

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU010519\
 Data File : VU029037.D
 Acq On : 04 Jan 2019 19:06
 Operator : MD/SY
 Sample : K1061-01 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TRE-COMP-1

Quant Time: Jan 05 04:32:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 04 02:22:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	114485	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	194213	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	176623	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	73128	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	75323	53.22	ug/l	0.00
Spiked Amount			Recovery	=	106.44%	
35) Dibromofluoromethane	4.88	113	65868	52.32	ug/l	0.00
Spiked Amount			Recovery	=	104.64%	
50) Toluene-d8	7.56	98	242720	48.84	ug/l	0.00
Spiked Amount			Recovery	=	97.68%	
62) 4-Bromofluorobenzene	10.30	95	76915	43.06	ug/l	0.00
Spiked Amount			Recovery	=	86.12%	

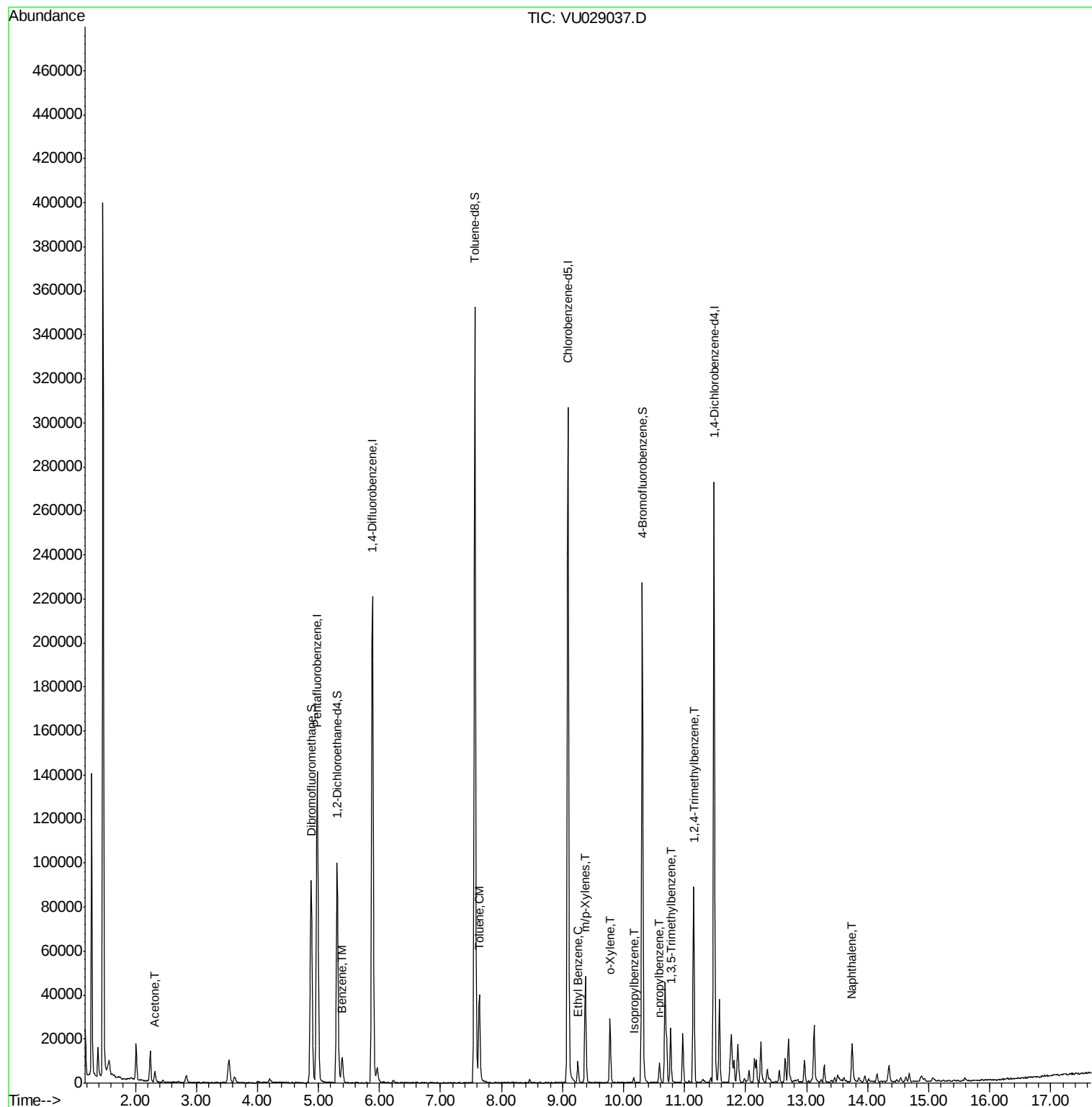
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.32	43	5522	6.194	ug/l	100
40) Benzene	5.39	78	11680	1.929	ug/l	99
52) Toluene	7.64	92	16602	4.504	ug/l	100
67) Ethyl Benzene	9.25	91	7669	1.160	ug/l	100
68) m/p-Xylenes	9.37	106	14767	5.750	ug/l	97
69) o-Xylene	9.78	106	8014	3.238	ug/l	93
73) Isopropylbenzene	10.17	105	1759	0.325	ug/l	93
78) n-propylbenzene	10.59	91	8242	1.292	ug/l	92
80) 1,3,5-Trimethylbenzene	10.77	105	14087	3.117	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	49264	10.916	ug/l	100
95) Naphthalene	13.75	128	17370	3.069	ug/l	99

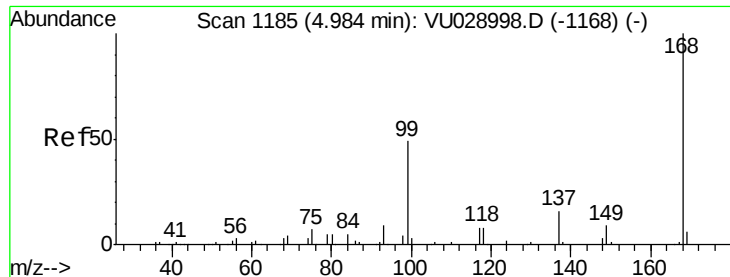
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU010519\
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Instrument :
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TRE-COMP-1

Quant Time: Jan 05 04:32:11 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
Quant Title : SW846 8260
QLast Update : Fri Jan 04 02:22:53 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. 0.00 min

Lab File: VU029037.D

Acq: 04 Jan 2019 19:06

Instrument :

MSVOA_U

ClientSampleId :

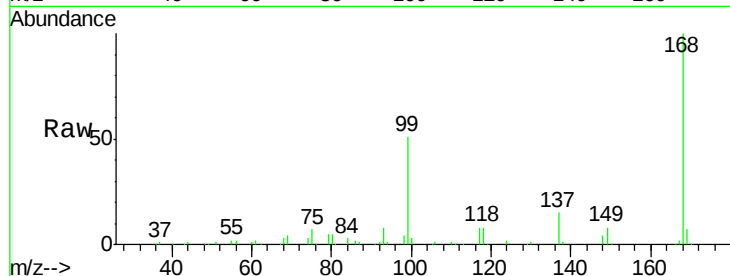
TRE-COMP-1

Tot Ion:168 Resp: 114485

Ion Ratio Lower Upper

168 100

99 51.1 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VU028998.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU028998.D (-1168) (-)

