

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011419\
 Data File : VU029167.D
 Acq On : 14 Jan 2019 16:14
 Operator : JC/SP
 Sample : K1137-02DL 200X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-102DL

Quant Time: Jan 15 00:13:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 12 01:33:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	140907	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	244284	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	219089	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	93650	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	88678	50.91	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.82%	
35) Dibromofluoromethane	4.88	113	79731	50.35	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.70%	
50) Toluene-d8	7.56	98	300282	48.03	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.06%	
62) 4-Bromofluorobenzene	10.30	95	97485	43.39	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	86.78%	

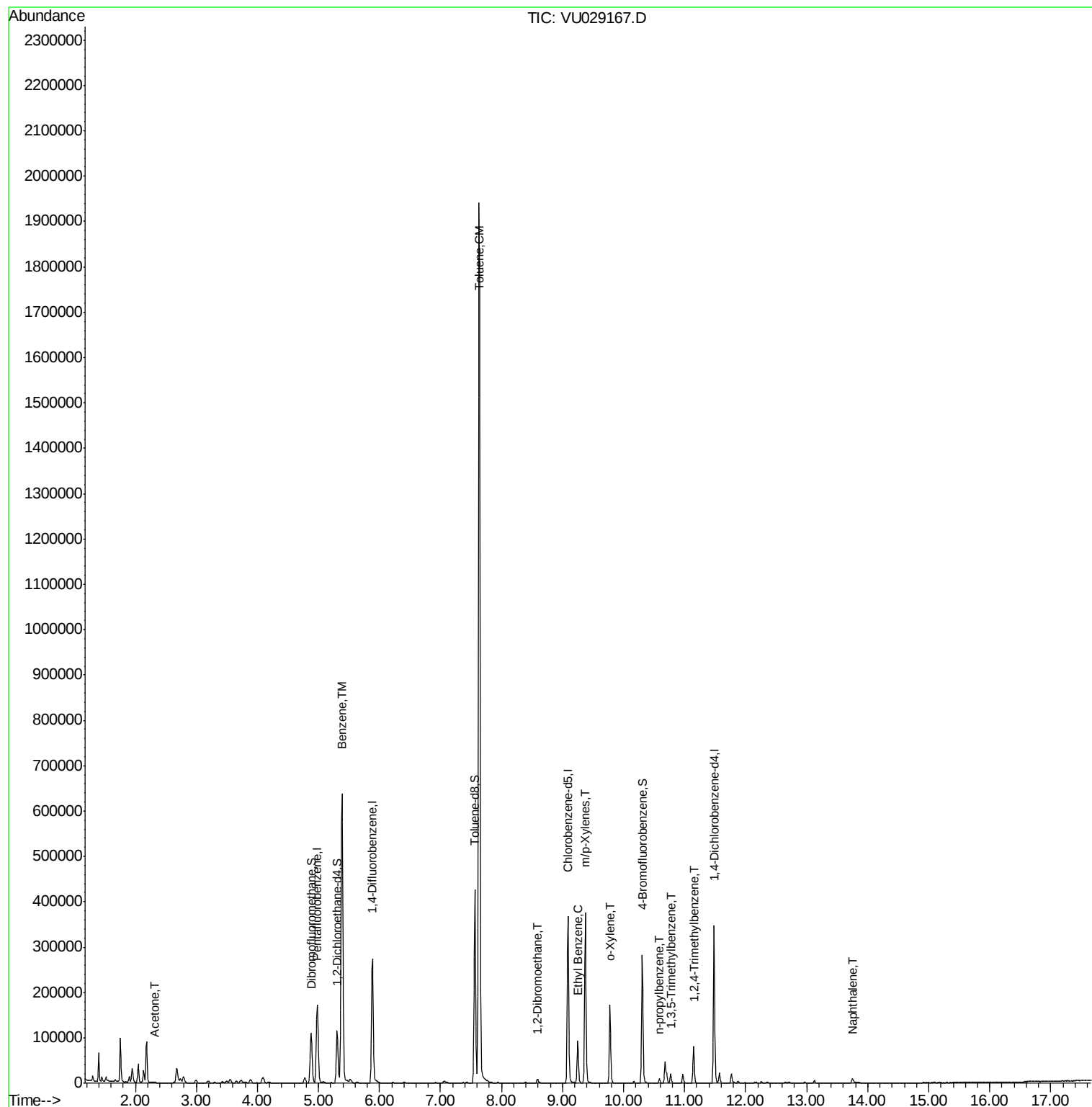
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.32	43	2688	2.450	ug/l	99
40) Benzene	5.39	78	654183	85.891	ug/l	99
52) Toluene	7.63	92	844825	182.205	ug/l	100
61) 1,2-Dibromoethane	8.59	107	7015	3.482	ug/l	98
67) Ethyl Benzene	9.25	91	70056	8.544	ug/l	99
68) m/p-Xylenes	9.37	106	111512	35.003	ug/l	98
69) o-Xylene	9.78	106	48506	15.802	ug/l	99
78) n-propylbenzene	10.59	91	8197	1.003	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	12206	2.109	ug/l	95
84) 1,2,4-Trimethylbenzene	11.15	105	46440	8.036	ug/l	99
95) Naphthalene	13.75	128	11046	1.524	ug/l	97

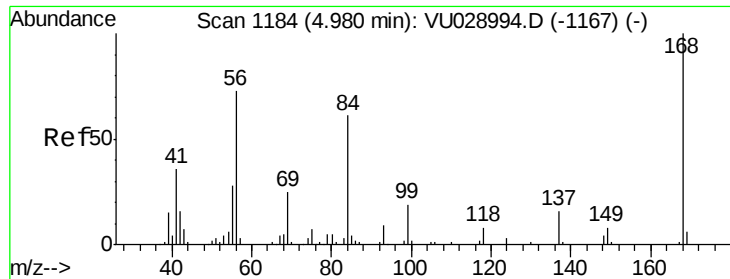
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MW-102DL

Quant Time: Jan 15 00:13:57 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
Quant Title : SW846 8260
QLast Update : Sat Jan 12 01:33:59 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: VU029167.D

Acq: 14 Jan 2019 16:14

Instrument :

MSVOA_U

ClientSampleId :

