

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101018\
 Data File : VU027543.D
 Acq On : 09 Oct 2018 23:52
 Operator : MD/SY
 Sample : J5165-24
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-MW-C

Quant Time: Oct 10 07:56:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 02:04:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	136553	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	231003	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	202970	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	92428	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	105983	46.48	ug/l	0.00
Spiked Amount			Recovery	=	92.96%	
35) Dibromofluoromethane	4.89	113	76767	48.49	ug/l	0.00
Spiked Amount			Recovery	=	96.98%	
50) Toluene-d8	7.57	98	290075	48.96	ug/l	0.00
Spiked Amount			Recovery	=	97.92%	
62) 4-Bromofluorobenzene	10.31	95	101263	45.99	ug/l	0.00
Spiked Amount			Recovery	=	91.98%	

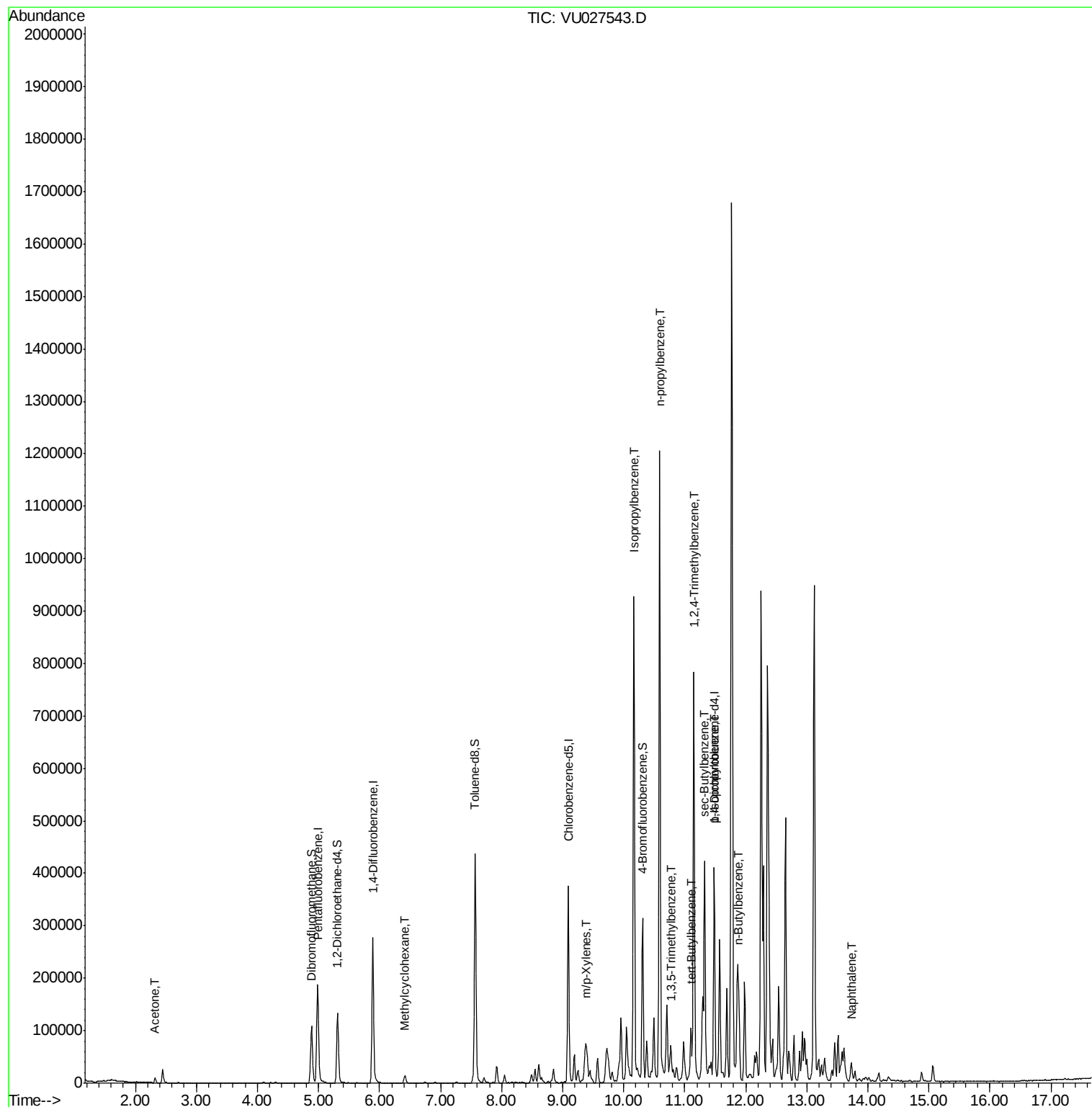
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.32	43	9954	7.389	ug/l	99
39) Methylcyclohexane	6.42	83	5933	2.024	ug/l	98
68) m/p-Xylenes	9.38	106	9448	3.412	ug/l	98
73) Isopropylbenzene	10.17	105	579503	86.327	ug/l	99
78) n-propylbenzene	10.59	91	915943	113.550	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	26652	4.877	ug/l	98
83) tert-Butylbenzene	11.10	119	42021	7.953	ug/l	89
84) 1,2,4-Trimethylbenzene	11.15	105	403936	72.354	ug/l	98
85) sec-Butylbenzene	11.32	105	243459	36.571	ug/l	100
86) p-Isopropyltoluene	11.48	119	15743	2.762	ug/l	98
89) n-Butylbenzene	11.89	91	84208	15.329	ug/l #	77
95) Naphthalene	13.74	128	8920	2.894	ug/l #	76

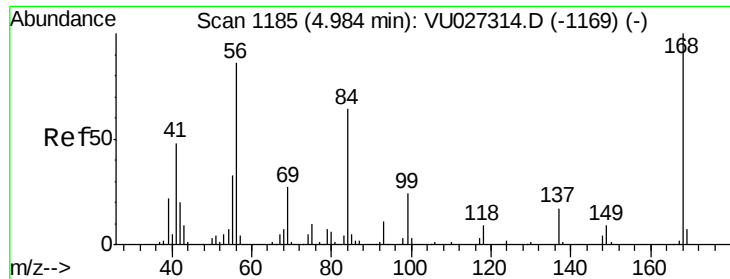
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101018\
Data File : VU027543.D
Acq On : 09 Oct 2018 23:52
Operator : MD/SY
Sample : J5165-24
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-C

Quant Time: Oct 10 07:56:48 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 02:04:34 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027543.D

Acq: 09 Oct 2018 23:52

Instrument :

MSVOA_U

ClientSampleId :

