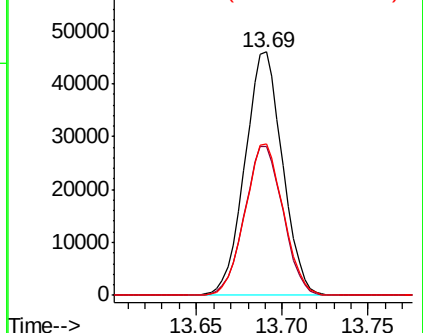
227 63.4 50.4 75.6



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: 22.026 ug/l

RT: 13.74 min Scan# 3908

Delta R.T. -0.00 min

Lab File: VU029321.D

Acq: 30 Jan 2019 17:34

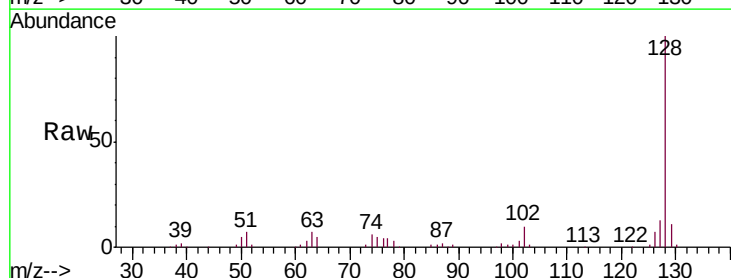
Tgt Ion:128 Resp: 115806

Ion Ratio Lower Upper

128 100

127 13.5 10.7 16.1

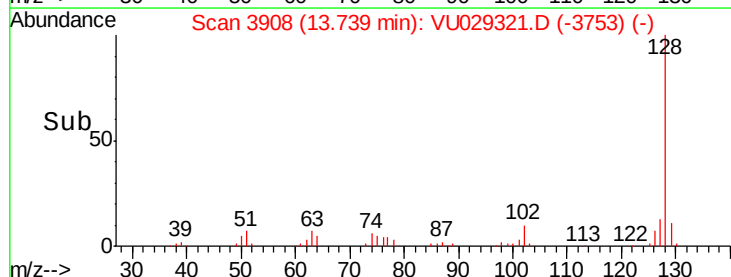
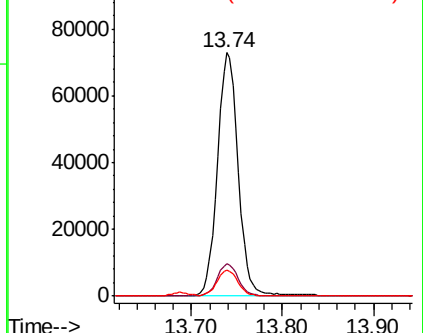
129 10.8 8.2 12.4

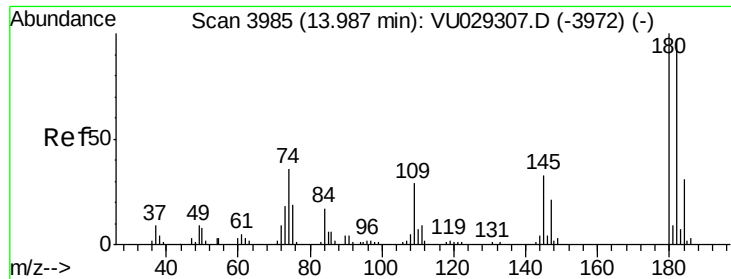


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#90

1,2,3-Trichlorobenzene

Concen: 56.048 ug/l

RT: 13.98 min Scan# 3984

Delta R.T. -0.00 min

Lab File: VU029321.D

Acq: 30 Jan 2019 17:34

Instrument :

MSVOA_U

ClientSampleId :

PT-UNRVOA-WS

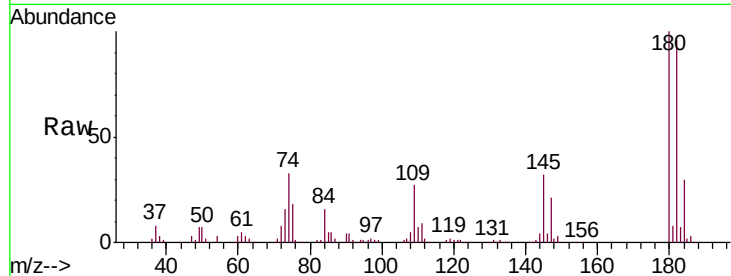
Tgt Ion:180 Resp: 170684

Ion Ratio Lower Upper

180 100

182 95.1 78.0 117.0

145 32.2 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