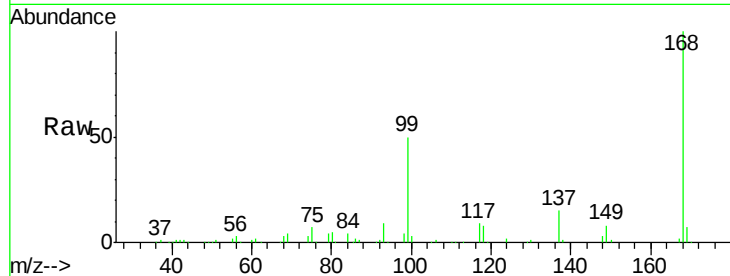
MW-102DL

Tot Ion:168 Resp: 140907

Ion Ratio Lower Upper

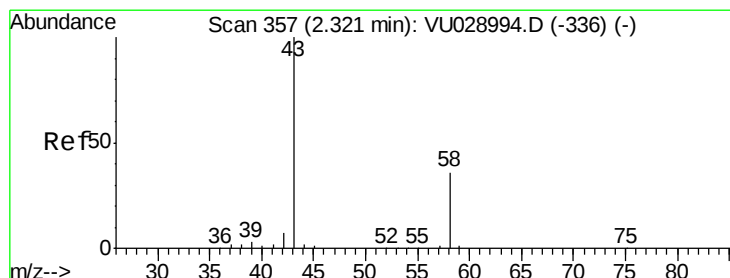
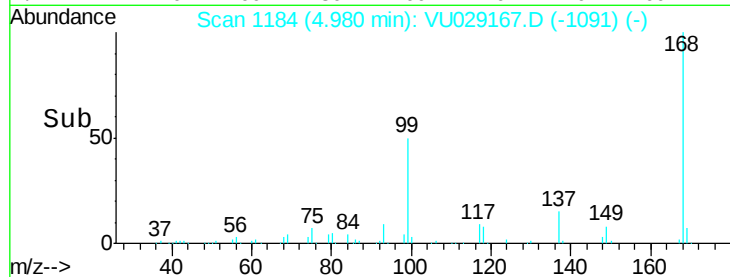
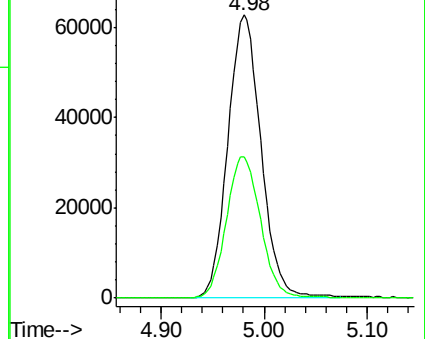
168 100

99 49.8 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VU028994.D (-1167) (-)

Ion 98.90 (98.60 to 99.60): VU028994.D (-1167) (-)



#16

Acetone

Concen: 2.450 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU029167.D

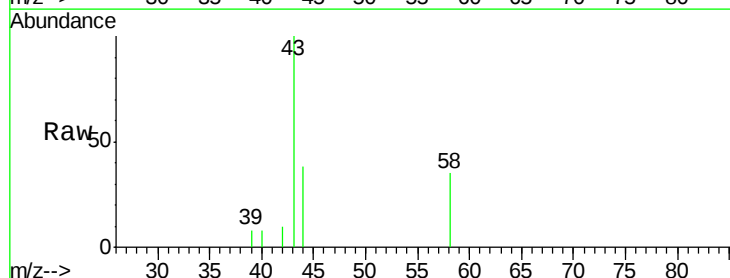
Acq: 14 Jan 2019 16:14

Tgt Ion: 43 Resp: 2688

Ion Ratio Lower Upper

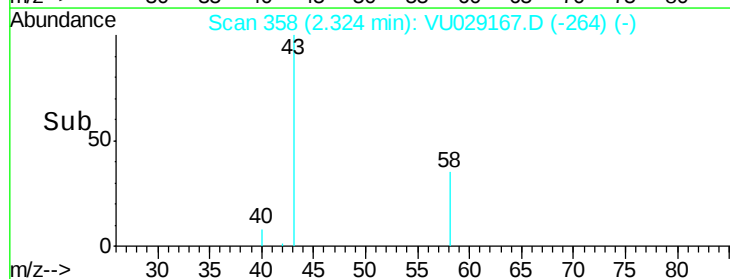
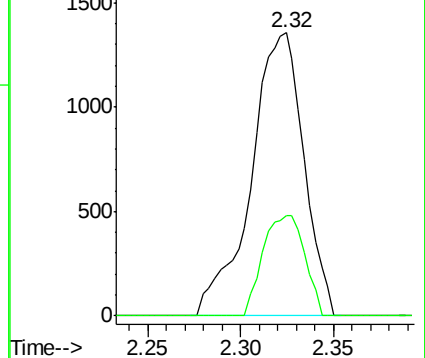
43 100

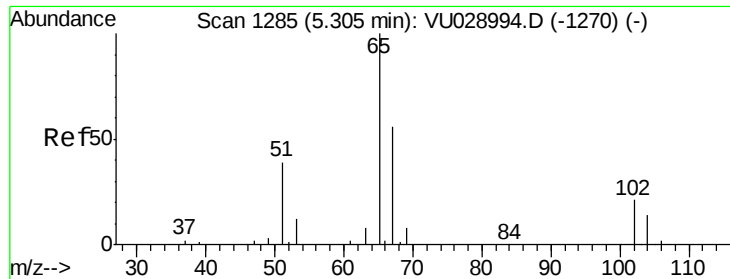
58 35.4 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VU028994.D (-336) (-)

Ion 58.00 (57.70 to 58.70): VU028994.D (-336) (-)

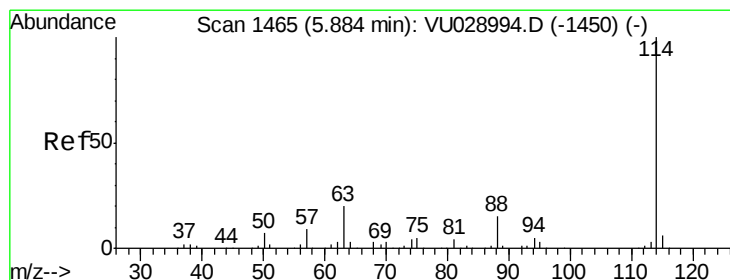
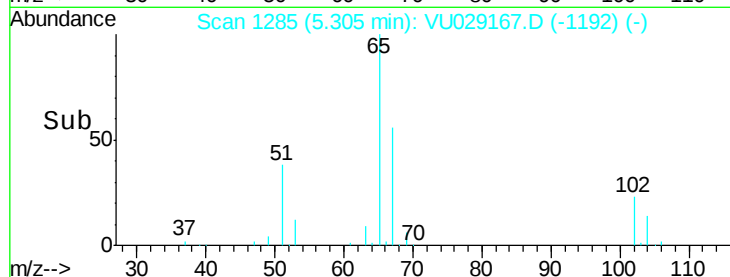
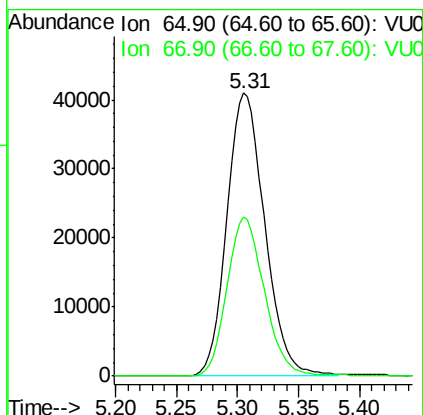
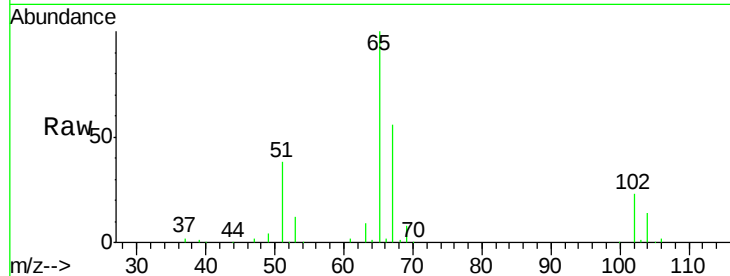




#33
 1,2-Dichloroethane-d4
 Concen: 50.909 ug/l
 RT: 5.31 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VU029167.D
 Acq: 14 Jan 2019 16:14

