

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111318\
 Data File : VU028087.D
 Acq On : 13 Nov 2018 13:17
 Operator : MD/SY
 Sample : J5925-17
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TP-5-GW

Quant Time: Nov 14 07:39:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 02 02:28:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	229584	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	426836	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	379719	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	167906	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	181334	53.13	ug/l	0.00
Spiked Amount			Recovery	=	106.26%	
35) Dibromofluoromethane	4.88	113	139132	51.70	ug/l	0.00
Spiked Amount			Recovery	=	103.40%	
50) Toluene-d8	7.57	98	552008	53.10	ug/l	0.00
Spiked Amount			Recovery	=	106.20%	
62) 4-Bromofluorobenzene	10.31	95	187886	49.00	ug/l	0.00
Spiked Amount			Recovery	=	98.00%	

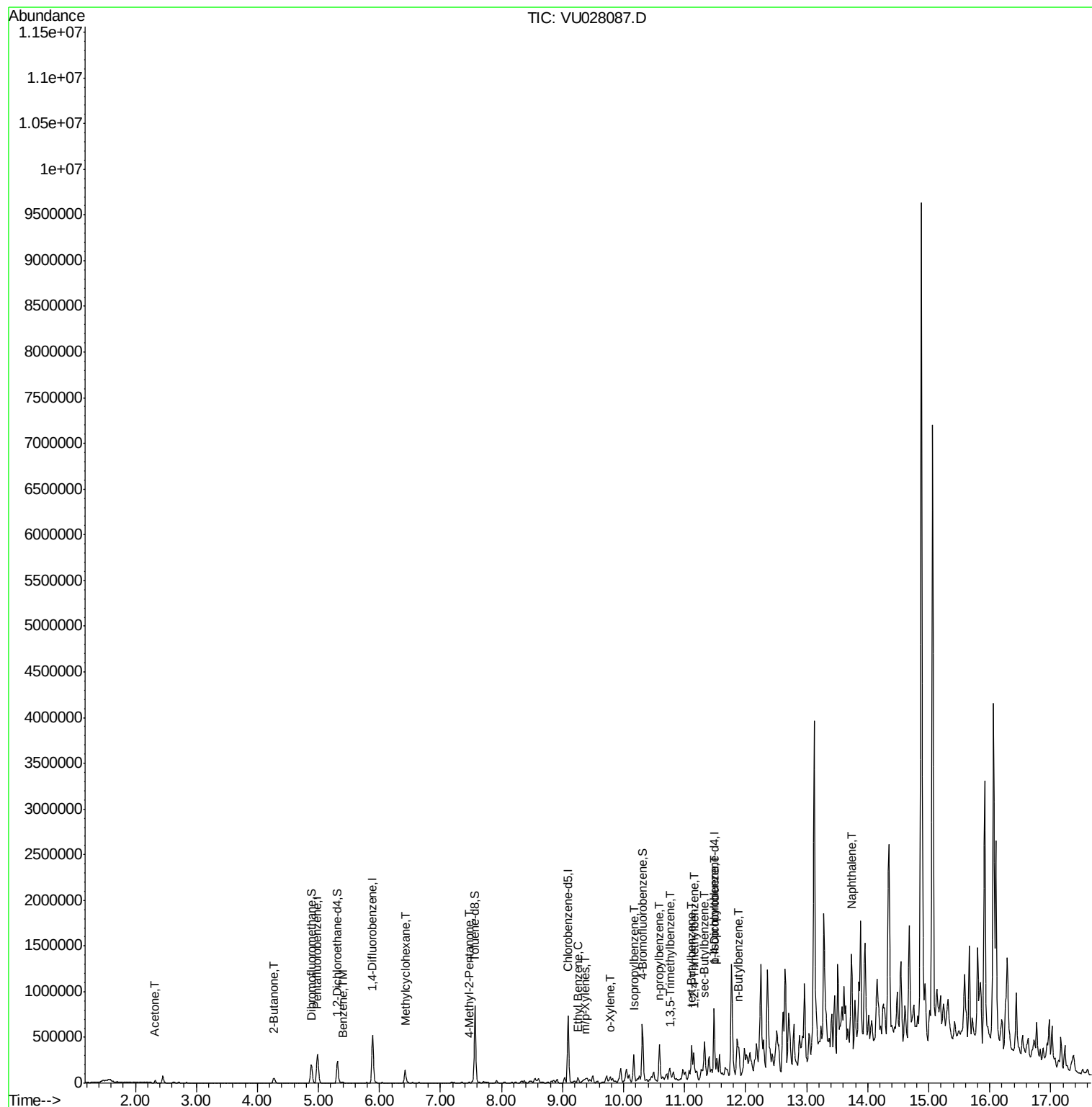
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.32	43	26240	12.390	ug/l	98
25) 2-Butanone	4.27	43	91121	27.046	ug/l	95
39) Methylcyclohexane	6.42	83	20330	3.771	ug/l	96
40) Benzene	5.40	78	10973	0.803	ug/l	98
51) 4-Methyl-2-Pentanone	7.47	43	7696	1.123	ug/l	98
67) Ethyl Benzene	9.25	91	32755	2.218	ug/l	97
68) m/p-Xylenes	9.38	106	7903	1.475	ug/l	95
69) o-Xylene	9.78	106	15284	2.825	ug/l	93
73) Isopropylbenzene	10.17	105	177536	13.649	ug/l	99
78) n-propylbenzene	10.59	91	304244	19.541	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	17744	1.647	ug/l	96
83) tert-Butylbenzene	11.10	119	13105	1.217	ug/l	90
84) 1,2,4-Trimethylbenzene	11.15	105	123746	11.405	ug/l	98
85) sec-Butylbenzene	11.32	105	199221	15.207	ug/l	100
86) p-Isopropyltoluene	11.48	119	27893	2.547	ug/l	99
89) n-Butylbenzene	11.89	91	133466	12.823	ug/l #	80
95) Naphthalene	13.74	128	489173	35.464	ug/l #	97

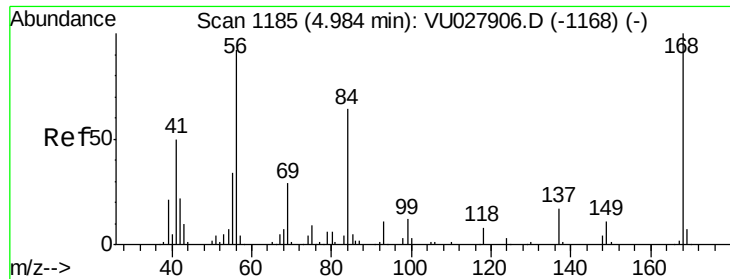
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU111318\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 02 02:28:20 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU028087.D

Acq: 13 Nov 2018 13:17

Instrument :

MSVOA_U

ClientSampleId :

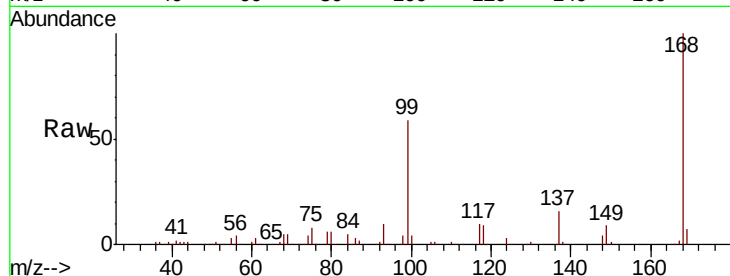
TP-5-GW

Tot Ion:168 Resp: 229584

Ion Ratio Lower Upper

168 100

99 59.5 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VU027906.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU028087.D (-1092) (-)

4.98

120000

100000

80000

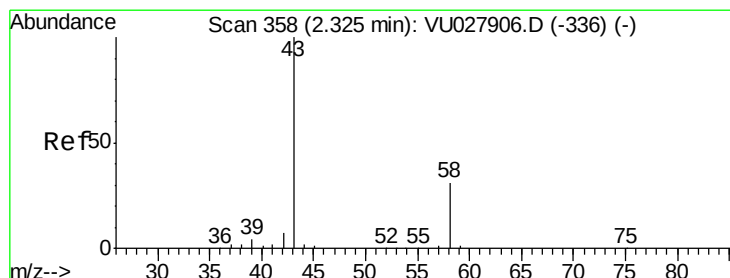
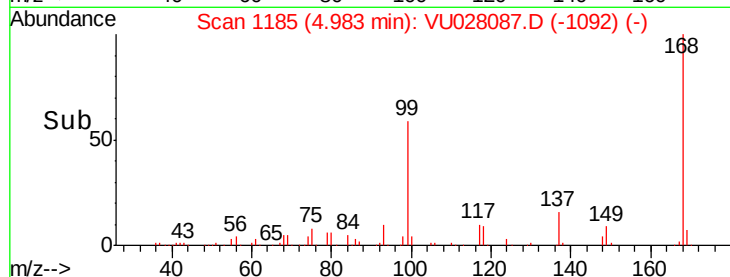
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 12.390 ug/l

