

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072319\
 Data File : VU033383.D
 Acq On : 23 Jul 2019 15:58
 Operator : JC/SP
 Sample : K3860-08DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PT-UNRVOA-WSDL

Quant Time: Jul 24 04:45:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U072219DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Jul 23 03:43:51 2019
 Response via : Initial Calibration

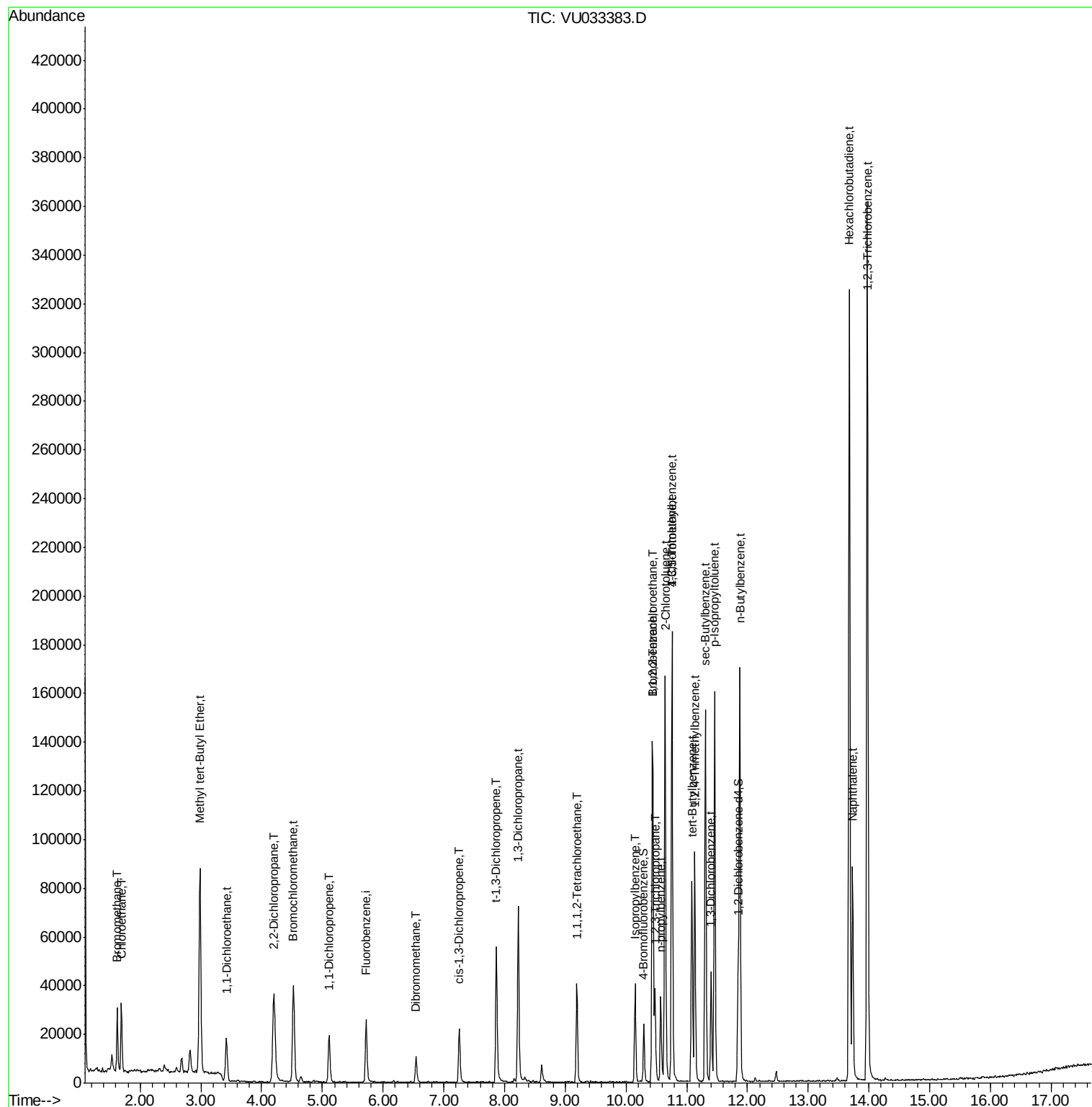
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	5.72	96	24818	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.29	95	8348	0.86	ug/l	0.00
Spiked Amount 1.000			Recovery	=	86.00%	
68) 1,2-Dichlorobenzene-d4	11.85	152	10637	1.06	ug/l	0.00
Spiked Amount 1.000			Recovery	=	106.00%	
Target Compounds						Ovalue
5) Bromomethane	1.62	94	11922	1.498	ug/l	97
6) Chloroethane	1.69	64	17129	1.929	ug/l	100
17) 1,1-Dichloroethane	3.42	63	19705	1.402	ug/l	98
21) 2,2-Dichloropropane	4.20	77	22120	1.857	ug/l	91
25) Methyl tert-Butyl Ether	2.98	73	86452	3.405	ug/l	100
26) Bromochloromethane	4.52	128	13243	3.795	ug/l	98
29) 1,1-Dichloropropene	5.11	75	11599	1.131	ug/l	98
43) Dibromomethane	6.54	93	4476	0.989	ug/l	96
50) t-1,3-Dichloropropene	7.86	75	32271	3.545	ug/l	99
51) cis-1,3-Dichloropropene	7.25	75	13825	1.286	ug/l	95
53) 1,3-Dichloropropane	8.22	76	42209	4.129	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.19	131	11133	1.506	ug/l	96
69) Isopropylbenzene	10.15	105	24820	0.808	ug/l	97
70) 1,1,2,2-Tetrachloroethane	10.44	83	19666	2.453	ug/l	97
71) 1,2,3-Trichloropropane	10.48	75	14809	2.392	ug/l #	94
72) Bromobenzene	10.44	156	28711	3.540	ug/l	99
73) n-propylbenzene	10.57	120	5834	0.667	ug/l	97
74) 2-Chlorotoluene	10.65	126	30917	3.870	ug/l	98
75) 1,3,5-Trimethylbenzene	10.76	105	44389	1.610	ug/l	97
76) 4-Chlorotoluene	10.76	126	20081	2.412	ug/l	93
77) tert-Butylbenzene	11.08	119	34139	1.307	ug/l	87
78) 1,2,4-Trimethylbenzene	11.13	105	49232	1.747	ug/l	98
79) sec-Butylbenzene	11.31	105	97528	2.712	ug/l	98
81) p-Isopropyltoluene	11.46	119	83808	2.867	ug/l	99
82) 1,3-Dichlorobenzene	11.40	146	18349	1.064	ug/l	98
84) n-Butylbenzene	11.87	91	88206	2.948	ug/l	99
88) Hexachlorobutadiene	13.68	225	54467	9.182	ug/l	98
89) Naphthalene	13.73	128	72472	3.759	ug/l	99
90) 1,2,3-Trichlorobenzene	13.97	180	110592	11.848	ug/l	99
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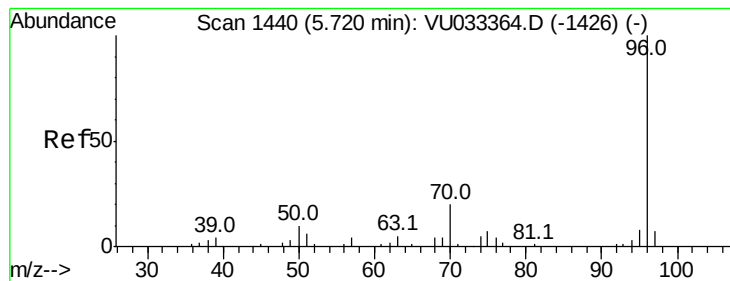
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Time: Jul 24 04:45:36 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA U\METHOD\524U072219DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Jul 23 03:43:51 2019
Response via : Initial Calibration





#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.72 min Scan# 1441

Delta R.T. 0.00 min

Lab File: VU033383.D

Acq: 23 Jul 2019 15:58

Instrument :

MSVOA_U

ClientSampleId :

PT-UNRVOA-WSDL

Tot Ion: 96 Resp: 24818

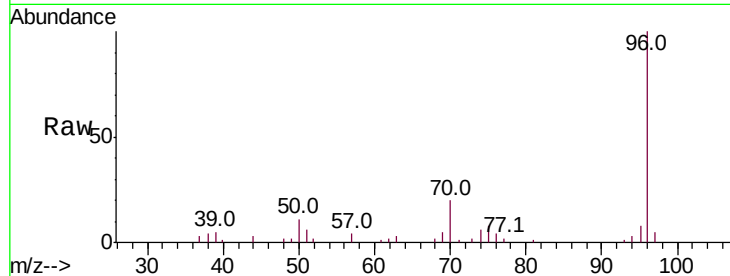
Ion Ratio Lower Upper

96 100

70 20.5 16.4 24.6

95 9.3 6.7 10.1

97 5.6 0.0 0.0#

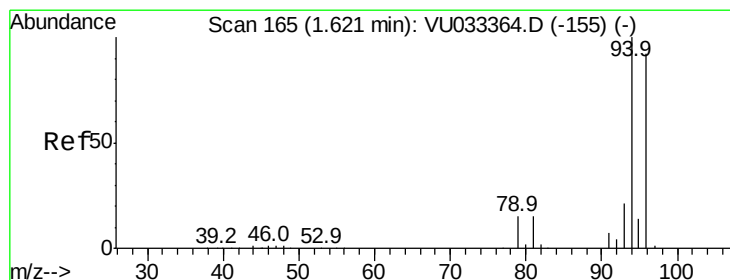
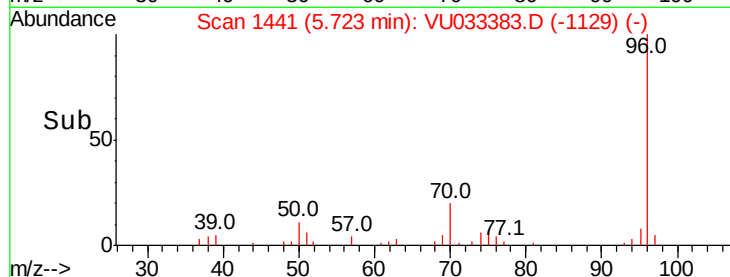
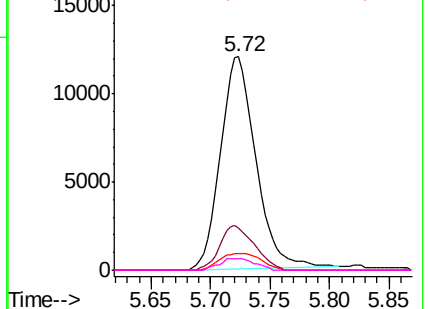


Abundance Ion 96.00 (95.70 to 96.70): VU0

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: 1.498 ug/l

RT: 1.62 min Scan# 165

Delta R.T. -0.00 min

Lab File: VU033383.D

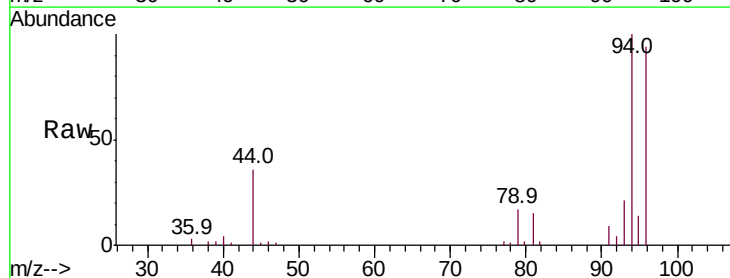
Acq: 23 Jul 2019 15:58

Tgt Ion: 94 Resp: 11922

Ion Ratio Lower Upper

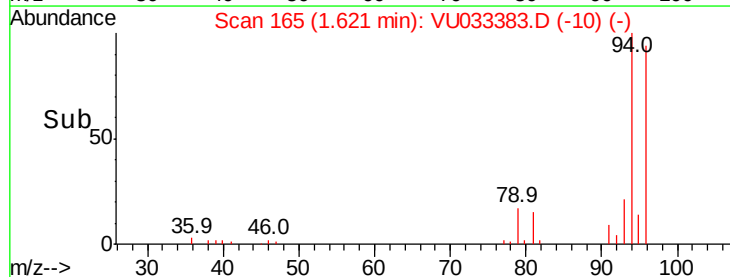
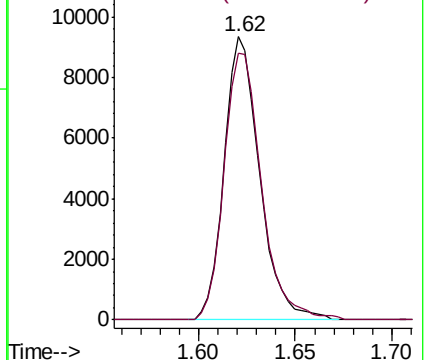
94 100