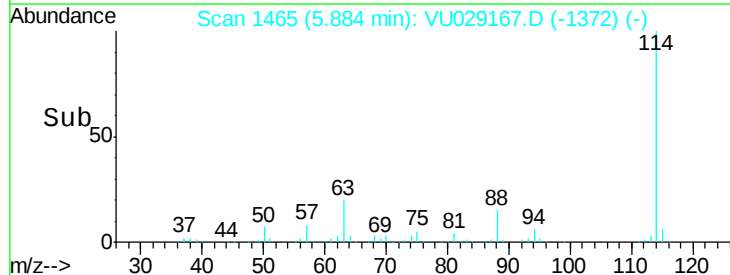
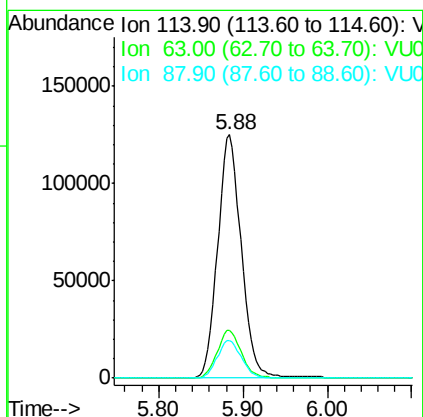
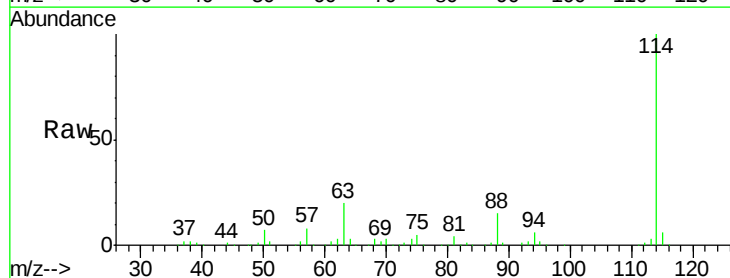
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-102DL

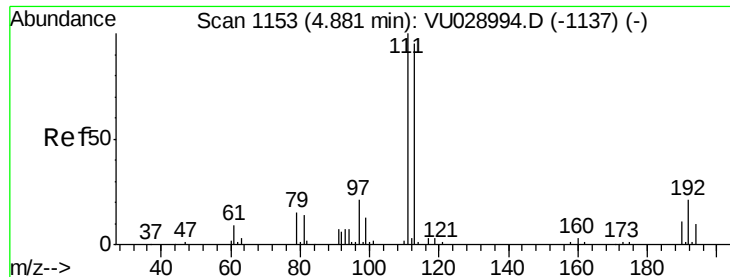
Tot Ion: 65 Resp: 88678
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: VU029167.D
 Acq: 14 Jan 2019 16:14

Tgt Ion: 114 Resp: 244284
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.2
 88 15.5 0.0 30.4

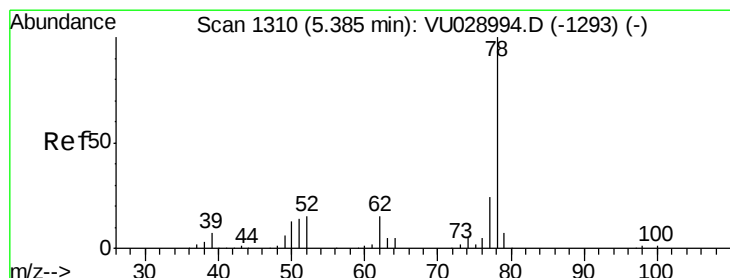
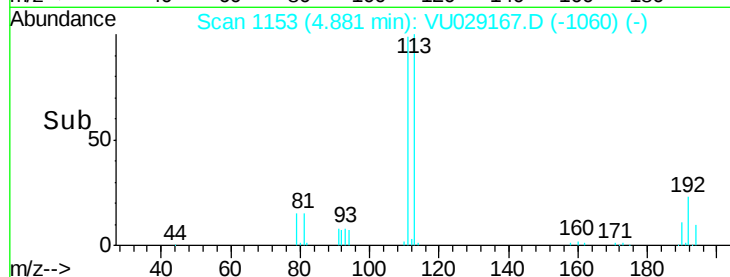
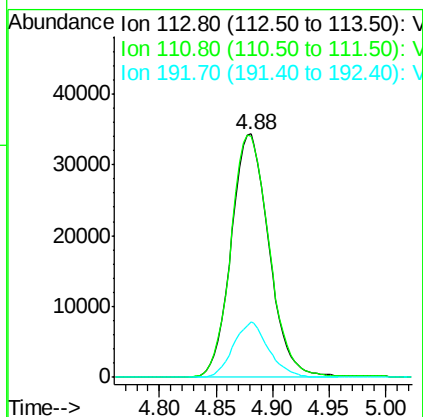
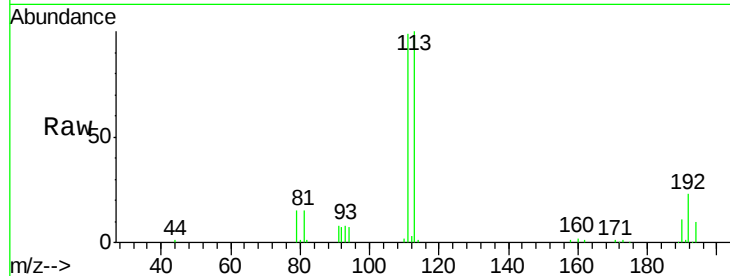




#35
 Dibromofluoromethane
 Concen: 50.350 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: VU029167.D
 Acq: 14 Jan 2019 16:14

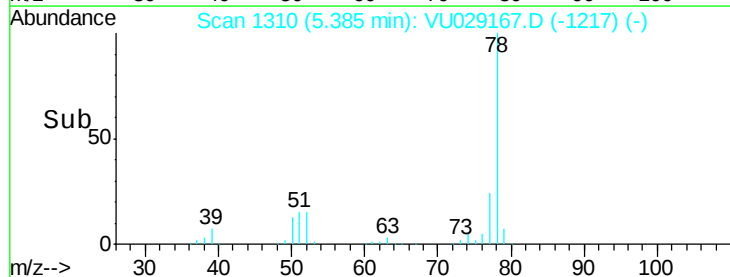
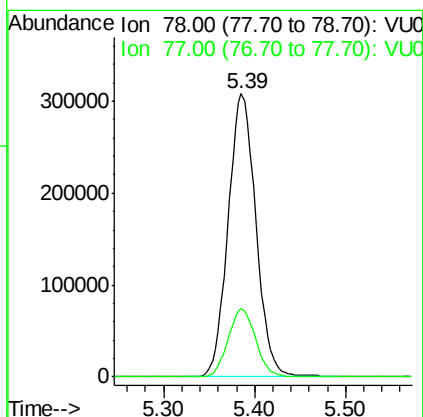
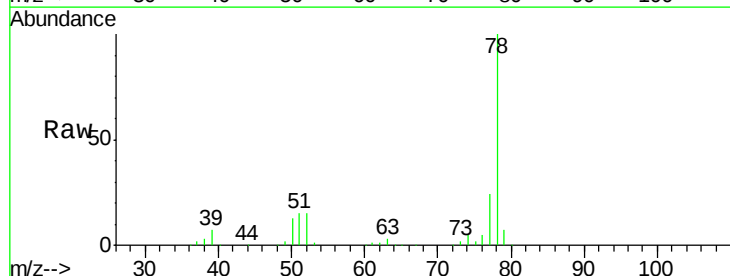
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-102DL