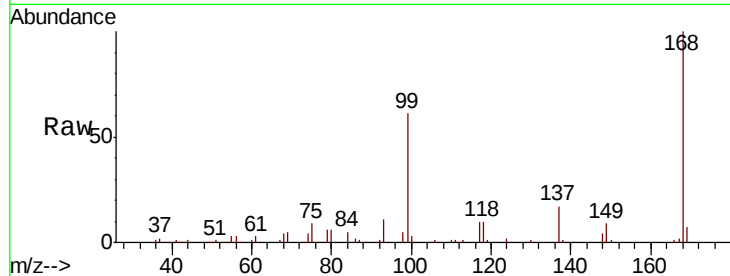
EP1-MW-C

Tot Ion:168 Resp: 136553

Ion Ratio Lower Upper

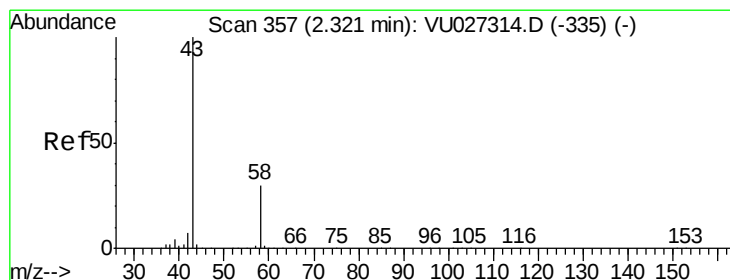
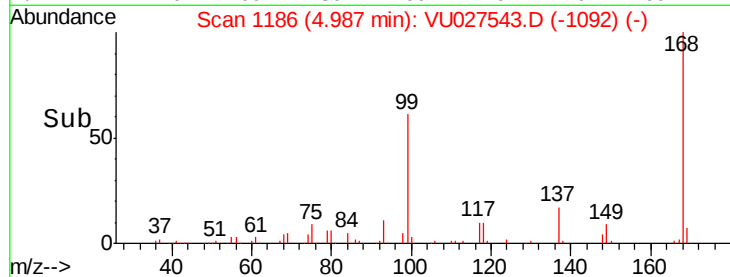
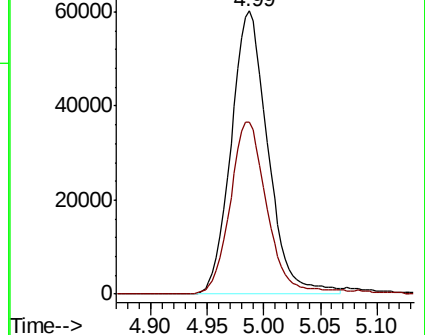
168 100

99 60.8 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): VU027314.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU027314.D (-1169) (-)



#16

Acetone

Concen: 7.389 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027543.D

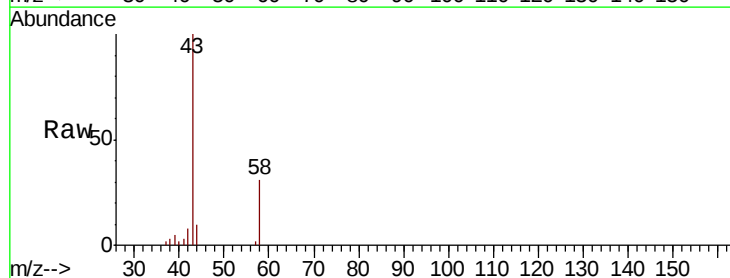
Acq: 09 Oct 2018 23:52

Tgt Ion: 43 Resp: 9954

Ion Ratio Lower Upper

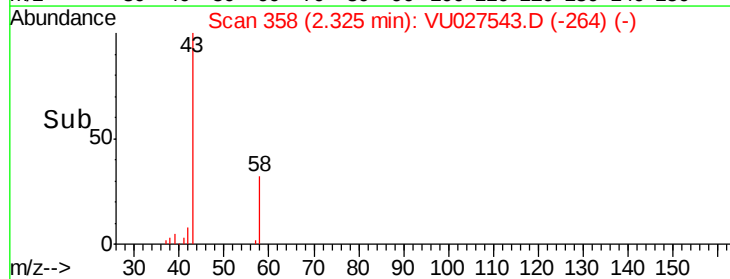
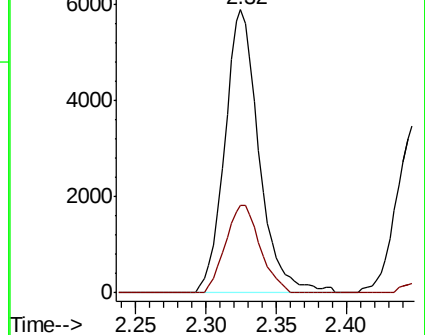
43 100

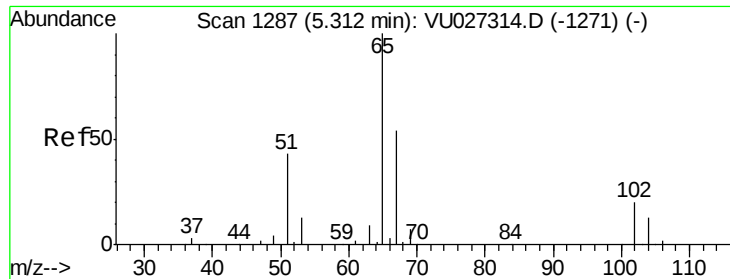
58 30.9 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VU027314.D (-335) (-)

Ion 58.00 (57.70 to 58.70): VU027314.D (-335) (-)

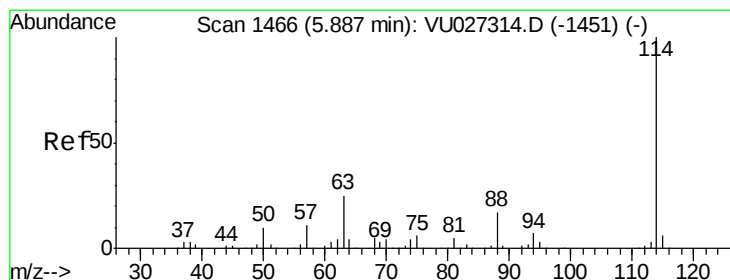
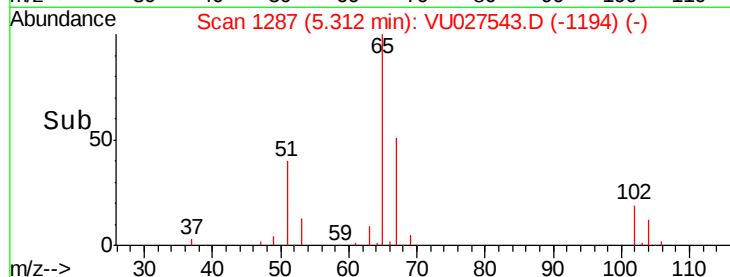
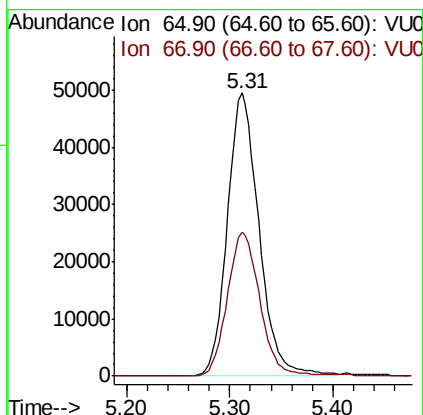
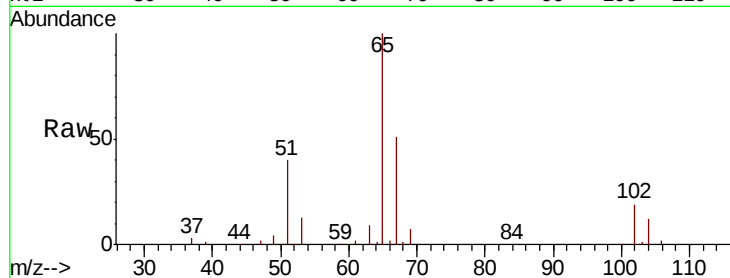




#33
 1,2-Dichloroethane-d4
 Concen: 46.480 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027543.D
 Acq: 09 Oct 2018 23:52