4.98

60000

50000

40000

30000

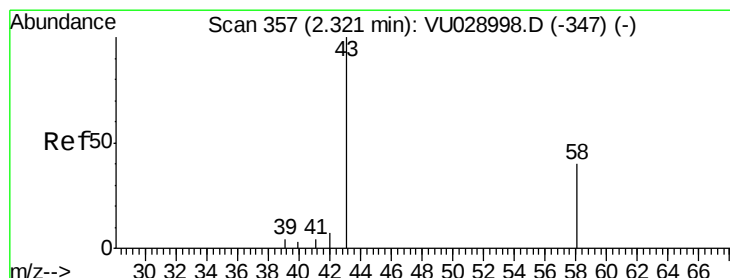
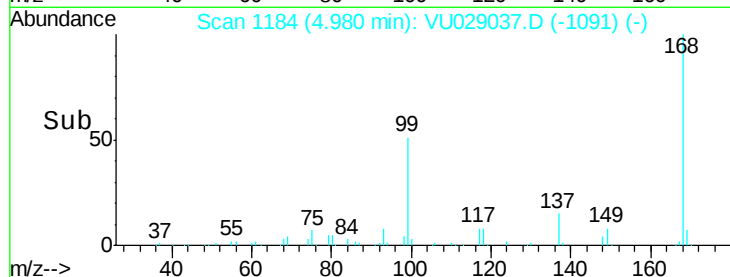
20000

10000

0

4.90 4.95 5.00 5.05

Time-->



#16

Acetone

Concen: 6.194 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU029037.D

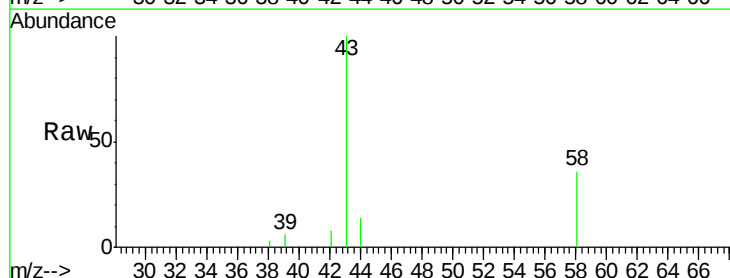
Acq: 04 Jan 2019 19:06

Tgt Ion: 43 Resp: 5522

Ion Ratio Lower Upper

43 100

58 35.9 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VU028998.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VU028998.D (-347) (-)

2.32

8000

6000

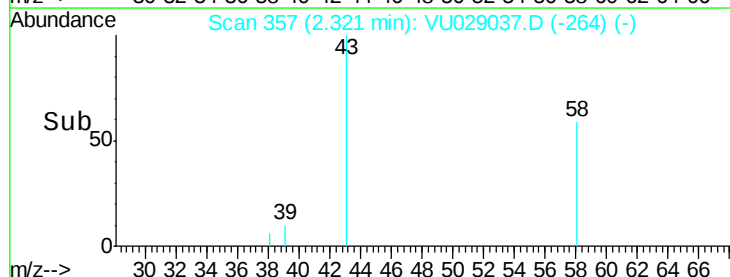
4000

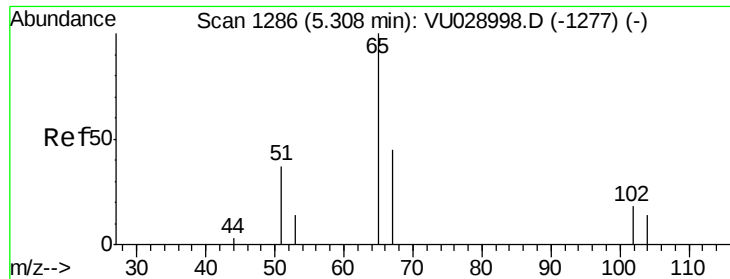
2000

0

2.25 2.30 2.35

Time-->

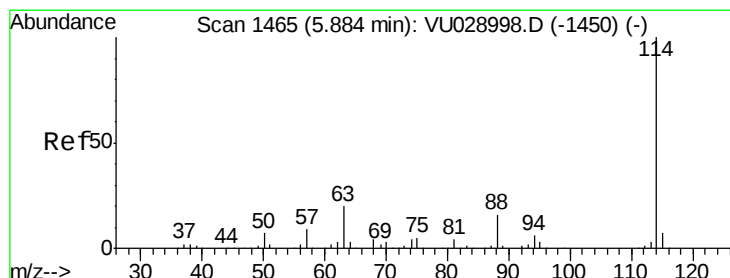
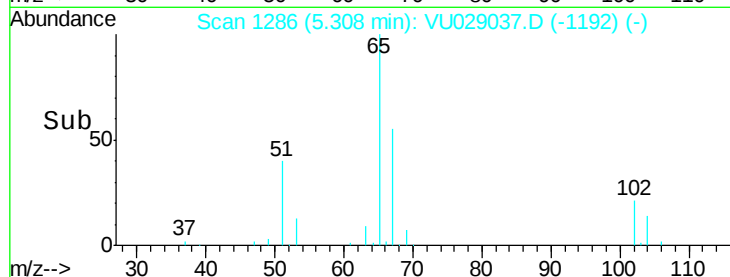
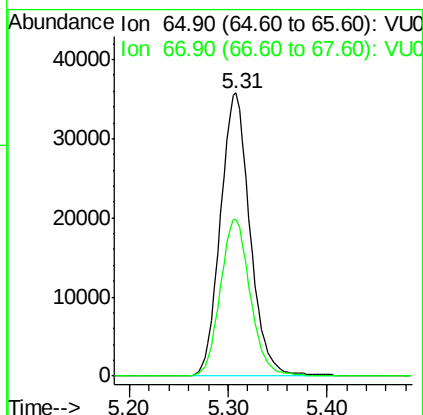
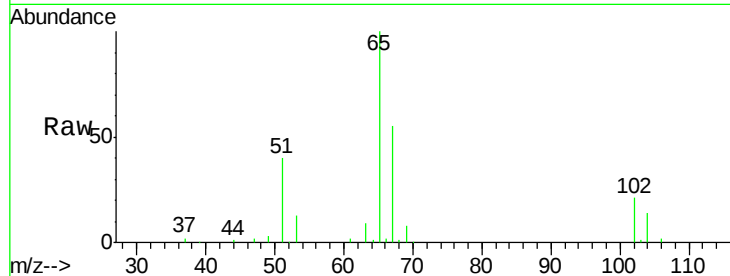




#33
 1,2-Dichloroethane-d4
 Concen: 53.222 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: VU029037.D
 Acq: 04 Jan 2019 19:06

