

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101018\
 Data File : VU027566.D
 Acq On : 10 Oct 2018 13:40
 Operator : MD/SY
 Sample : J5165-23DL 5X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-MW-BDL

Quant Time: Oct 11 05:11:35 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	150313	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	248315	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	215886	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	95540	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	110010	43.83	ug/l	0.00
Spiked Amount			Recovery	=	87.66%	
35) Dibromofluoromethane	4.88	113	79869	46.93	ug/l	0.00
Spiked Amount			Recovery	=	93.86%	
50) Toluene-d8	7.57	98	309746	48.63	ug/l	0.00
Spiked Amount			Recovery	=	97.26%	
62) 4-Bromofluorobenzene	10.31	95	104988	44.35	ug/l	0.00
Spiked Amount			Recovery	=	88.70%	

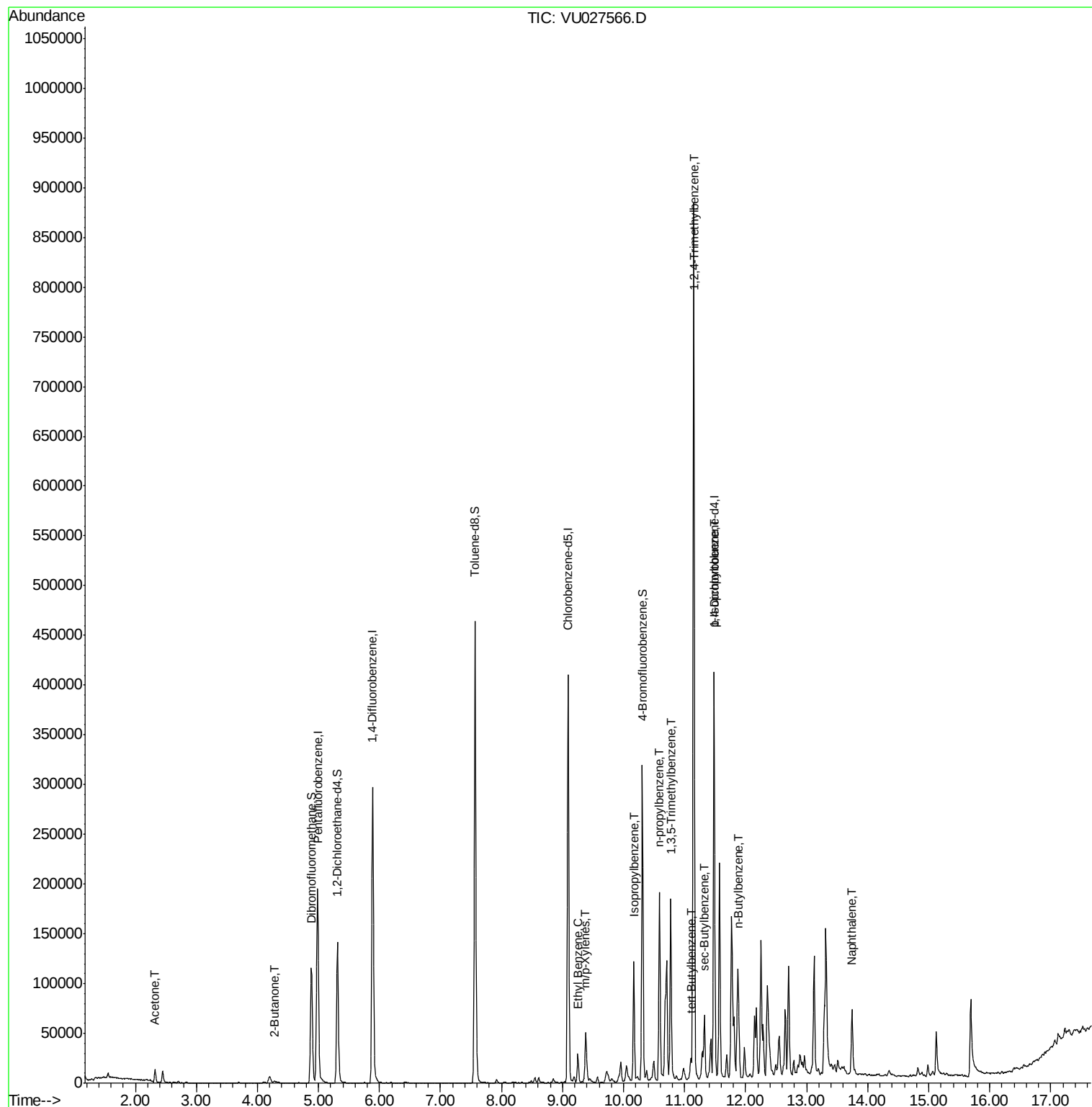
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.32	43	13235	8.926	ug/l	98
25) 2-Butanone	4.28	43	3782	1.870	ug/l #	90
67) Ethyl Benzene	9.25	91	18176	2.258	ug/l	100
68) m/p-Xylenes	9.38	106	11740	3.986	ug/l	99
73) Isopropylbenzene	10.17	105	75148	10.830	ug/l	99
78) n-propylbenzene	10.59	91	144677	17.352	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	94472	16.723	ug/l	100
83) tert-Butylbenzene	11.10	119	8479	1.553	ug/l	86
84) 1,2,4-Trimethylbenzene	11.15	105	467615	81.032	ug/l	99
85) sec-Butylbenzene	11.32	105	40806	5.930	ug/l	99
86) p-Isopropyltoluene	11.48	119	15107	2.564	ug/l	97
89) n-Butylbenzene	11.89	91	27394	6.160	ug/l #	51
95) Naphthalene	13.74	128	50798	8.459	ug/l	98

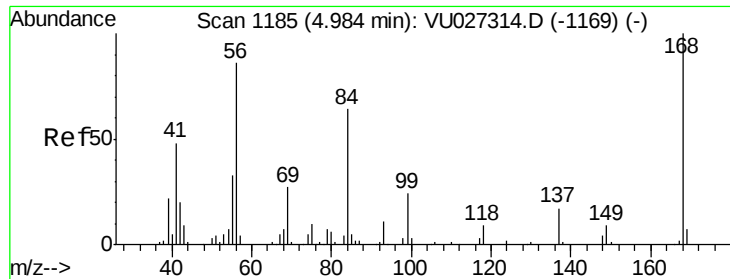
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU027566.D

Acq: 10 Oct 2018 13:40

Instrument :

MSVOA_U

ClientSampleId :

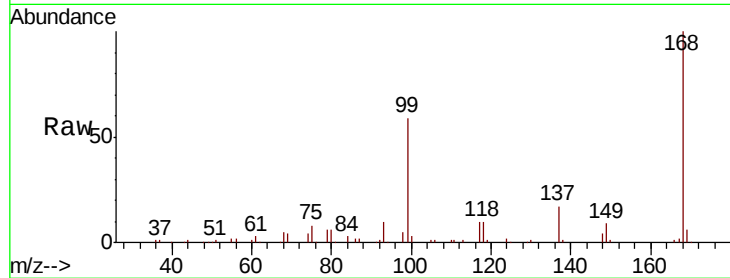
EP1-MW-BDL

Tot Ion:168 Resp: 150313

Ion Ratio Lower Upper

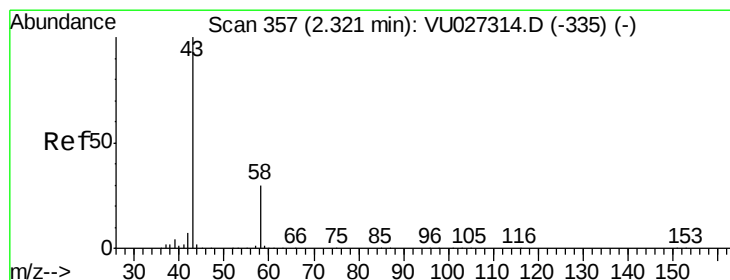
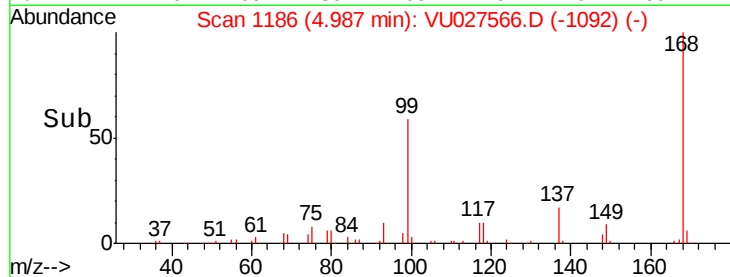
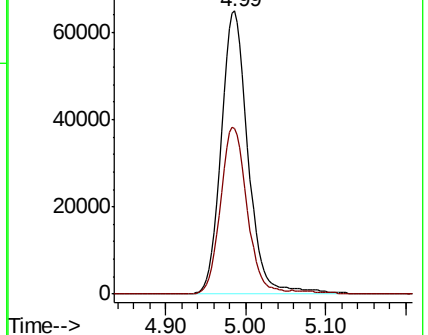
168 100