RT: 2.32 min Scan# 358

Delta R.T. -0.00 min

Lab File: VU028087.D

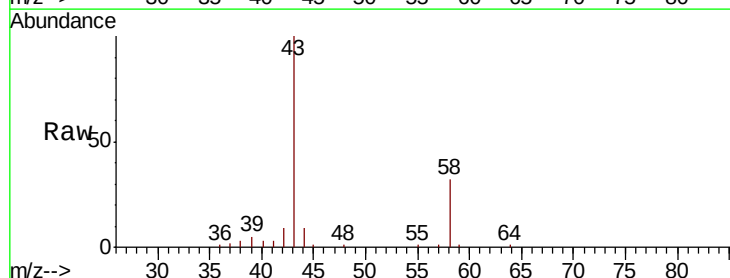
Acq: 13 Nov 2018 13:17

Tgt Ion: 43 Resp: 26240

Ion Ratio Lower Upper

43 100

58 31.8 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VU027906.D (-336) (-)

Ion 58.00 (57.70 to 58.70): VU028087.D (-265) (-)

2.32

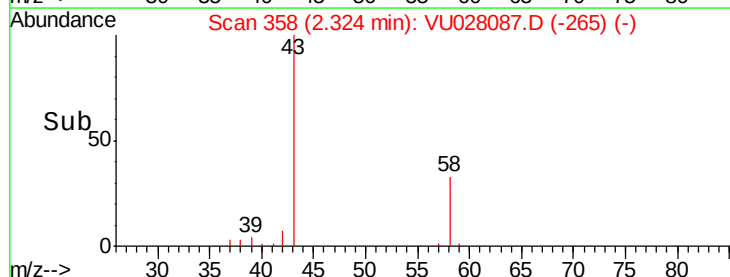
15000

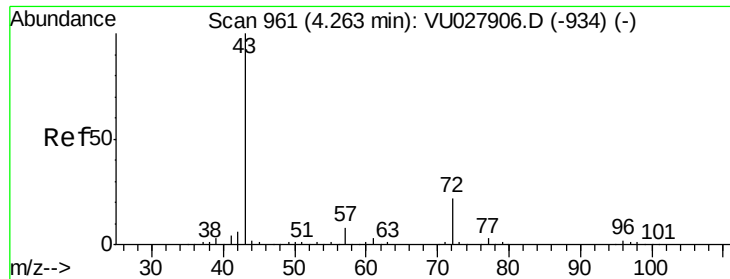
10000

5000

0

Time-->





#25

2-Butanone

Concen: 27.046 ug/l

RT: 4.27 min Scan# 962

Delta R.T. 0.00 min

Lab File: VU028087.D

Acq: 13 Nov 2018 13:17

Instrument :

MSVOA_U

ClientSampleId :

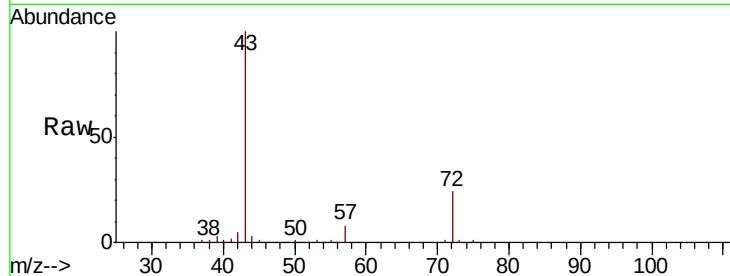
TP-5-GW

Tot Ion: 43 Resp: 91121

Ion Ratio Lower Upper

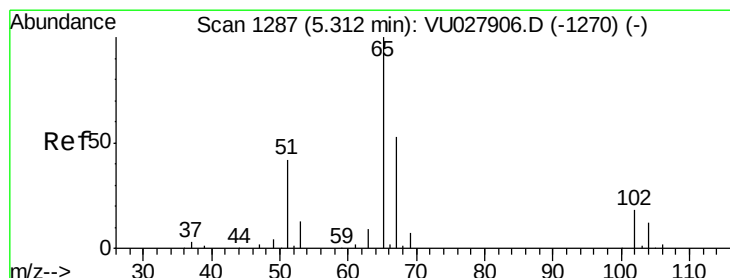
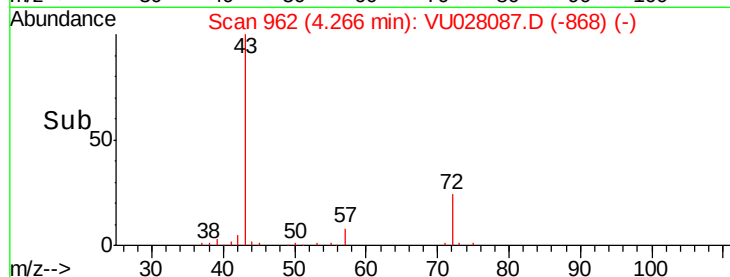
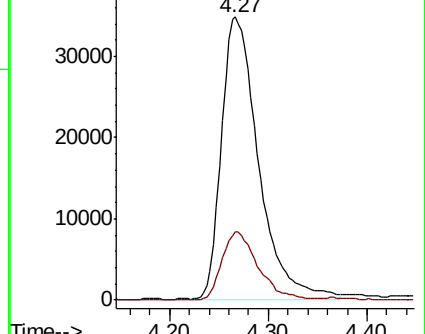
43 100

72 24.3 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VU027906.D (-934) (-)

Ion 72.00 (71.70 to 72.70): VU027906.D (-934) (-)



#33

1,2-Dichloroethane-d4

Concen: 53.125 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. -0.00 min

Lab File: VU028087.D

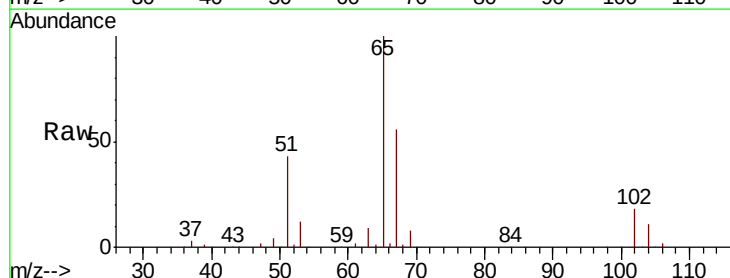
Acq: 13 Nov 2018 13:17

Tgt Ion: 65 Resp: 181334

Ion Ratio Lower Upper

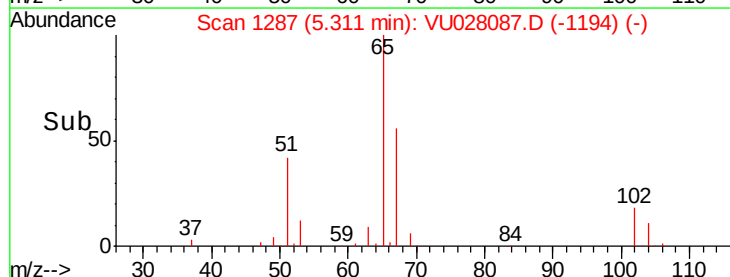
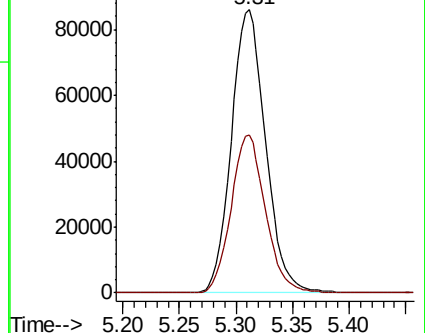
65 100

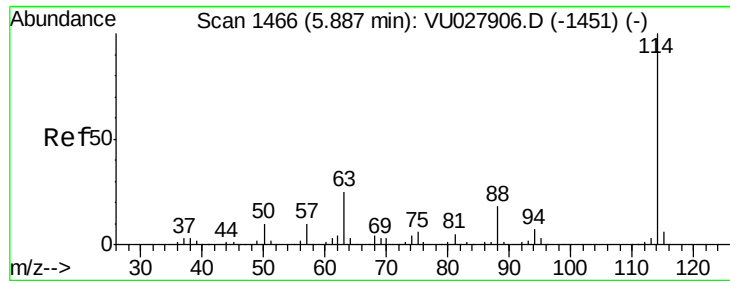
67 55.9 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VU027906.D (-1270) (-)

Ion 66.90 (66.60 to 67.60): VU027906.D (-1270) (-)

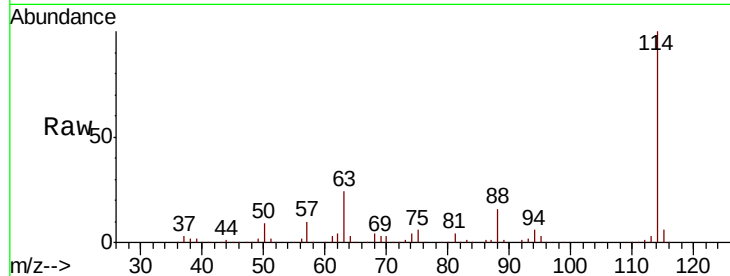




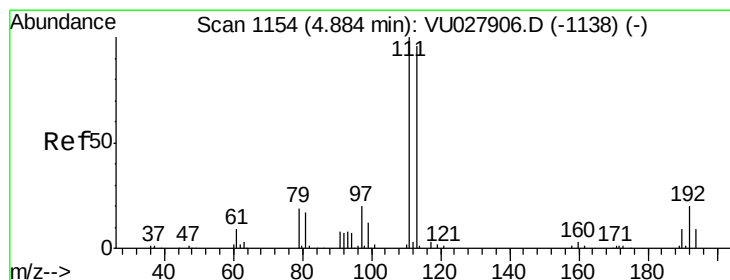
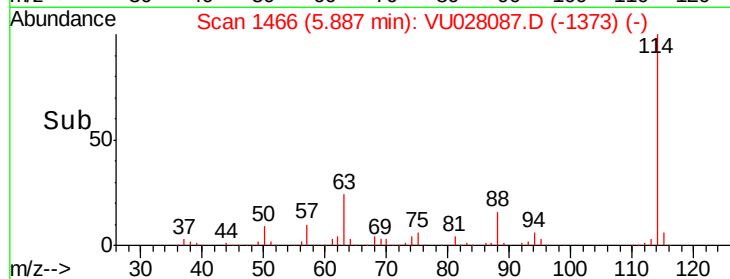
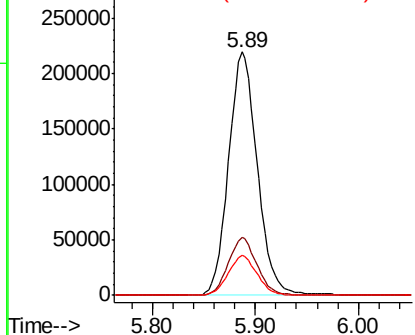
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU028087.D
 Acq: 13 Nov 2018 13:17