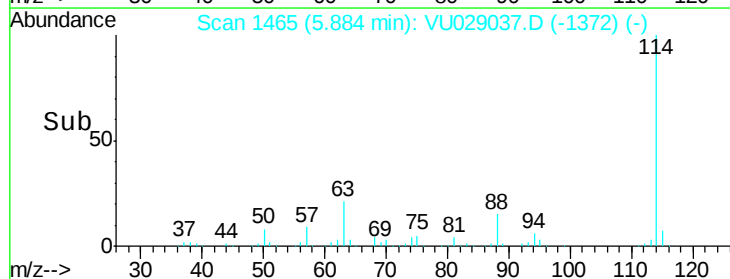
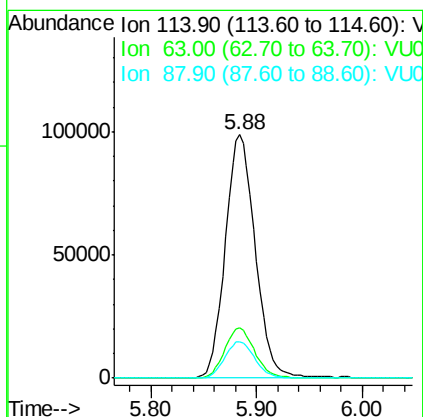
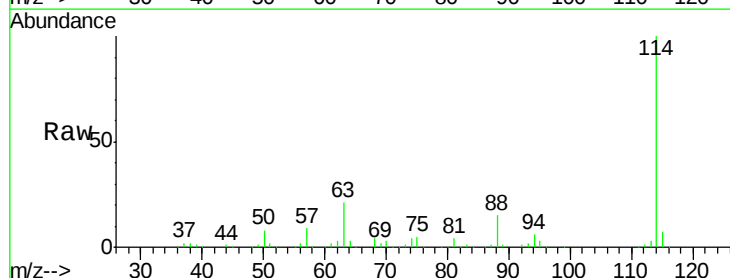
Instrument :
 MSVOA_U
 ClientSampleId :
 TRE-COMP-1

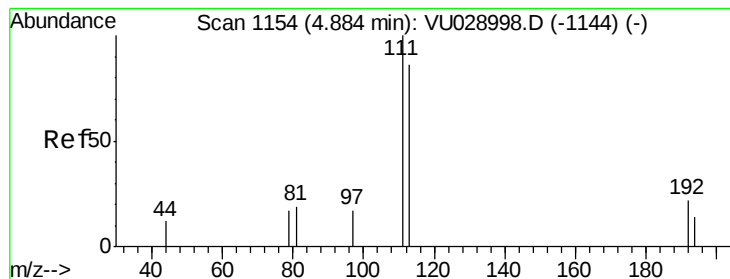
Tot Ion: 65 Resp: 75323
 Ion Ratio Lower Upper
 65 100
 67 55.9 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: VU029037.D
 Acq: 04 Jan 2019 19:06

Tgt Ion: 114 Resp: 194213
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 40.2
 88 15.0 0.0 30.4





#35

Dibromofluoromethane

Concen: 52.320 ug/l

RT: 4.88 min Scan# 1153

Delta R.T. 0.00 min

Lab File: VU029037.D

Acq: 04 Jan 2019 19:06

Instrument :

MSVOA_U

ClientSampleId :

TRE-COMP-1

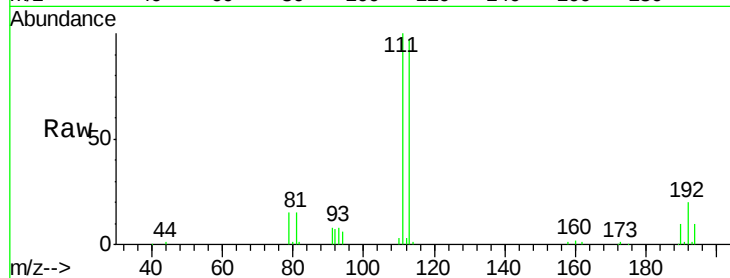
Tot Ion:113 Resp: 65868

Ion Ratio Lower Upper

113 100

111 102.6 81.4 122.2

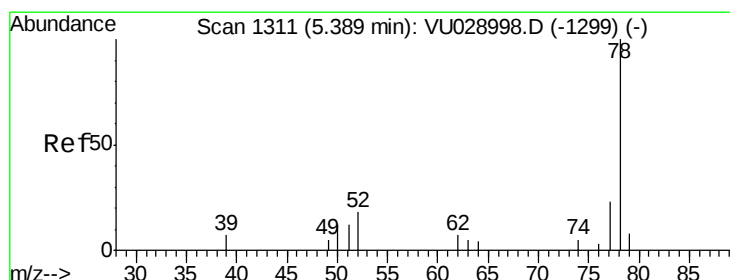
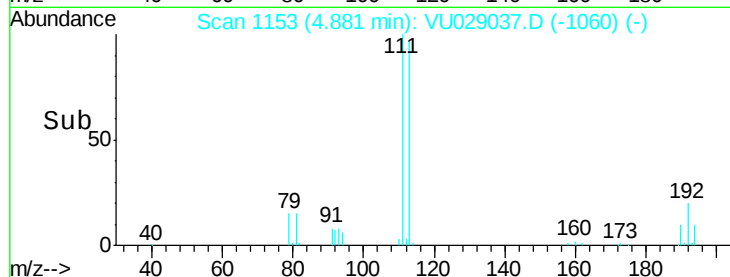
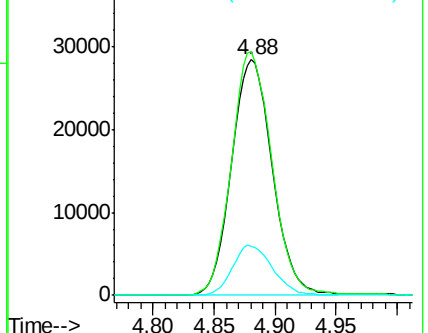
192 20.8 16.8 25.2



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



#40

Benzene

Concen: 1.929 ug/l

RT: 5.39 min Scan# 1312

Delta R.T. 0.01 min

Lab File: VU029037.D

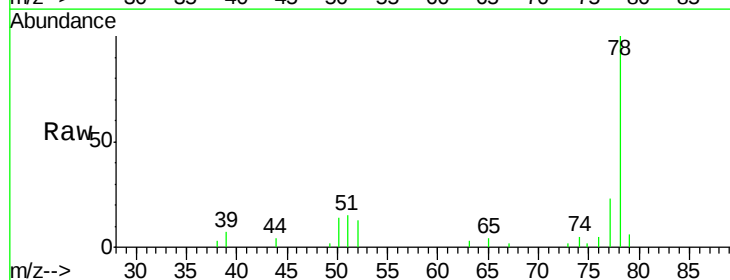
Acq: 04 Jan 2019 19:06

Tgt Ion: 78 Resp: 11680

Ion Ratio Lower Upper

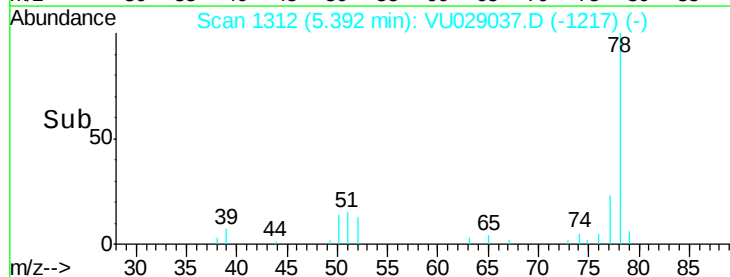
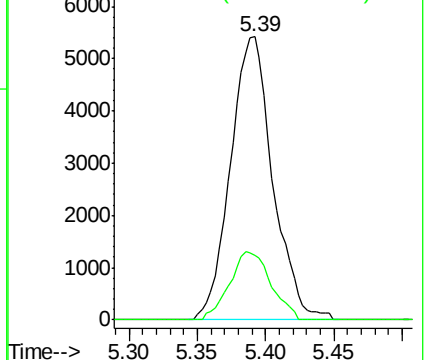
78 100