99 58.7 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: 8.926 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027566.D

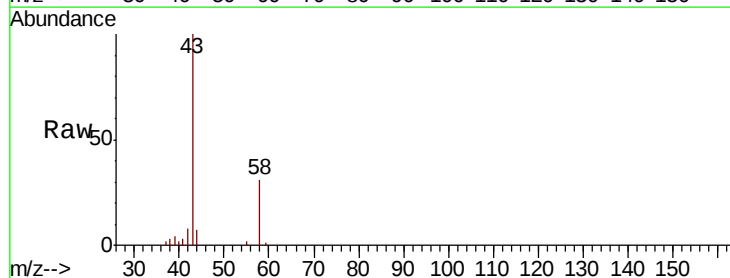
Acq: 10 Oct 2018 13:40

Tgt Ion: 43 Resp: 13235

Ion Ratio Lower Upper

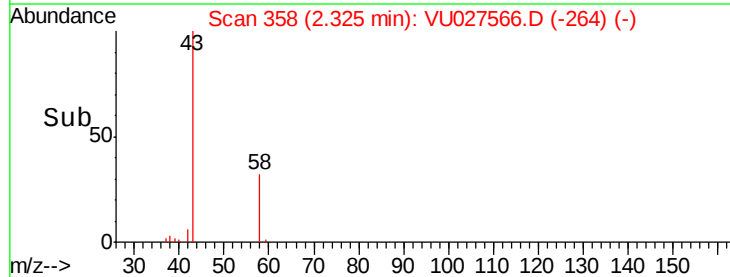
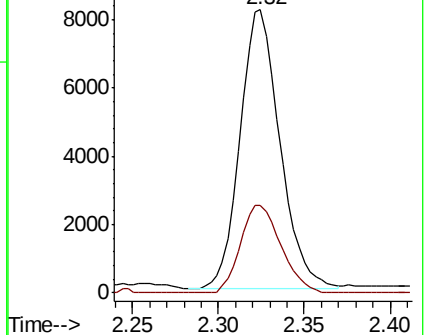
43 100

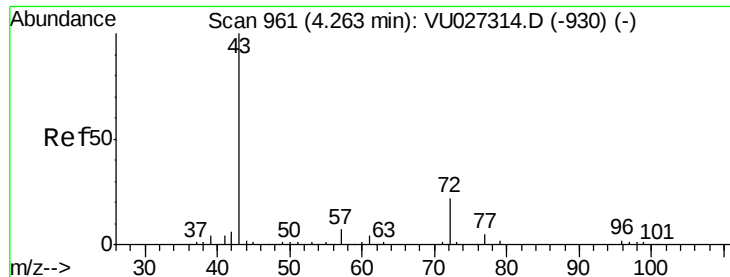
58 31.1 24.2 36.4



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

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

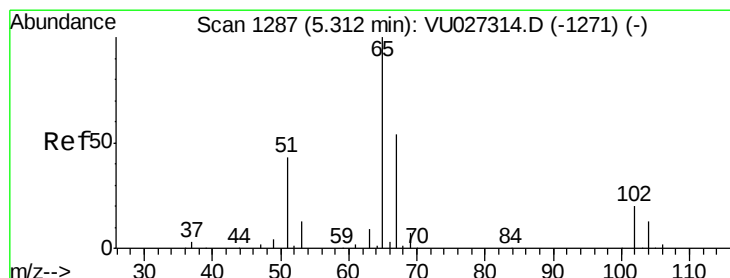
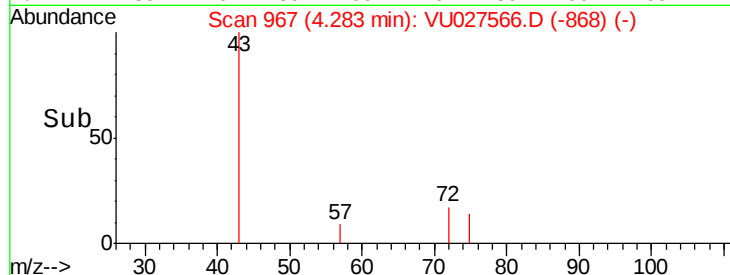
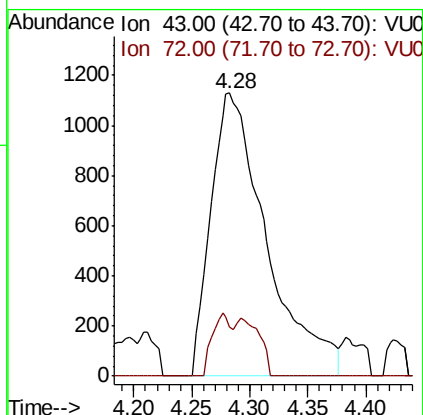
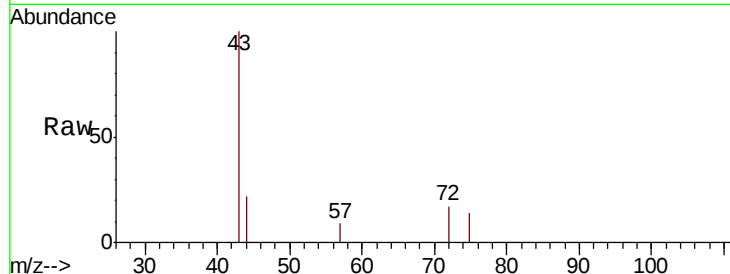




#25
 2-Butanone
 Concen: 1.870 ug/l
 RT: 4.28 min Scan# 967
 Delta R.T. 0.02 min
 Lab File: VU027566.D
 Acq: 10 Oct 2018 13:40

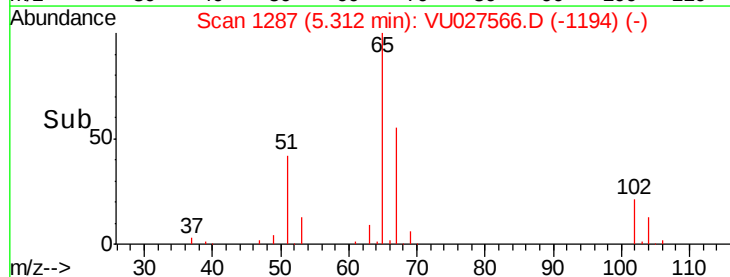
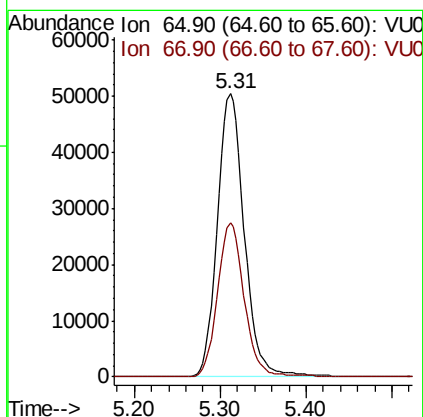
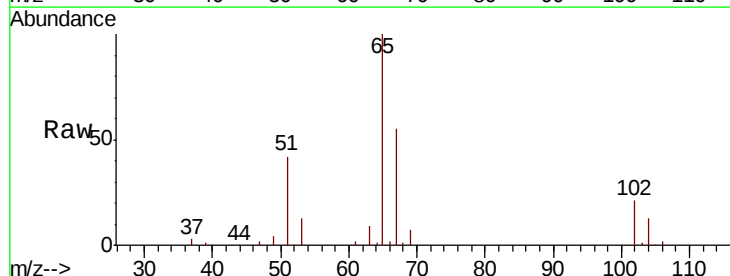
Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-MW-BDL