Instrument :
 MSVOA_U
 ClientSampled :
 TP-5-GW

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.7	0.0	50.8
88	16.4	0.0	35.8

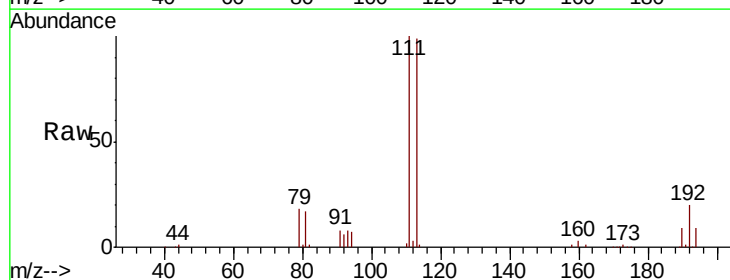


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

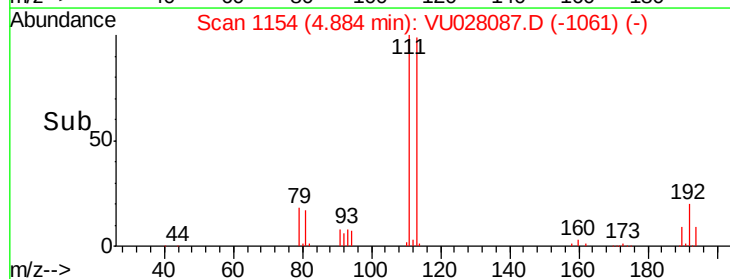
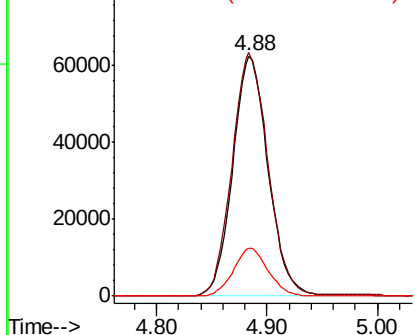


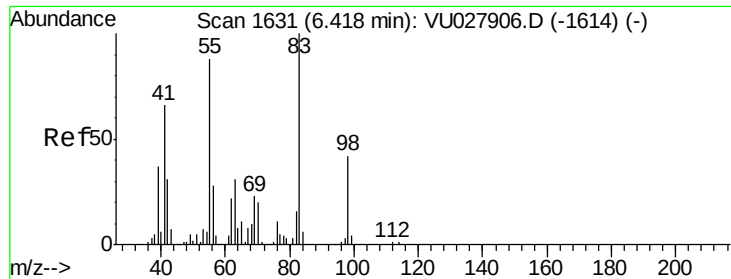
#35
 Dibromofluoromethane
 Concen: 51.698 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: VU028087.D
 Acq: 13 Nov 2018 13:17

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	83.0	124.6
192	19.7	15.6	23.4



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

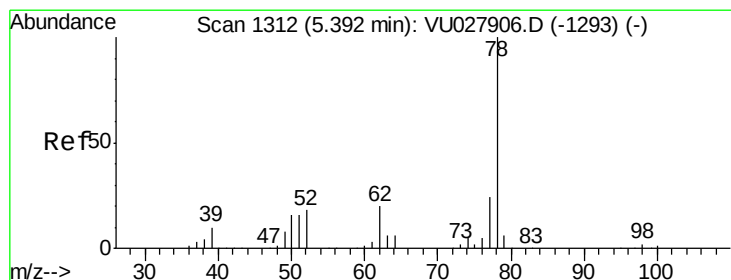
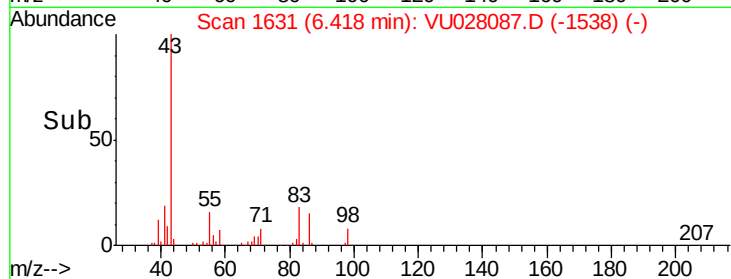
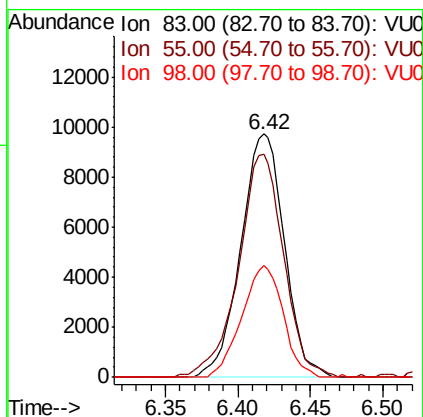
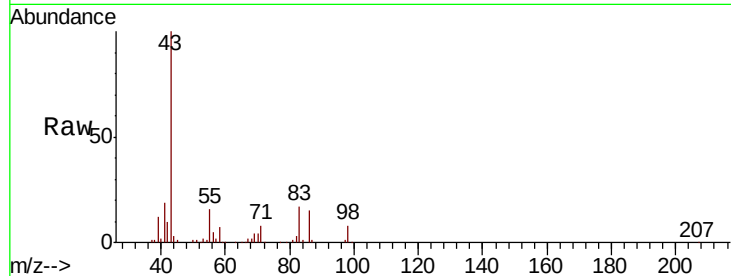




#39
Methylvlcyclohexane
Concen: 3.771 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VU028087.D
Acq: 13 Nov 2018 13:17

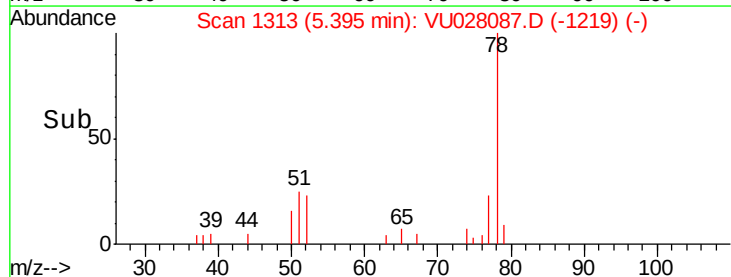
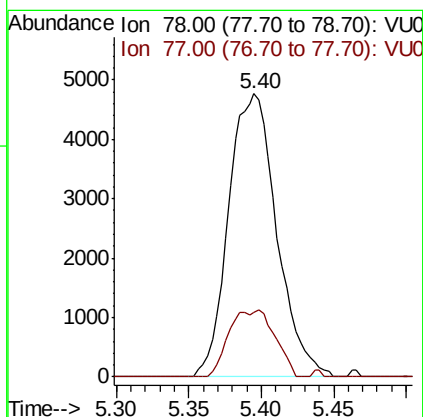
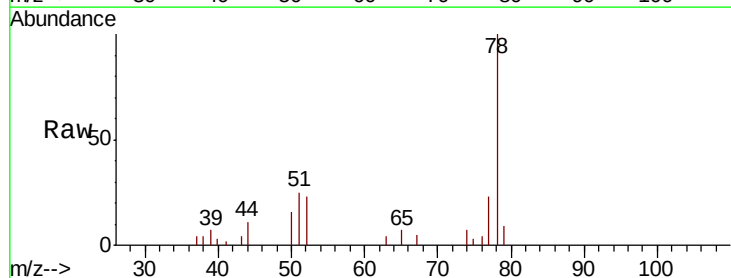
Instrument :
MSVOA_U
ClientSampleId :
TP-5-GW

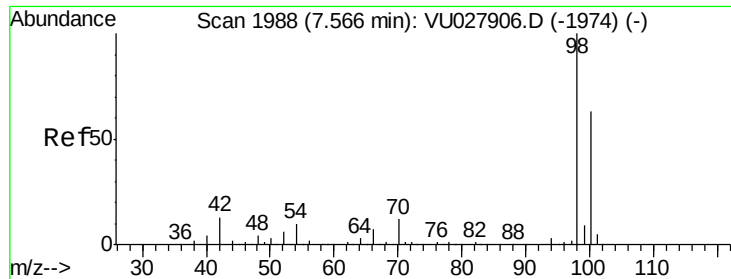
Tot Ion: 83 Resp: 20330
Ion Ratio Lower Upper
83 100
55 91.8 70.3 105.5
98 45.8 34.0 51.0