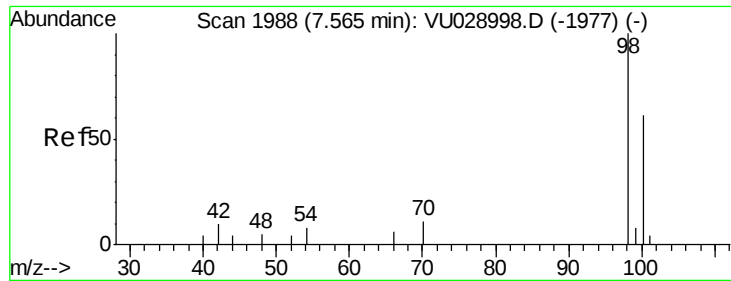
77 23.0 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

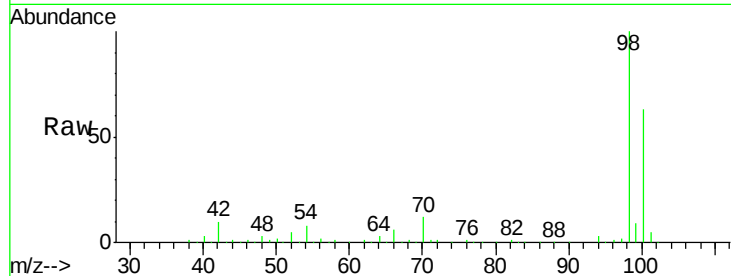




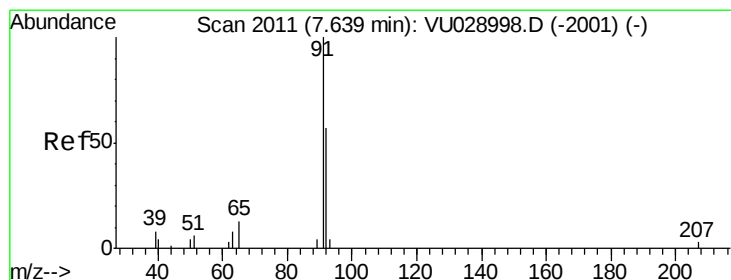
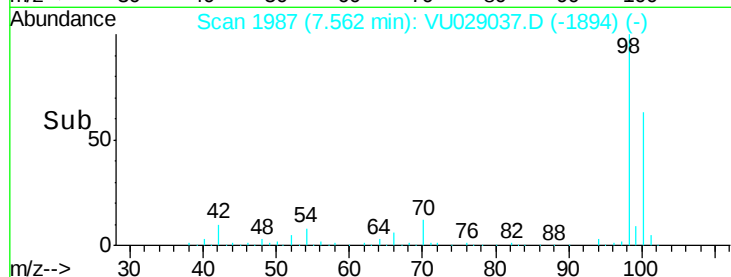
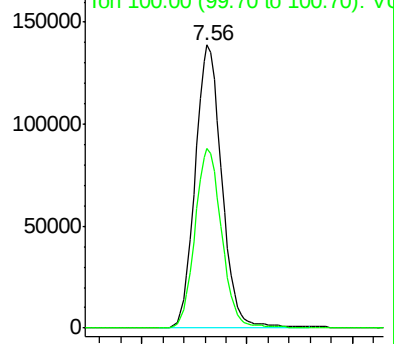
#50
Toluene-d8
Concen: 48.835 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VU029037.D
Acq: 04 Jan 2019 19:06

Instrument :
MSVOA_U
ClientSampleId :
TRE-COMP-1

Tot Ion: 98 Resp: 242720
Ion Ratio Lower Upper
98 100
100 63.5 51.6 77.4

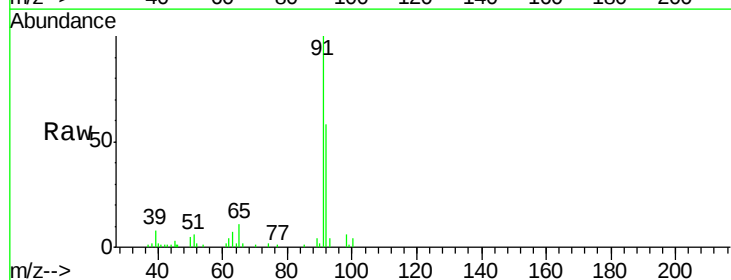


Abundance Ion 98.00 (97.70 to 98.70): VU028998.D (-1977) (-)
Ion 100.00 (99.70 to 100.70): VU029037.D (-1894) (-)

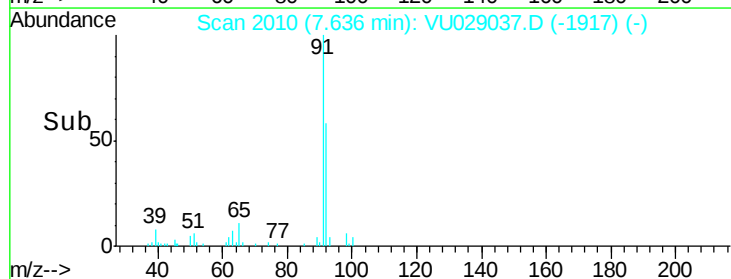
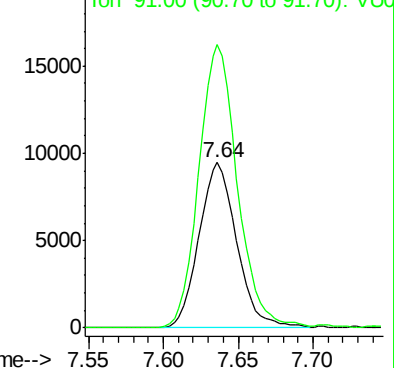


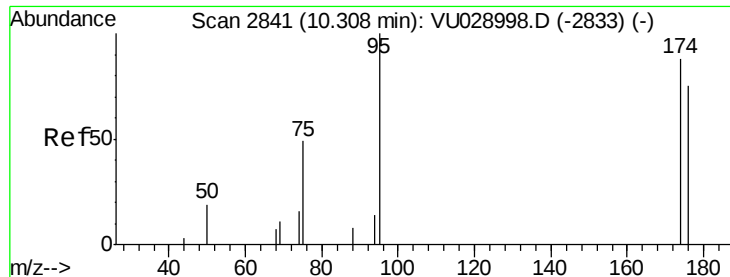
#52
Toluene
Concen: 4.504 ug/l
RT: 7.64 min Scan# 2010
Delta R.T. 0.00 min
Lab File: VU029037.D
Acq: 04 Jan 2019 19:06

Tgt Ion: 92 Resp: 16602
Ion Ratio Lower Upper
92 100
91 174.9 139.8 209.8



Abundance Ion 92.00 (91.70 to 92.70): VU028998.D (-2001) (-)
Ion 91.00 (90.70 to 91.70): VU029037.D (-1917) (-)





#62

4-Bromofluorobenzene

Concen: 43.061 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VU029037.D

Acq: 04 Jan 2019 19:06

Instrument :

MSVOA_U

ClientSampleId :