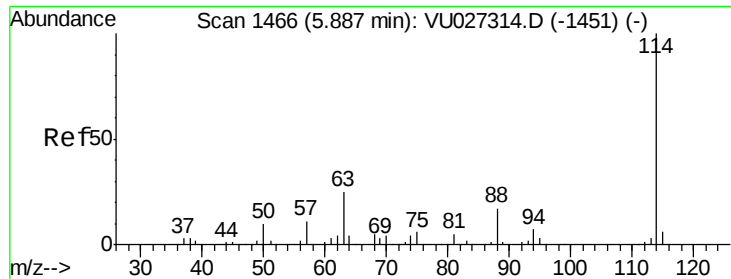
Tot Ion: 43 Resp: 3782
 Ion Ratio Lower Upper
 43 100
 72 17.4 17.8 26.6#



#33
 1,2-Dichloroethane-d4
 Concen: 43.829 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027566.D
 Acq: 10 Oct 2018 13:40

Tgt Ion: 65 Resp: 110010
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 107.8

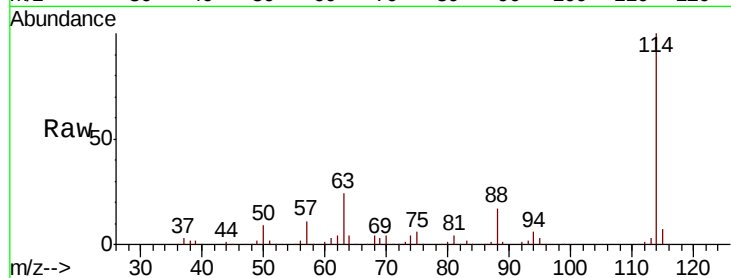




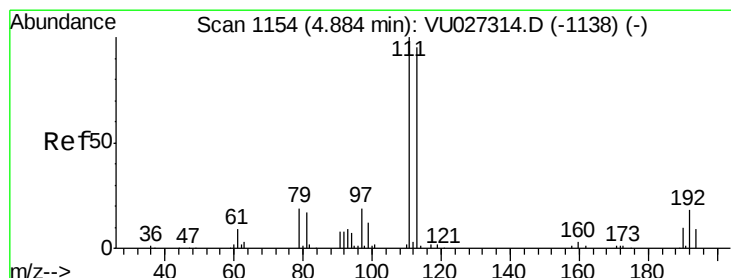
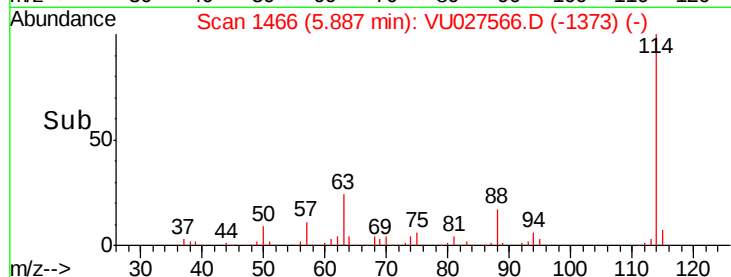
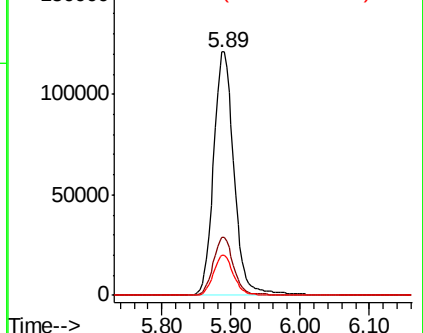
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU027566.D
 Acq: 10 Oct 2018 13:40

Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-MW-BDL

Tot Ion:114 Resp: 248315
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 50.2
 88 16.7 0.0 33.8

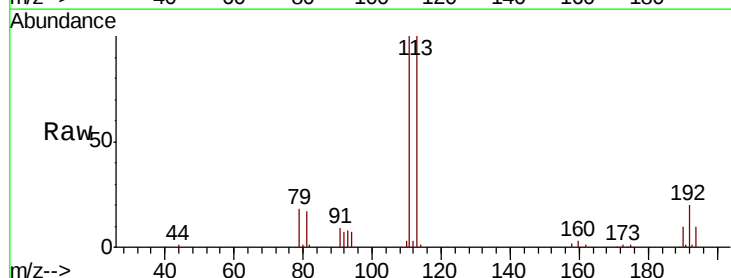


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

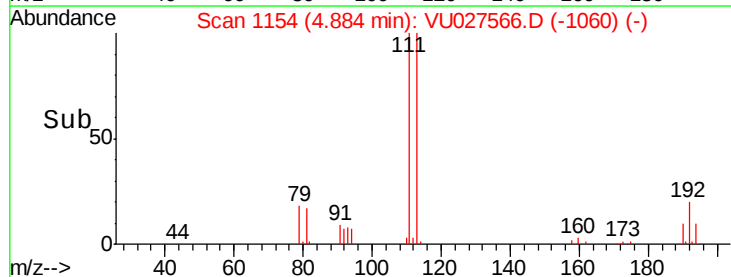
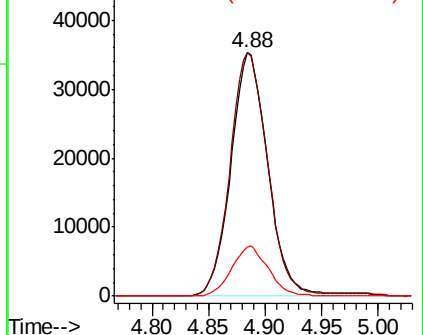


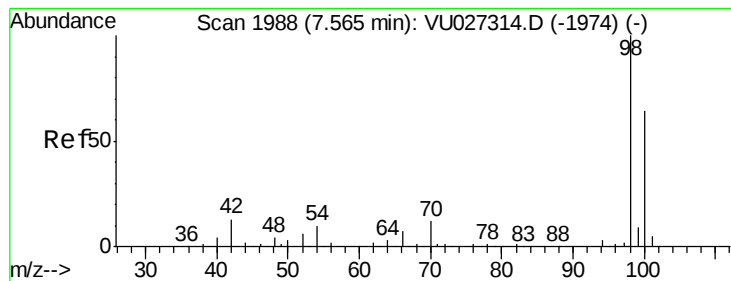
#35
 Dibromofluoromethane
 Concen: 46.933 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027566.D
 Acq: 10 Oct 2018 13:40

Tgt Ion:113 Resp: 79869
 Ion Ratio Lower Upper
 113 100
 111 101.8 83.1 124.7
 192 20.4 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





#50

Toluene-d8

Concen: 48.632 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VU027566.D

Acq: 10 Oct 2018 13:40

Instrument :

MSVOA_U

ClientSampleId :

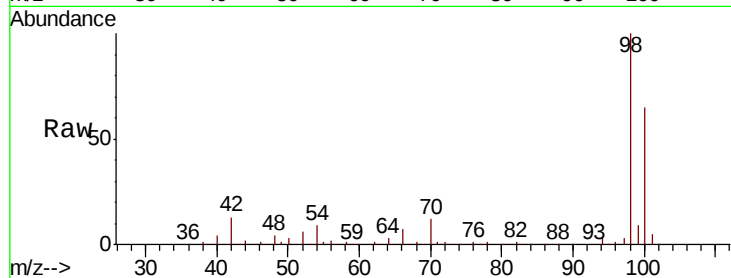
EP1-MW-BDL

Tot Ion: 98 Resp: 309746

Ion Ratio Lower Upper

98 100

100 64.7 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU027314.D (-1974) (-)