#40
Benzene
Concen: 0.803 ug/l
RT: 5.40 min Scan# 1313
Delta R.T. 0.00 min
Lab File: VU028087.D
Acq: 13 Nov 2018 13:17

Tgt Ion: 78 Resp: 10973
Ion Ratio Lower Upper
78 100
77 22.9 19.3 28.9

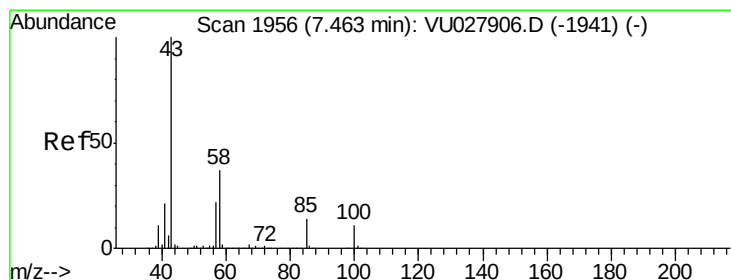
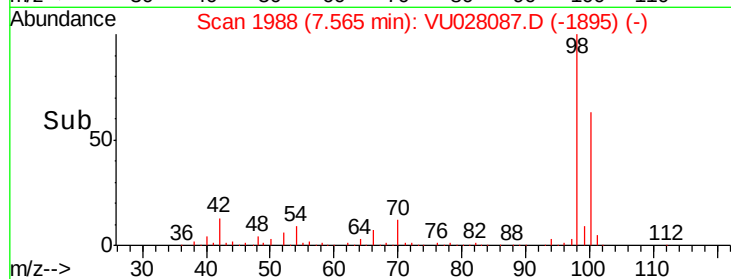
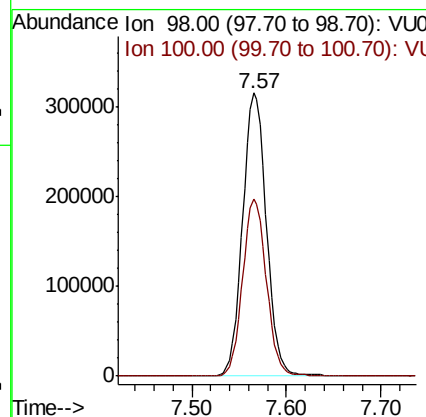
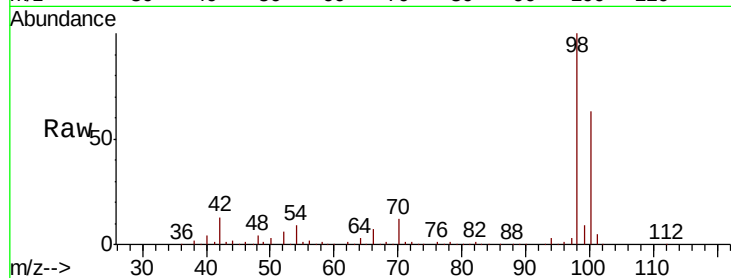




#50
Toluene-d8
Concen: 53.097 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU028087.D
Acq: 13 Nov 2018 13:17

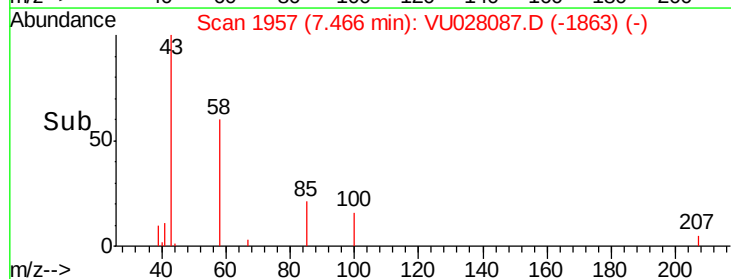
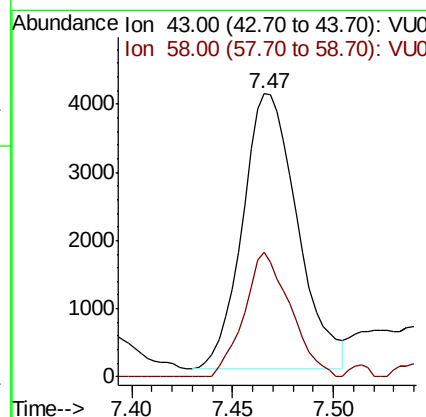
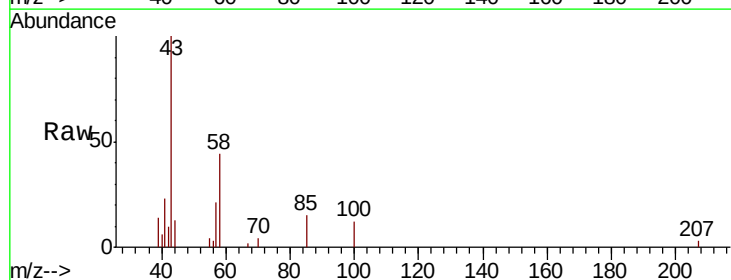
Instrument :
MSVOA_U
ClientSampleId :
TP-5-GW

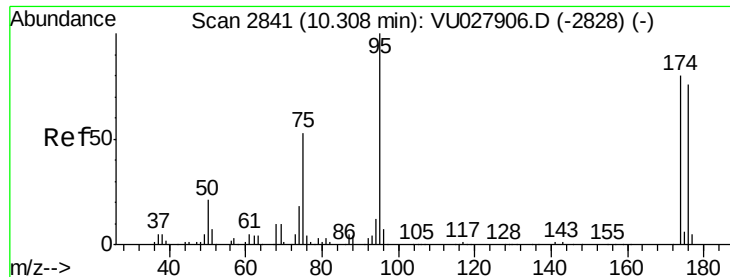
Tot Ion: 98 Resp: 552008
Ion Ratio Lower Upper
98 100
100 62.4 50.1 75.1



#51
4-Methyl-2-Pentanone
Concen: 1.123 ug/l
RT: 7.47 min Scan# 1957
Delta R.T. 0.00 min
Lab File: VU028087.D
Acq: 13 Nov 2018 13:17

Tgt Ion: 43 Resp: 7696
Ion Ratio Lower Upper
43 100
58 38.1 29.5 44.3





#62

4-Bromofluorobenzene

Concen: 48.998 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VU028087.D

Acq: 13 Nov 2018 13:17

Instrument :

MSVOA_U

ClientSampleId :

TP-5-GW

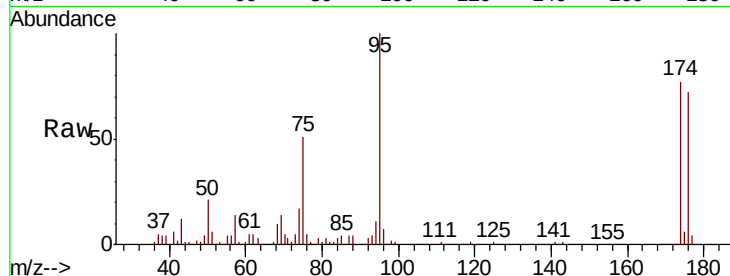
Tot Ion: 95 Resp: 187886

Ion Ratio Lower Upper

95 100

174 75.5 0.0 156.4

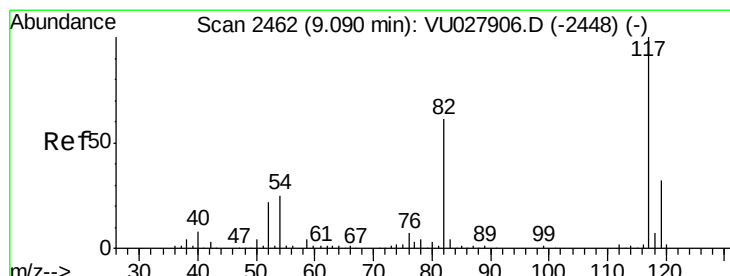
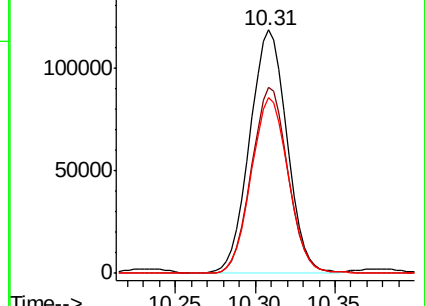
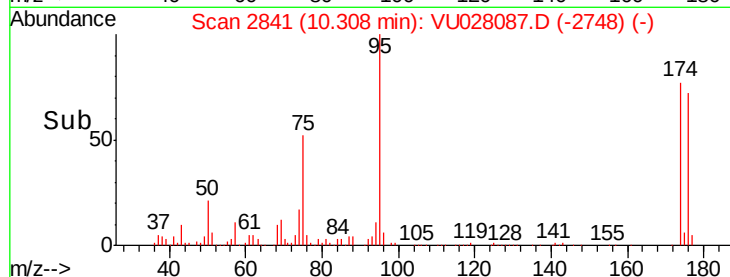
176 72.5 0.0 150.8



Abundance Ion 94.90 (94.60 to 95.60): VU027906.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU027906.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU027906.D (-2828) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. -0.00 min