TRE-COMP-1

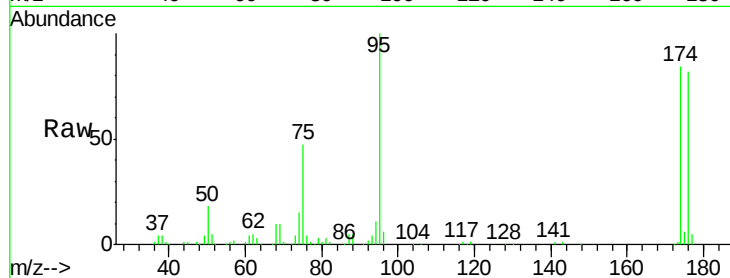
Tot Ion: 95 Resp: 76915

Ion Ratio Lower Upper

95 100

174 84.4 0.0 170.6

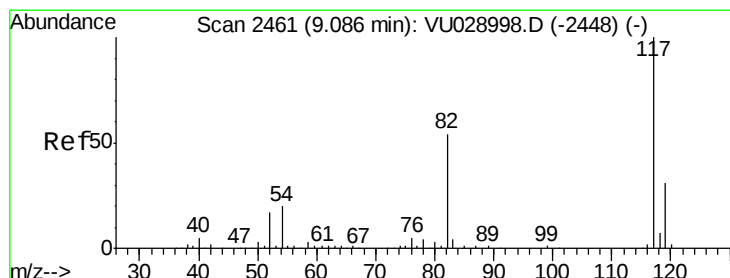
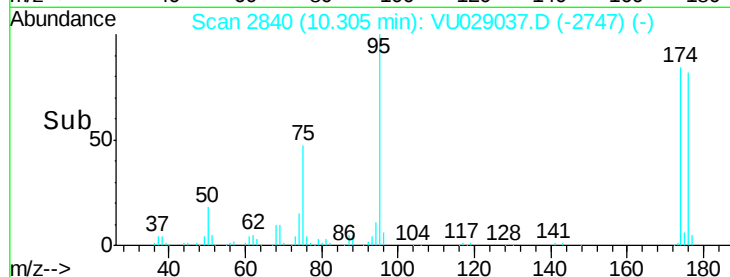
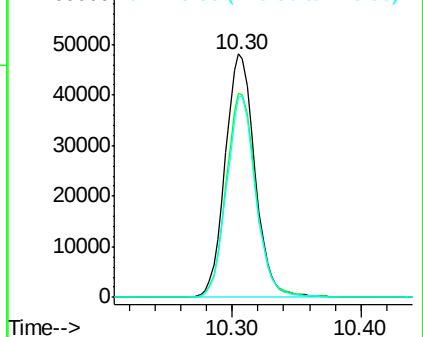
176 81.1 0.0 165.0



Abundance Ion 94.90 (94.60 to 95.60): VU028998.D (-2833) (-)

Ion 173.80 (173.50 to 174.50): VU028998.D (-2833) (-)

Ion 175.80 (175.50 to 176.50): VU028998.D (-2833) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2461

Delta R.T. 0.00 min

Lab File: VU029037.D

Acq: 04 Jan 2019 19:06

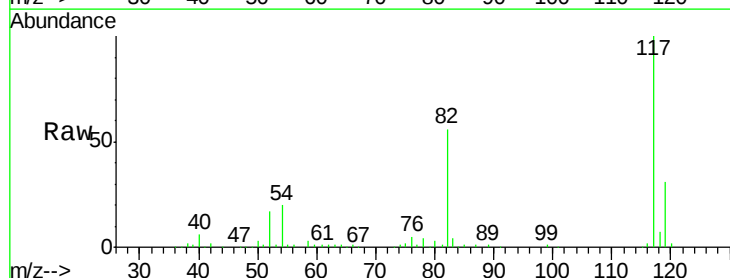
Tgt Ion: 117 Resp: 176623

Ion Ratio Lower Upper

117 100

82 56.1 43.9 65.9

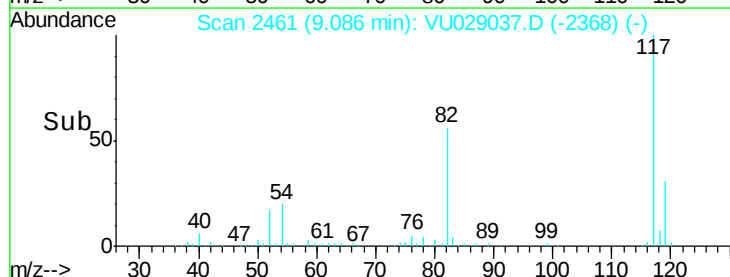
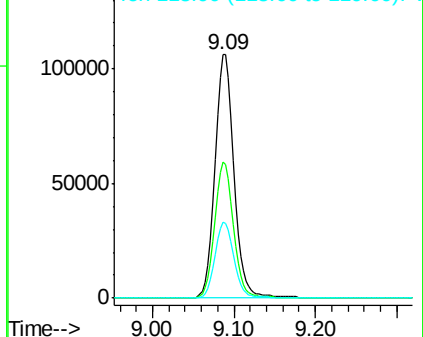
119 31.0 26.0 39.0

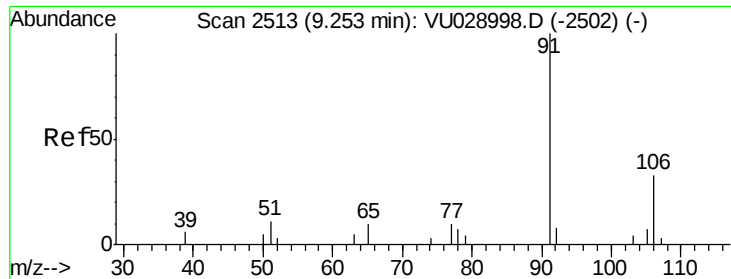


Abundance Ion 116.90 (116.60 to 117.60): VU028998.D (-2448) (-)

Ion 82.00 (81.70 to 82.70): VU028998.D (-2448) (-)

Ion 118.90 (118.60 to 119.60): VU028998.D (-2448) (-)

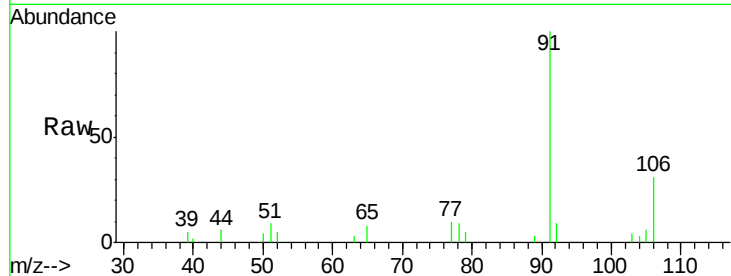




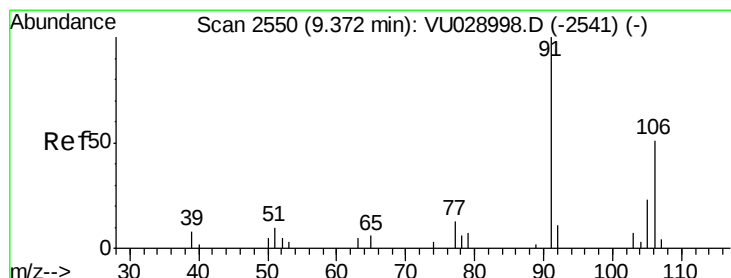
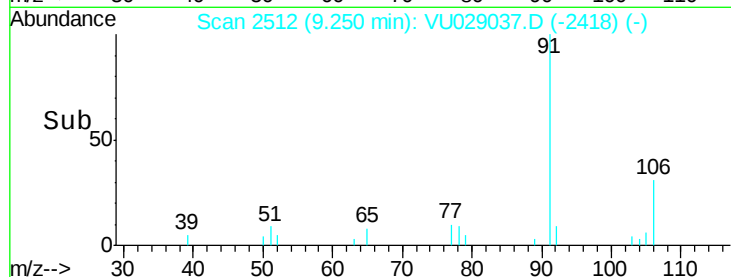
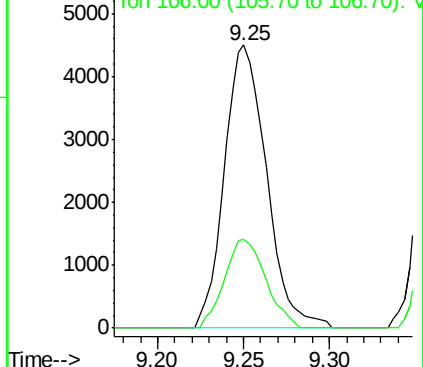
#67
Ethyl Benzene
Concen: 1.160 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU029037.D
Acq: 04 Jan 2019 19:06

