

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121718\
 Data File : VU028752.D
 Acq On : 18 Dec 2018 04:47
 Operator : MD/SY
 Sample : J6411-18DL 5X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-MW-K-1218DL

Quant Time: Dec 18 08:38:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 07 00:39:42 2018
 Response via : Initial Calibration

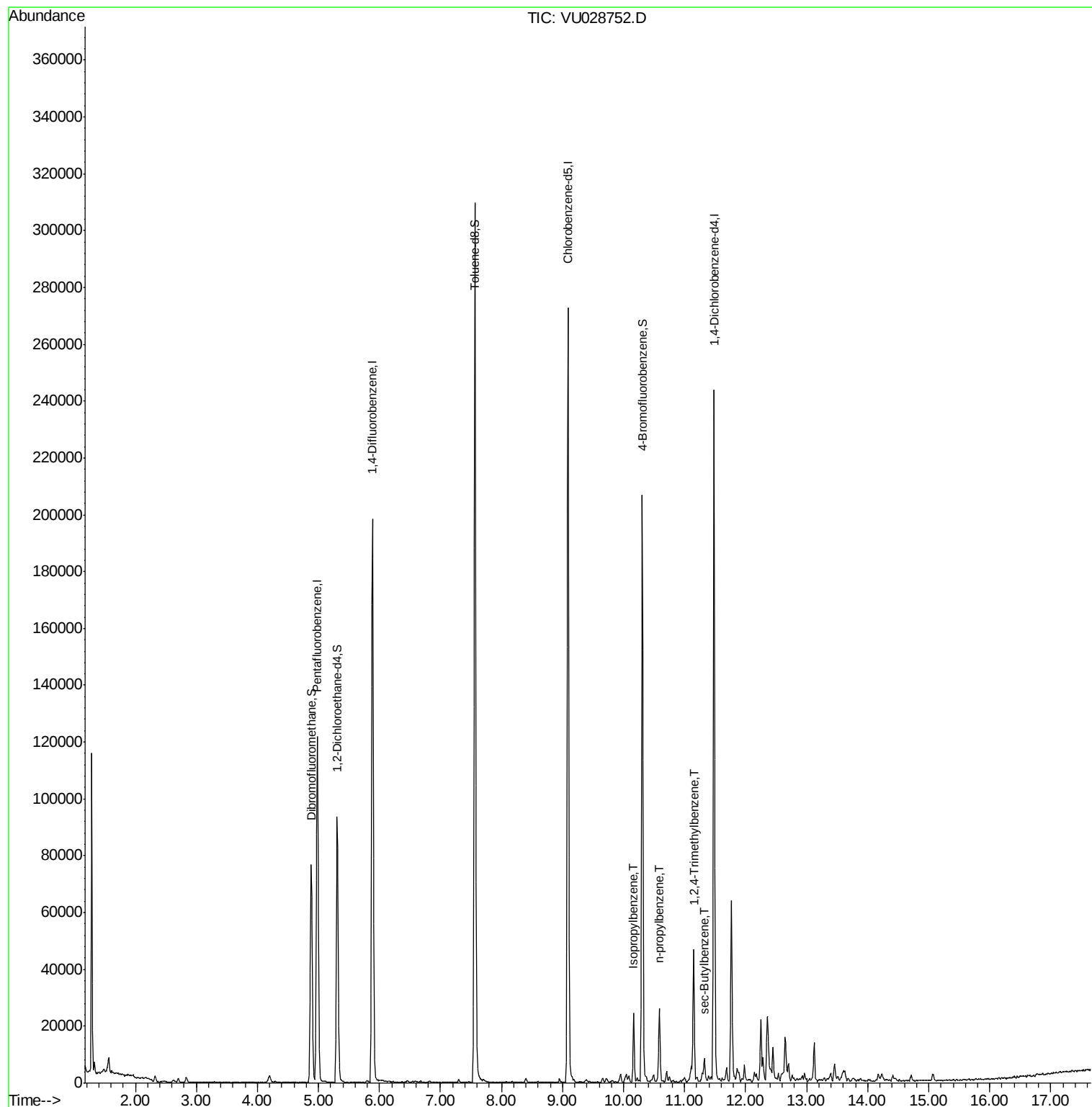
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	90764	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	162557	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	144368	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	58707	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	72316	52.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.42%	
35) Dibromofluoromethane	4.88	113	53172	51.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.96%	
50) Toluene-d8	7.57	98	208473	51.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.04%	
62) 4-Bromofluorobenzene	10.30	95	69909	46.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.44%	
Target Compounds						
73) Isopropylbenzene	10.17	105	15357	3.409	ug/l	97
78) n-propylbenzene	10.58	91	20938	3.741	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	24493	6.373	ug/l	97
85) sec-Butylbenzene	11.32	105	5198	1.126	ug/l	96