Lab File: VU028087.D

Acq: 13 Nov 2018 13:17

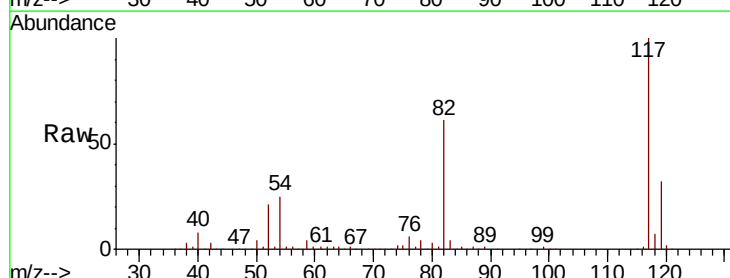
Tgt Ion: 117 Resp: 379719

Ion Ratio Lower Upper

117 100

82 60.9 48.6 73.0

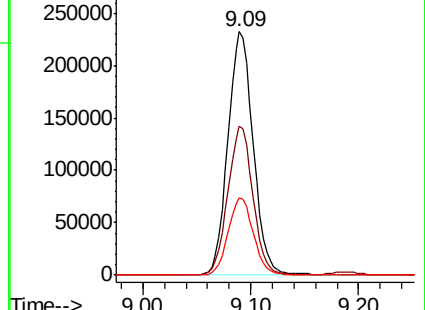
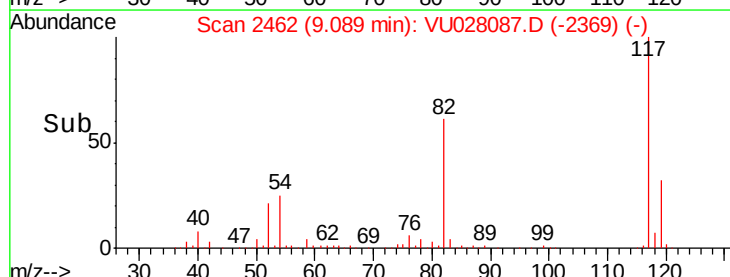
119 31.9 25.8 38.8

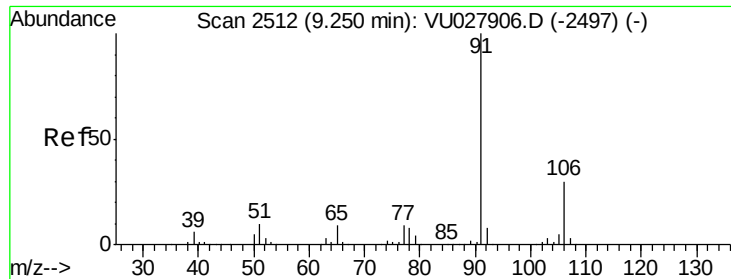


Abundance Ion 116.90 (116.60 to 117.60): VU027906.D (-2448) (-)

Ion 82.00 (81.70 to 82.70): VU027906.D (-2448) (-)

Ion 118.90 (118.60 to 119.60): VU027906.D (-2448) (-)

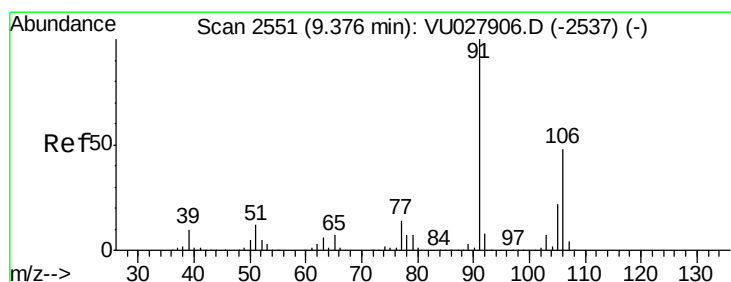
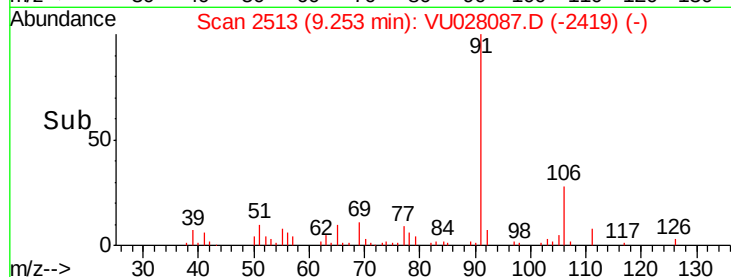
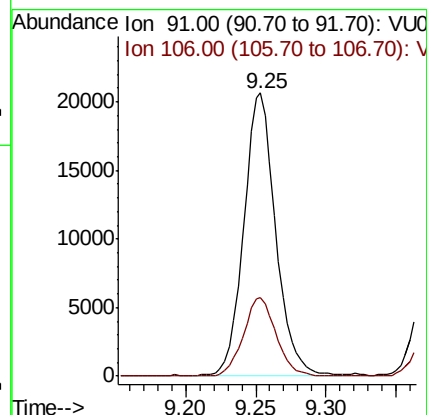
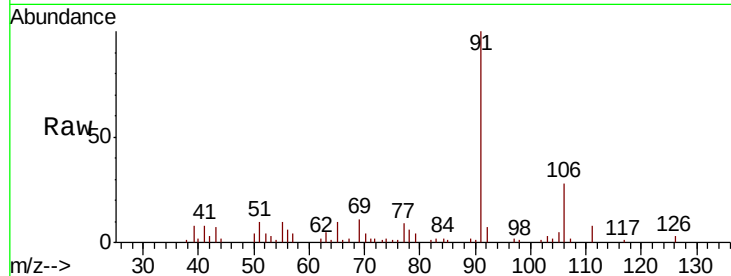




#67
Ethyl Benzene
Concen: 2.218 ug/l
RT: 9.25 min Scan# 2513
Delta R.T. 0.00 min
Lab File: VU028087.D
Acq: 13 Nov 2018 13:17

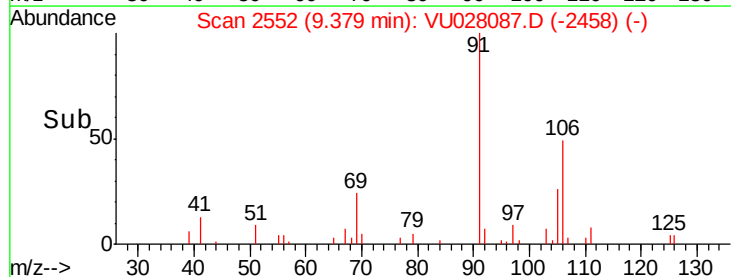
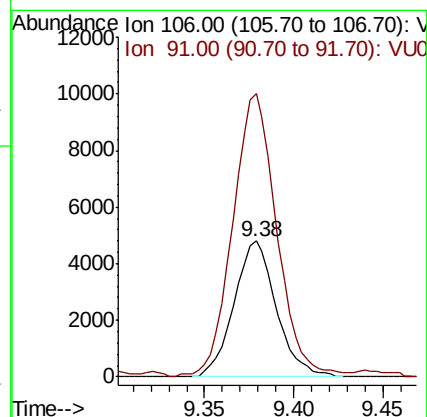
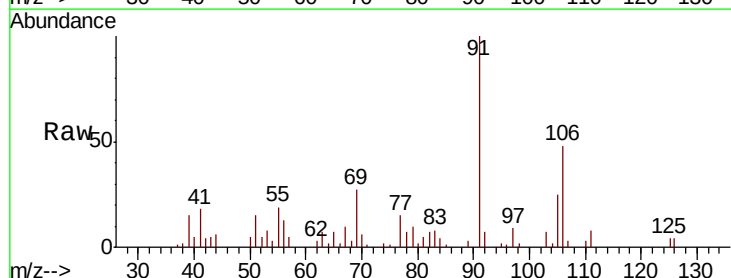
Instrument :
MSVOA_U
ClientSampleId :
TP-5-GW

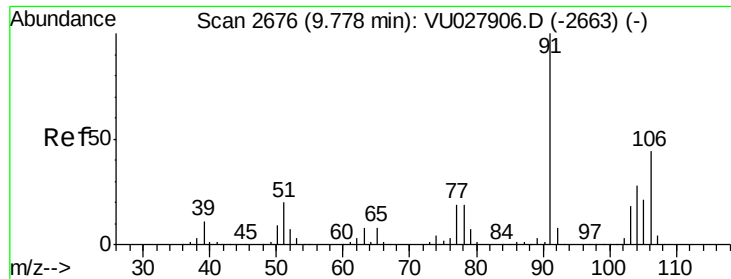
Tot Ion: 91 Resp: 32755
Ion Ratio Lower Upper
91 100
106 28.0 23.6 35.4



#68
m/p-Xylenes
Concen: 1.475 ug/l
RT: 9.38 min Scan# 2552
Delta R.T. 0.00 min
Lab File: VU028087.D
Acq: 13 Nov 2018 13:17