Instrument :
MSVOA_U
ClientSampleId :
TRE-COMP-1

Tot Ion: 91 Resp: 7669
Ion Ratio Lower Upper
91 100
106 31.4 25.0 37.4

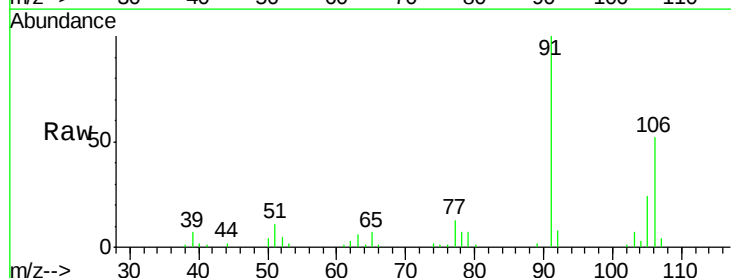


Abundance Ion 91.00 (90.70 to 91.70): VU028998.D (-2502) (-)
Ion 106.00 (105.70 to 106.70): VU028998.D (-2502) (-)

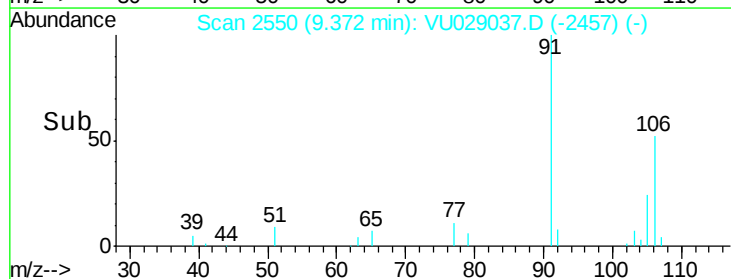
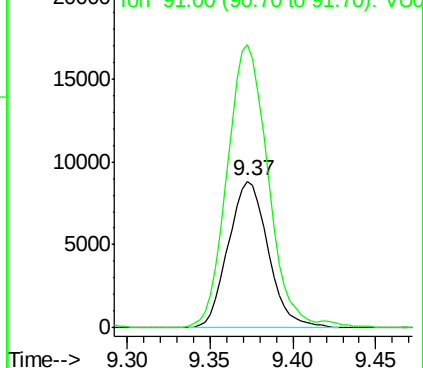


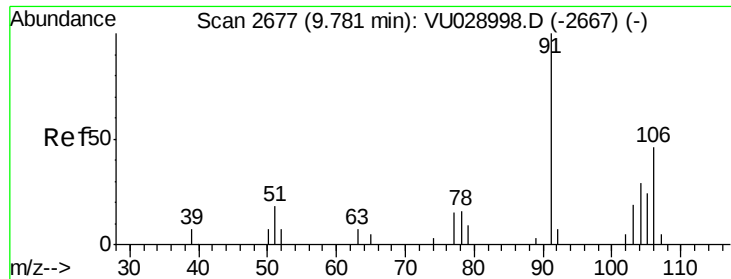
#68
m/p-Xylenes
Concen: 5.750 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. 0.00 min
Lab File: VU029037.D
Acq: 04 Jan 2019 19:06

Tgt Ion: 106 Resp: 14767
Ion Ratio Lower Upper
106 100
91 197.0 161.7 242.5



Abundance Ion 106.00 (105.70 to 106.70): VU028998.D (-2541) (-)
Ion 91.00 (90.70 to 91.70): VU028998.D (-2541) (-)

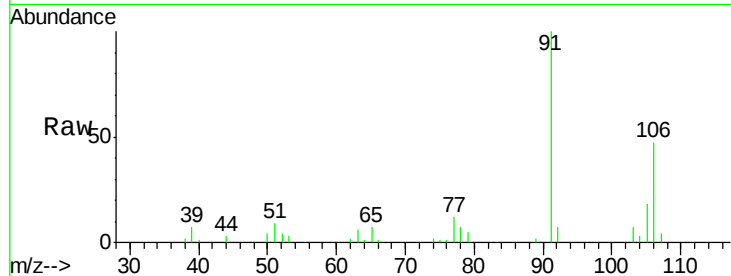




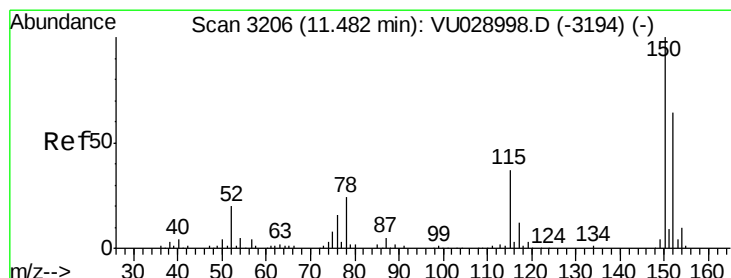
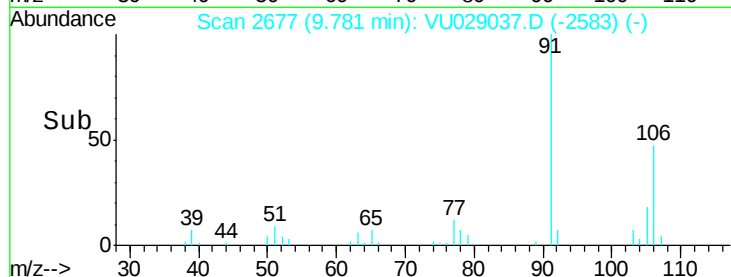
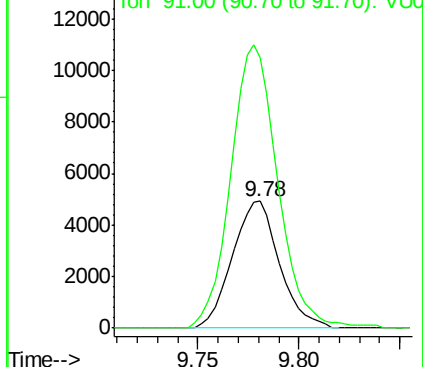
#69
o-Xylene
Concen: 3.238 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU029037.D
Acq: 04 Jan 2019 19:06