Ion 100.00 (99.70 to 100.70): VU027314.D (-1974) (-)

7.57

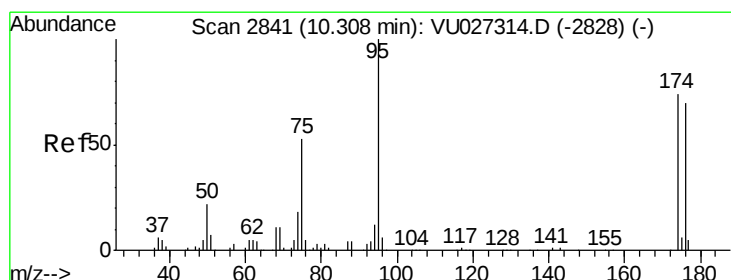
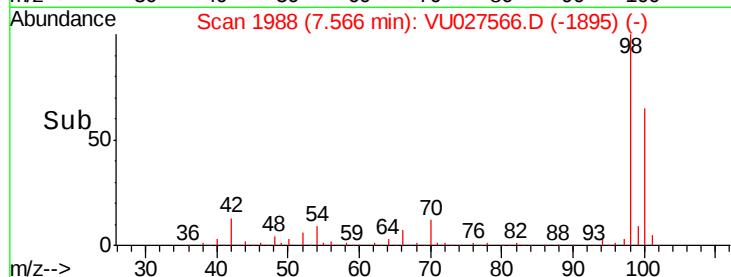
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.354 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027566.D

Acq: 10 Oct 2018 13:40

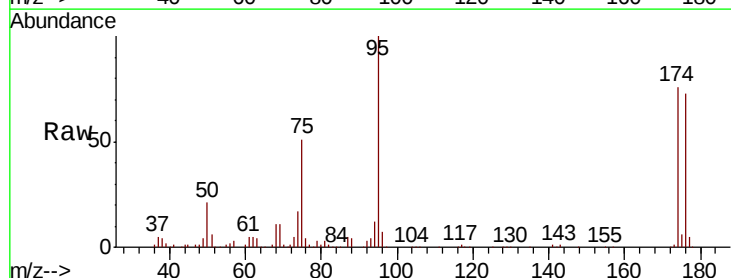
Tgt Ion: 95 Resp: 104988

Ion Ratio Lower Upper

95 100

174 76.2 0.0 147.8

176 73.7 0.0 140.8



Abundance Ion 94.90 (94.60 to 95.60): VU027314.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU027314.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU027314.D (-2828) (-)

10.31

80000

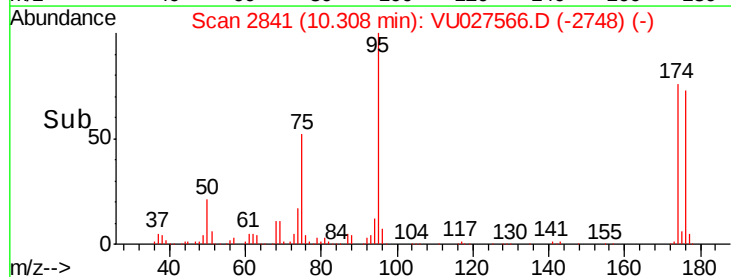
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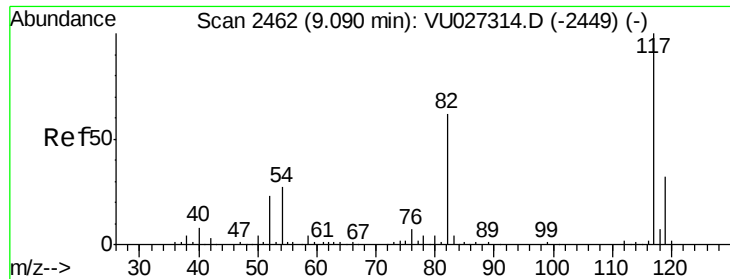
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20000

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Time-->

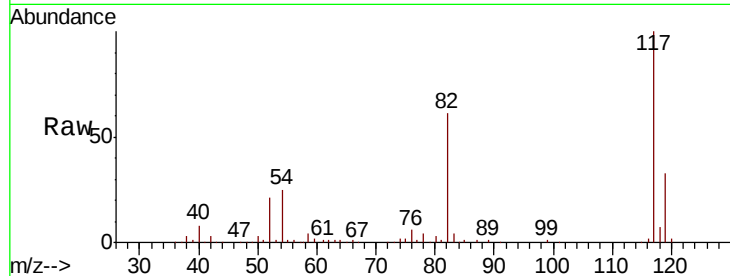




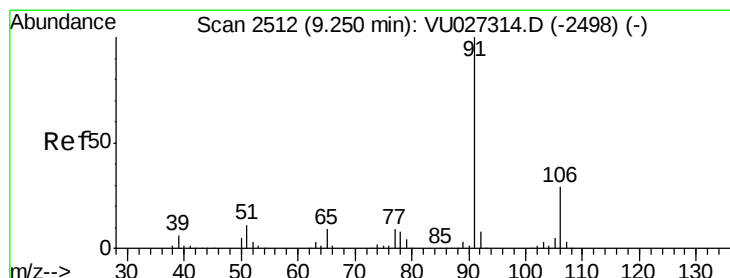
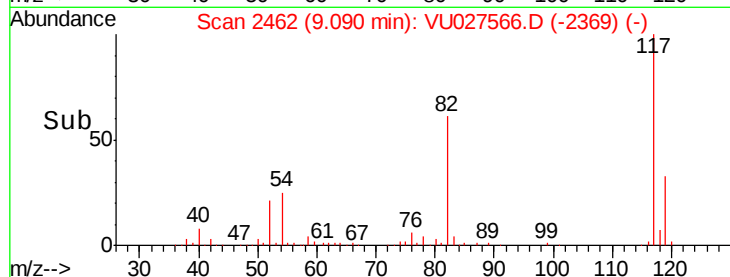
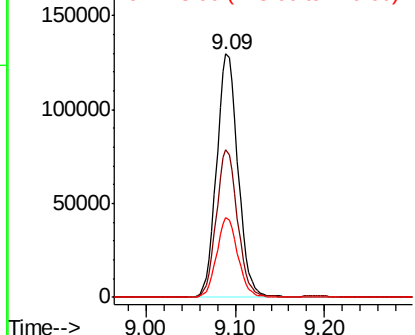
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU027566.D
Acq: 10 Oct 2018 13:40

Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-BDL

Tot Ion:117 Resp: 215886
Ion Ratio Lower Upper
117 100
82 60.6 49.2 73.8
119 32.6 25.7 38.5

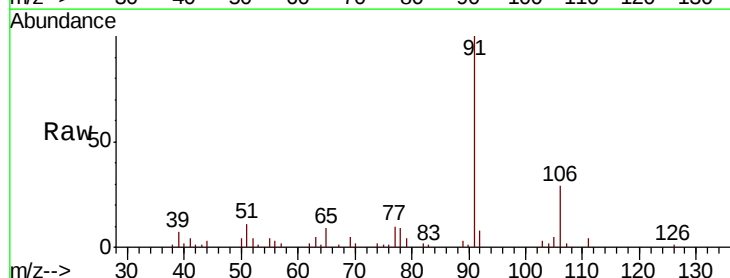


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

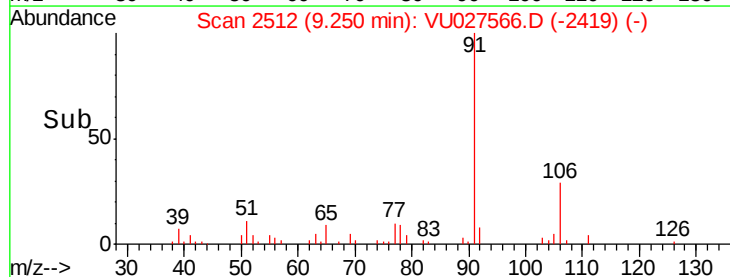
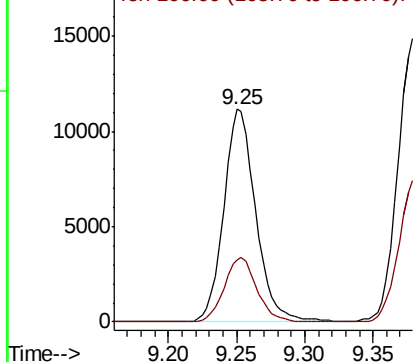