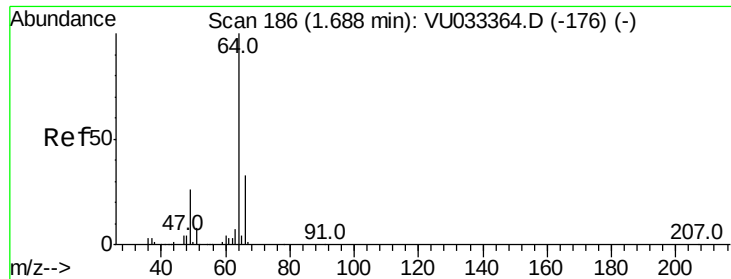
96 94.4 73.2 109.8



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0





#6

Chloroethane

Concen: 1.929 ug/l

RT: 1.69 min Scan# 187

Delta R.T. 0.00 min

Lab File: VU033383.D

Acq: 23 Jul 2019 15:58

Instrument :

MSVOA_U

ClientSampleId :

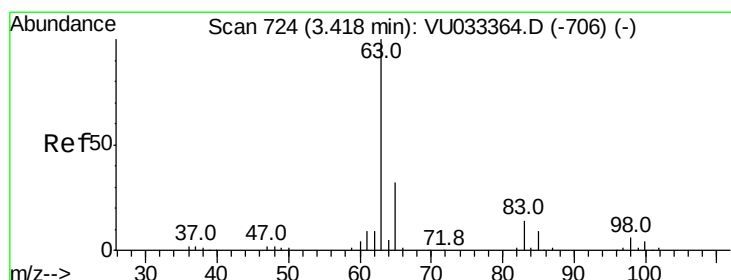
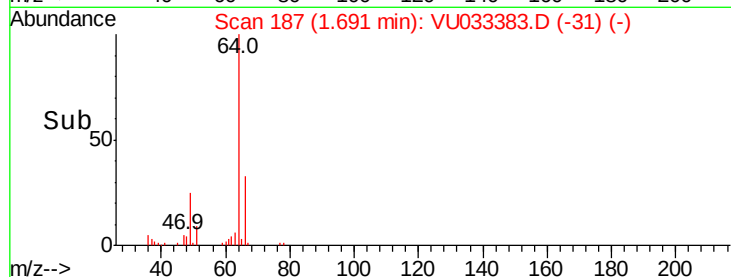
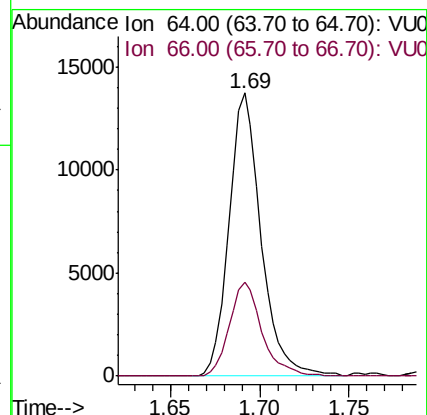
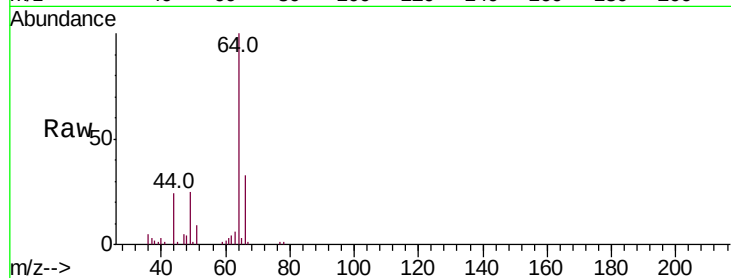
PT-UNRVOA-WSDL

Tot Ion: 64 Resp: 17129

Ion Ratio Lower Upper

64 100

66 33.0 26.4 39.6



#17

1,1-Dichloroethane

Concen: 1.402 ug/l

RT: 3.42 min Scan# 725

Delta R.T. 0.00 min

Lab File: VU033383.D

Acq: 23 Jul 2019 15:58

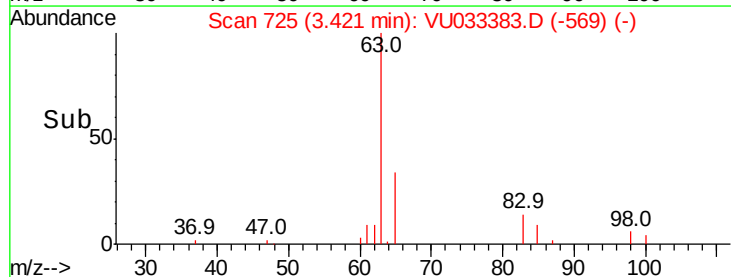
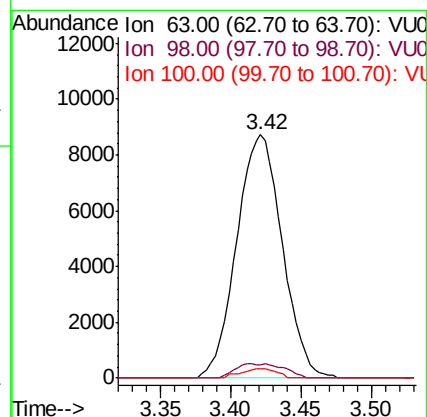
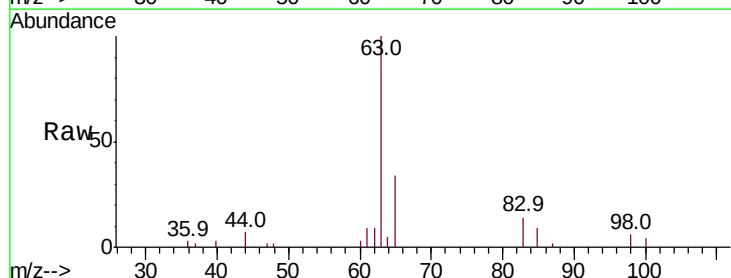
Tgt Ion: 63 Resp: 19705

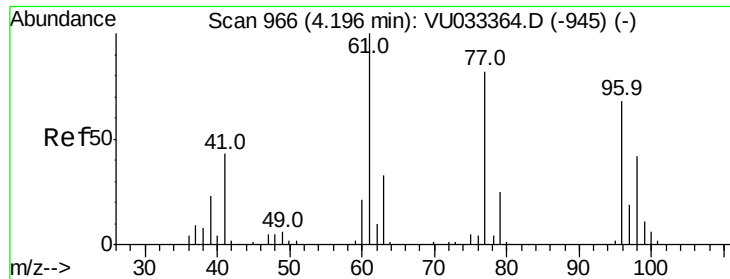
Ion Ratio Lower Upper

63 100

98 5.5 3.2 9.6

100 4.0 2.1 6.2

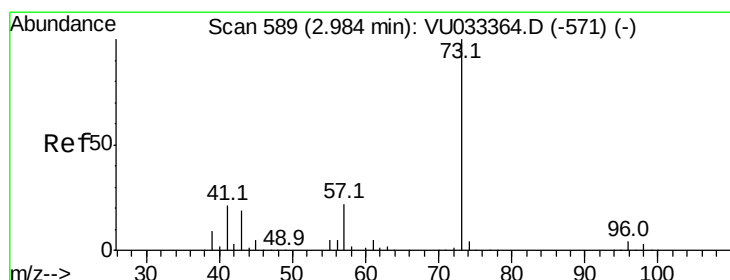
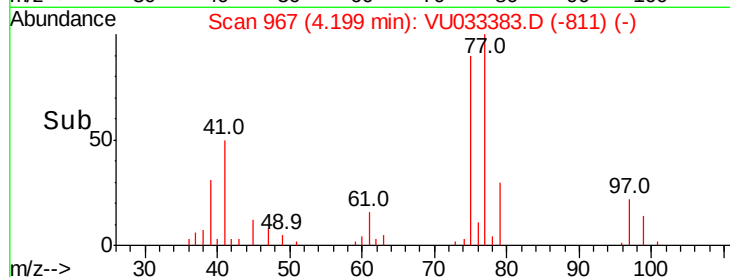
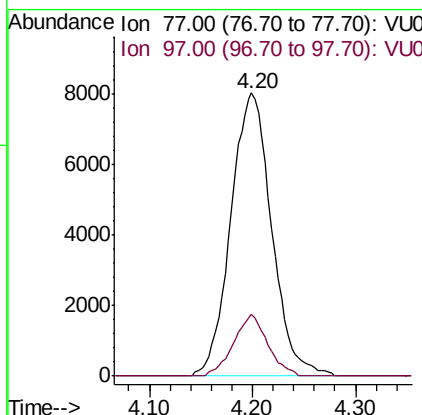
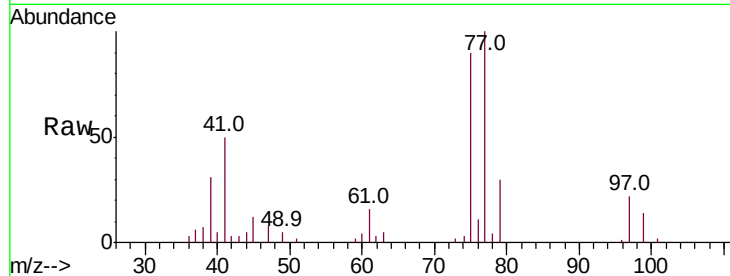




#21
 2,2-Dichloropropane
 Concen: 1.857 ug/l
 RT: 4.20 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: VU033383.D
 Acq: 23 Jul 2019 15:58

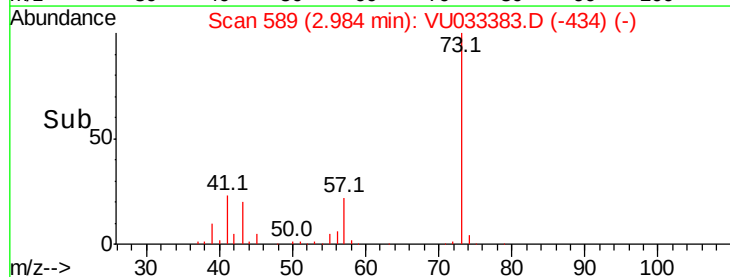
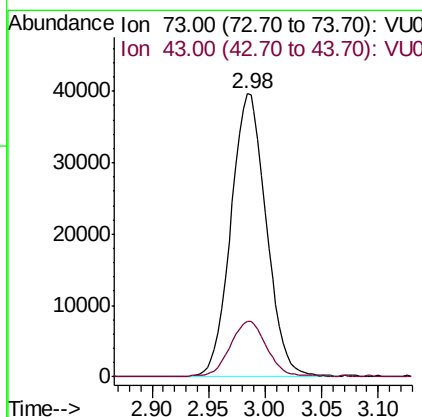
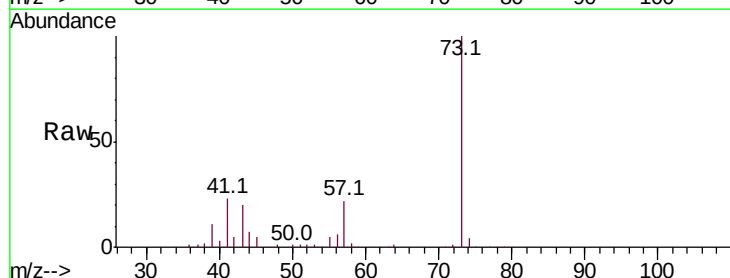
Instrument :
 MSVOA_U
 ClientSampleId :
 PT-UNRVOA-WSDL

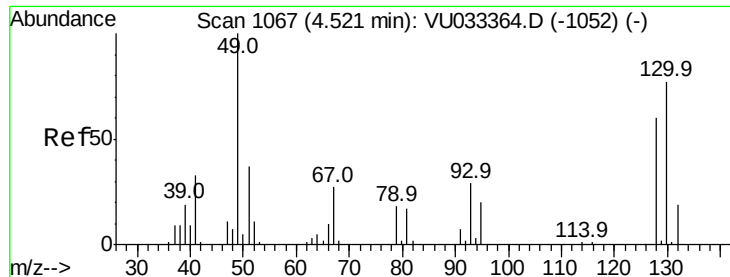
Tot Ion: 77 Resp: 22120
 Ion Ratio Lower Upper
 77 100
 97 18.2 17.8 26.8



#25
 Methyl tert-Butyl Ether
 Concen: 3.405 ug/l
 RT: 2.98 min Scan# 589
 Delta R.T. -0.00 min
 Lab File: VU033383.D
 Acq: 23 Jul 2019 15:58