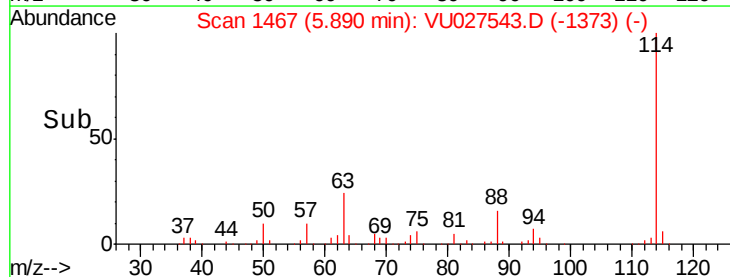
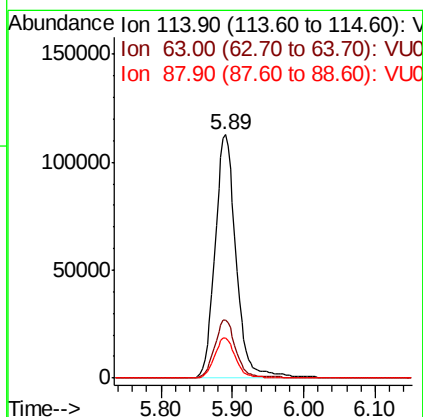
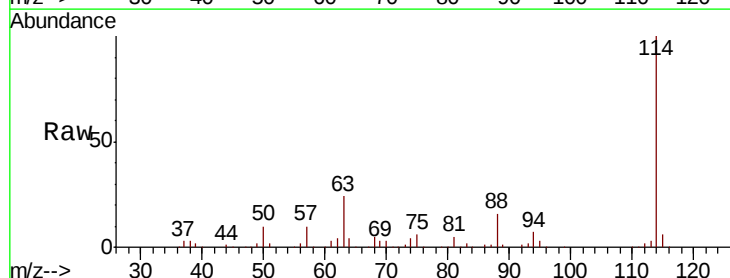
Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-MW-C

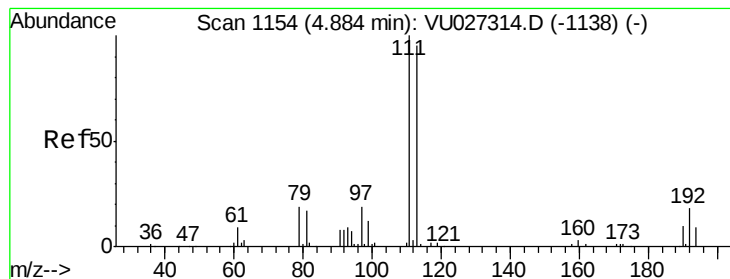
Tot Ion: 65 Resp: 105983
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027543.D
 Acq: 09 Oct 2018 23:52

Tgt Ion: 114 Resp: 231003
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 50.2
 88 16.4 0.0 33.8





#35

Dibromofluoromethane

Concen: 48.491 ug/l

RT: 4.89 min Scan# 1155

Delta R.T. 0.00 min

Lab File: VU027543.D

Acq: 09 Oct 2018 23:52

Instrument :

MSVOA_U

ClientSampleId :

EP1-MW-C

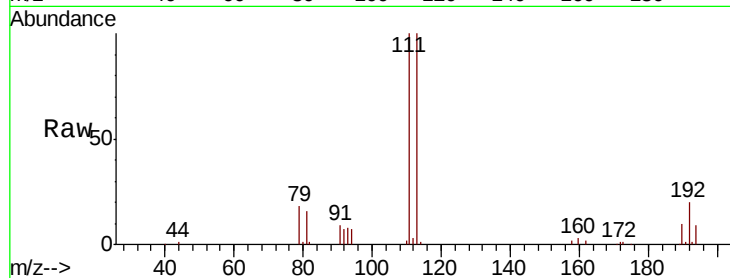
Tot Ion:113 Resp: 76767

Ion Ratio Lower Upper

113 100

111 100.6 83.1 124.7

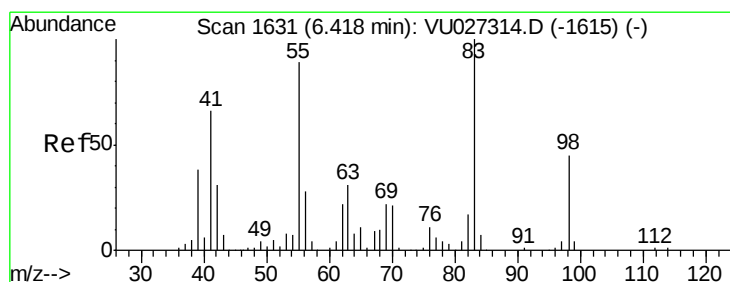
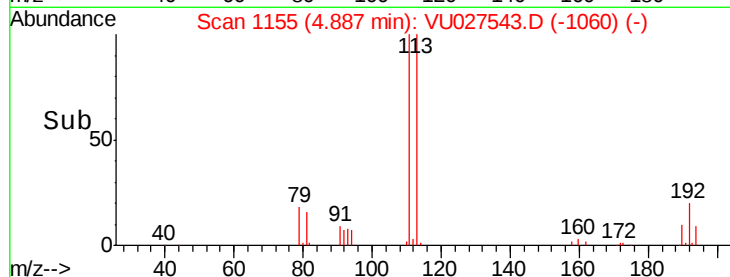
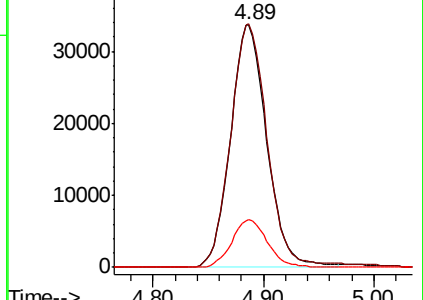
192 19.3 15.4 23.0



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

Methylcyclohexane

Concen: 2.024 ug/l

RT: 6.42 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VU027543.D

Acq: 09 Oct 2018 23:52

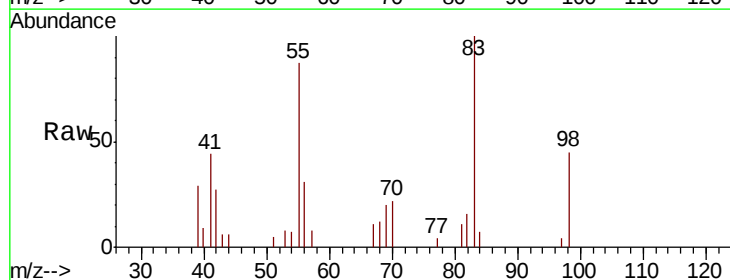
Tgt Ion: 83 Resp: 5933

Ion Ratio Lower Upper

83 100

55 86.7 71.1 106.7

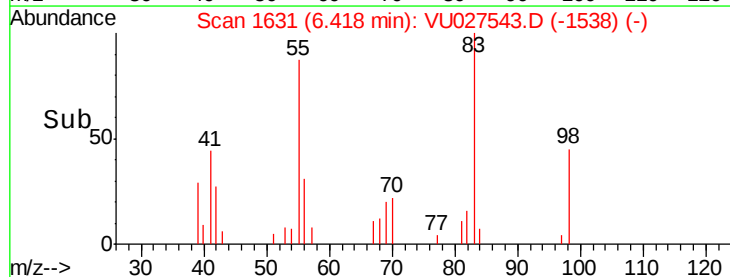
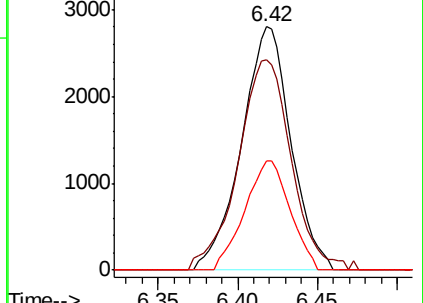
98 44.8 36.3 54.5