Instrument :
MSVOA_U
ClientSampleId :
TRE-COMP-1

Tot Ion:106 Resp: 8014
Ion Ratio Lower Upper
106 100
91 222.8 106.1 318.3

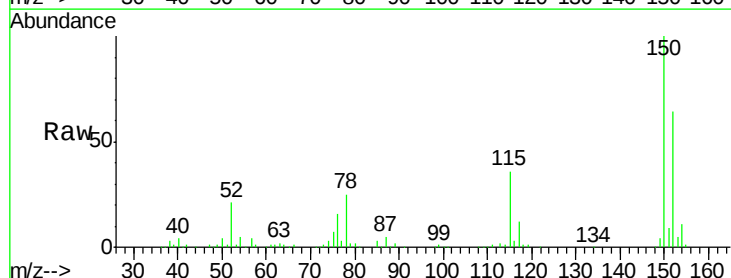


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

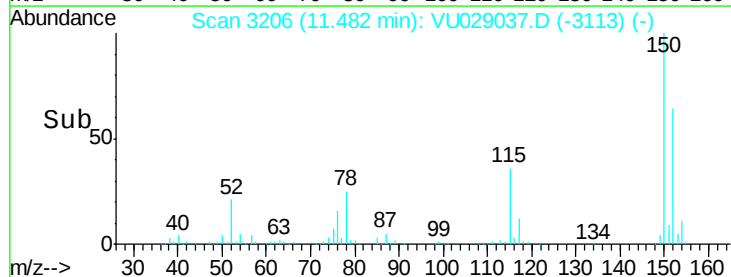
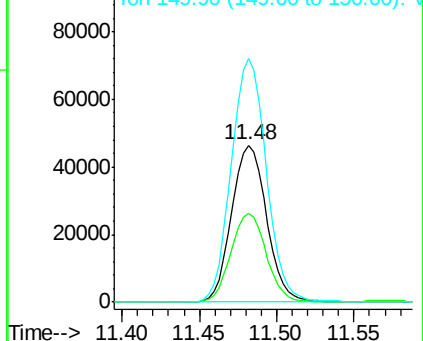


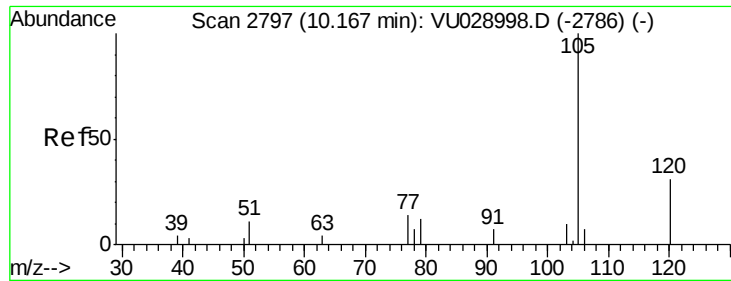
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. 0.00 min
Lab File: VU029037.D
Acq: 04 Jan 2019 19:06

Tgt Ion:152 Resp: 73128
Ion Ratio Lower Upper
152 100
115 56.9 40.1 120.3
150 155.6 0.0 345.2



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: 0.325 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU029037.D

Acq: 04 Jan 2019 19:06

Instrument :

MSVOA_U

ClientSampleId :

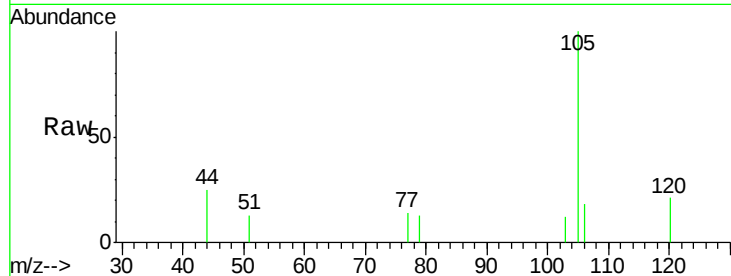
TRE-COMP-1

Tot Ion:105 Resp: 1759

Ion Ratio Lower Upper

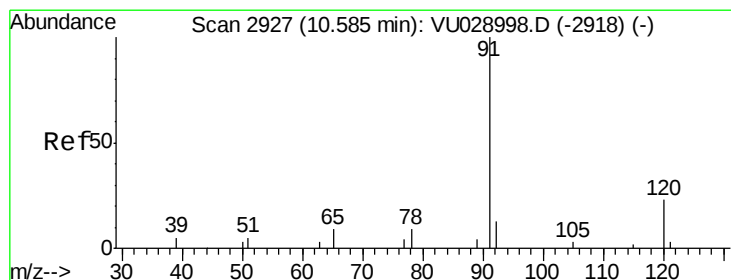
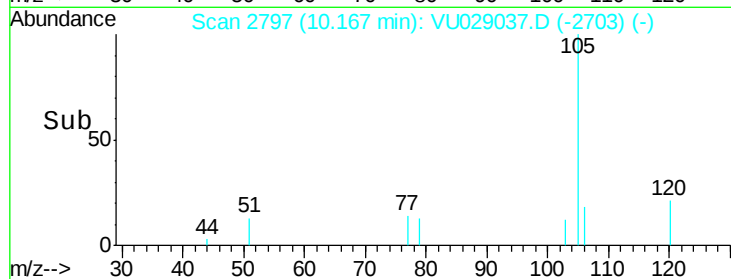
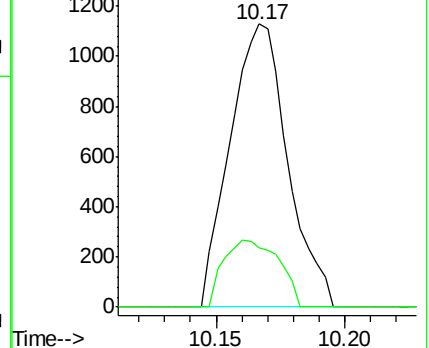
105 100

120 22.6 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 1.292 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU029037.D

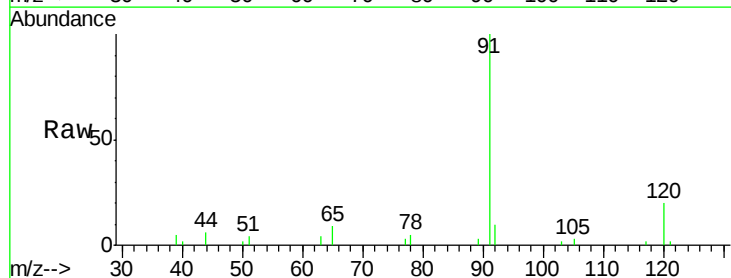
Acq: 04 Jan 2019 19:06

Tgt Ion: 91 Resp: 8242

Ion Ratio Lower Upper

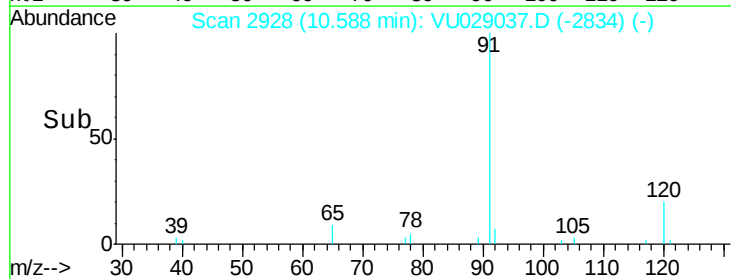
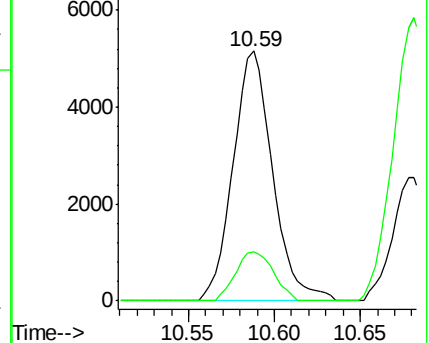
91 100