Tgt Ion: 73 Resp: 86452
 Ion Ratio Lower Upper
 73 100
 43 20.6 16.6 24.8





#26

Bromochloromethane

Concen: 3.795 ug/l

RT: 4.52 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VU033383.D

Acq: 23 Jul 2019 15:58

Instrument :
MSVOA_U
ClientSampleId :
PT-UNRVOA-WSDL

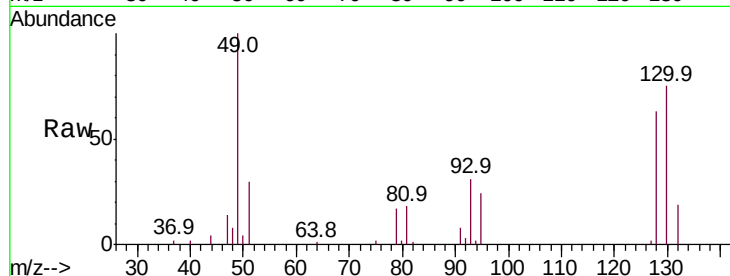
Tot Ion:128 Resp: 13243

Ion Ratio Lower Upper

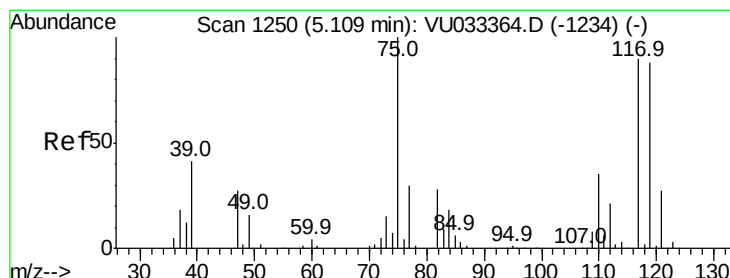
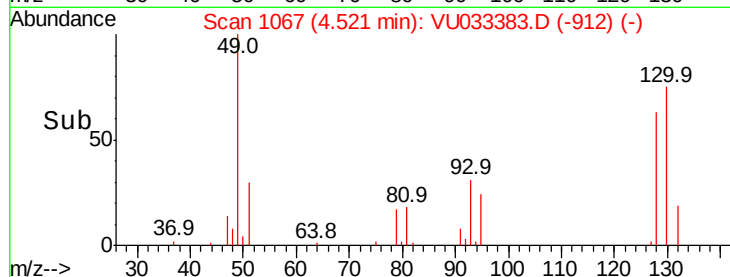
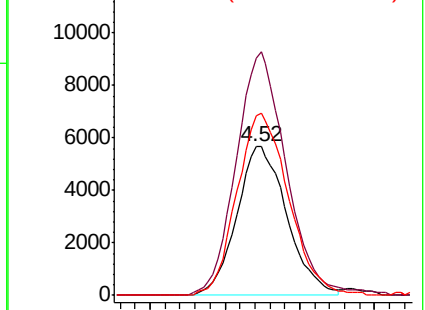
128 100

49 164.1 0.0 333.4

130 126.0 103.4 155.2



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



#29

1,1-Dichloropropene

Concen: 1.131 ug/l

RT: 5.11 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VU033383.D

Acq: 23 Jul 2019 15:58

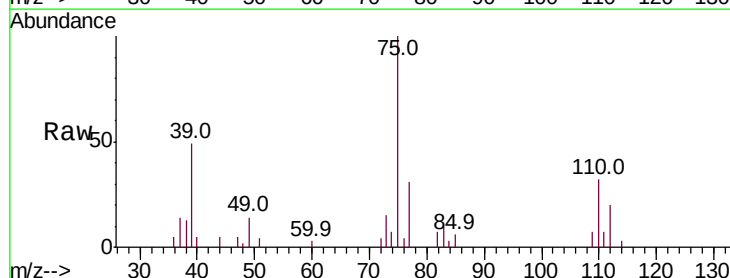
Tgt Ion: 75 Resp: 11599

Ion Ratio Lower Upper

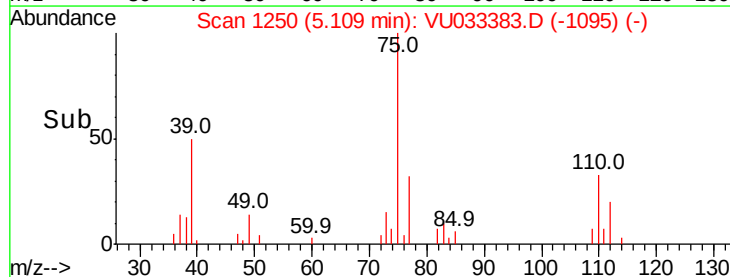
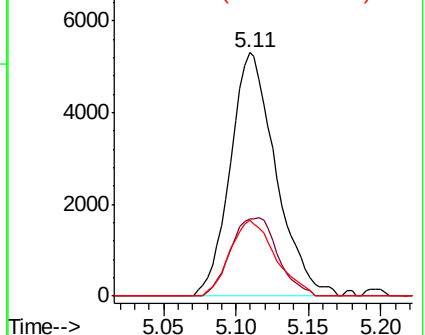
75 100

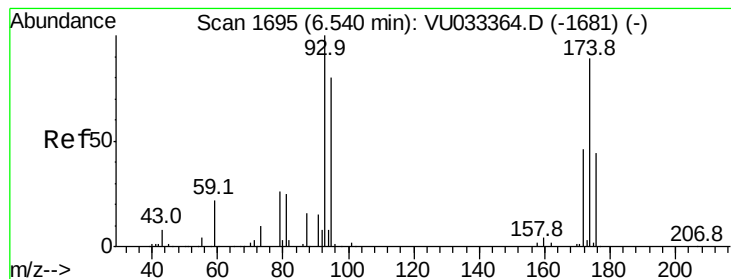
110 33.2 17.5 52.6

77 31.0 25.1 37.7



Abundance Ion 75.00 (74.70 to 75.70): VU
Ion 110.00 (109.70 to 110.70): V
Ion 77.00 (76.70 to 77.70): VU





#43

Dibromomethane

Concen: 0.989 ug/l

RT: 6.54 min Scan# 1696

Delta R.T. 0.00 min

Lab File: VU033383.D

Acq: 23 Jul 2019 15:58

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MSVOA_U

ClientSampleId :

PT-UNRVOA-WSDL

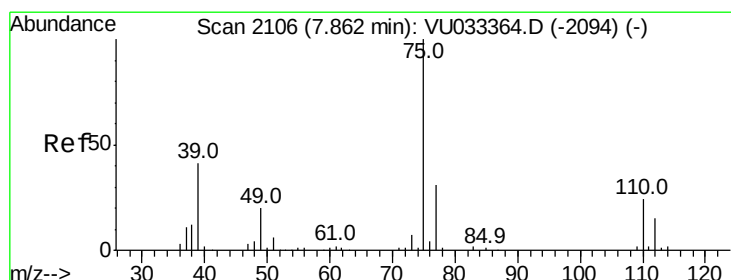
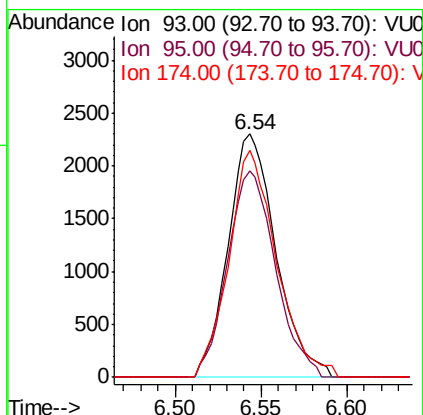
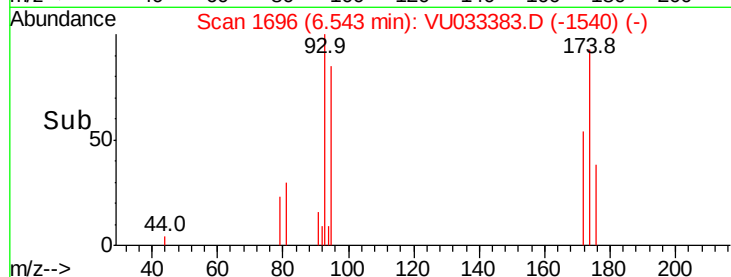
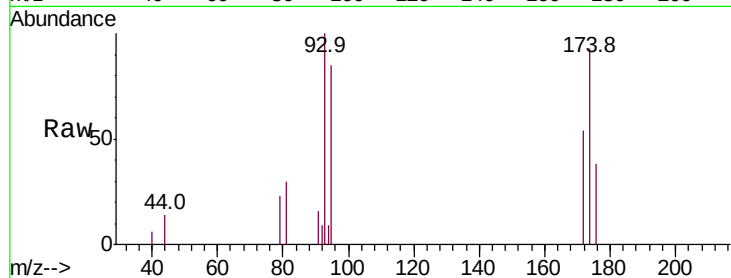
Tot Ion: 93 Resp: 4476

Ion Ratio Lower Upper

93 100

95 84.8 65.3 97.9

174 92.7 70.7 106.1



#50

t-1,3-Dichloropropene

Concen: 3.545 ug/l

RT: 7.86 min Scan# 2107

Delta R.T. 0.00 min

Lab File: VU033383.D

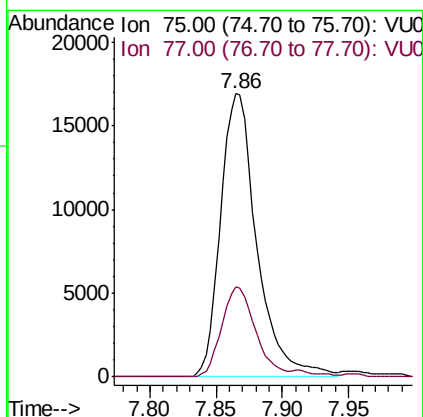
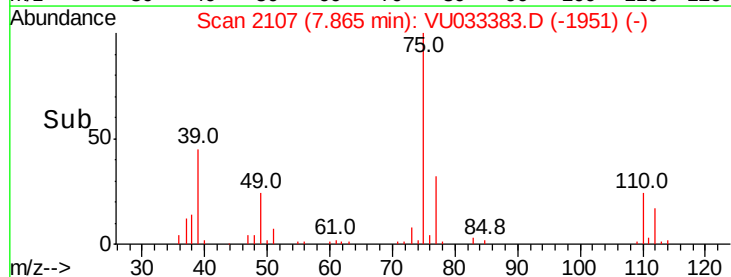
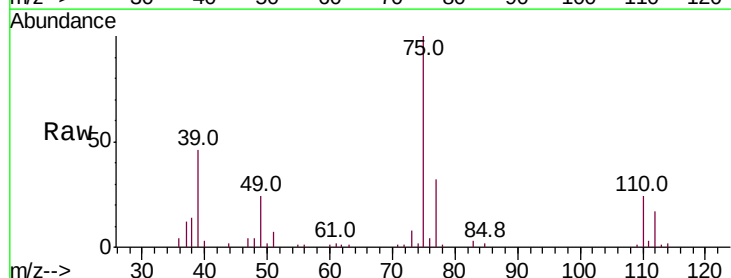
Acq: 23 Jul 2019 15:58