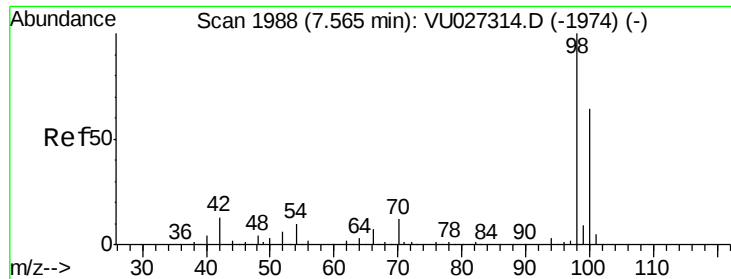


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

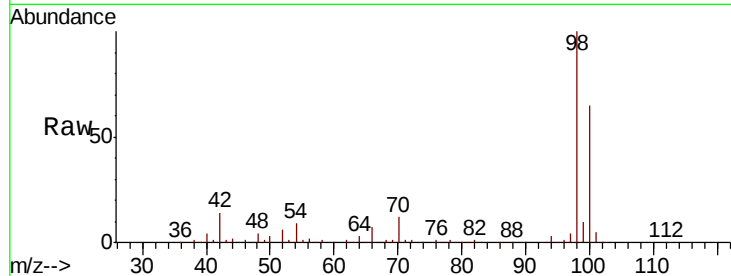




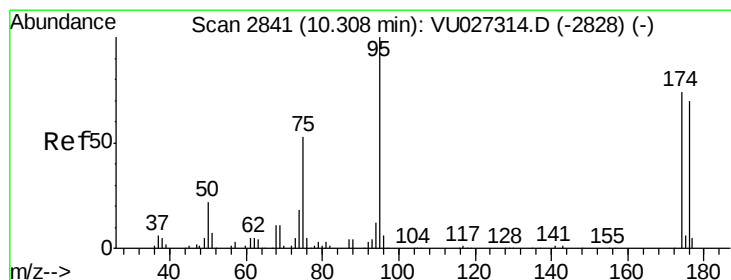
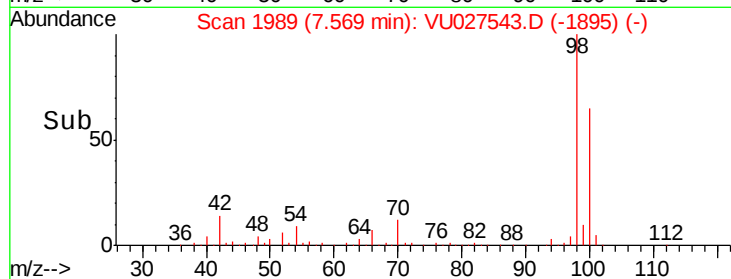
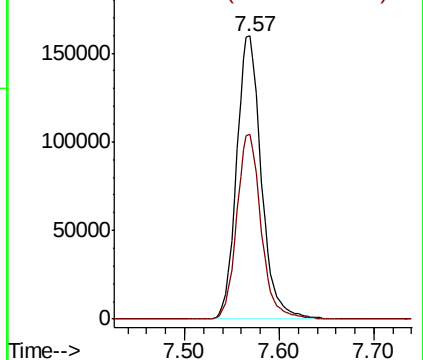
#50
Toluene-d8
Concen: 48.956 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU027543.D
Acq: 09 Oct 2018 23:52

Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-C

Tot Ion: 98 Resp: 290075
Ion Ratio Lower Upper
98 100
100 64.4 52.1 78.1

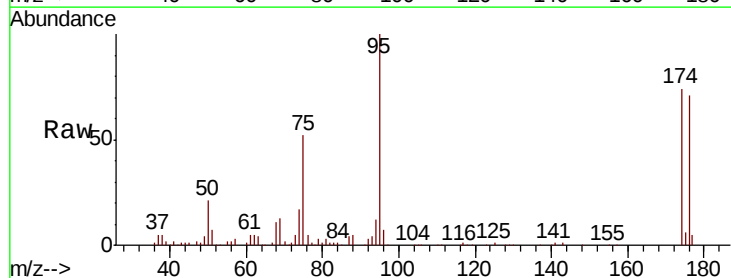


Abundance Ion 98.00 (97.70 to 98.70): VU027314.D (-1974) (-)
Ion 100.00 (99.70 to 100.70): VU027543.D (-1895) (-)

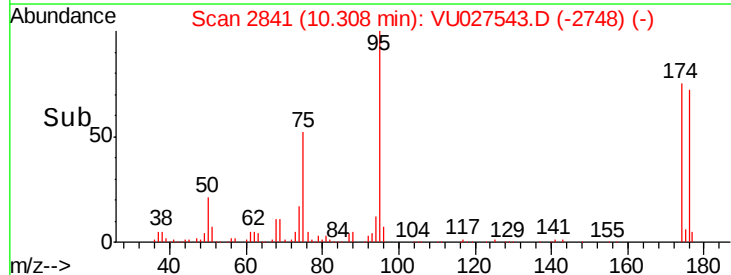
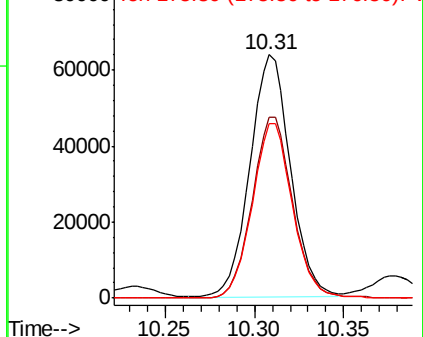


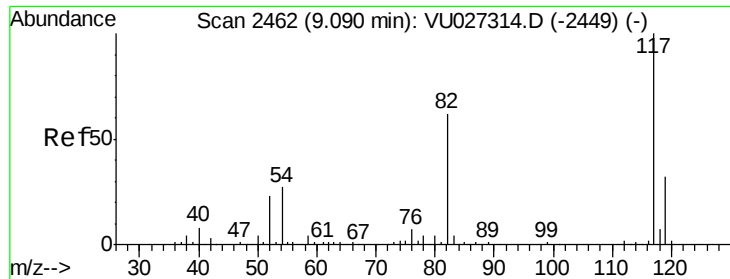
#62
4-Bromofluorobenzene
Concen: 45.986 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027543.D
Acq: 09 Oct 2018 23:52

Tgt Ion: 95 Resp: 101263
Ion Ratio Lower Upper
95 100
174 74.6 0.0 147.8
176 71.8 0.0 140.8



Abundance Ion 94.90 (94.60 to 95.60): VU027314.D (-2828) (-)
Ion 173.80 (173.50 to 174.50): VU027543.D (-2748) (-)
Ion 175.80 (175.50 to 176.50): VU027543.D (-2748) (-)