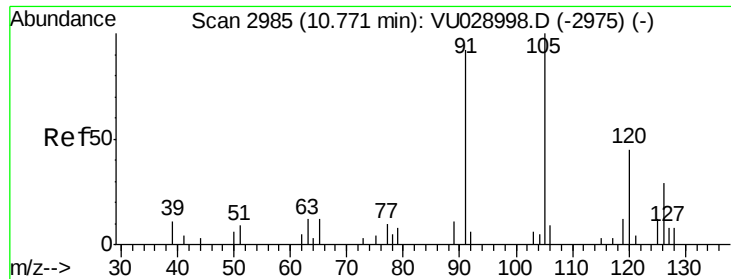
120 18.8 11.3 33.9



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: 3.117 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. 0.00 min

Lab File: VU029037.D

Acq: 04 Jan 2019 19:06

Instrument :

MSVOA_U

ClientSampleId :

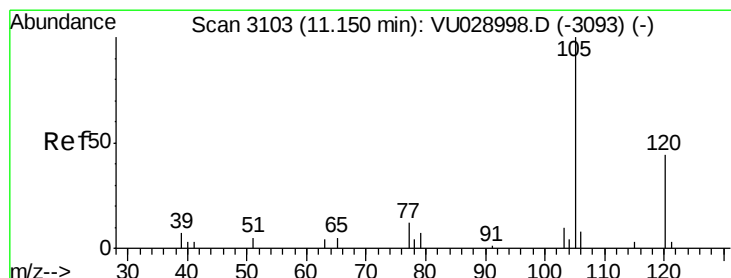
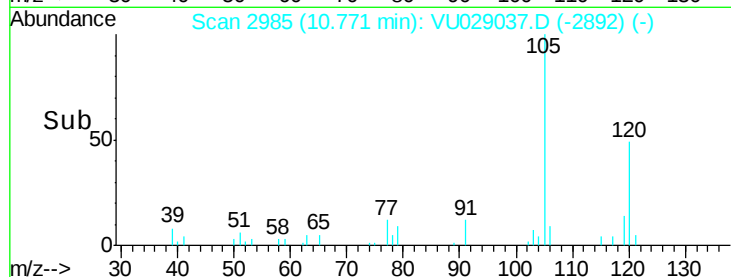
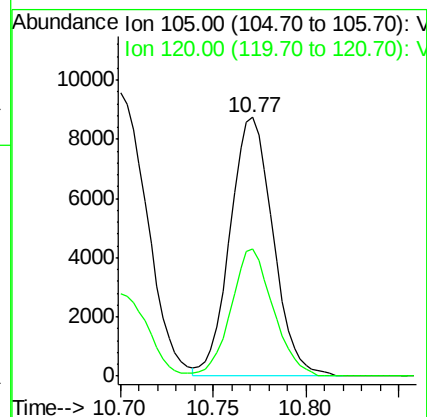
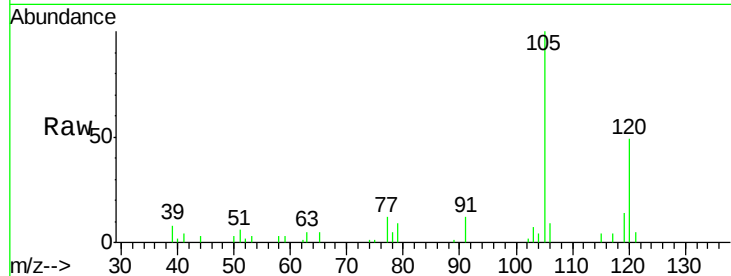
TRE-COMP-1

Tot Ion:105 Resp: 14087

Ion Ratio Lower Upper

105 100

120 48.1 24.8 74.4



#84

1,2,4-Trimethylbenzene

Concen: 10.916 ug/l

RT: 11.15 min Scan# 3102

Delta R.T. 0.00 min

Lab File: VU029037.D

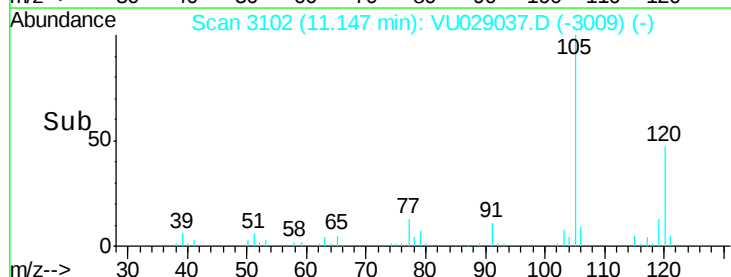
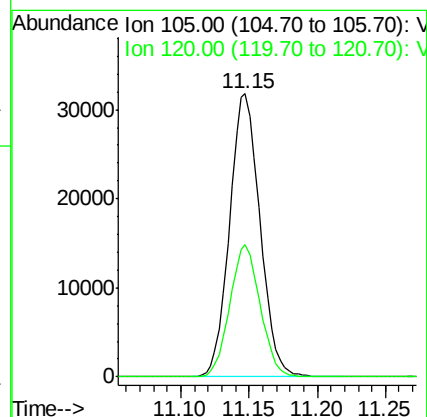
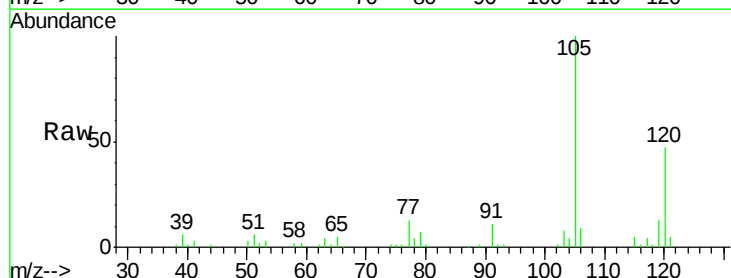
Acq: 04 Jan 2019 19:06

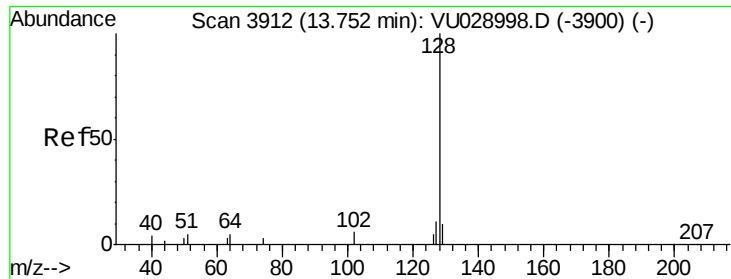
Tgt Ion:105 Resp: 49264

Ion Ratio Lower Upper

105 100

120 46.4 23.1 69.3





#95
Naphthalene
Concen: 3.069 ug/l
RT: 13.75 min Scan# 3910
Delta R.T. 0.01 min
Lab File: VU029037.D
Acq: 04 Jan 2019 19:06

Instrument :
MSVOA_U
ClientSampleId :
TRE-COMP-1

Tot Ion:128 Resp: 17370
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 10.0 8.5 12.7