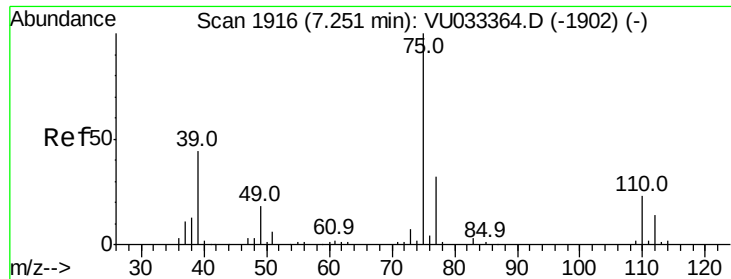
Tgt Ion: 75 Resp: 32271

Ion Ratio Lower Upper

75 100

77 32.0 25.2 37.8

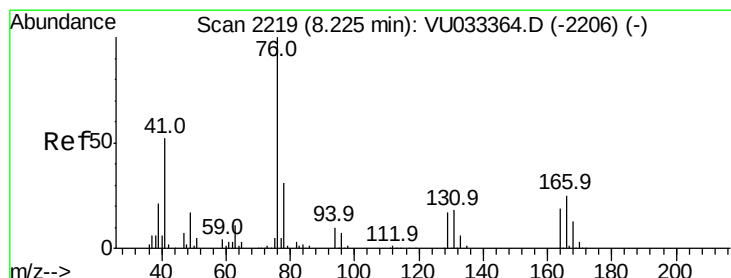
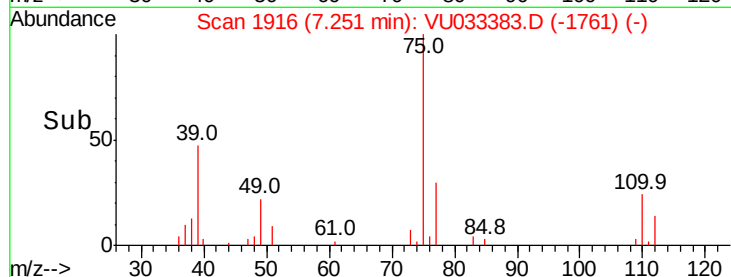
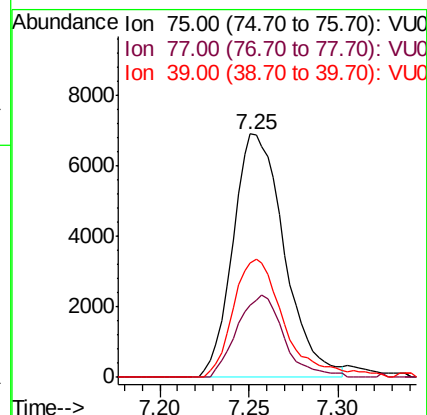
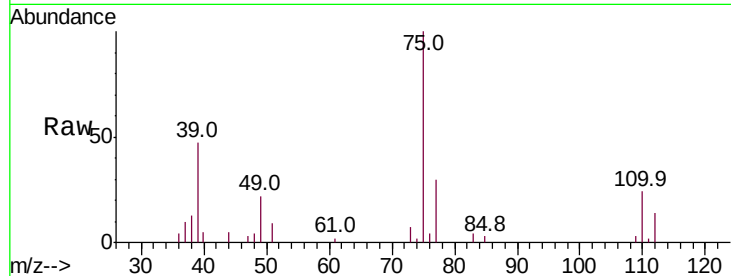




#51
 cis-1,3-Dichloropropene
 Concen: 1.286 ug/l
 RT: 7.25 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VU033383.D
 Acq: 23 Jul 2019 15:58

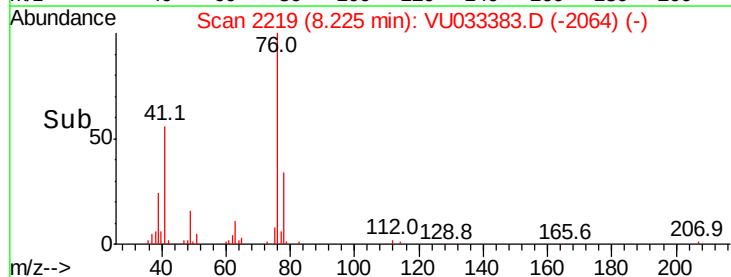
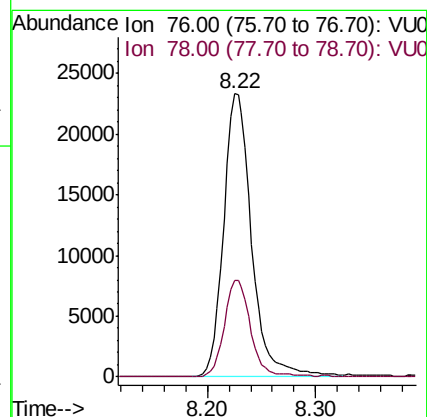
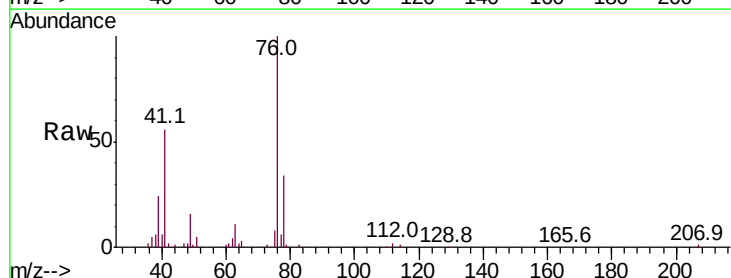
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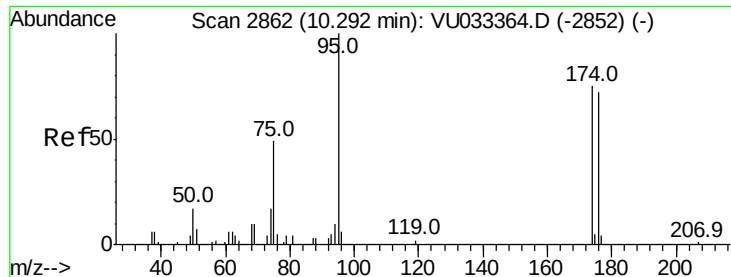
Tot Ion: 75 Resp: 13825
 Ion Ratio Lower Upper
 75 100
 77 29.6 25.8 38.8
 39 47.2 35.2 52.8



#53
 1,3-Dichloropropane
 Concen: 4.129 ug/l
 RT: 8.22 min Scan# 2219
 Delta R.T. -0.00 min
 Lab File: VU033383.D
 Acq: 23 Jul 2019 15:58

Tgt Ion: 76 Resp: 42209
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.7 38.5

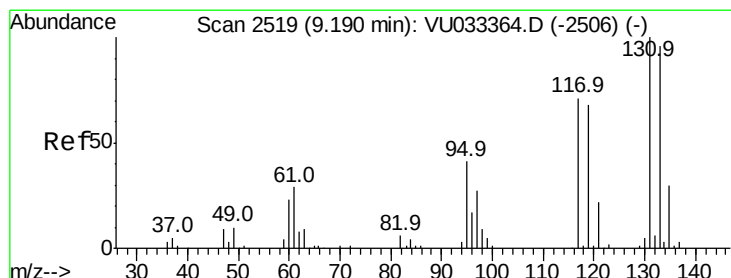
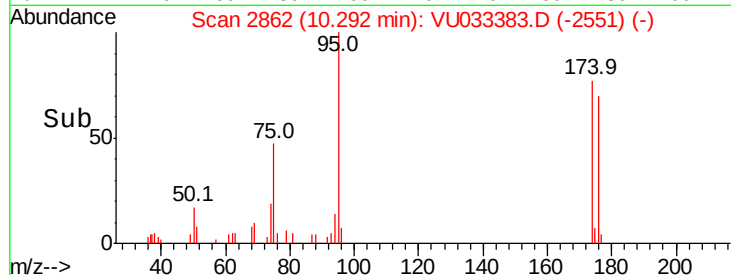
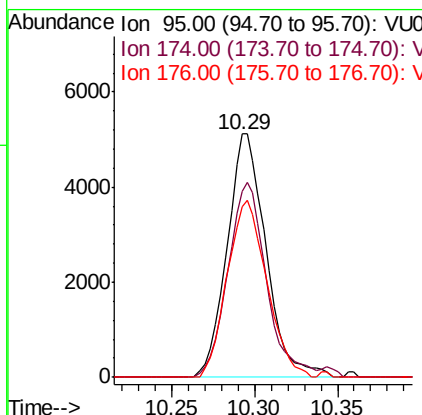
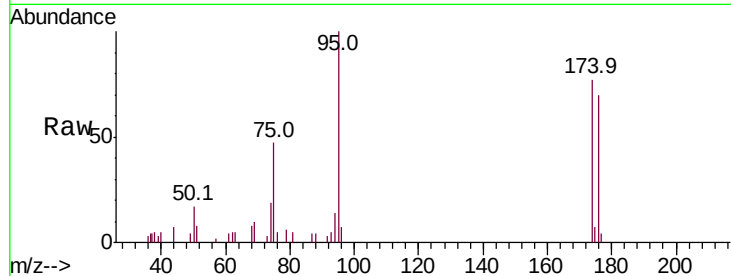




#57
 4-Bromofluorobenzene
 Concen: 0.857 ug/l
 RT: 10.29 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VU033383.D
 Acq: 23 Jul 2019 15:58

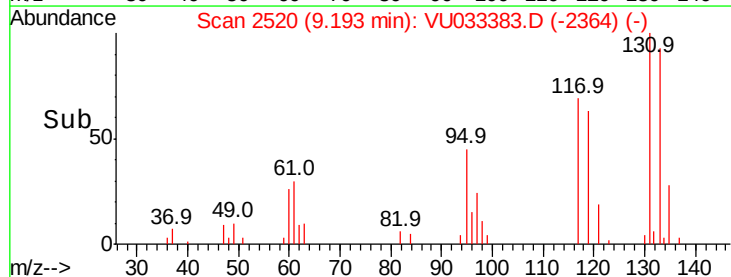
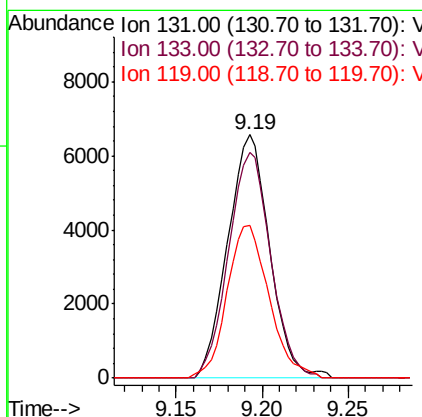
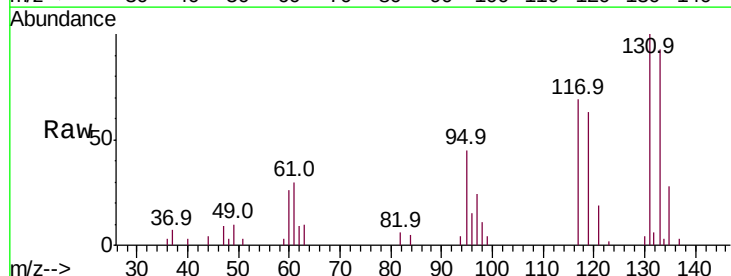
Instrument :
 MSVOA_U
 ClientSampleId :
 PT-UNRVOA-WSDL

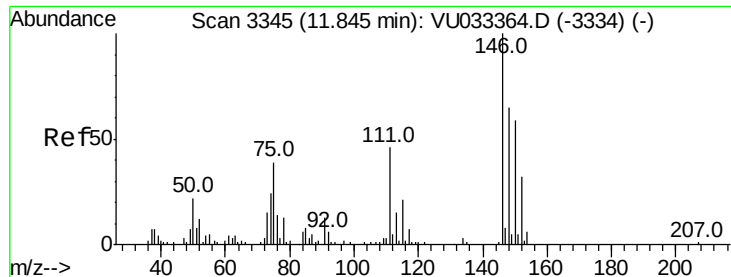
Tot Ion	Ratio	Lower	Upper
95	100		
174	79.1	58.8	88.2
176	73.9	54.4	81.6



#60
 1,1,1,2-Tetrachloroethane
 Concen: 1.506 ug/l
 RT: 9.19 min Scan# 2520
 Delta R.T. 0.00 min
 Lab File: VU033383.D
 Acq: 23 Jul 2019 15:58

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.2	76.2	114.4
119	62.8	54.9	82.3

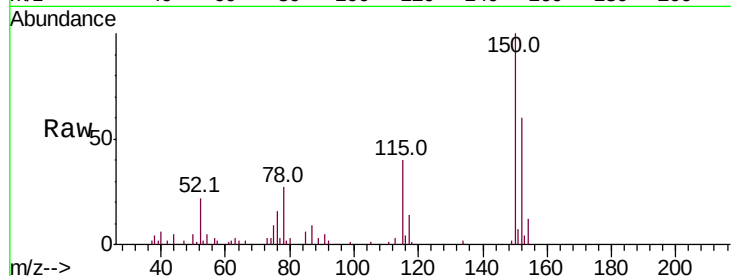




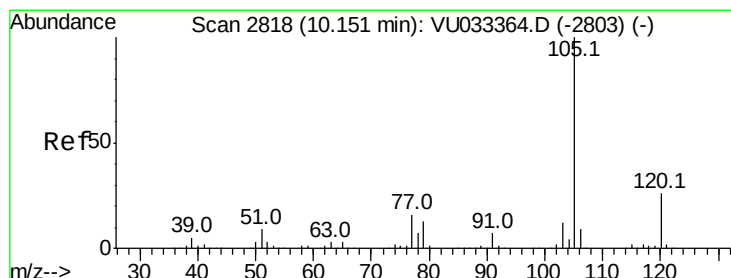
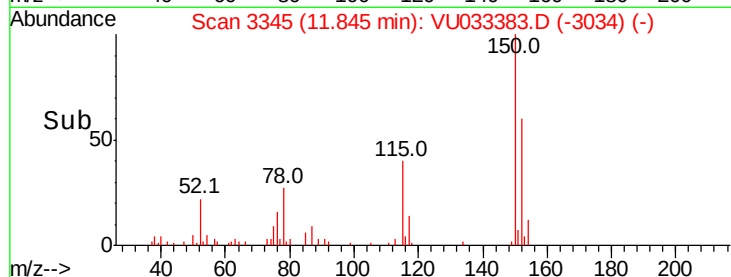
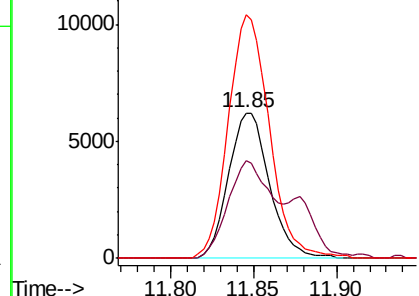
#68
 1,2-Dichlorobenzene-d4
 Concen: 1.058 ug/l
 RT: 11.85 min Scan# 3345
 Delta R.T. -0.00 min
 Lab File: VU033383.D
 Acq: 23 Jul 2019 15:58