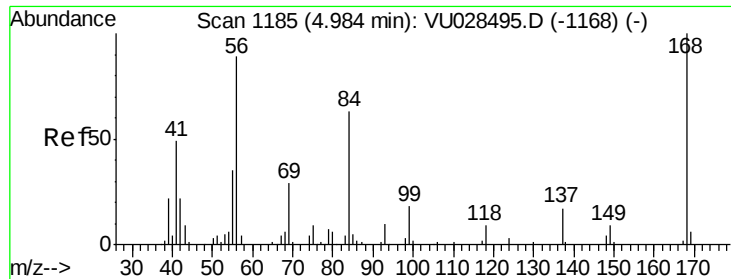
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU028752.D

Acq: 18 Dec 2018 04:47

Instrument :

MSVOA_U

ClientSampleId :

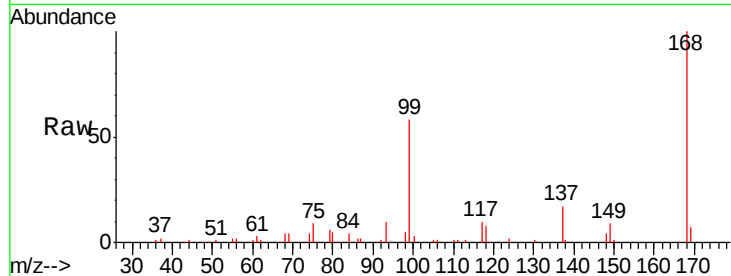
EP1-MW-K-1218DL

Tgt Ion:168 Resp: 90764

Ion Ratio Lower Upper

168 100

99 57.9 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VU028495.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU028495.D (-1168) (-)

4.98

40000

30000

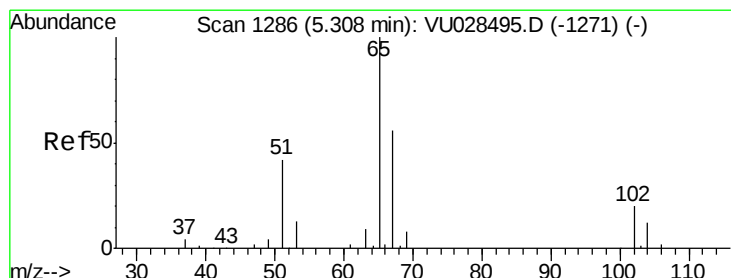
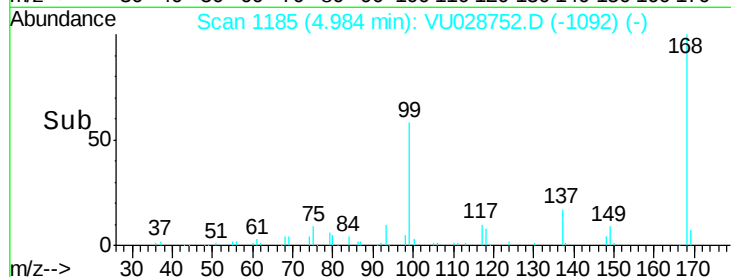
20000

10000

0

4.90 4.95 5.00 5.05

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.209 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. -0.00 min

Lab File: VU028752.D

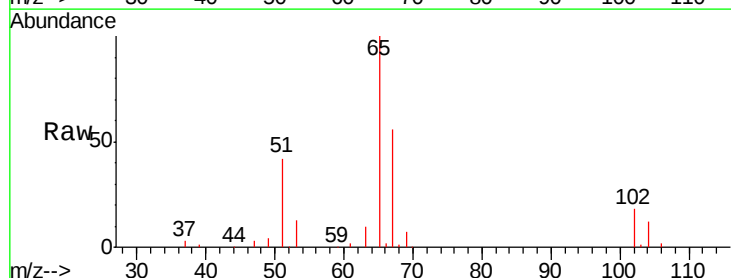
Acq: 18 Dec 2018 04:47

Tgt Ion: 65 Resp: 72316

Ion Ratio Lower Upper

65 100

67 54.9 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU028495.D (-1271) (-)

Ion 66.90 (66.60 to 67.60): VU028495.D (-1271) (-)