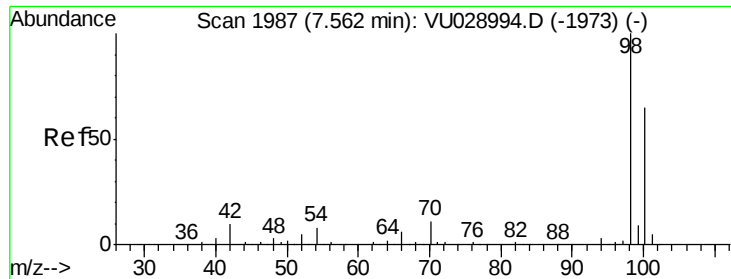
Tot Ion:113 Resp: 79731
 Ion Ratio Lower Upper
 113 100
 111 100.9 81.4 122.2
 192 21.2 16.8 25.2



#40
 Benzene
 Concen: 85.891 ug/l
 RT: 5.39 min Scan# 1310
 Delta R.T. 0.00 min
 Lab File: VU029167.D
 Acq: 14 Jan 2019 16:14

Tgt Ion: 78 Resp: 654183
 Ion Ratio Lower Upper
 78 100
 77 24.0 18.9 28.3

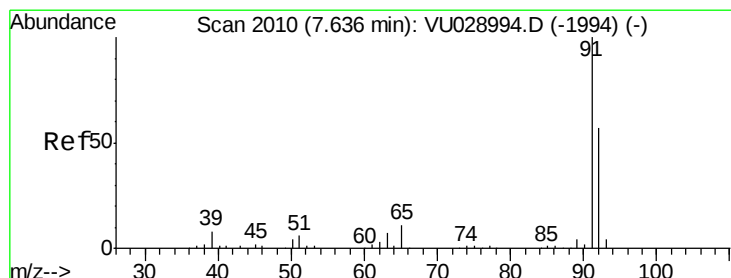
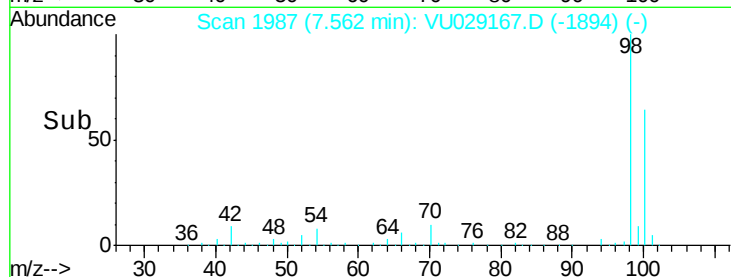
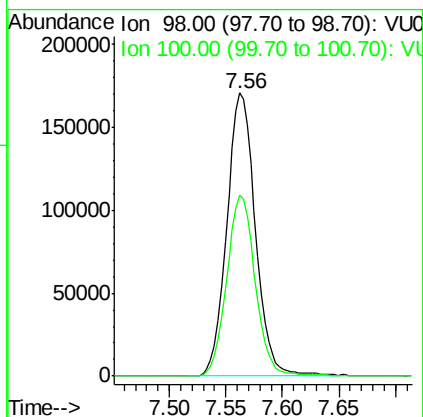
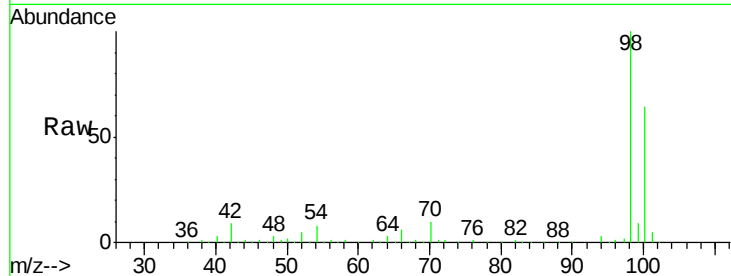




#50
Toluene-d8
Concen: 48.033 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VU029167.D
Acq: 14 Jan 2019 16:14

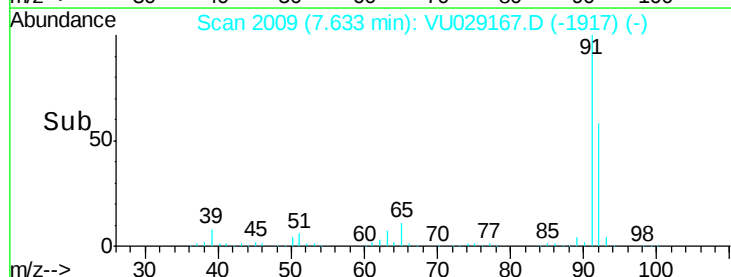
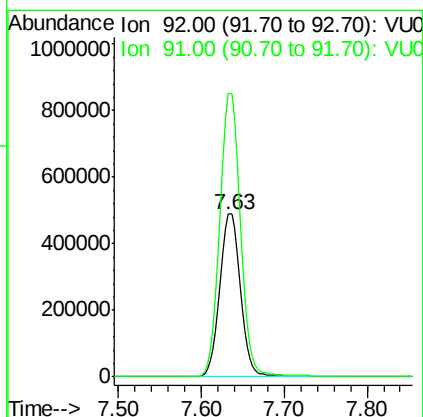
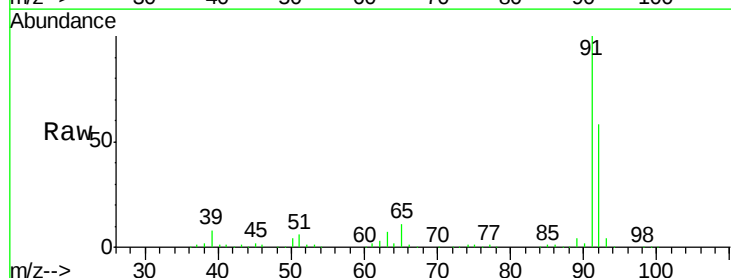
Instrument :
MSVOA_U
ClientSampleId :
MW-102DL

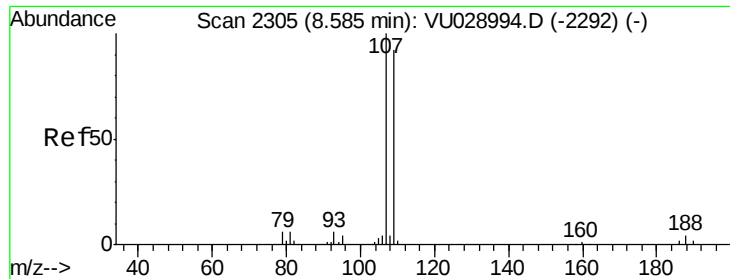
Tot Ion: 98 Resp: 300282
Ion Ratio Lower Upper
98 100
100 63.5 51.6 77.4



#52
Toluene
Concen: 182.205 ug/l
RT: 7.63 min Scan# 2009
Delta R.T. -0.00 min
Lab File: VU029167.D
Acq: 14 Jan 2019 16:14

Tgt Ion: 92 Resp: 844825
Ion Ratio Lower Upper
92 100
91 174.7 139.8 209.8





#61

1,2-Dibromoethane

Concen: 3.482 ug/l

RT: 8.59 min Scan# 2306

Delta R.T. 0.00 min

Lab File: VU029167.D

Acq: 14 Jan 2019 16:14

Instrument :