Instrument :
 MSVOA_U
 ClientSampleId :
 PT-UNRVOA-WSDL

Tot Ion:152 Resp: 10637
 Ion Ratio Lower Upper
 152 100
 115 71.9 0.0 123.2
 150 168.3 0.0 648.4

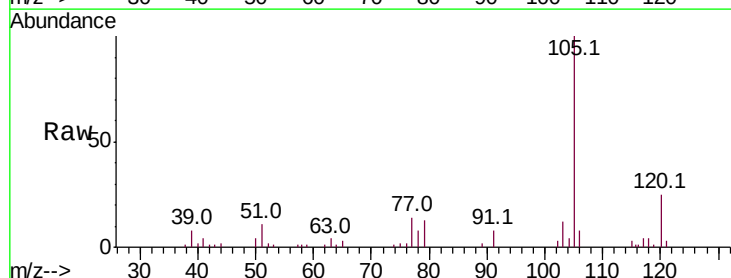


Abundance Ion 152.00 (151.70 to 152.70): V
 Ion 115.00 (114.70 to 115.70): V
 Ion 150.00 (149.70 to 150.70): V

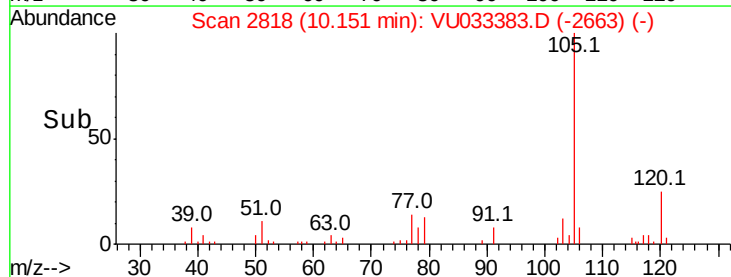
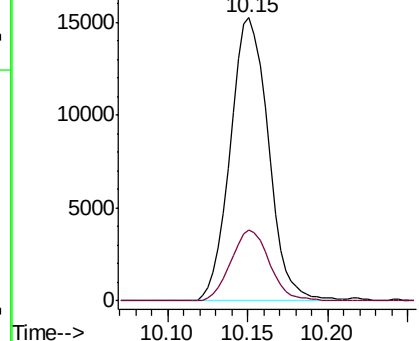


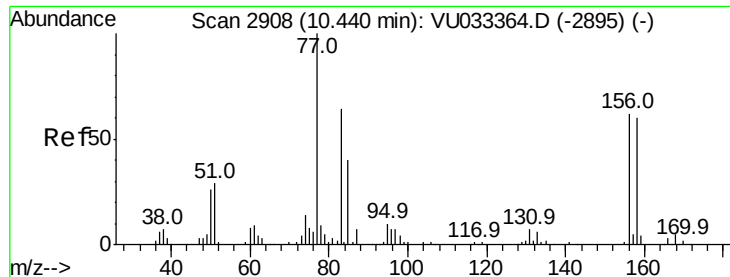
#69
 Isopropylbenzene
 Concen: 0.808 ug/l
 RT: 10.15 min Scan# 2818
 Delta R.T. -0.00 min
 Lab File: VU033383.D
 Acq: 23 Jul 2019 15:58

Tgt Ion:105 Resp: 24820
 Ion Ratio Lower Upper
 105 100
 120 25.3 13.4 40.1



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: 2.453 ug/l

RT: 10.44 min Scan# 2909

Delta R.T. 0.00 min

Lab File: VU033383.D

Acq: 23 Jul 2019 15:58

Instrument :

MSVOA_U

ClientSampleId :

PT-UNRVOA-WSDL

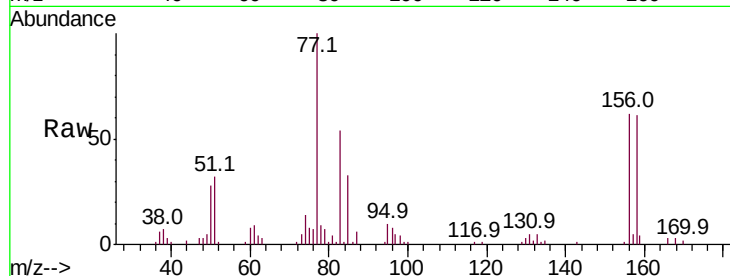
Tot Ion: 83 Resp: 19666

Ion Ratio Lower Upper

83 100

131 9.3 8.0 12.0

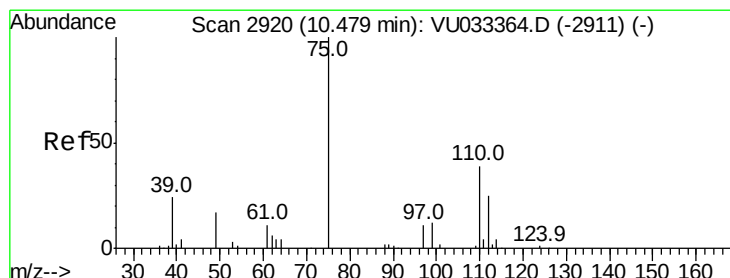
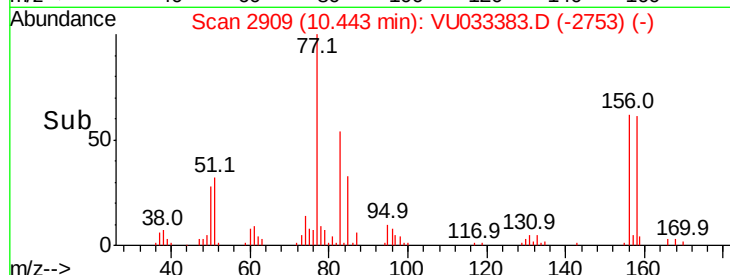
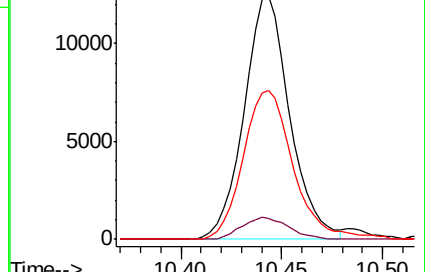
85 67.2 51.8 77.8



Abundance Ion 83.00 (82.70 to 83.70): VU033364.D (-2895) (-)

Ion 131.00 (130.70 to 131.70): VU033364.D (-2895) (-)

Ion 85.00 (84.70 to 85.70): VU033364.D (-2895) (-)



#71

1,2,3-Trichloropropane

Concen: 2.392 ug/l

RT: 10.48 min Scan# 2920

Delta R.T. -0.00 min

Lab File: VU033383.D

Acq: 23 Jul 2019 15:58

Tgt Ion: 75 Resp: 14809

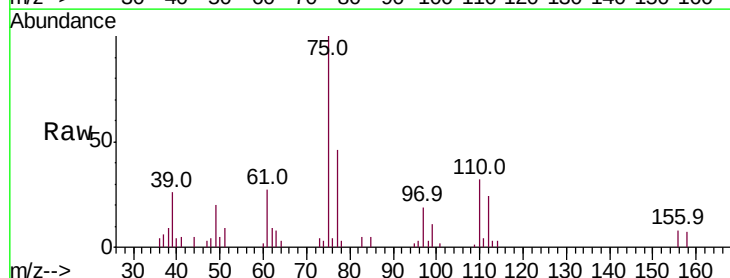
Ion Ratio Lower Upper

75 100

77 0.0 0.0 18.2

110 33.1 0.0 71.4

97 18.8 0.0 37.8

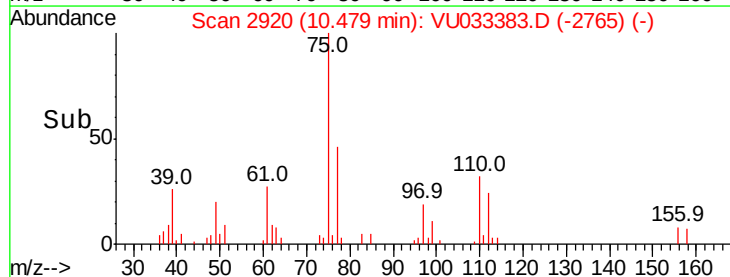
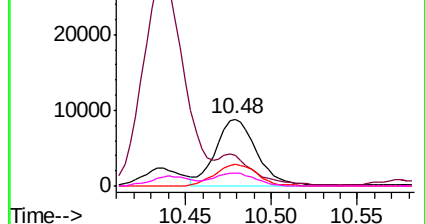


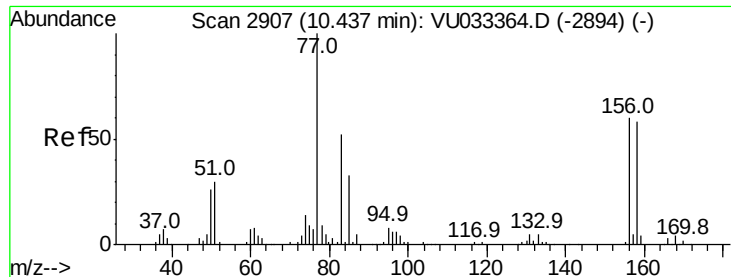
Abundance Ion 75.00 (74.70 to 75.70): VU033364.D (-2911) (-)

Ion 77.00 (76.70 to 77.70): VU033364.D (-2911) (-)

Ion 110.00 (109.70 to 110.70): VU033364.D (-2911) (-)

Ion 97.00 (96.70 to 97.70): VU033364.D (-2911) (-)





#72

Bromobenzene

Concen: 3.540 ug/l

RT: 10.44 min Scan# 2907

Delta R.T. -0.00 min

Lab File: VU033383.D

Acq: 23 Jul 2019 15:58

Instrument :

MSVOA_U

ClientSampleId :

PT-UNRVOA-WSDL

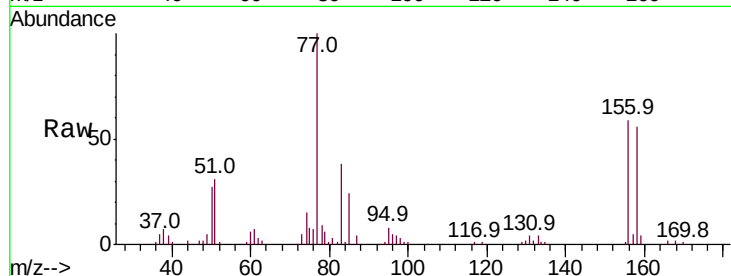
Tot Ion:156 Resp: 28711

Ion Ratio Lower Upper

156 100

77 162.5 0.0 324.4

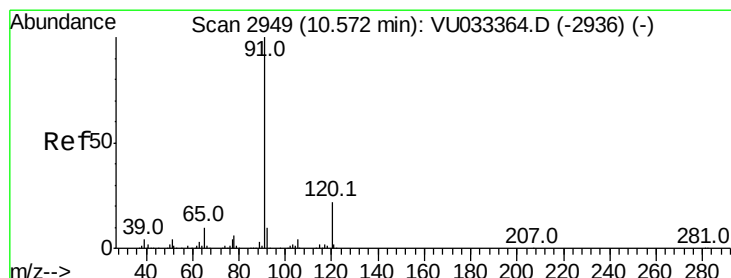
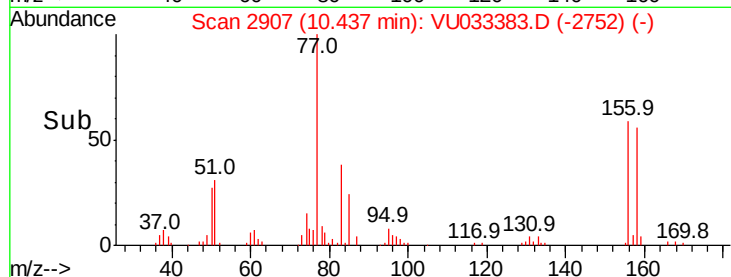
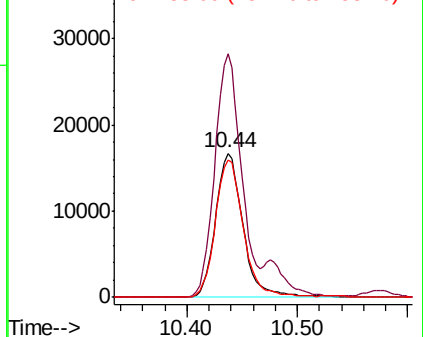
158 97.5 0.0 192.4