Tgt Ion: 106 Resp: 7903
Ion Ratio Lower Upper
106 100
91 218.2 168.2 252.4

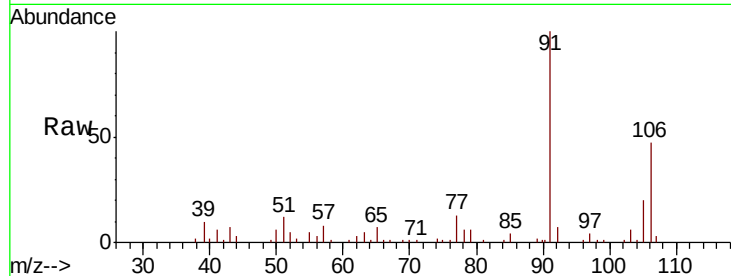




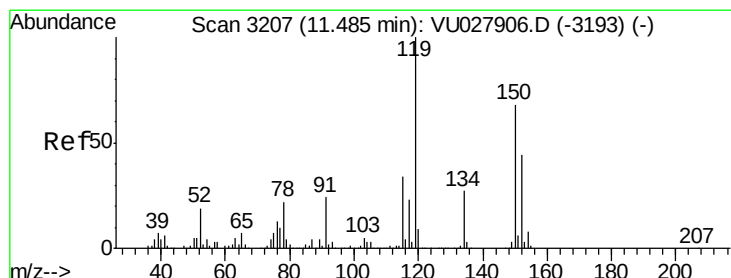
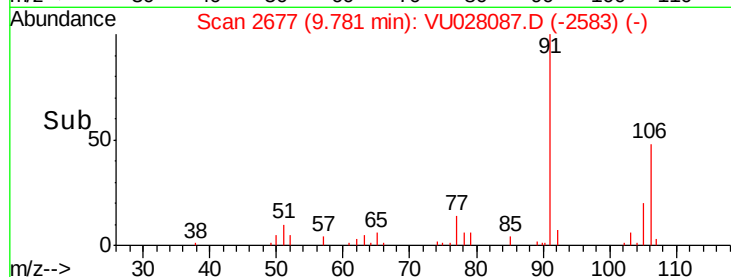
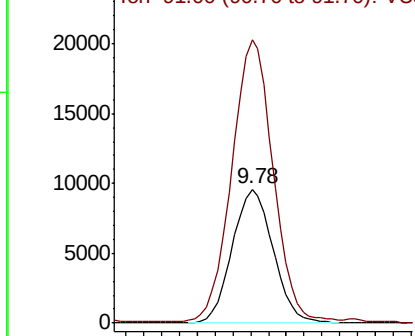
#69
o-Xylene
Concen: 2.825 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU028087.D
Acq: 13 Nov 2018 13:17

Instrument :
MSVOA_U
ClientSampleId :
TP-5-GW

Tot Ion:106 Resp: 15284
Ion Ratio Lower Upper
106 100
91 210.8 111.1 333.4

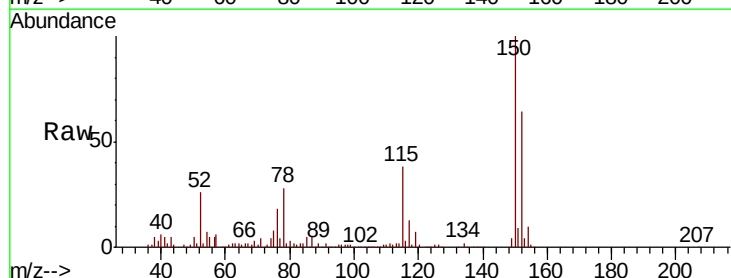


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

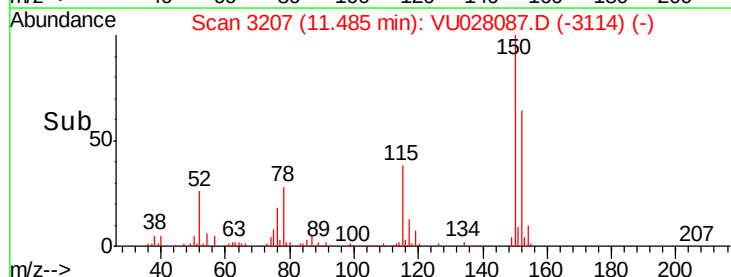
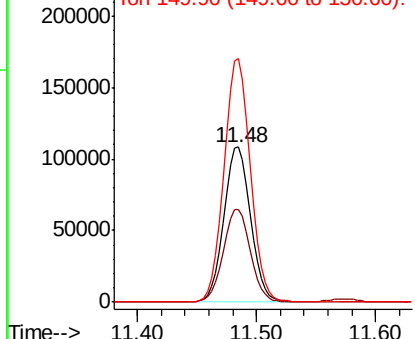


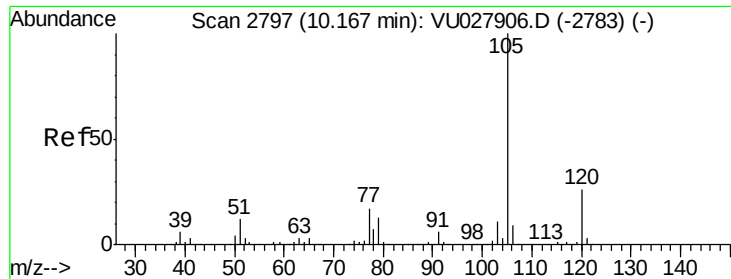
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU028087.D
Acq: 13 Nov 2018 13:17

Tgt Ion:152 Resp: 167906
Ion Ratio Lower Upper
152 100
115 60.4 43.0 129.0
150 155.8 0.0 349.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 13.649 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. -0.00 min

Lab File: VU028087.D

Acq: 13 Nov 2018 13:17

Instrument :

MSVOA_U

ClientSampleId :

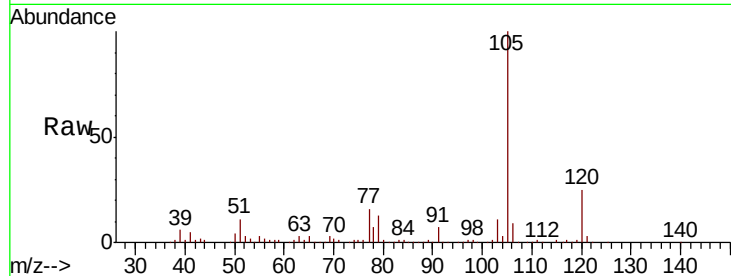
TP-5-GW

Tot Ion:105 Resp: 177536

Ion Ratio Lower Upper

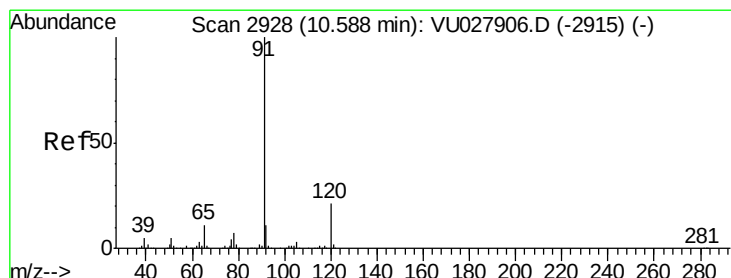
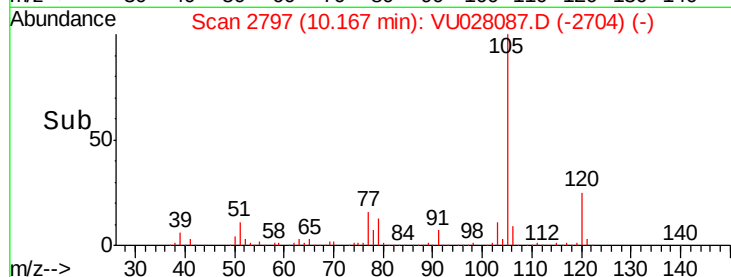
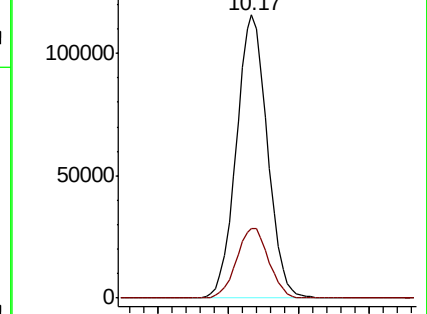
105 100

120 25.6 12.7 38.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 19.541 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. -0.00 min

Lab File: VU028087.D

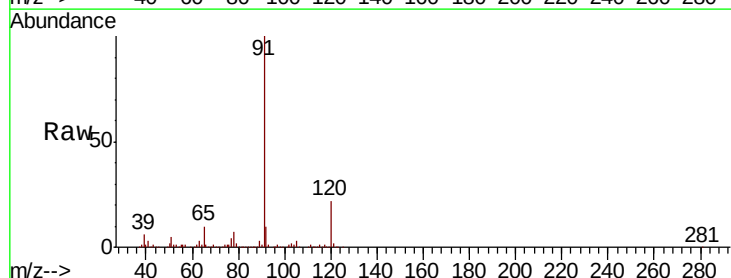
Acq: 13 Nov 2018 13:17

Tgt Ion: 91 Resp: 304244

Ion Ratio Lower Upper

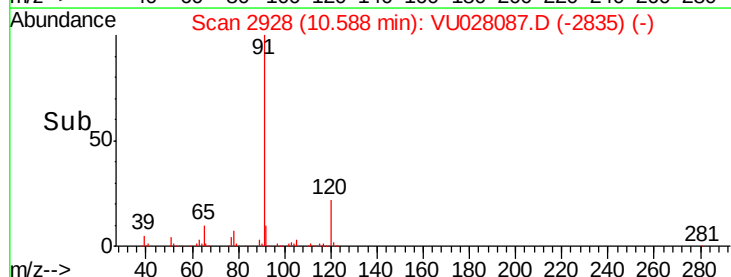
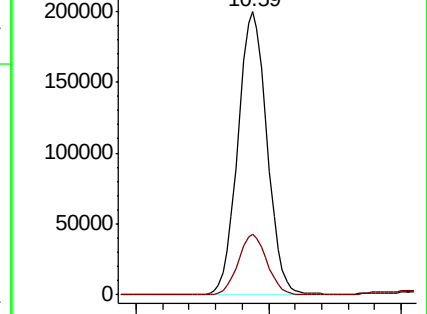
91 100