MSVOA_U

ClientSampleId :

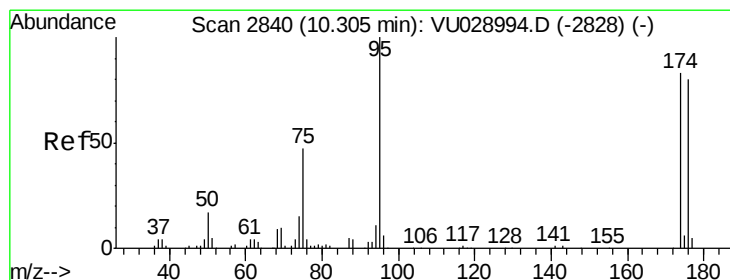
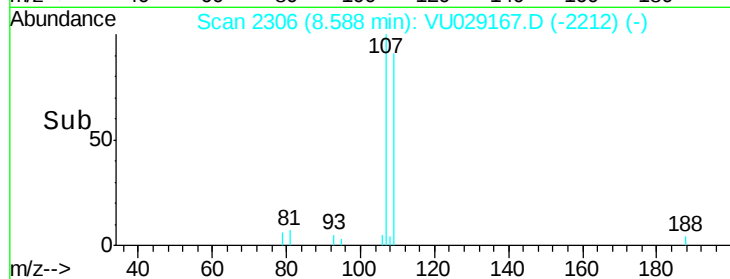
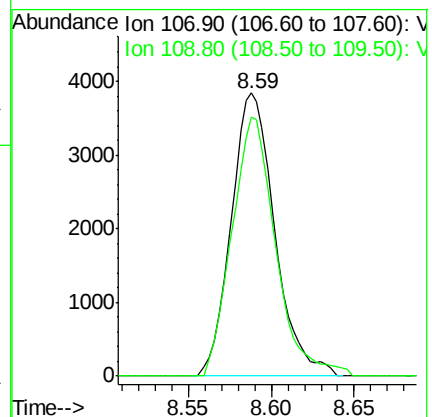
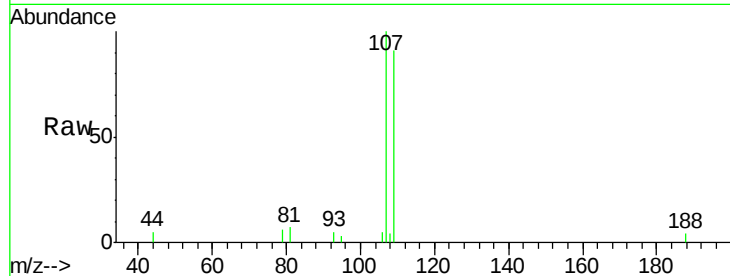
MW-102DL

Tot Ion:107 Resp: 7015

Ion Ratio Lower Upper

107 100

109 92.1 75.5 113.3



#62

4-Bromofluorobenzene

Concen: 43.391 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VU029167.D

Acq: 14 Jan 2019 16:14

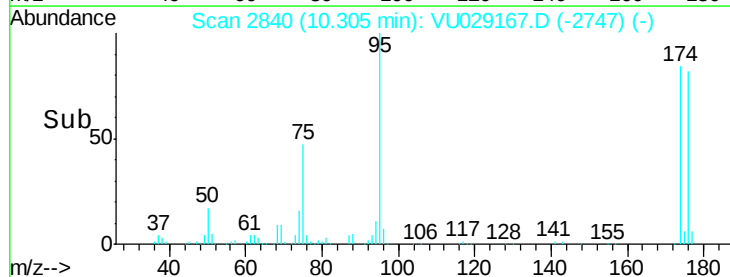
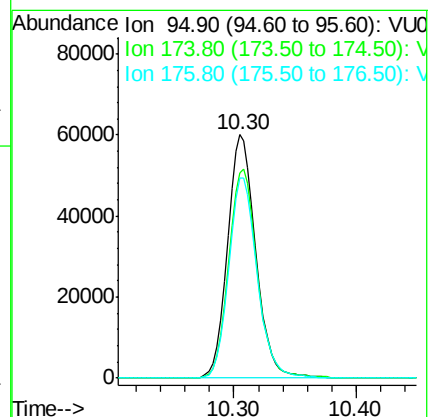
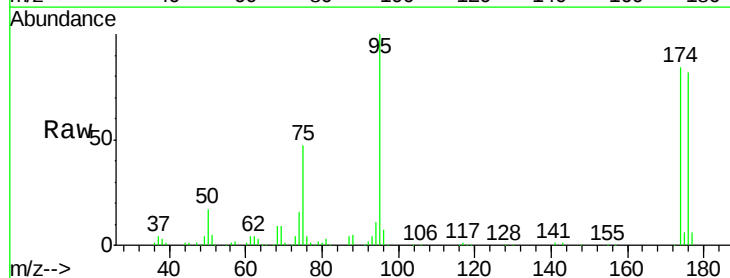
Tgt Ion: 95 Resp: 97485

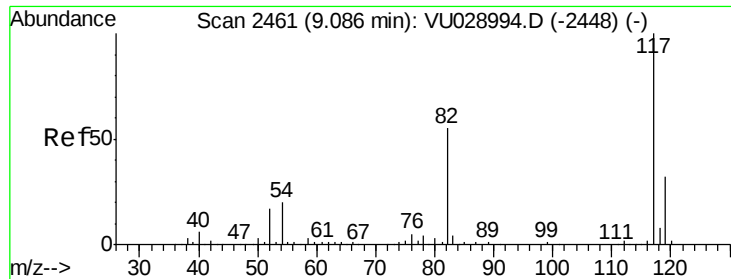
Ion Ratio Lower Upper

95 100

174 87.1 0.0 170.6

176 83.1 0.0 165.0

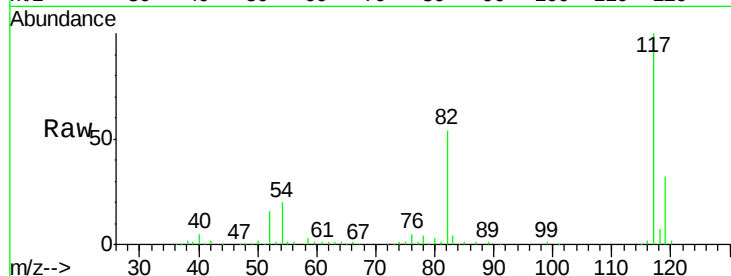




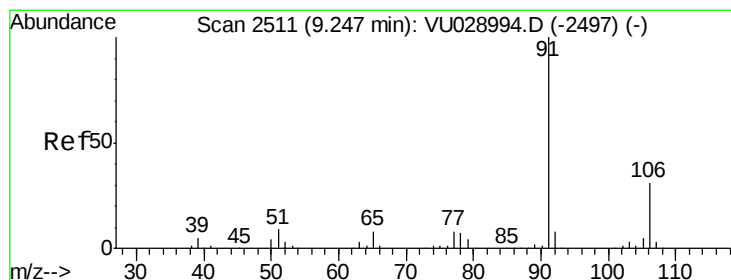
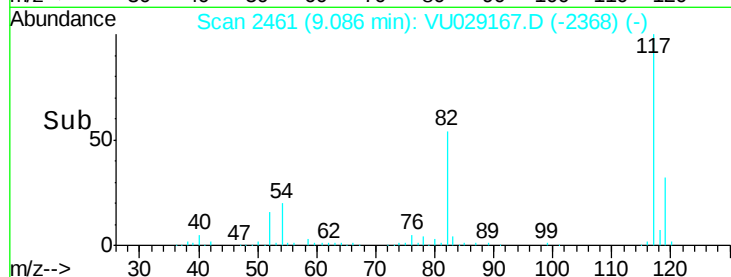
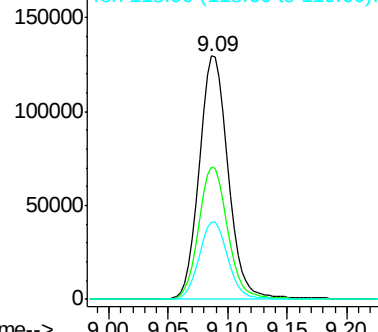
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2461
Delta R.T. 0.00 min
Lab File: VU029167.D
Acq: 14 Jan 2019 16:14