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: 0.667 ug/l

RT: 10.57 min Scan# 2949

Delta R.T. -0.00 min

Lab File: VU033383.D

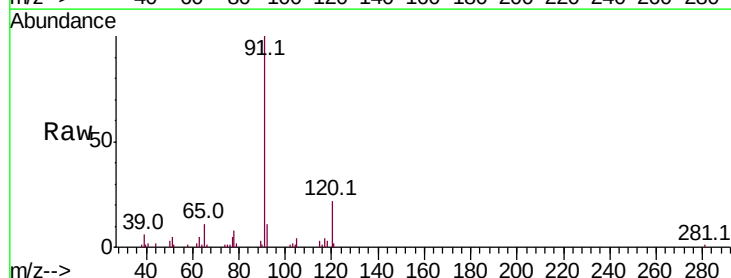
Acq: 23 Jul 2019 15:58

Tgt Ion:120 Resp: 5834

Ion Ratio Lower Upper

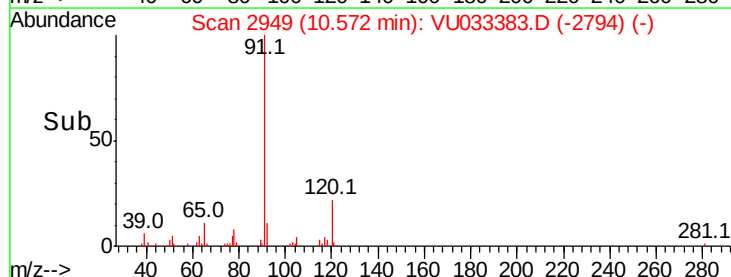
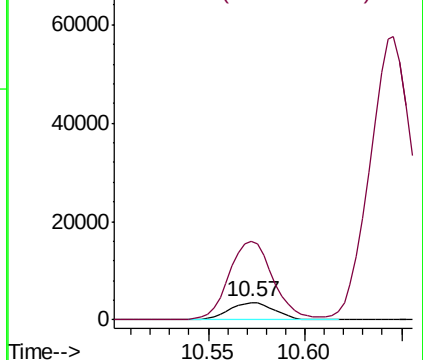
120 100

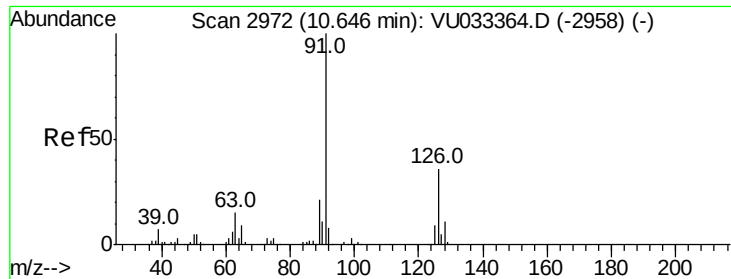
91 435.4 355.1 532.7



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0





#74

2-Chlorotoluene

Concen: 3.870 ug/l

RT: 10.65 min Scan# 2972

Delta R.T. -0.00 min

Lab File: VU033383.D

Acq: 23 Jul 2019 15:58

Instrument :

MSVOA_U

ClientSampleId :

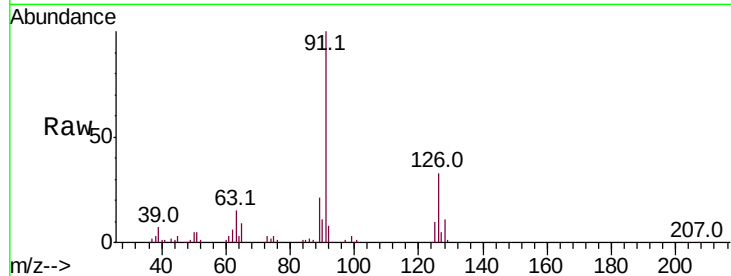
PT-UNRVOA-WSDL

Tot Ion:126 Resp: 30917

Ion Ratio Lower Upper

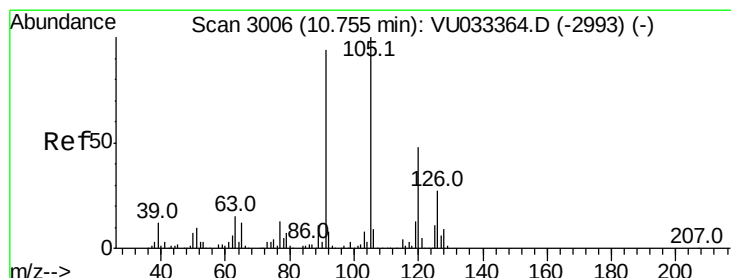
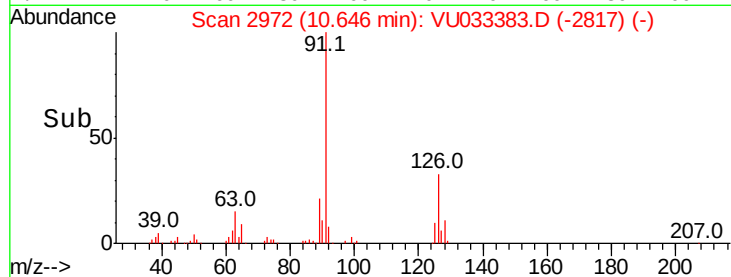
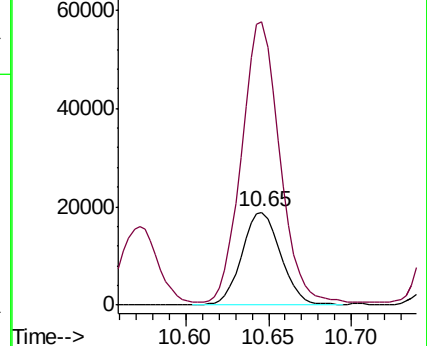
126 100

91 303.7 0.0 598.0



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: 1.610 ug/l

RT: 10.76 min Scan# 3007

Delta R.T. 0.00 min

Lab File: VU033383.D

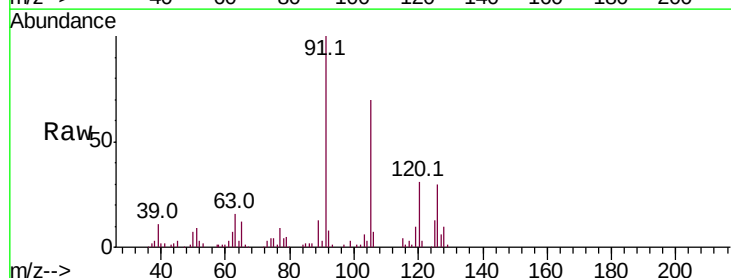
Acq: 23 Jul 2019 15:58

Tgt Ion:105 Resp: 44389

Ion Ratio Lower Upper

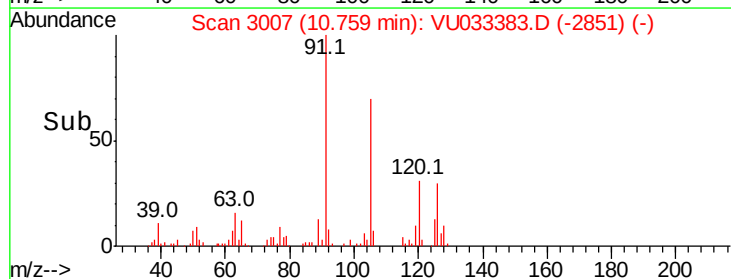
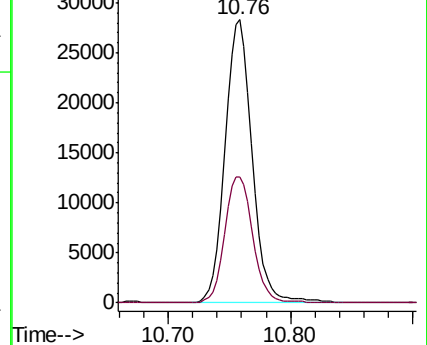
105 100

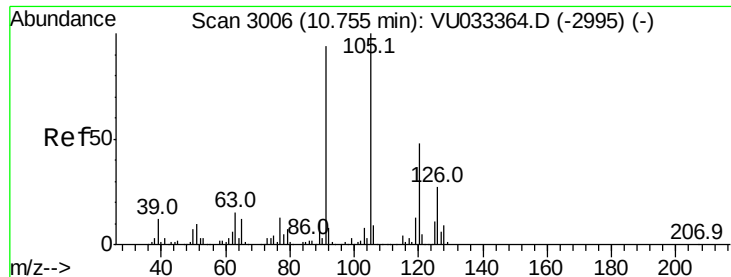
120 46.0 38.2 57.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#76

4-Chlorotoluene

Concen: 2.412 ug/l

RT: 10.76 min Scan# 3007

Delta R.T. 0.00 min

Lab File: VU033383.D

Acq: 23 Jul 2019 15:58

Instrument :

MSVOA_U

ClientSampleId :

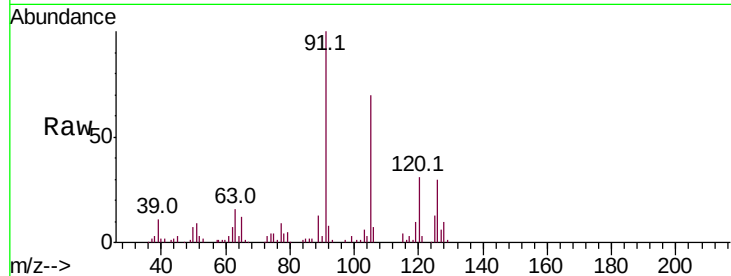
PT-UNRVOA-WSDL

Tot Ion:126 Resp: 20081

Ion Ratio Lower Upper

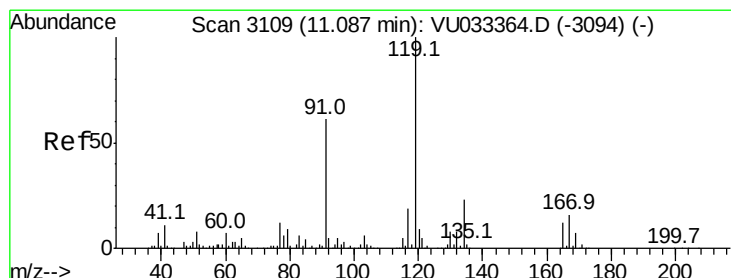
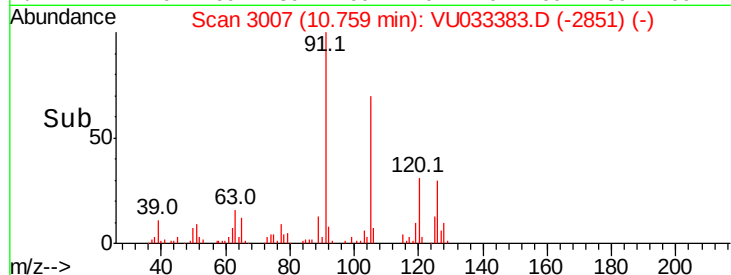
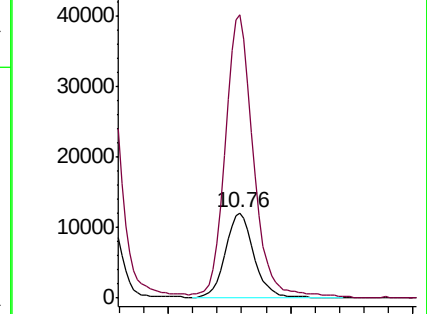
126 100