5.31

40000

30000

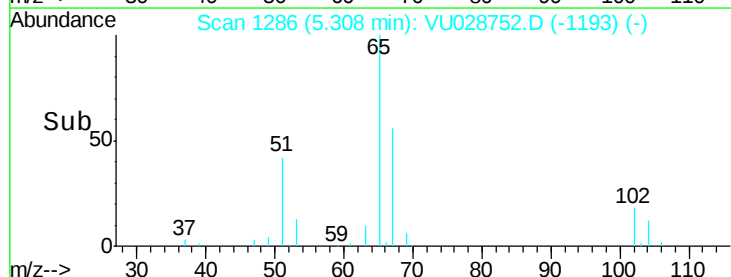
20000

10000

0

5.20 5.30 5.40

Time-->

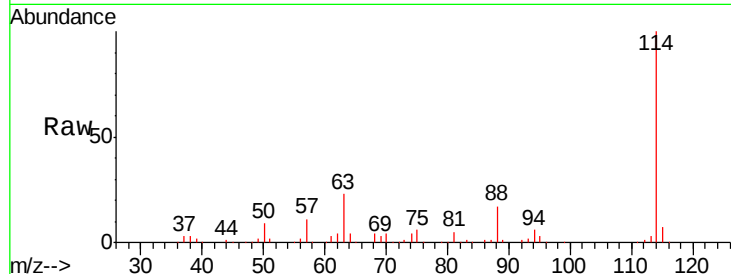




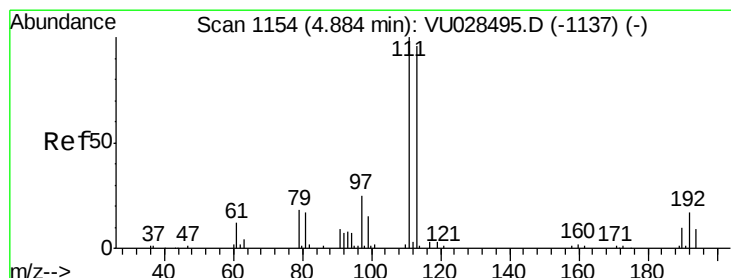
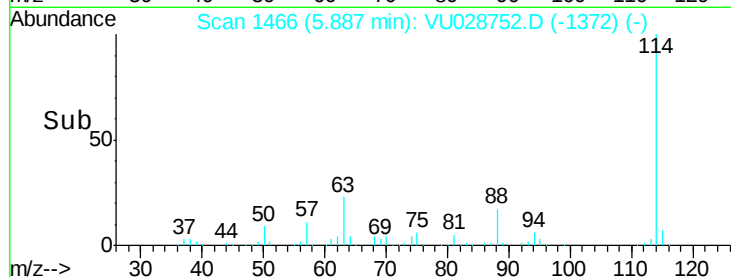
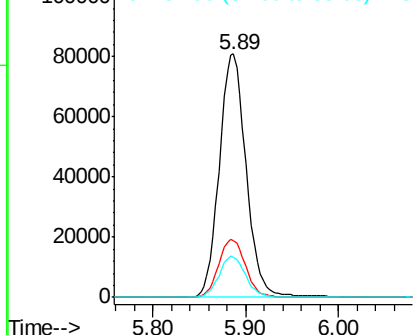
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.89 min Scan# 1466
Delta R.T. 0.00 min
Lab File: VU028752.D
Acq: 18 Dec 2018 04:47

Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-K-1218DL

Tgt Ion:114 Resp: 162557
Ion Ratio Lower Upper
114 100
63 23.5 0.0 49.2
88 16.6 0.0 33.4

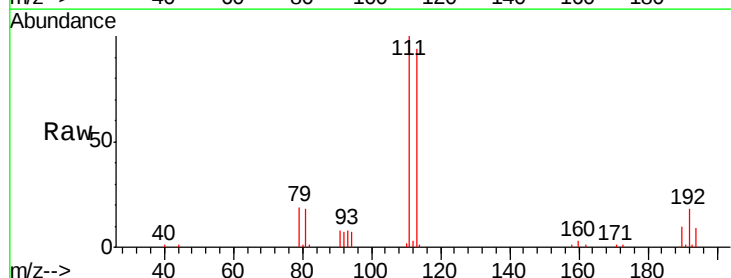


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VU0
Ion 87.90 (87.60 to 88.60): VU0

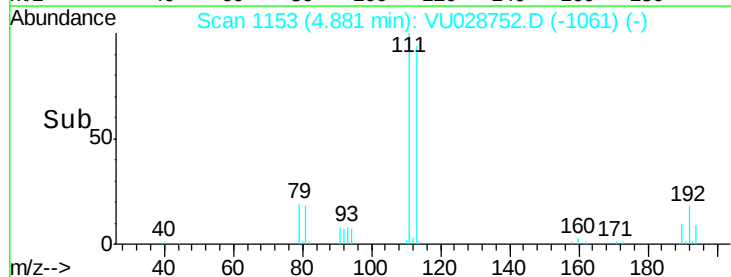
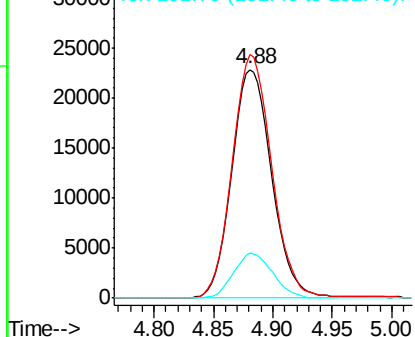