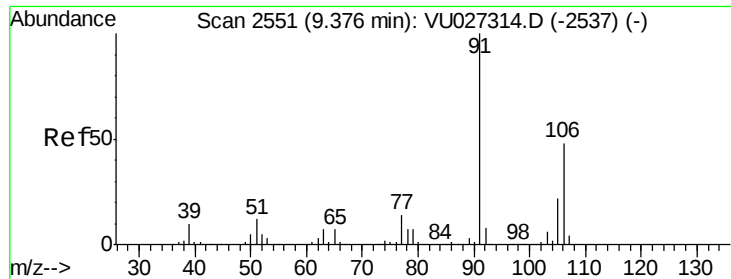
#67
Ethyl Benzene
Concen: 2.258 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU027566.D
Acq: 10 Oct 2018 13:40

Tgt Ion: 91 Resp: 18176
Ion Ratio Lower Upper
91 100
106 29.3 23.6 35.4



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

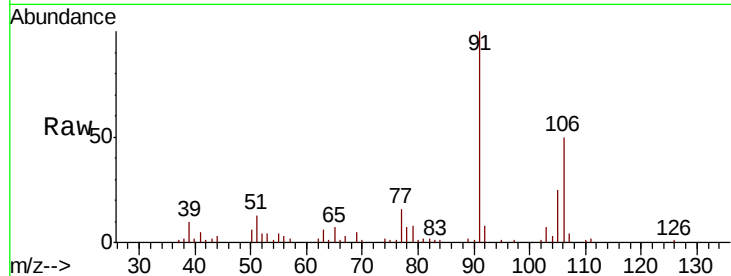




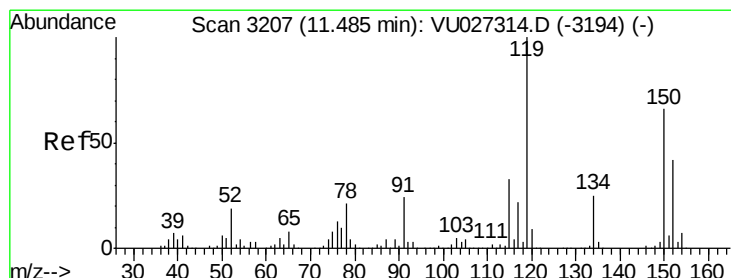
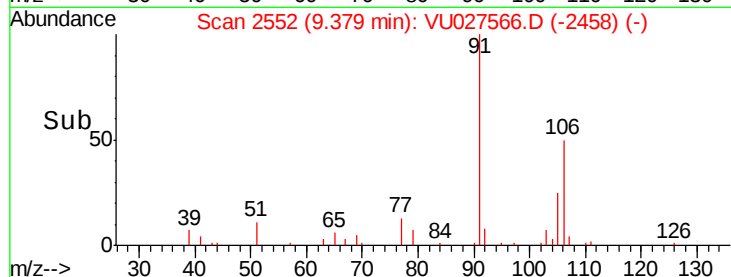
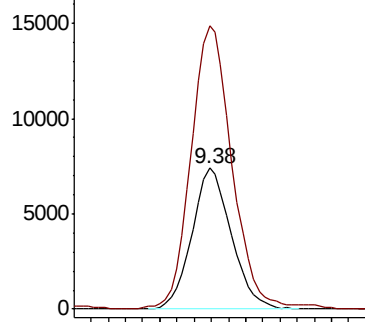
#68
m/p-Xvlenes
Concen: 3.986 ug/l
RT: 9.38 min Scan# 2552
Delta R.T. 0.00 min
Lab File: VU027566.D
Acq: 10 Oct 2018 13:40

Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-BDL

Tot Ion:106 Resp: 11740
Ion Ratio Lower Upper
106 100
91 208.3 168.1 252.1

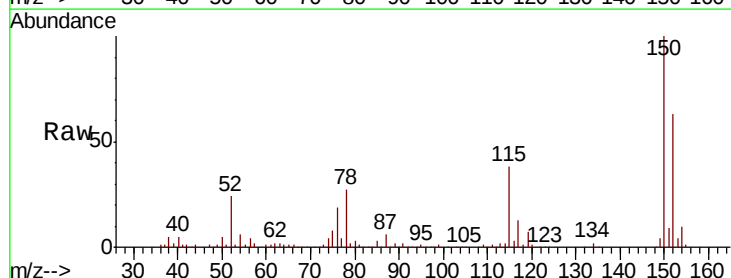


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

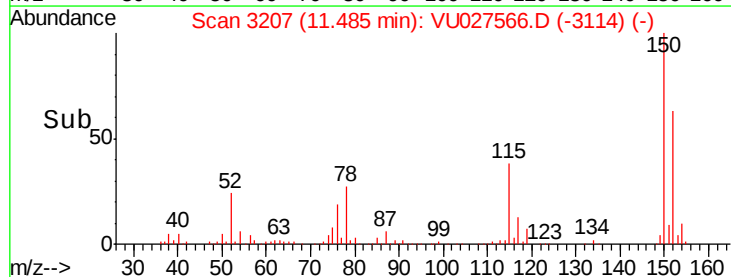
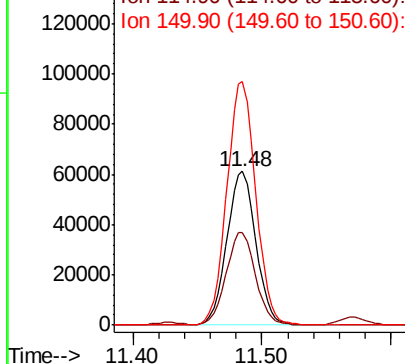


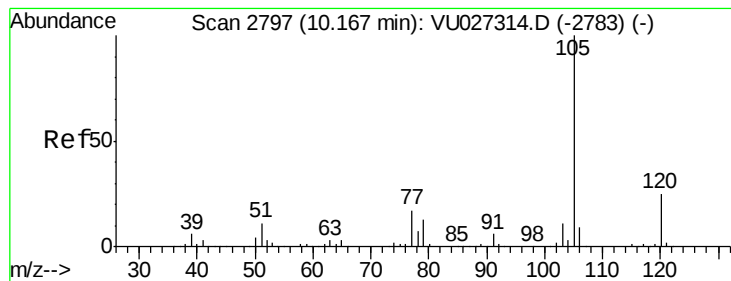
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027566.D
Acq: 10 Oct 2018 13:40

Tgt Ion:152 Resp: 95540
Ion Ratio Lower Upper
152 100
115 60.9 43.4 130.2
150 158.0 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: 10.830 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU027566.D

Acq: 10 Oct 2018 13:40

Instrument :

MSVOA_U

ClientSampled :