Instrument :
MSVOA_U
ClientSampleId :
MW-102DL

Tot Ion:117 Resp: 219089
Ion Ratio Lower Upper
117 100
82 54.4 43.9 65.9
119 31.9 26.0 39.0

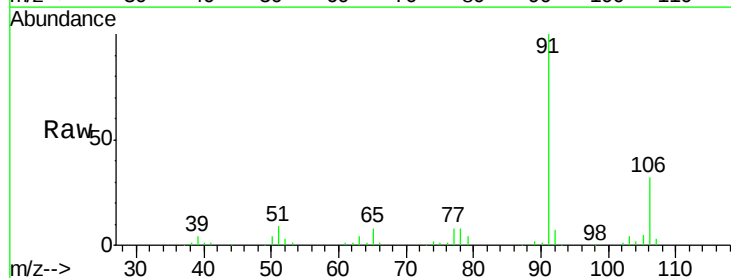


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

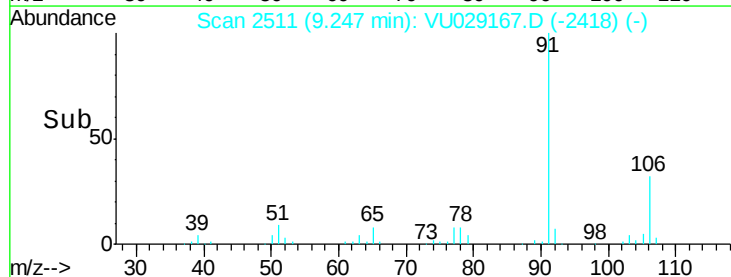
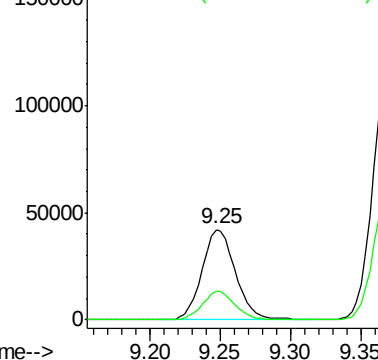


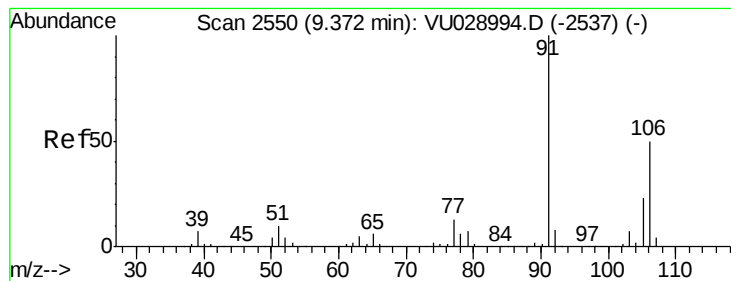
#67
Ethyl Benzene
Concen: 8.544 ug/l
RT: 9.25 min Scan# 2511
Delta R.T. 0.00 min
Lab File: VU029167.D
Acq: 14 Jan 2019 16:14

Tgt Ion: 91 Resp: 70056
Ion Ratio Lower Upper
91 100
106 31.8 25.0 37.4



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





#68

m/p-Xylenes

Concen: 35.003 ug/l

RT: 9.37 min Scan# 2550

Delta R.T. 0.00 min

Lab File: VU029167.D

Acq: 14 Jan 2019 16:14

Instrument :

MSVOA_U

ClientSampleId :

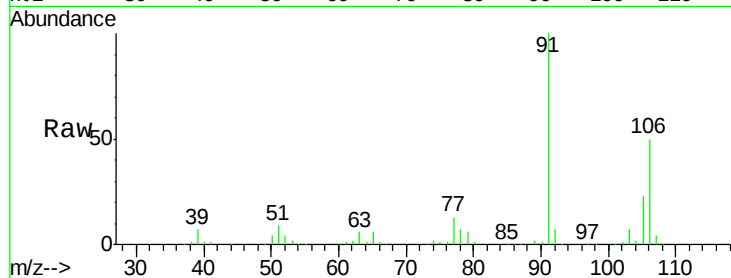
MW-102DL

Tot Ion:106 Resp: 111512

Ion Ratio Lower Upper

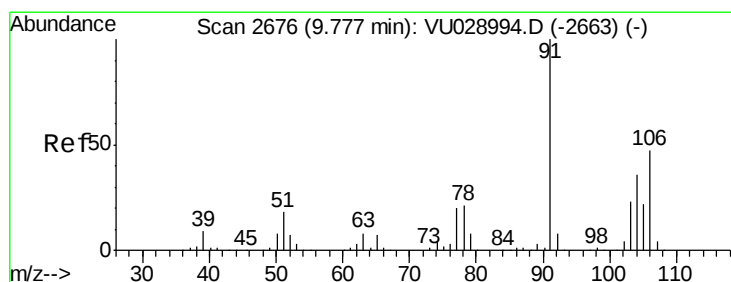
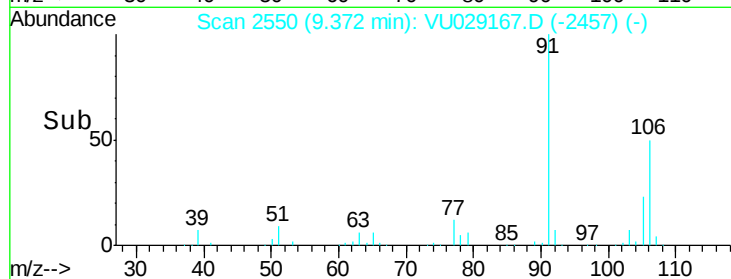
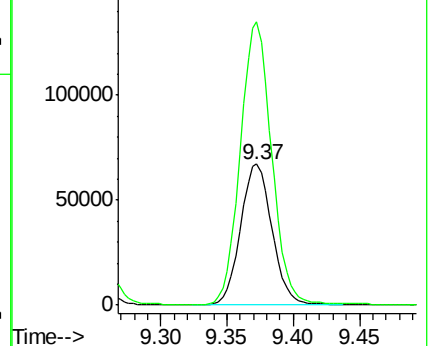
106 100