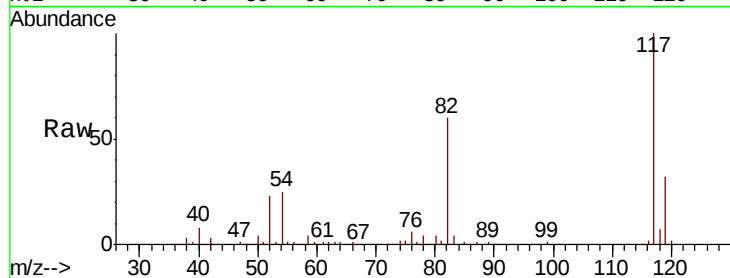




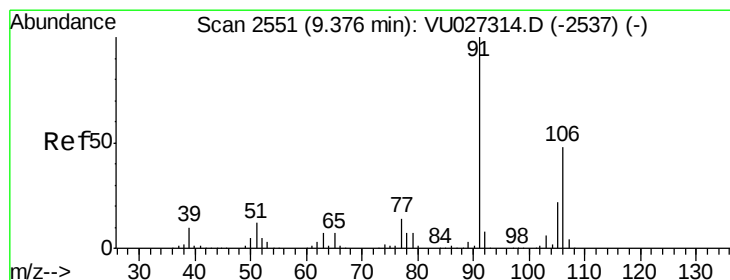
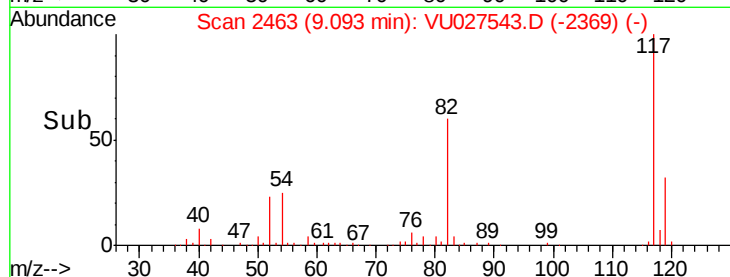
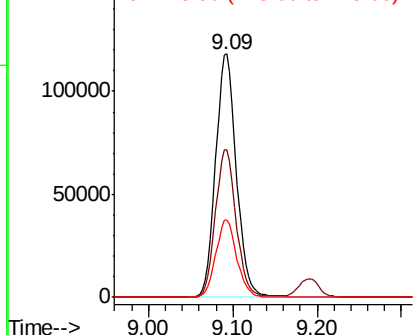
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027543.D
Acq: 09 Oct 2018 23:52

Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-C

Tot Ion:117 Resp: 202970
Ion Ratio Lower Upper
117 100
82 60.3 49.2 73.8
119 32.0 25.7 38.5

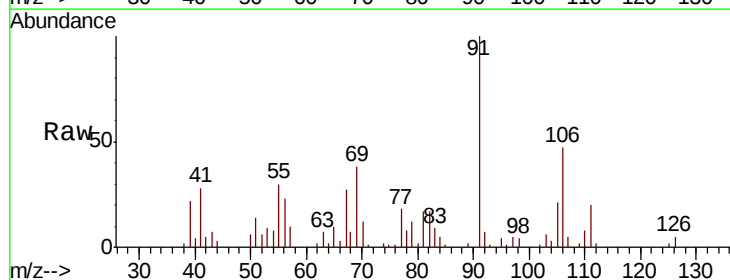


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

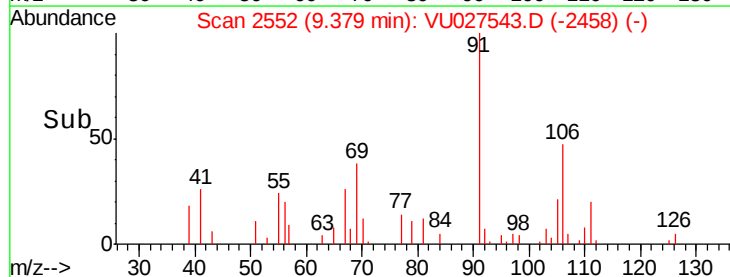
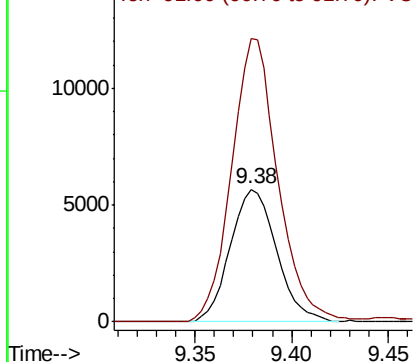


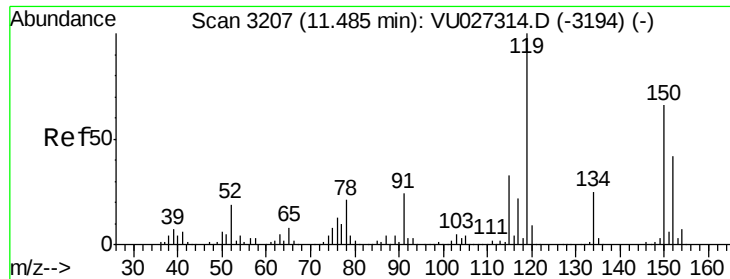
#68
m/p-Xylenes
Concen: 3.412 ug/l
RT: 9.38 min Scan# 2552
Delta R.T. 0.00 min
Lab File: VU027543.D
Acq: 09 Oct 2018 23:52

Tgt Ion:106 Resp: 9448
Ion Ratio Lower Upper
106 100
91 213.6 168.1 252.1



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



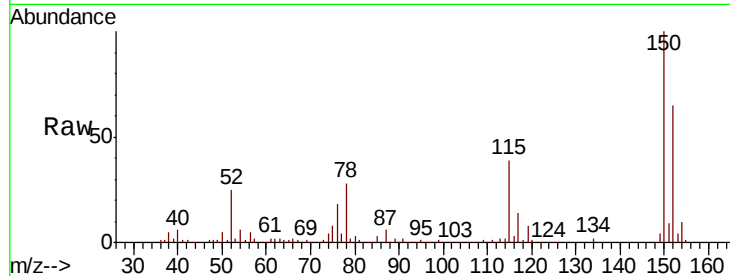


#72

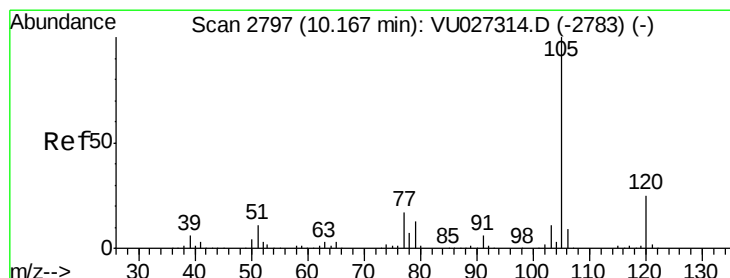
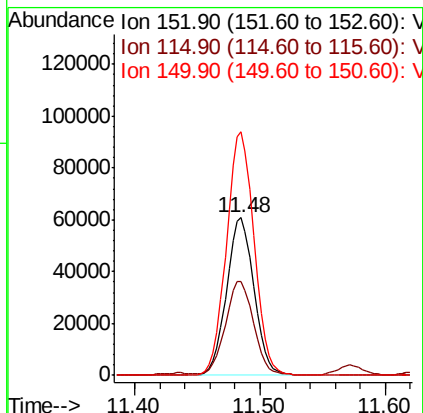
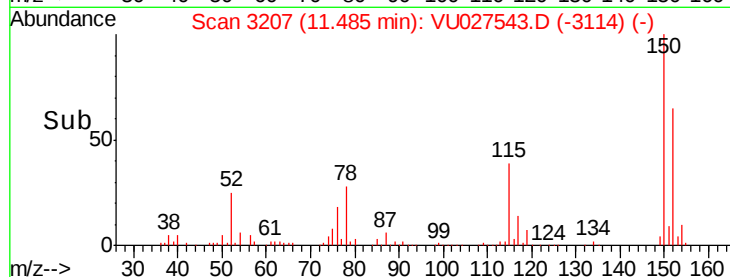
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027543.D
Acq: 09 Oct 2018 23:52

Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-C

Tot Ion:152 Resp: 92428
Ion Ratio Lower Upper
152 100
115 60.2 43.4 130.2
150 155.3 0.0 349.2