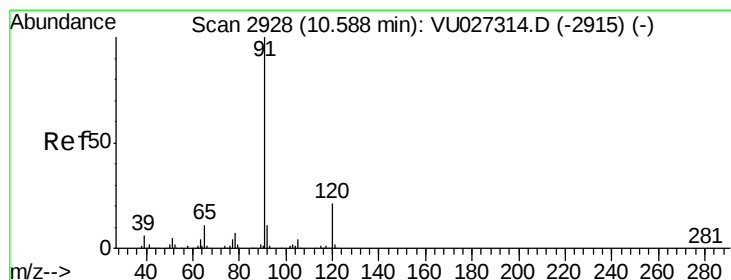
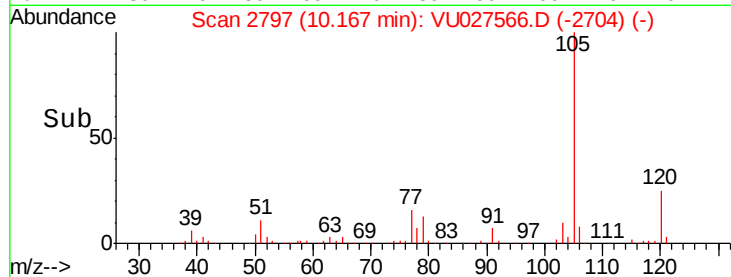
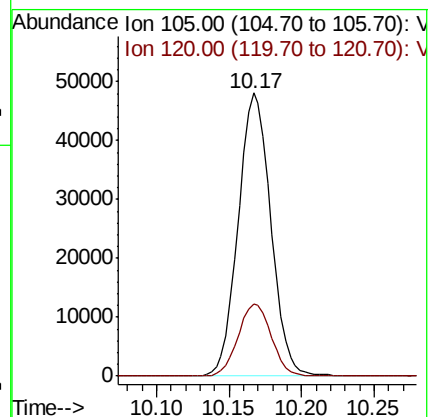
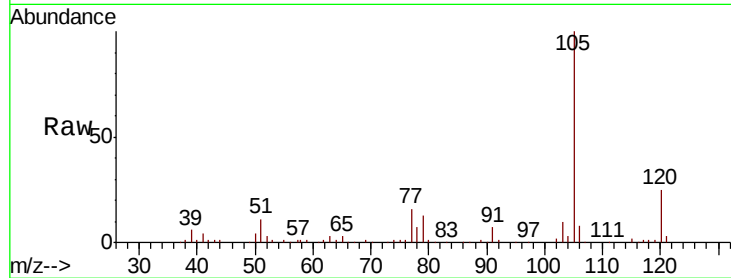
EP1-MW-BDL

Tot Ion:105 Resp: 75148

Ion Ratio Lower Upper

105 100

120 25.9 12.6 37.8



#78

n-propylbenzene

Concen: 17.352 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU027566.D

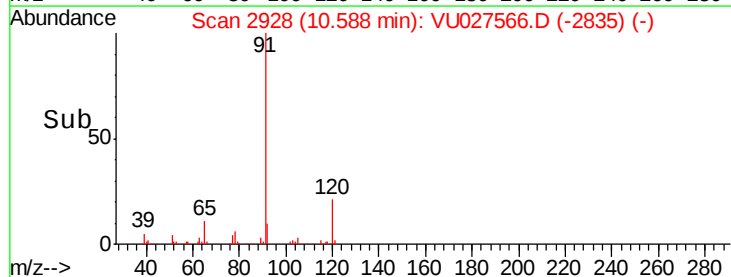
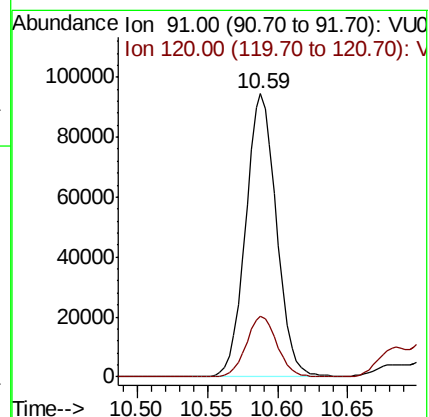
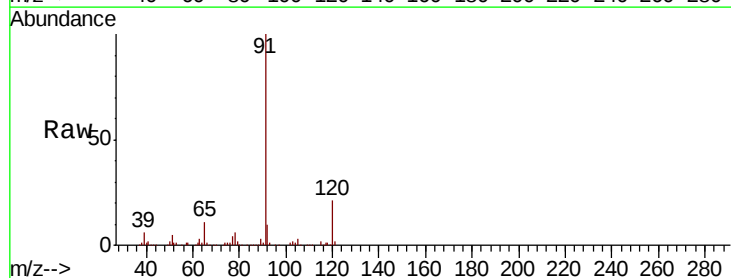
Acq: 10 Oct 2018 13:40

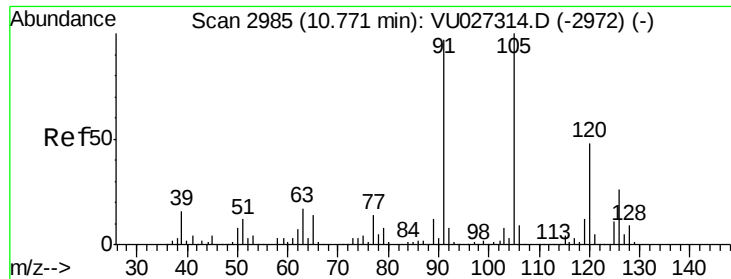
Tgt Ion: 91 Resp: 144677

Ion Ratio Lower Upper

91 100

120 21.4 10.6 31.8

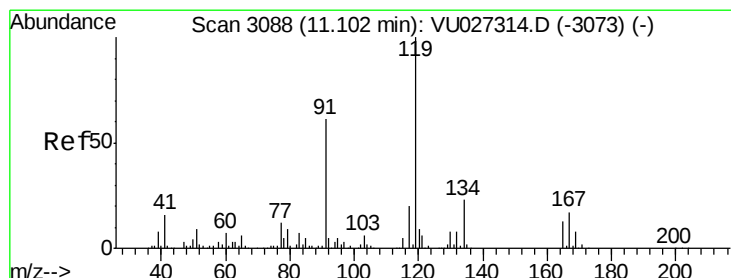
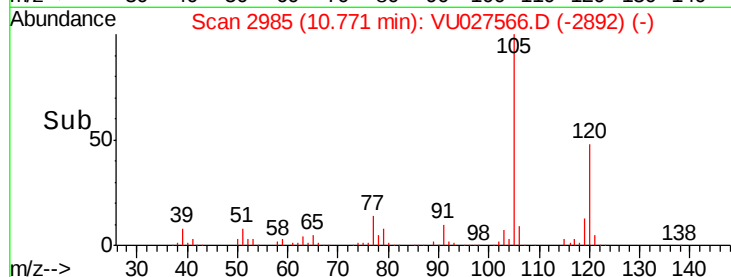
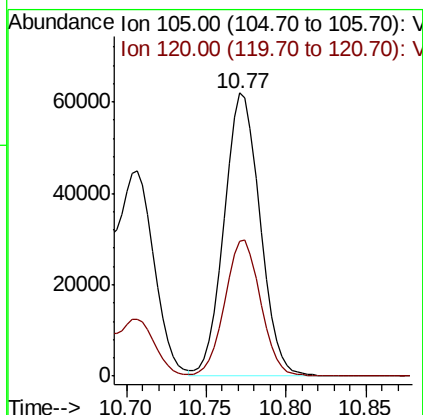
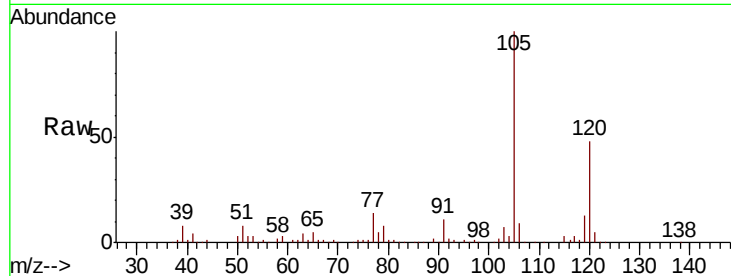