91 325.9 0.0 681.0



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0



#77

tert-Butylbenzene

Concen: 1.307 ug/l

RT: 11.08 min Scan# 3108

Delta R.T. -0.00 min

Lab File: VU033383.D

Acq: 23 Jul 2019 15:58

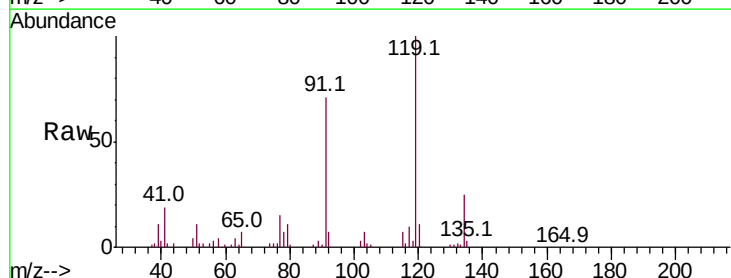
Tgt Ion:119 Resp: 34139

Ion Ratio Lower Upper

119 100

91 72.8 30.4 91.3

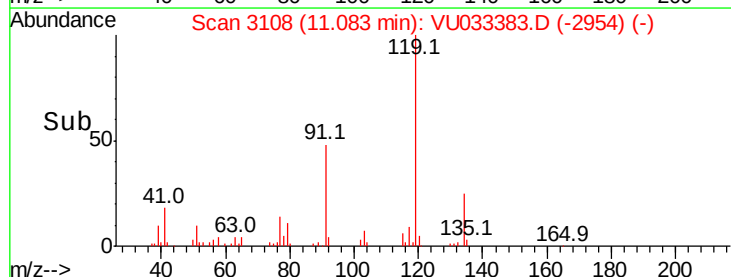
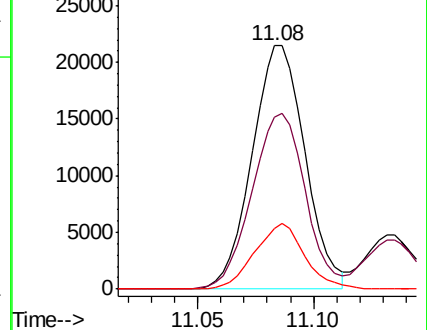
134 25.3 18.5 27.7

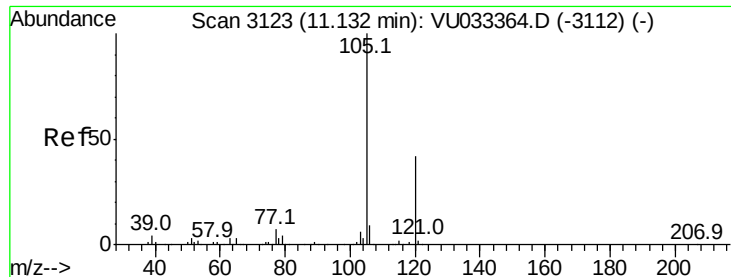


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VU0

Ion 134.00 (133.70 to 134.70): V





#78

1,2,4-Trimethylbenzene

Concen: 1.747 ug/l

RT: 11.13 min Scan# 3124

Delta R.T. 0.00 min

Lab File: VU033383.D

Acq: 23 Jul 2019 15:58

Instrument :

MSVOA_U

ClientSampleId :

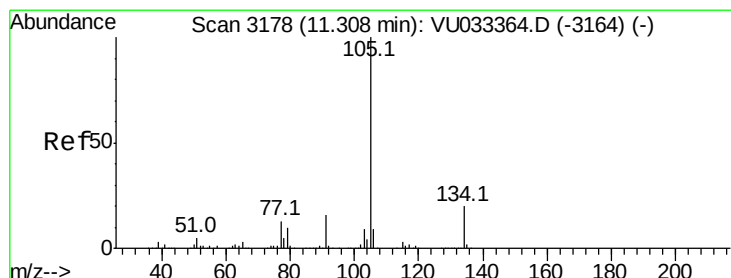
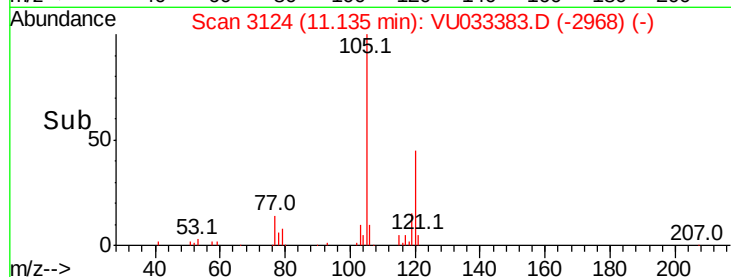
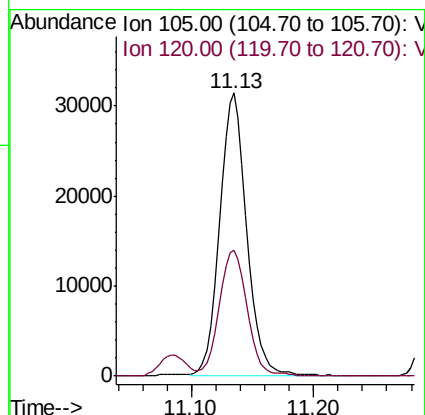
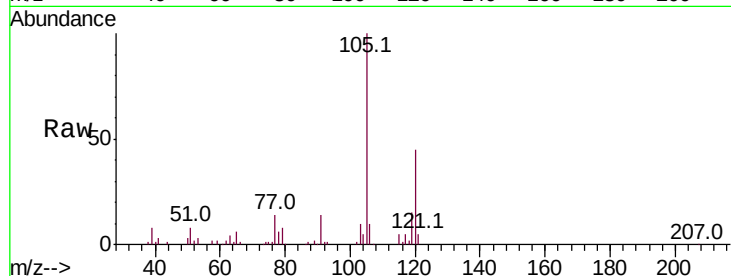
PT-UNRVOA-WSDL

Tot Ion:105 Resp: 49232

Ion Ratio Lower Upper

105 100

120 46.1 22.5 67.5



#79

sec-Butylbenzene

Concen: 2.712 ug/l

RT: 11.31 min Scan# 3178

Delta R.T. -0.00 min

Lab File: VU033383.D

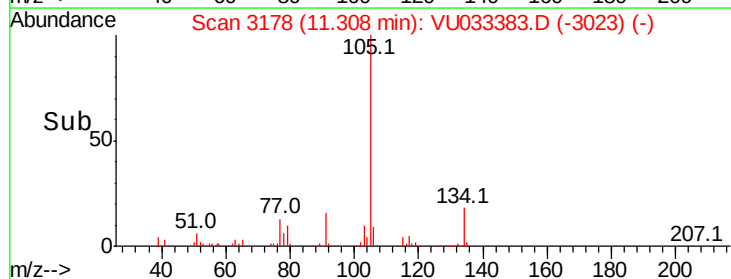
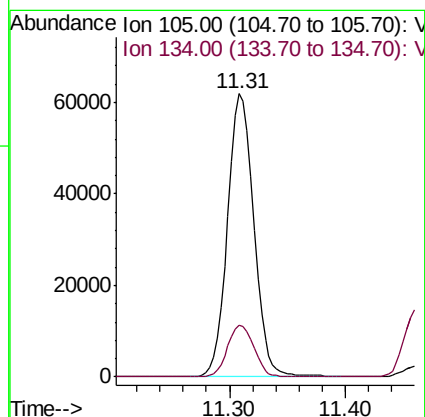
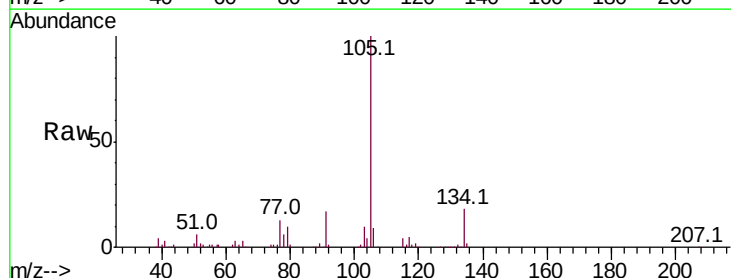
Acq: 23 Jul 2019 15:58

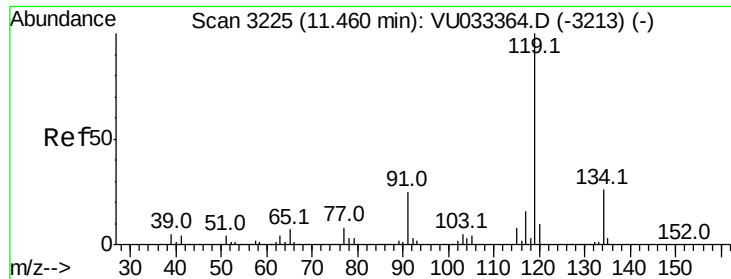
Tgt Ion:105 Resp: 97528

Ion Ratio Lower Upper

105 100

134 18.4 15.5 23.3

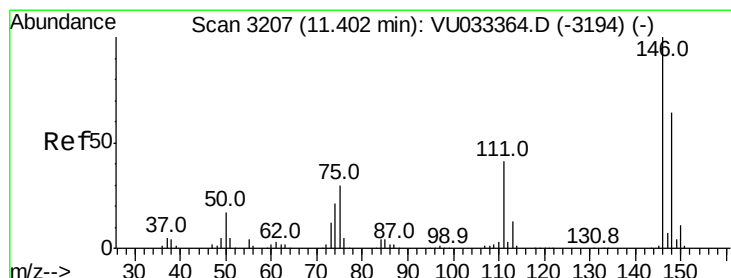
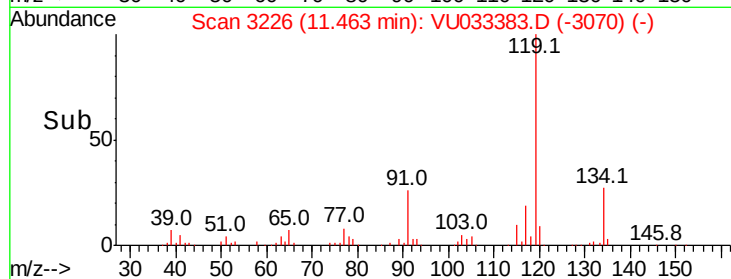
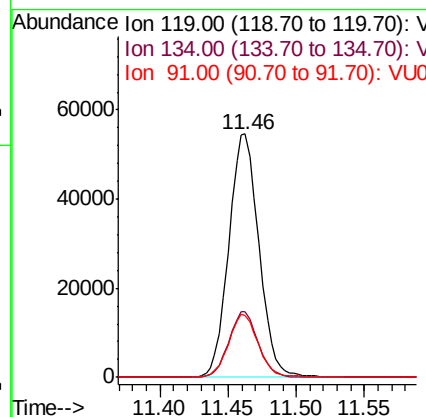
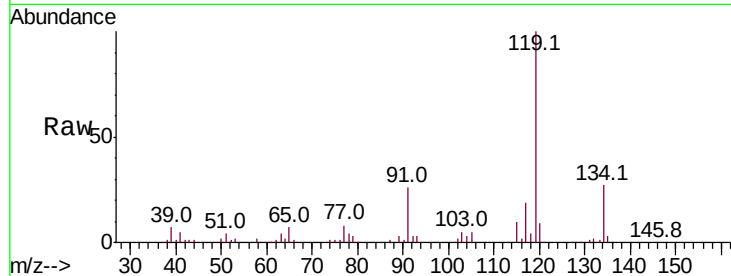




#81
 p-Isopropyltoluene
 Concen: 2.867 ug/l
 RT: 11.46 min Scan# 3226
 Delta R.T. 0.00 min
 Lab File: VU033383.D
 Acq: 23 Jul 2019 15:58