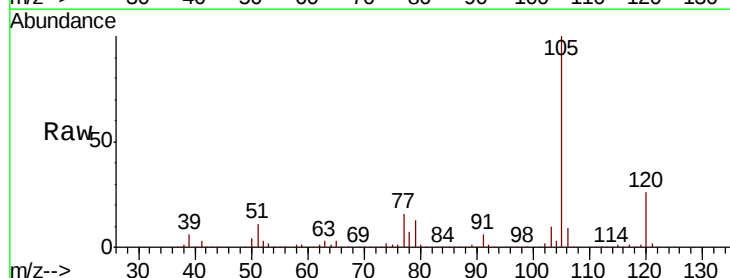
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



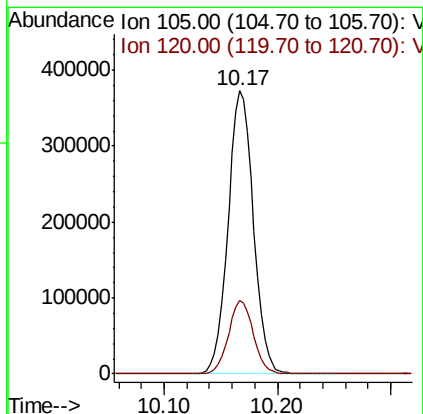
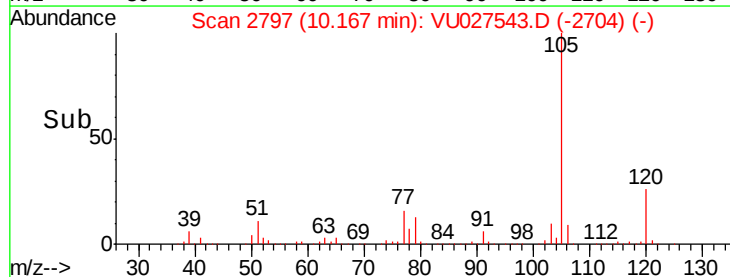
#73

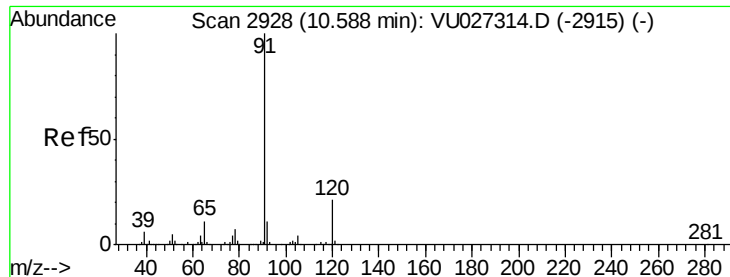
Isopropylbenzene
Concen: 86.327 ug/l
RT: 10.17 min Scan# 2797
Delta R.T. 0.00 min
Lab File: VU027543.D
Acq: 09 Oct 2018 23:52

Tgt Ion:105 Resp: 579503
Ion Ratio Lower Upper
105 100
120 25.5 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 113.550 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU027543.D

Acq: 09 Oct 2018 23:52

Instrument :

MSVOA_U

ClientSampleId :

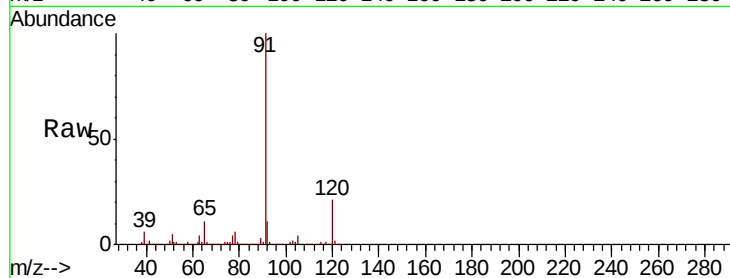
EP1-MW-C

Tot Ion: 91 Resp: 915943

Ion Ratio Lower Upper

91 100

120 21.3 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU027314.D (-2915) (-)

Ion 120.00 (119.70 to 120.70): VU027314.D (-2915) (-)

10.59

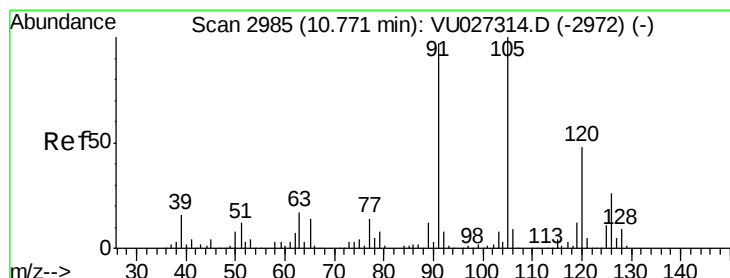
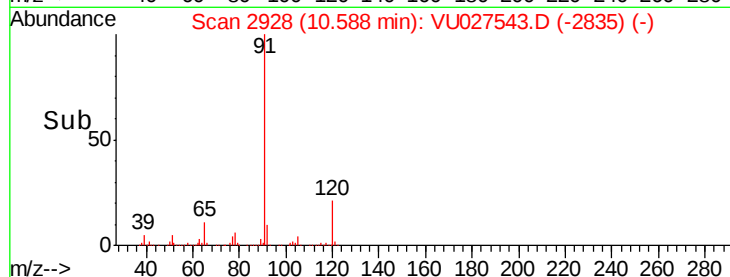
600000

400000

200000

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 4.877 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. 0.00 min

Lab File: VU027543.D

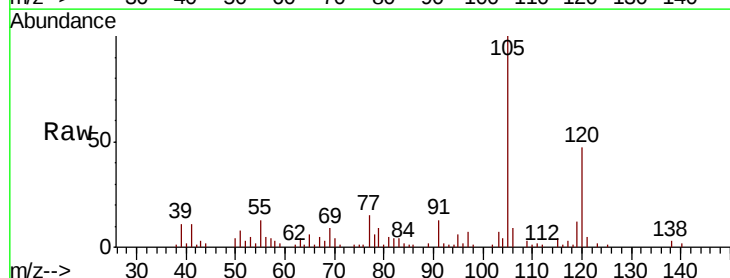
Acq: 09 Oct 2018 23:52

Tgt Ion:105 Resp: 26652

Ion Ratio Lower Upper

105 100

120 47.1 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VU027314.D (-2972) (-)

Ion 120.00 (119.70 to 120.70): VU027314.D (-2972) (-)