#80
 1,3,5-Trimethylbenzene
 Concen: 16.723 ug/l
 RT: 10.77 min Scan# 2985
 Delta R.T. 0.00 min
 Lab File: VU027566.D
 Acq: 10 Oct 2018 13:40

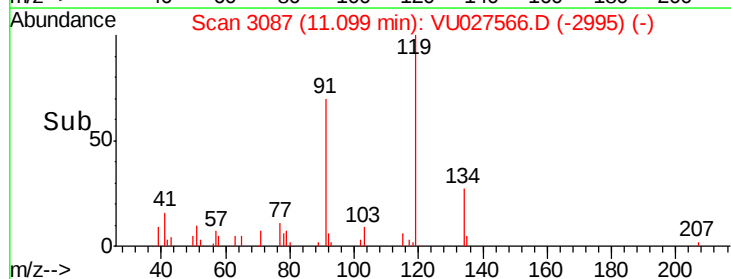
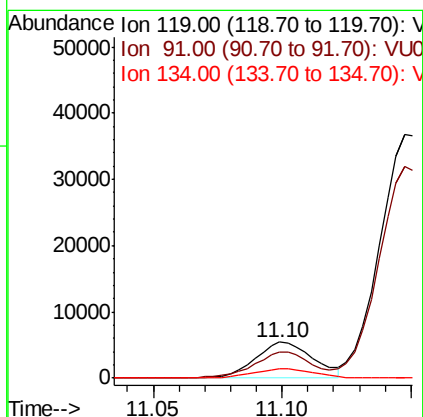
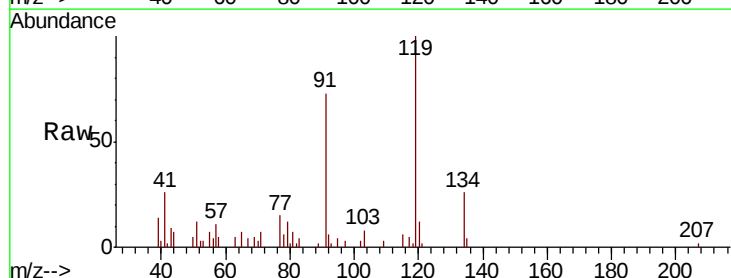
Instrument :
 MSVOA_U
 ClientSampled :
 EP1-MW-BDL

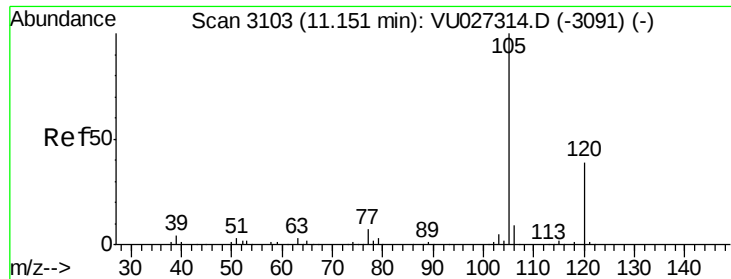
Tot Ion:105 Resp: 94472
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.1 72.4



#83
 tert-Butylbenzene
 Concen: 1.553 ug/l
 RT: 11.10 min Scan# 3087
 Delta R.T. -0.00 min
 Lab File: VU027566.D
 Acq: 10 Oct 2018 13:40

Tgt Ion:119 Resp: 8479
 Ion Ratio Lower Upper
 119 100
 91 73.2 30.3 91.0
 134 26.1 11.5 34.4

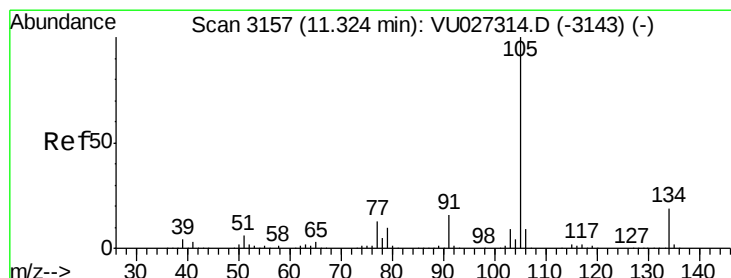
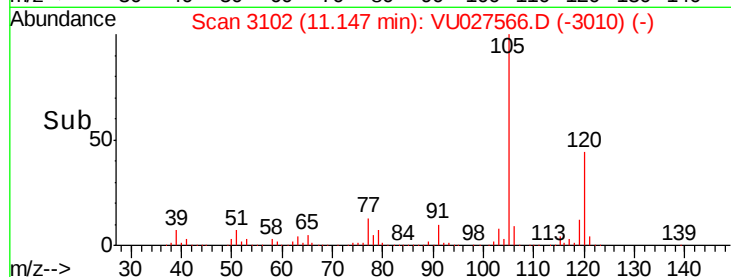
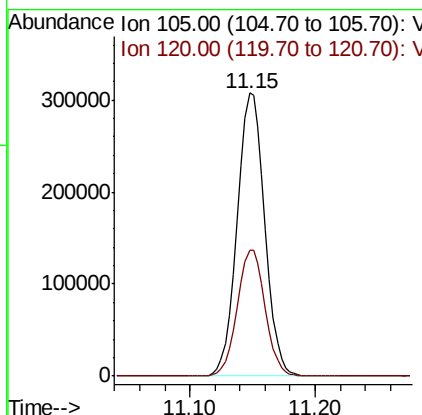
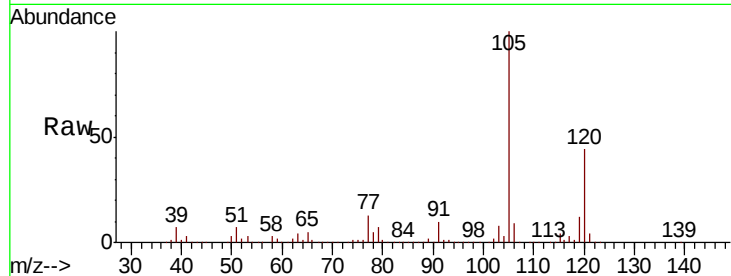




#84
 1,2,4-Trimethylbenzene
 Concen: 81.032 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. -0.00 min
 Lab File: VU027566.D
 Acq: 10 Oct 2018 13:40

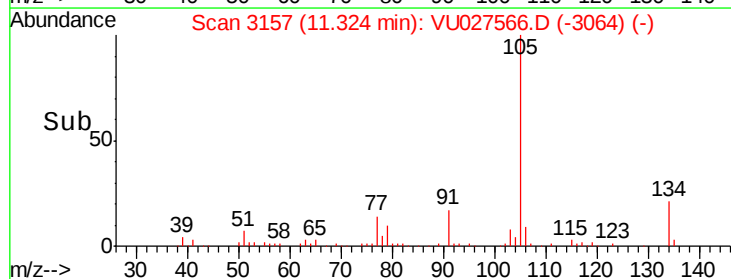
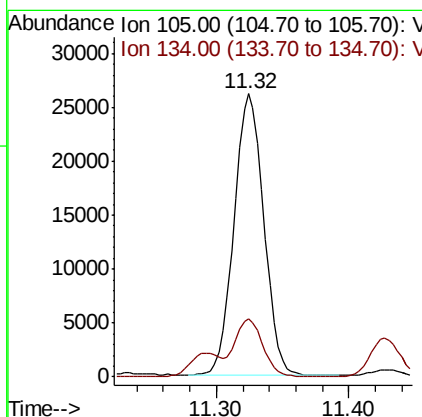
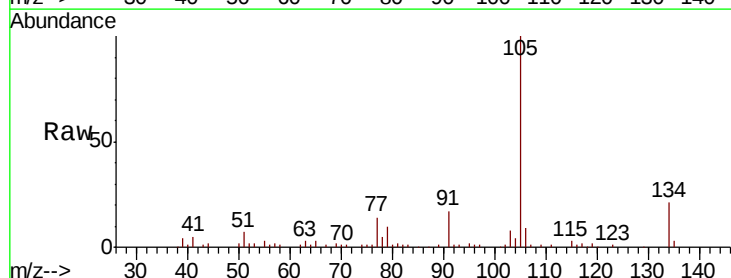
Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-MW-BDL