91 199.1 161.7 242.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#69

o-Xylene

Concen: 15.802 ug/l

RT: 9.78 min Scan# 2676

Delta R.T. 0.00 min

Lab File: VU029167.D

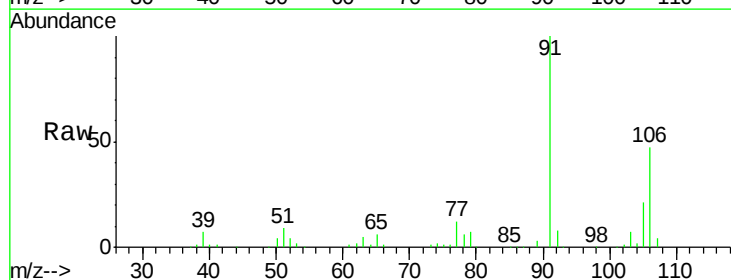
Acq: 14 Jan 2019 16:14

Tgt Ion:106 Resp: 48506

Ion Ratio Lower Upper

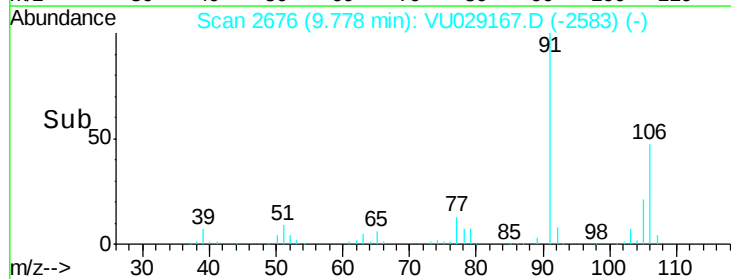
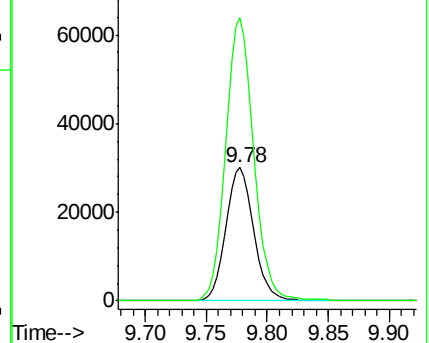
106 100

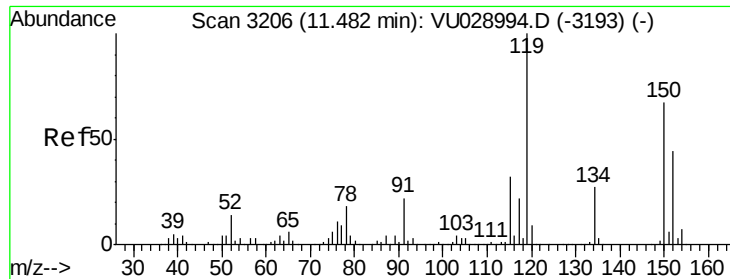
91 213.1 106.1 318.3



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: VU029167.D

Acq: 14 Jan 2019 16:14

Instrument :

MSVOA_U

ClientSampleId :

MW-102DL

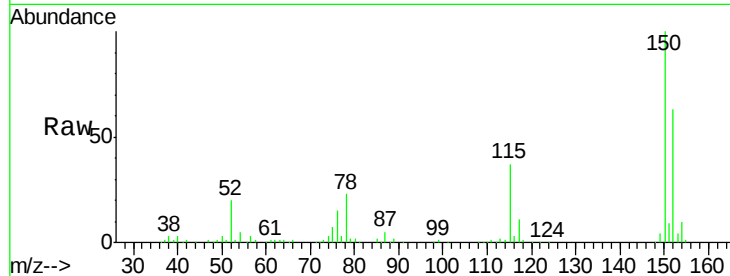
Tot Ion:152 Resp: 93650

Ion Ratio Lower Upper

152 100

115 57.4 40.1 120.3

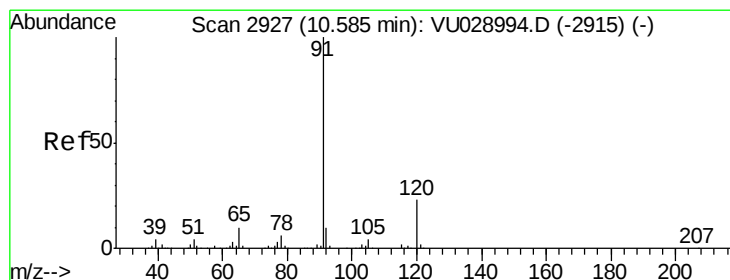
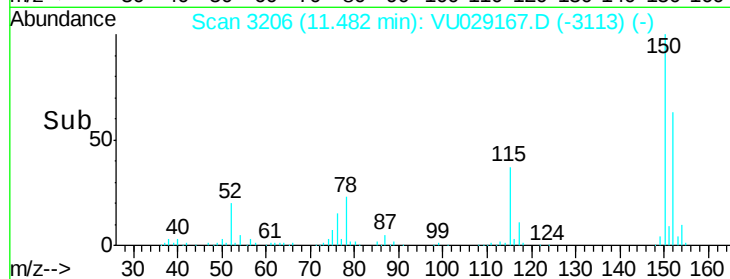
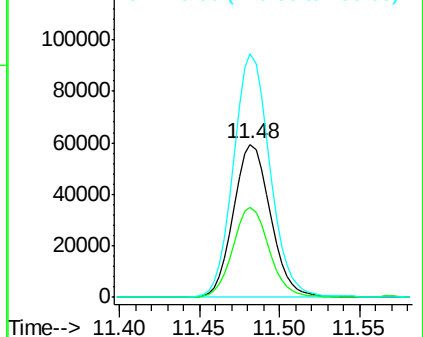
150 157.1 0.0 345.2



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



#78

n-propylbenzene

Concen: 1.003 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU029167.D

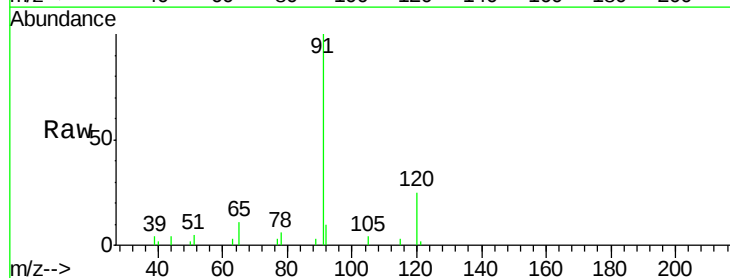
Acq: 14 Jan 2019 16:14

Tgt Ion: 91 Resp: 8197

Ion Ratio Lower Upper

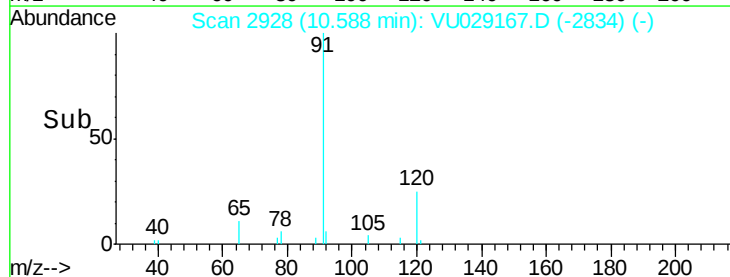
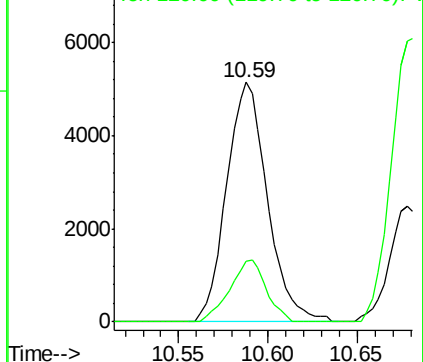
91 100