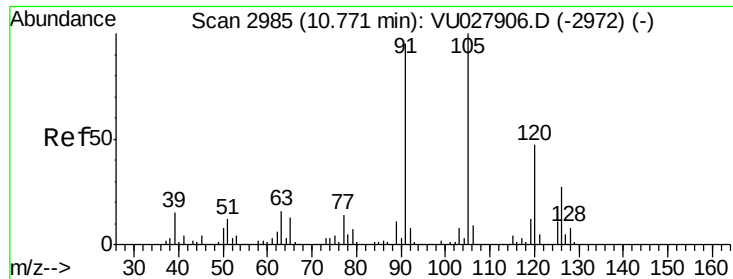
120 21.3 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#80

1,3,5-Trimethylbenzene

Concen: 1.647 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. 0.00 min

Lab File: VU028087.D

Acq: 13 Nov 2018 13:17

Instrument :

MSVOA_U

ClientSampleId :

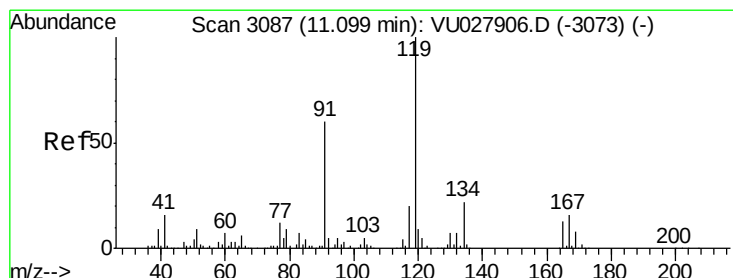
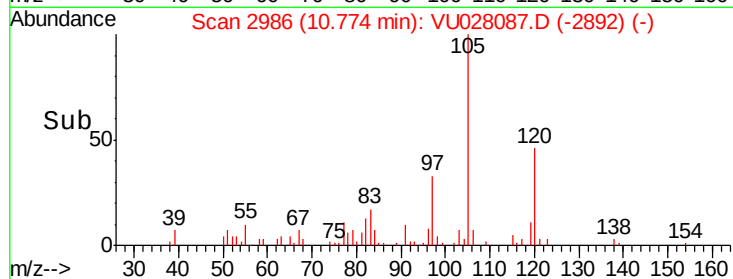
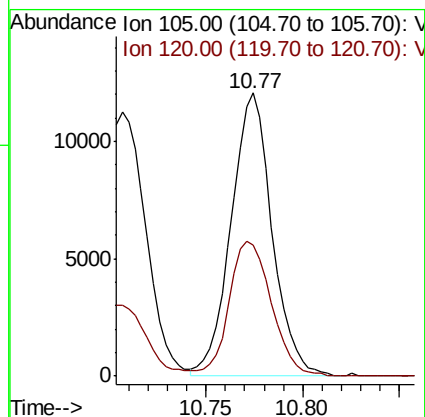
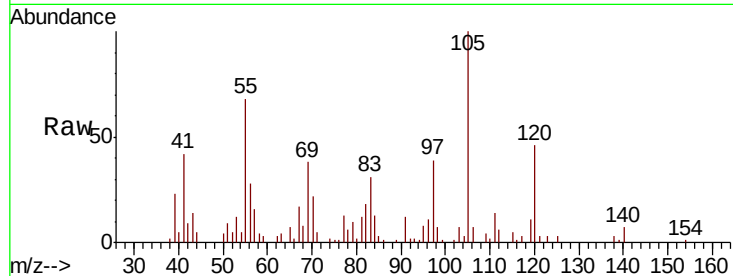
TP-5-GW

Tot Ion:105 Resp: 17744

Ion Ratio Lower Upper

105 100

120 49.2 23.3 69.9



#83

tert-Butylbenzene

Concen: 1.217 ug/l

RT: 11.10 min Scan# 3087

Delta R.T. -0.00 min

Lab File: VU028087.D

Acq: 13 Nov 2018 13:17

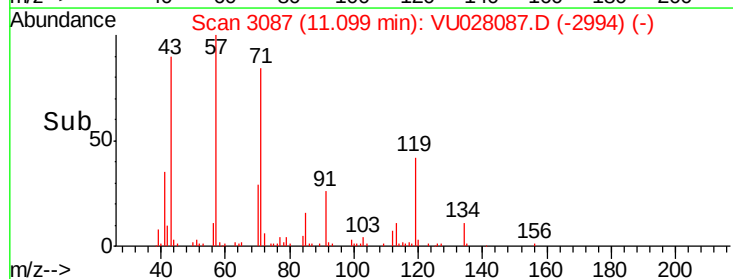
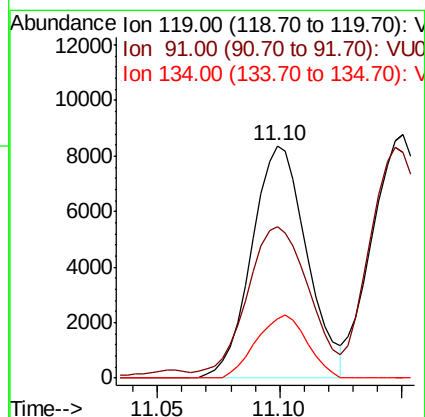
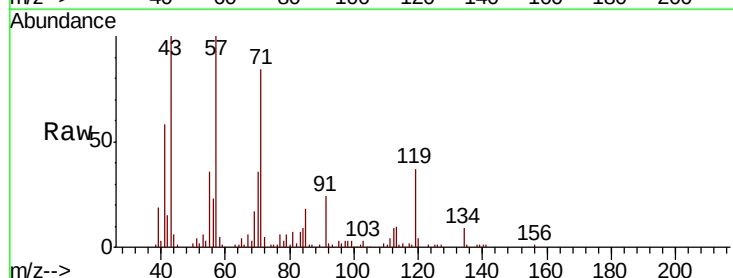
Tgt Ion:119 Resp: 13105

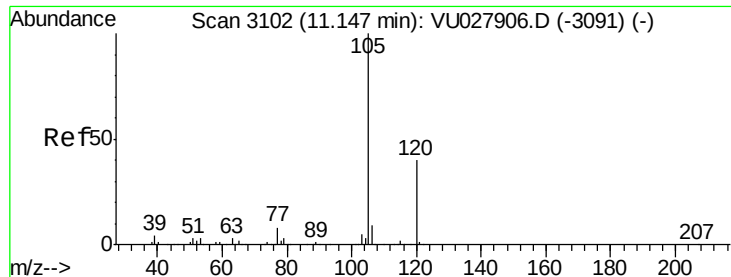
Ion Ratio Lower Upper

119 100

91 67.8 29.8 89.3

134 24.9 11.1 33.1

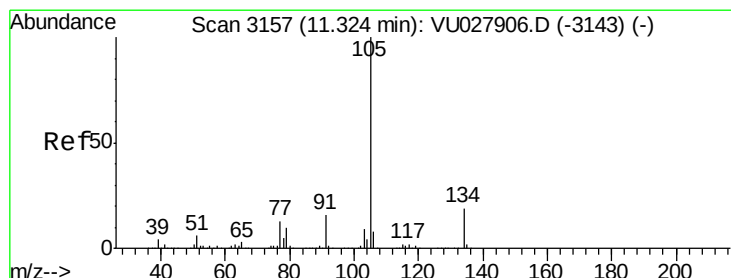
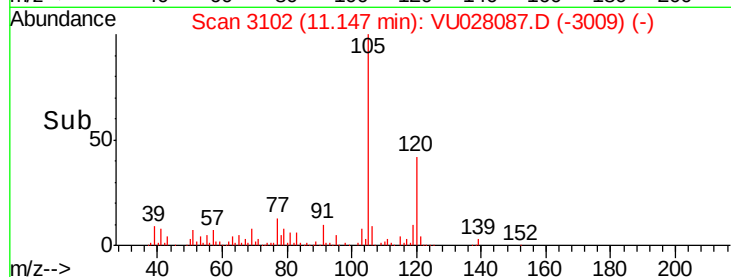
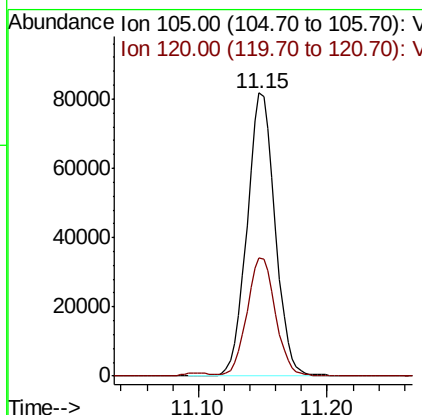
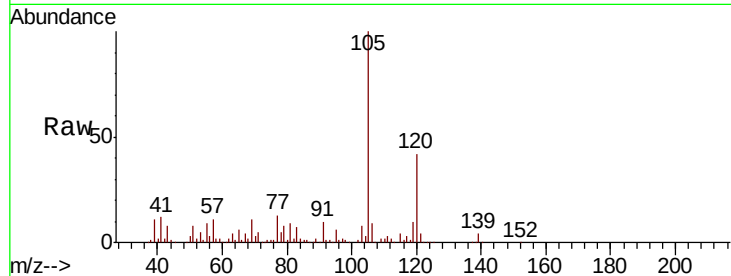