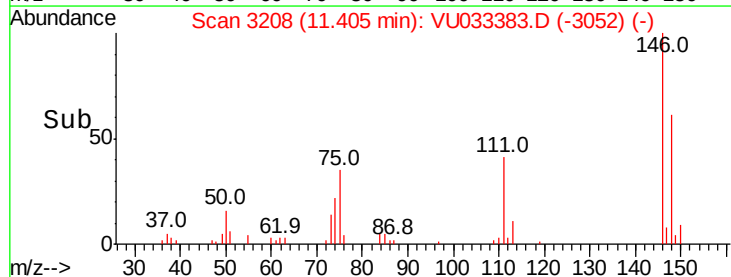
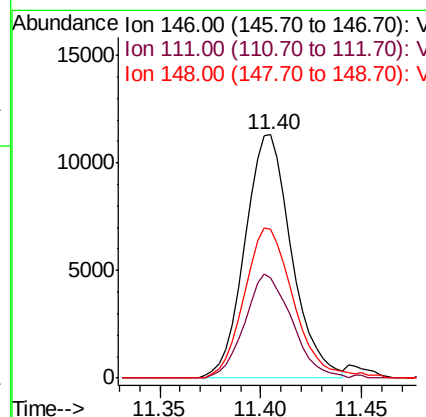
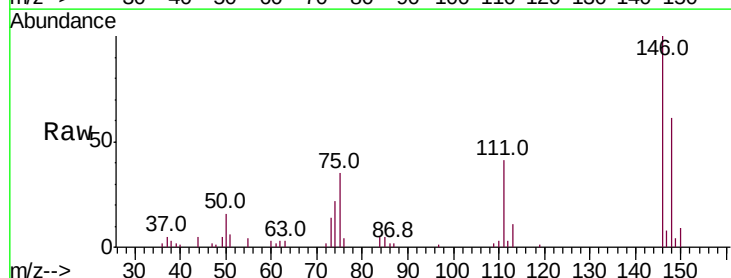
Instrument :
 MSVOA_U
 ClientSampleId :
 PT-UNRVOA-WSDL

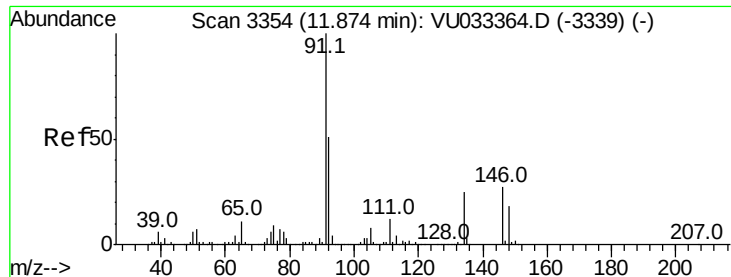
Tot Ion	Ratio	Lower	Upper
119	100		
134	26.2	21.0	31.4
91	25.8	19.8	29.6



#82
 1,3-Dichlorobenzene
 Concen: 1.064 ug/l
 RT: 11.40 min Scan# 3208
 Delta R.T. 0.00 min
 Lab File: VU033383.D
 Acq: 23 Jul 2019 15:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.0	33.3	49.9
148	65.5	50.8	76.2





#84

n-Butylbenzene

Concen: 2.948 ug/l

RT: 11.87 min Scan# 3354

Delta R.T. -0.00 min

Lab File: VU033383.D

Acq: 23 Jul 2019 15:58

Instrument :

MSVOA_U

ClientSampleId :

PT-UNRVOA-WSDL

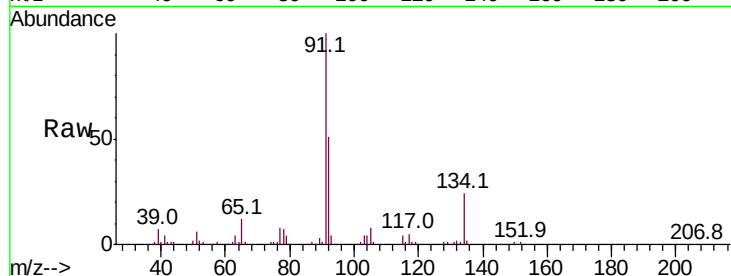
Tot Ion: 91 Resp: 88206

Ion	Ratio	Lower	Upper
91	100		
92	51.0	41.0	61.6
134	23.3	19.5	29.3

91 100

92 51.0 41.0 61.6

134 23.3 19.5 29.3

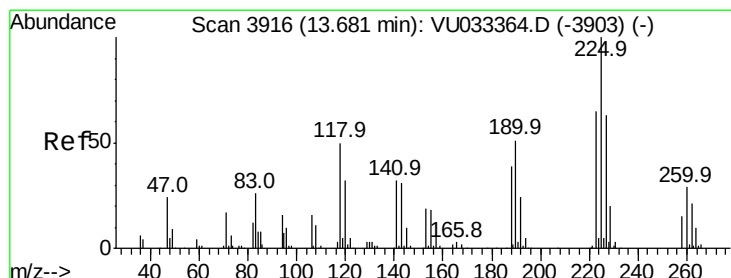
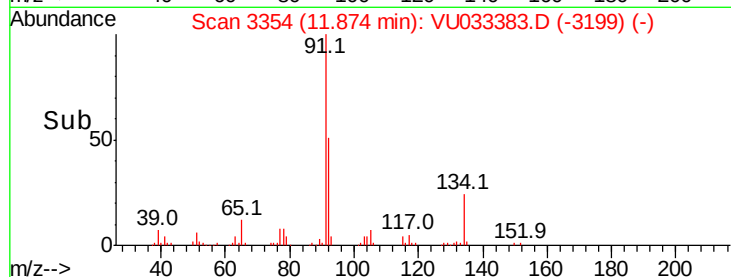
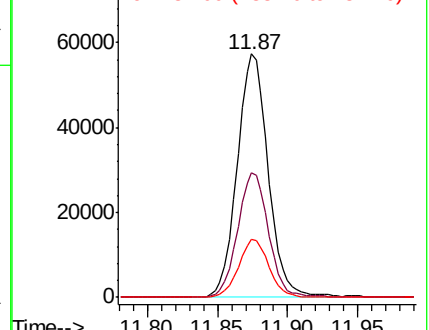


Abundance

Ion 91.00 (90.70 to 91.70): VU033383.D (-3199) (-)

Ion 92.00 (91.70 to 92.70): VU033383.D (-3199) (-)

Ion 134.00 (133.70 to 134.70): VU033383.D (-3199) (-)



#88

Hexachlorobutadiene

Concen: 9.182 ug/l

RT: 13.68 min Scan# 3916

Delta R.T. -0.00 min

Lab File: VU033383.D

Acq: 23 Jul 2019 15:58

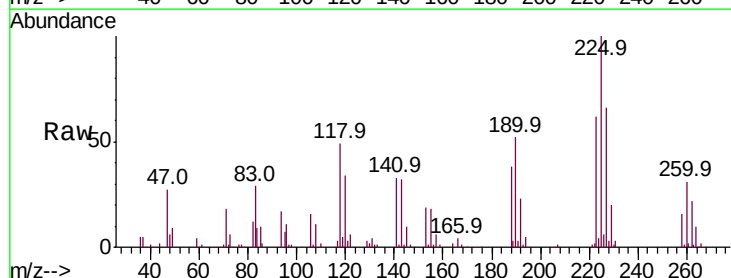
Tgt Ion: 225 Resp: 54467

Ion	Ratio	Lower	Upper
225	100		
223	63.3	52.2	78.4
227	63.8	51.7	77.5

225 100

223 63.3 52.2 78.4

227 63.8 51.7 77.5

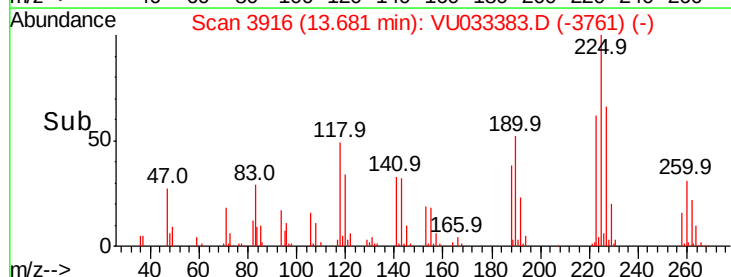
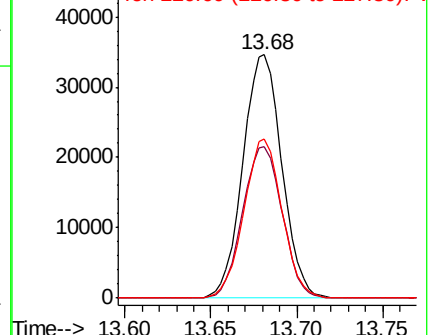


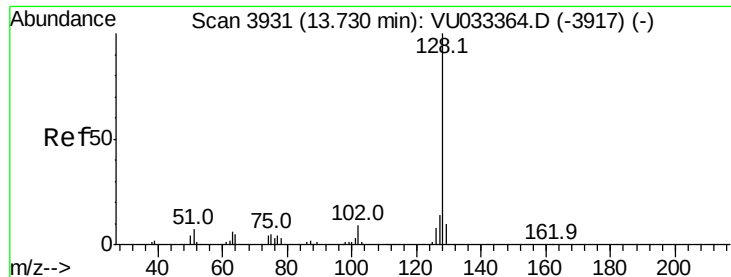
Abundance

Ion 224.60 (224.30 to 225.30): VU033383.D (-3761) (-)

Ion 222.60 (222.30 to 223.30): VU033383.D (-3761) (-)

Ion 226.60 (226.30 to 227.30): VU033383.D (-3761) (-)





#89

Naphthalene

Concen: 3.759 ug/l

RT: 13.73 min Scan# 3931

Delta R.T. 0.00 min

Lab File: VU033383.D

Acq: 23 Jul 2019 15:58

Instrument :

MSVOA_U

ClientSampleId :

PT-UNRVOA-WSDL

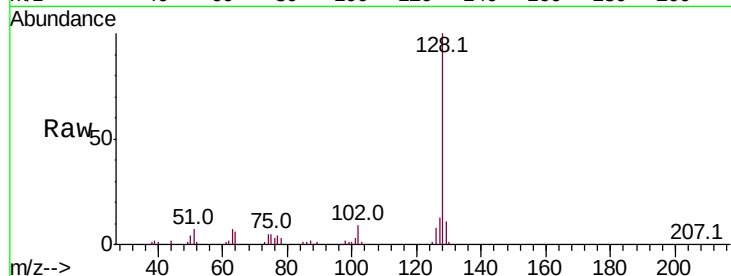
Tot Ion:128 Resp: 72472

Ion Ratio Lower Upper

128 100

127 13.9 10.8 16.2

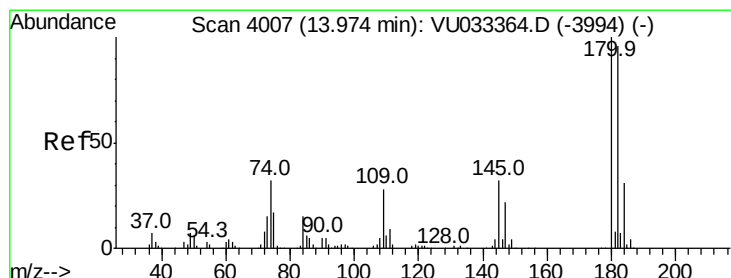
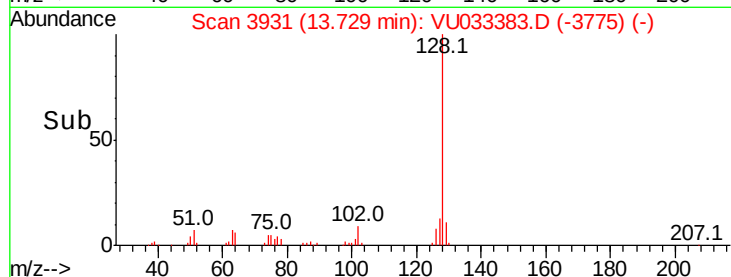
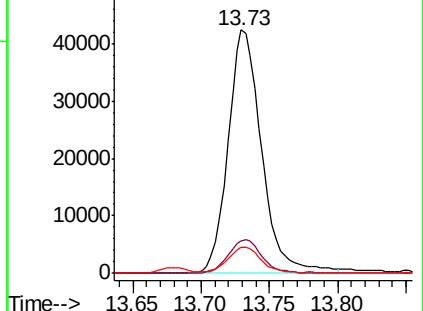
129 9.9 8.5 12.7



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: 11.848 ug/l

RT: 13.97 min Scan# 4007

Delta R.T. -0.00 min

Lab File: VU033383.D

Acq: 23 Jul 2019 15:58

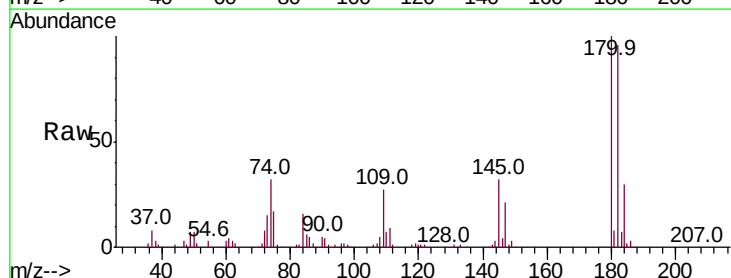
Tgt Ion:180 Resp: 110592

Ion Ratio Lower Upper

180 100

182 96.5 77.9 116.9

145 32.4 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