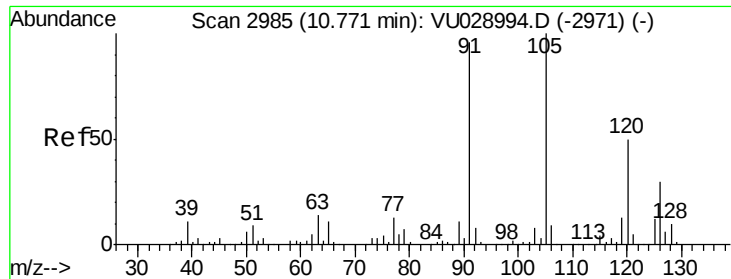
120 23.1 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

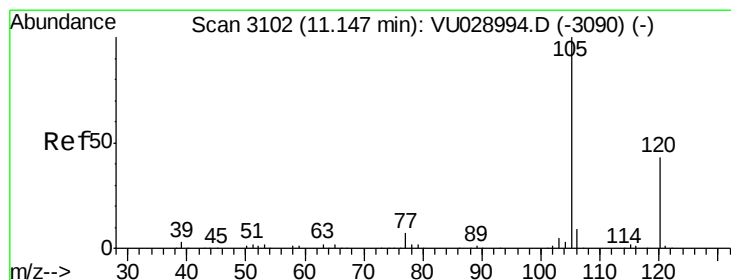
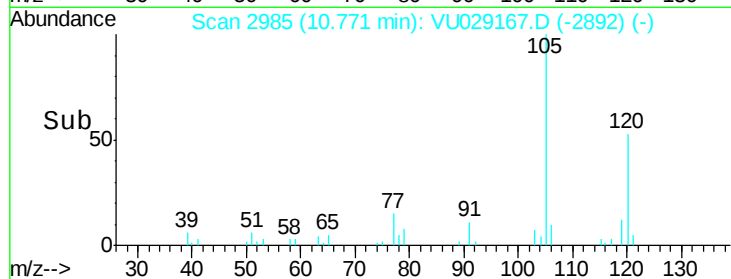
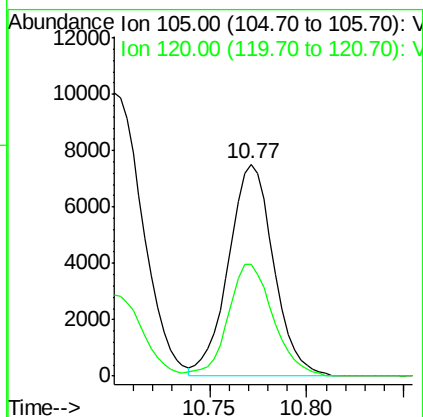
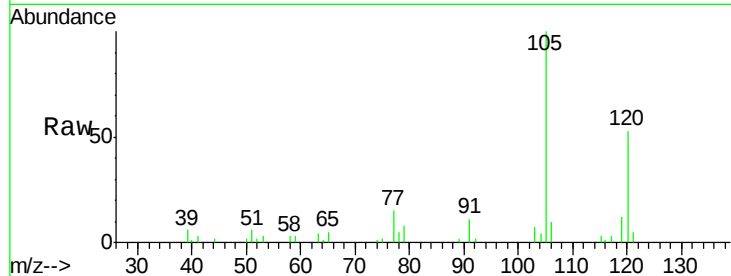




#80
 1,3,5-Trimethylbenzene
 Concen: 2.109 ug/l
 RT: 10.77 min Scan# 2985
 Delta R.T. 0.00 min
 Lab File: VU029167.D
 Acq: 14 Jan 2019 16:14

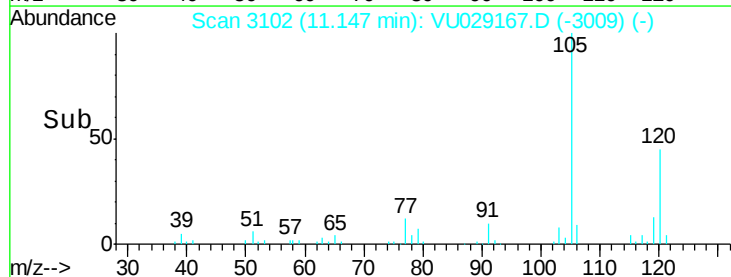
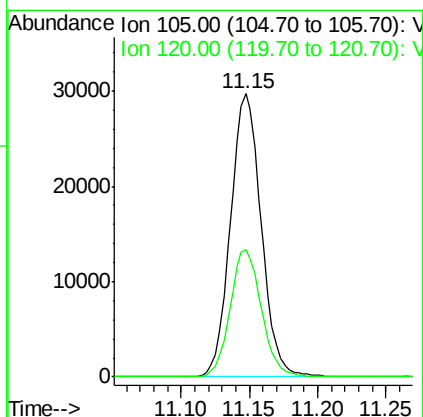
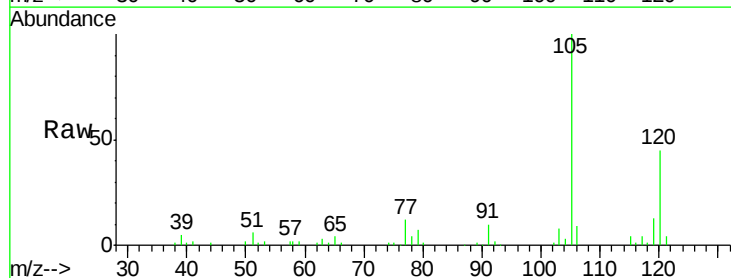
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-102DL

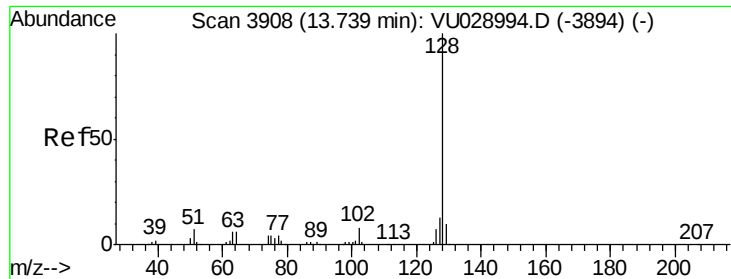
Tot Ion:105 Resp: 12206
 Ion Ratio Lower Upper
 105 100
 120 52.8 24.8 74.4



#84
 1,2,4-Trimethylbenzene
 Concen: 8.036 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. 0.00 min
 Lab File: VU029167.D
 Acq: 14 Jan 2019 16:14

Tgt Ion:105 Resp: 46440
 Ion Ratio Lower Upper
 105 100
 120 45.6 23.1 69.3





#95
 Naphthalene
 Concen: 1.524 ug/l
 RT: 13.75 min Scan# 3911
 Delta R.T. 0.01 min
 Lab File: VU029167.D
 Acq: 14 Jan 2019 16:14

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-102DL

Tot Ion:128 Resp: 11046
 Ion Ratio Lower Upper
 128 100
 127 10.9 10.1 15.1
 129 9.9 8.5 12.7