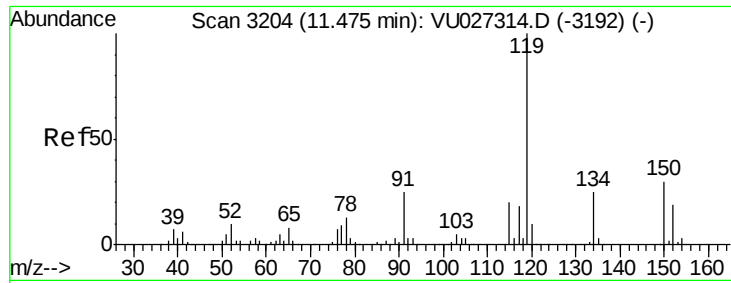
Tot Ion:105 Resp: 467615
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.1 66.5



#85
 sec-Butylbenzene
 Concen: 5.930 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: VU027566.D
 Acq: 10 Oct 2018 13:40

Tgt Ion:105 Resp: 40806
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.6 28.6

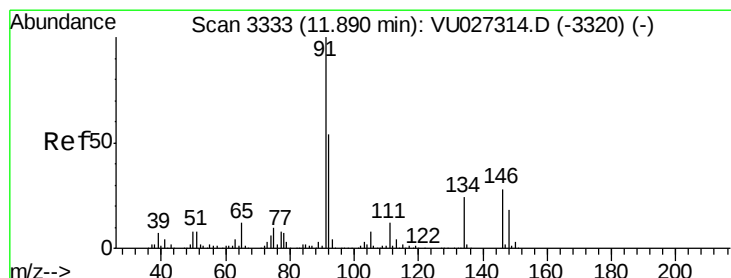
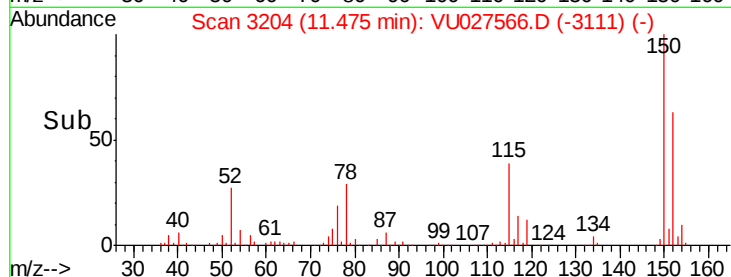
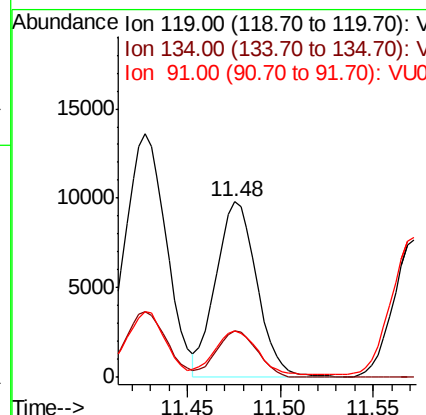
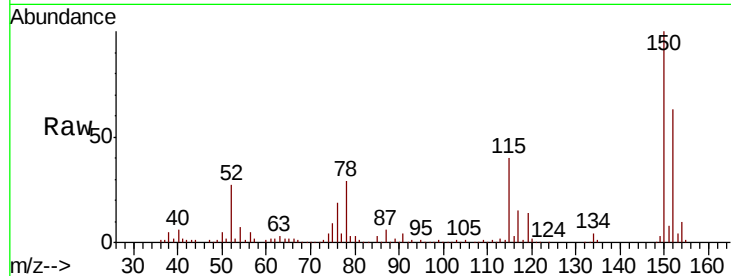




#86
 p-Isopropyltoluene
 Concen: 2.564 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. 0.00 min
 Lab File: VU027566.D
 Acq: 10 Oct 2018 13:40

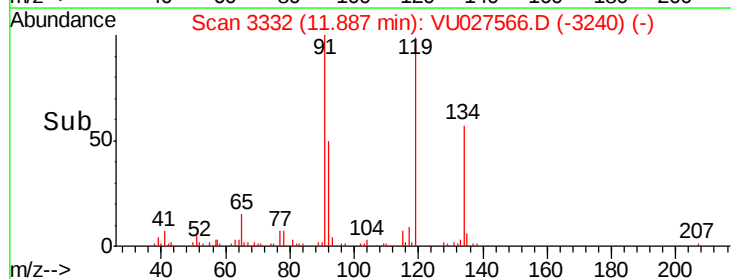
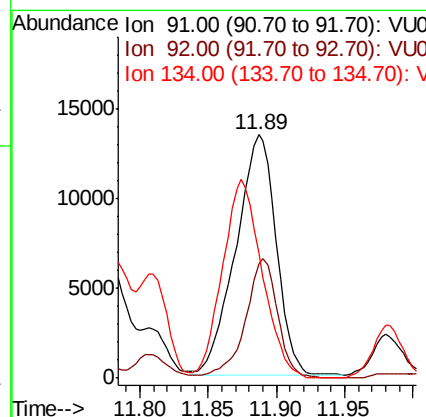
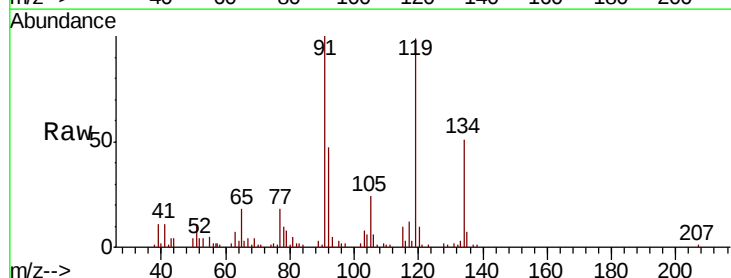
Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-MW-BDL

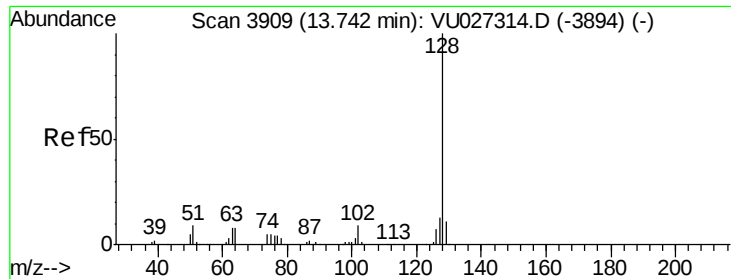
Tot Ion	Ratio	Lower	Upper
119	100		
134	26.3	12.7	38.1
91	26.2	12.2	36.4



#89
 n-Butylbenzene
 Concen: 6.160 ug/l
 RT: 11.89 min Scan# 3332
 Delta R.T. -0.00 min
 Lab File: VU027566.D
 Acq: 10 Oct 2018 13:40

Tgt Ion	Ratio	Lower	Upper
91	100		
92	40.2	27.0	81.0
134	81.6	11.7	35.1

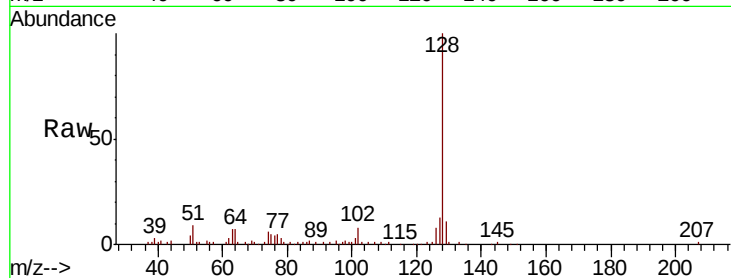




#95
Naphthalene
Concen: 8.459 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU027566.D
Acq: 10 Oct 2018 13:40

Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-BDL

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.5	15.7
129	11.7	8.6	12.8



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