10.77

40000

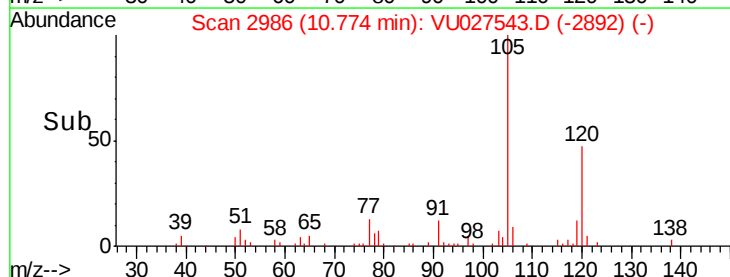
30000

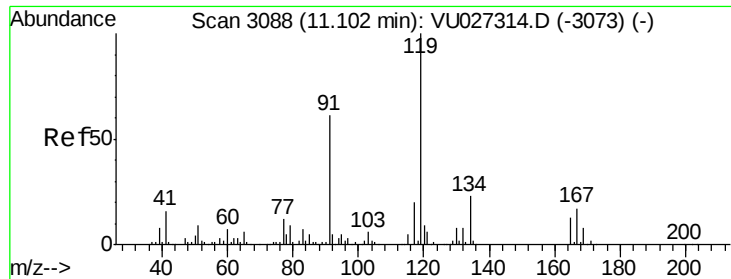
20000

10000

0

Time-->

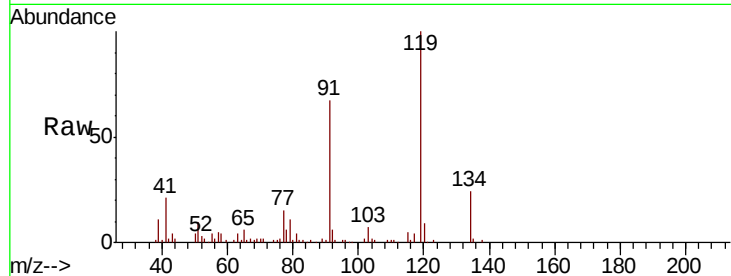




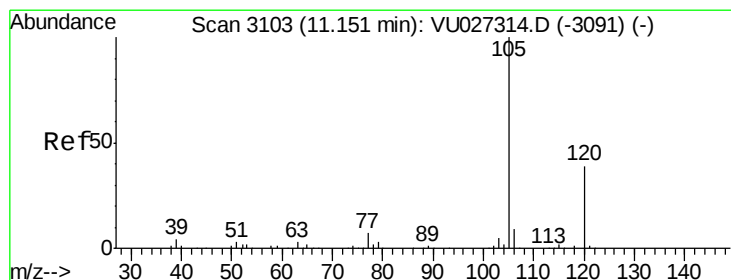
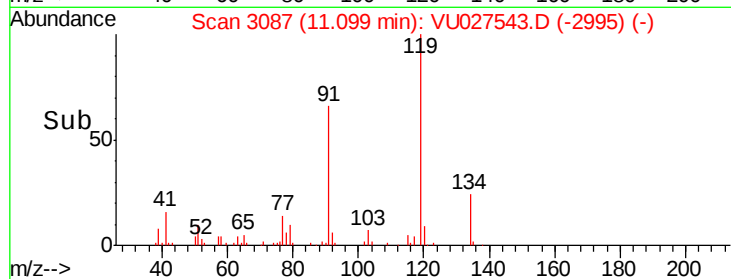
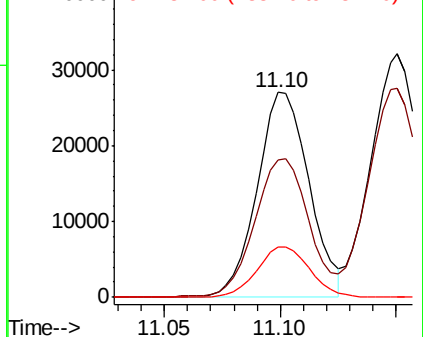
#83
tert-Butylbenzene
Concen: 7.953 ug/l
RT: 11.10 min Scan# 3087
Delta R.T. -0.00 min
Lab File: VU027543.D
Acq: 09 Oct 2018 23:52

Instrument :
MSVOA_U
ClientSampled :
EP1-MW-C

Tot Ion:119 Resp: 42021
Ion Ratio Lower Upper
119 100
91 71.3 30.3 91.0
134 24.9 11.5 34.4

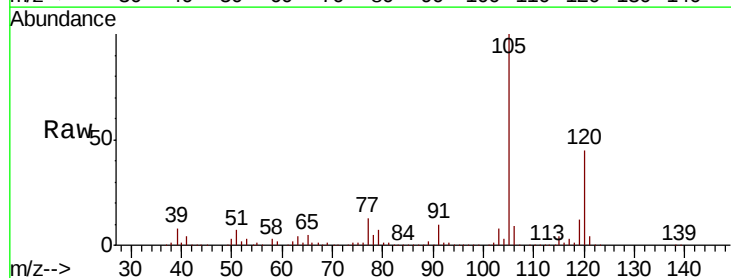


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VU0
Ion 134.00 (133.70 to 134.70): V

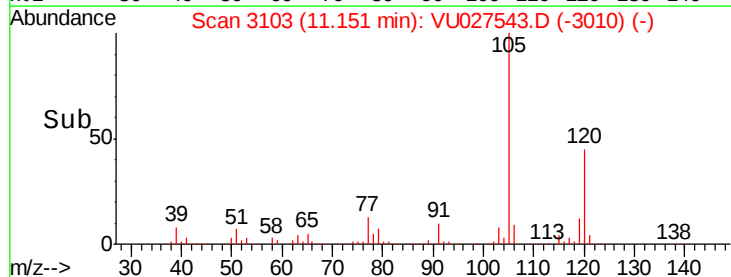
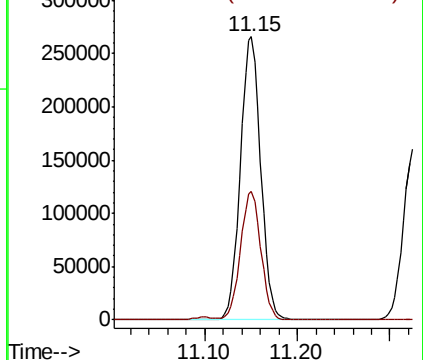


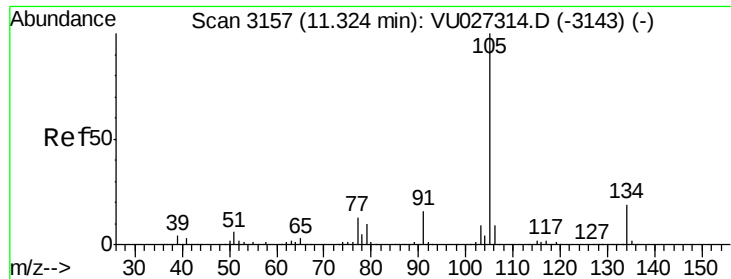
#84
1,2,4-Trimethylbenzene
Concen: 72.354 ug/l
RT: 11.15 min Scan# 3103
Delta R.T. 0.00 min
Lab File: VU027543.D
Acq: 09 Oct 2018 23:52

Tgt Ion:105 Resp: 403936
Ion Ratio Lower Upper
105 100
120 45.4 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

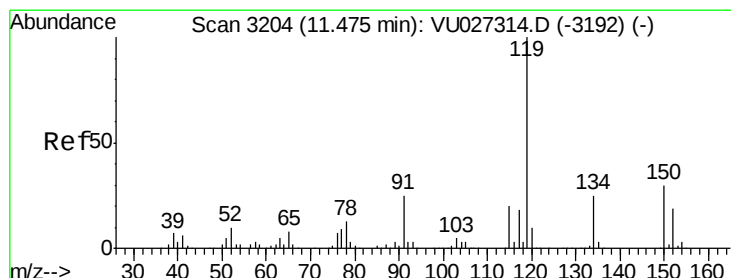
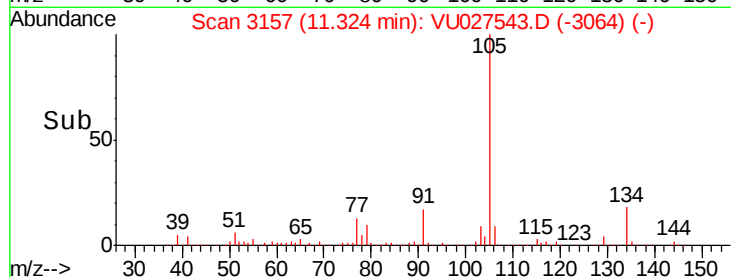
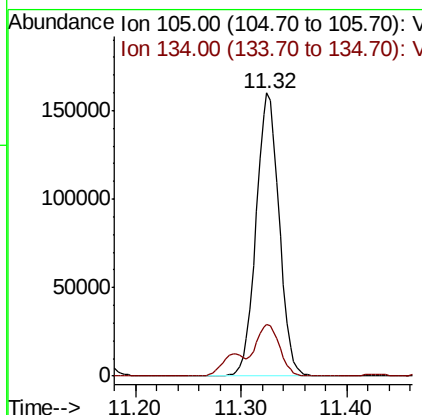
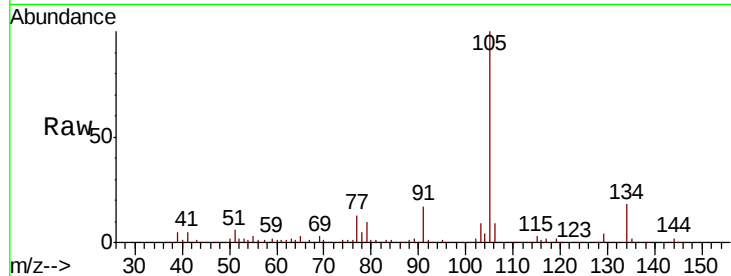