#84
 1,2,4-Trimethylbenzene
 Concen: 11.405 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. -0.00 min
 Lab File: VU028087.D
 Acq: 13 Nov 2018 13:17

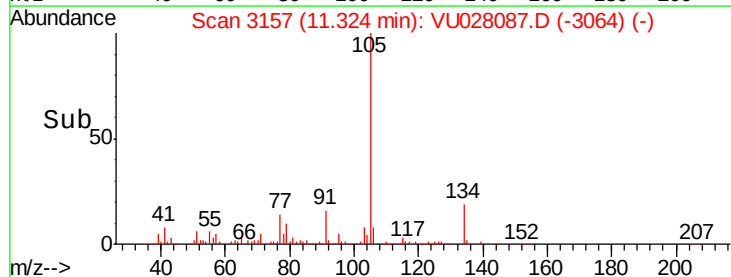
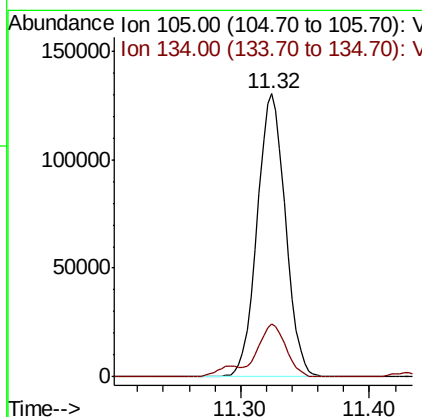
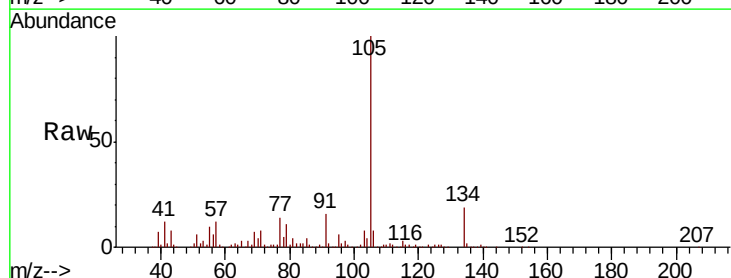
Instrument :
 MSVOA_U
 ClientSampleId :
 TP-5-GW

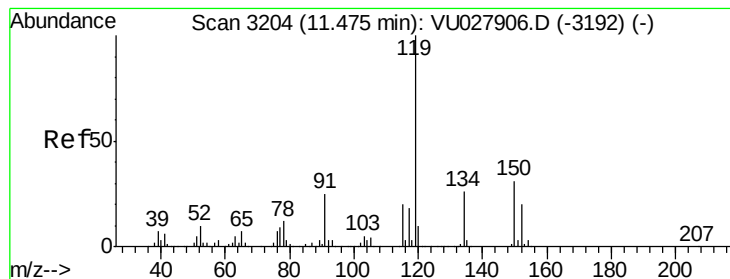
Tot Ion:105 Resp: 123746
 Ion Ratio Lower Upper
 105 100
 120 42.5 22.1 66.1



#85
 sec-Butylbenzene
 Concen: 15.207 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. -0.00 min
 Lab File: VU028087.D
 Acq: 13 Nov 2018 13:17

Tgt Ion:105 Resp: 199221
 Ion Ratio Lower Upper
 105 100
 134 18.4 9.2 27.6





#86

p-Isopropyltoluene

Concen: 2.547 ug/l

RT: 11.48 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VU028087.D

Acq: 13 Nov 2018 13:17

Instrument :

MSVOA_U

ClientSampleId :

TP-5-GW

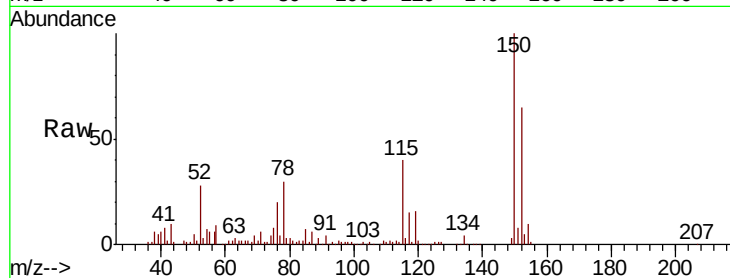
Tot Ion:119 Resp: 27893

Ion Ratio Lower Upper

119 100

134 25.5 12.9 38.7

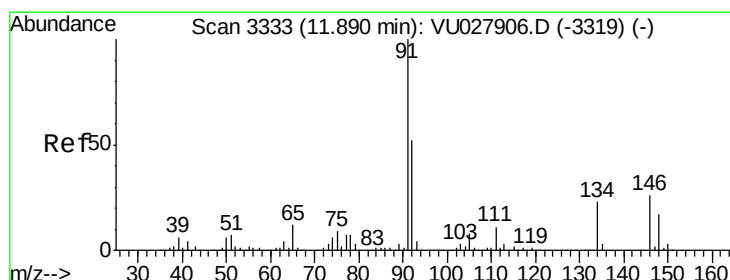
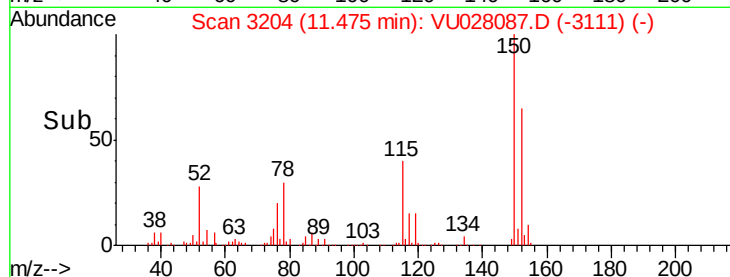
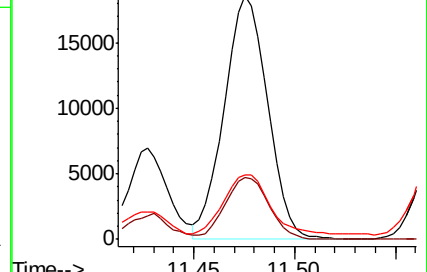
91 25.5 12.4 37.2



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



#89

n-Butylbenzene

Concen: 12.823 ug/l

RT: 11.89 min Scan# 3333

Delta R.T. -0.00 min

Lab File: VU028087.D

Acq: 13 Nov 2018 13:17

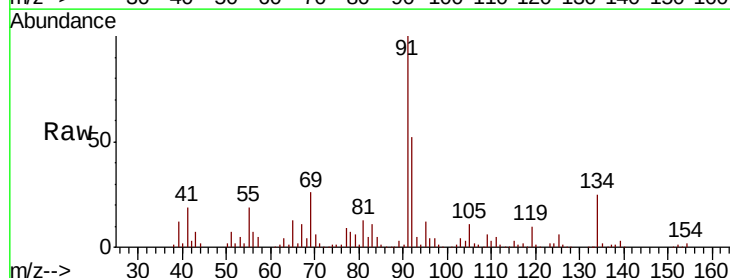
Tgt Ion: 91 Resp: 133466

Ion Ratio Lower Upper

91 100

92 46.7 26.2 78.5

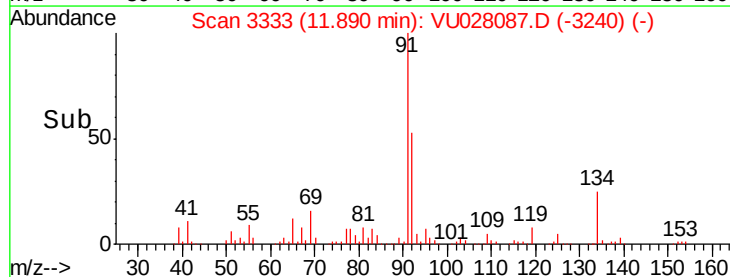
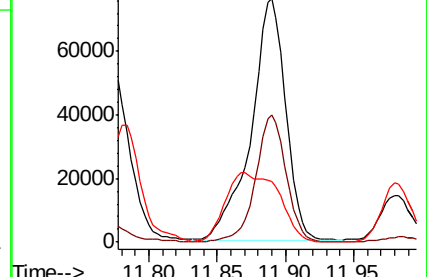
134 0.0 11.5 34.5#

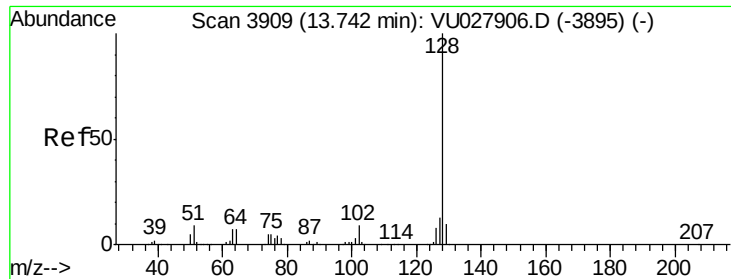


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V





#95

Naphthalene

Concen: 35.464 ug/l

RT: 13.74 min Scan# 3909

Delta R.T. -0.00 min

Lab File: VU028087.D

Acq: 13 Nov 2018 13:17

Instrument :

MSVOA_U

ClientSampleId :

TP-5-GW

Tot Ion:128 Resp: 489173

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 13.0 8.3 12.5#