#85
 sec-Butylbenzene
 Concen: 36.571 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: VU027543.D
 Acq: 09 Oct 2018 23:52

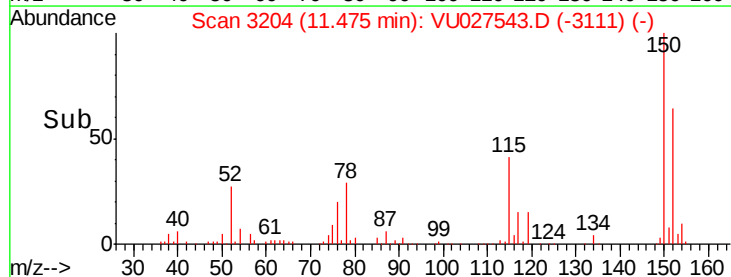
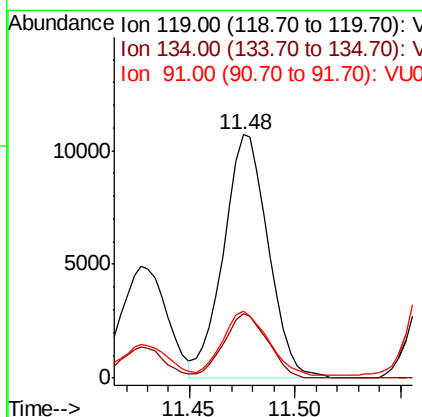
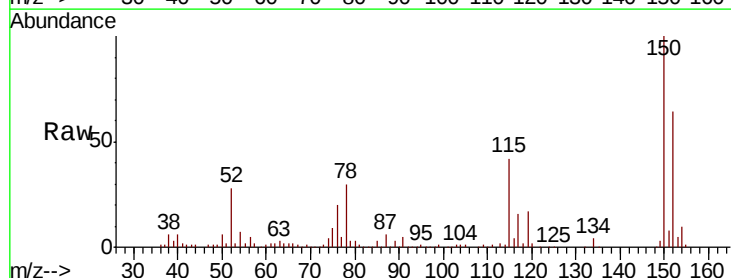
Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-MW-C

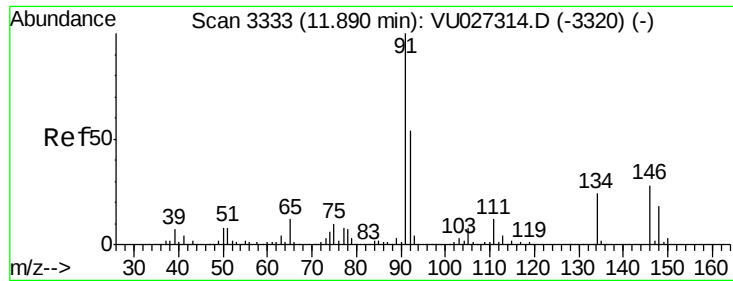
Tot Ion:105 Resp: 243459
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 2.762 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. 0.00 min
 Lab File: VU027543.D
 Acq: 09 Oct 2018 23:52

Tgt Ion:119 Resp: 15743
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.7 38.1
 91 26.4 12.2 36.4

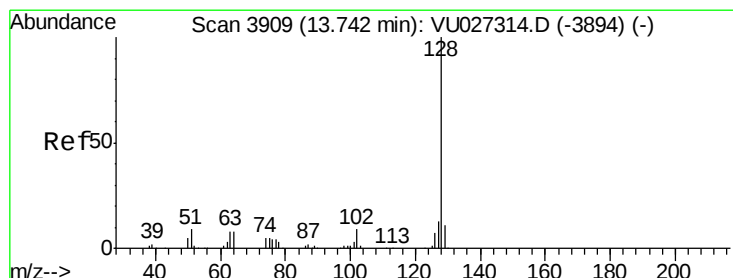
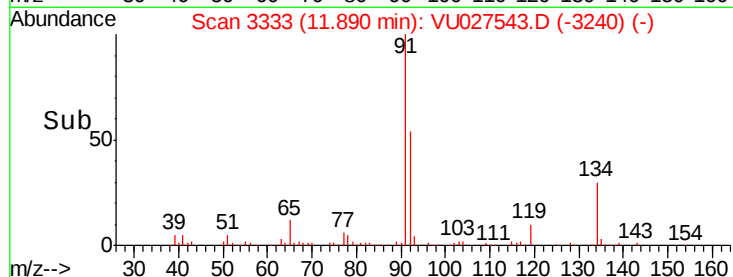
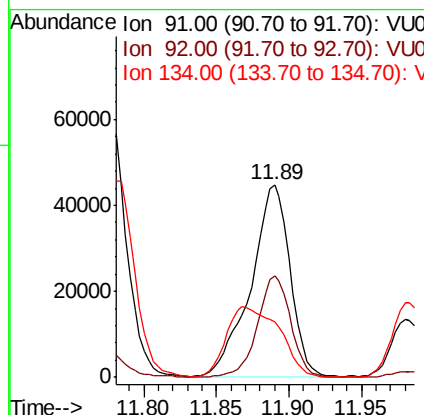
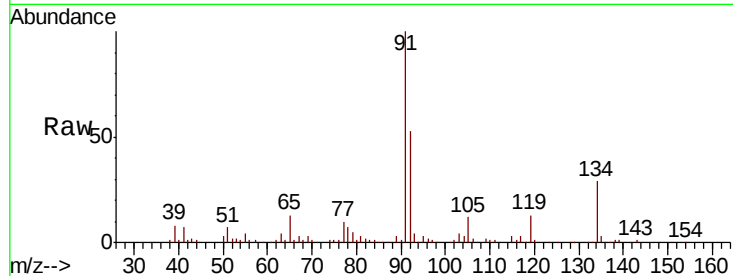




#89
n-Butylbenzene
Concen: 15.329 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. 0.00 min
Lab File: VU027543.D
Acq: 09 Oct 2018 23:52

Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-C

Tot Ion: 91 Resp: 84208
Ion Ratio Lower Upper
91 100
92 44.8 27.0 81.0
134 0.0 11.7 35.1#



#95
Naphthalene
Concen: 2.894 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU027543.D
Acq: 09 Oct 2018 23:52

Tgt Ion: 128 Resp: 8920
Ion Ratio Lower Upper
128 100
127 16.3 10.5 15.7#
129 26.8 8.6 12.8#