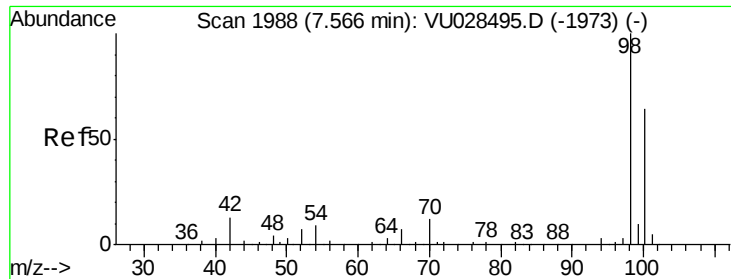
#35
Dibromofluoromethane
Concen: 51.977 ug/l
RT: 4.88 min Scan# 1153
Delta R.T. -0.00 min
Lab File: VU028752.D
Acq: 18 Dec 2018 04:47

Tgt Ion:113 Resp: 53172
Ion Ratio Lower Upper
113 100
111 105.2 83.4 125.0
192 19.0 14.8 22.2



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





#50

Toluene-d8

Concen: 51.516 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU028752.D

Acq: 18 Dec 2018 04:47

Instrument :

MSVOA_U

ClientSampleId :

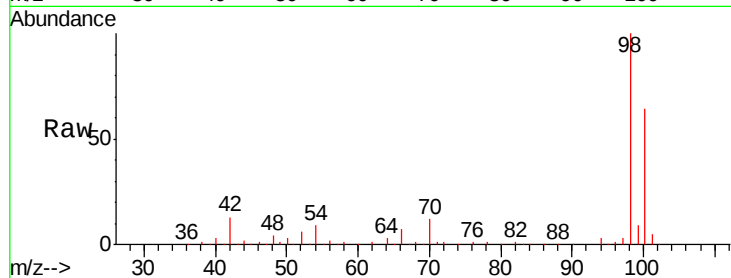
EP1-MW-K-1218DL

Tgt Ion: 98 Resp: 208473

Ion Ratio Lower Upper

98 100

100 64.4 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU

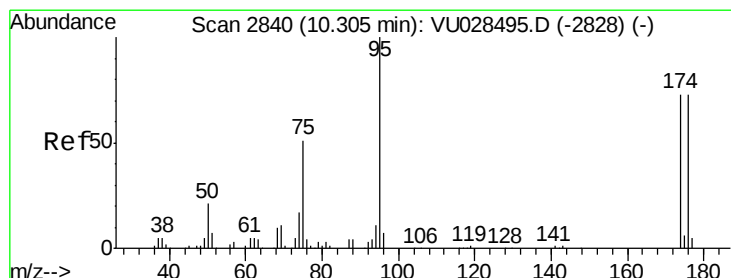
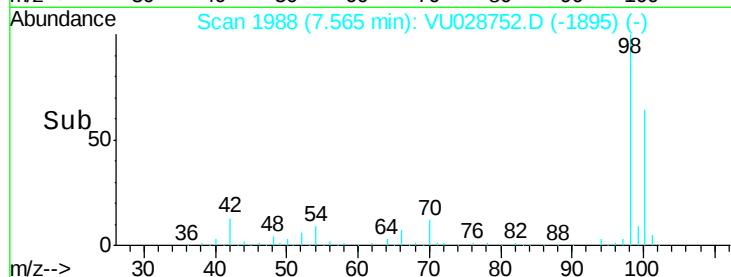
7.57

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.220 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU028752.D

Acq: 18 Dec 2018 04:47

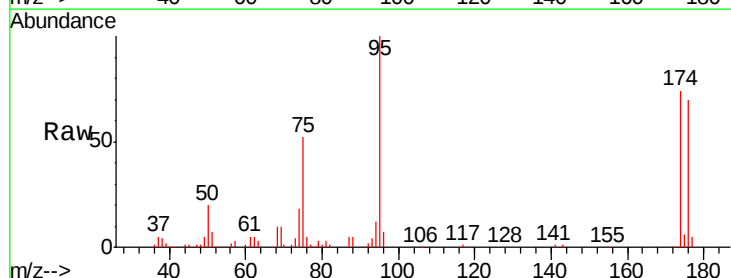
Tgt Ion: 95 Resp: 69909

Ion Ratio Lower Upper

95 100

174 75.3 0.0 150.4

176 71.4 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

60000

50000

40000

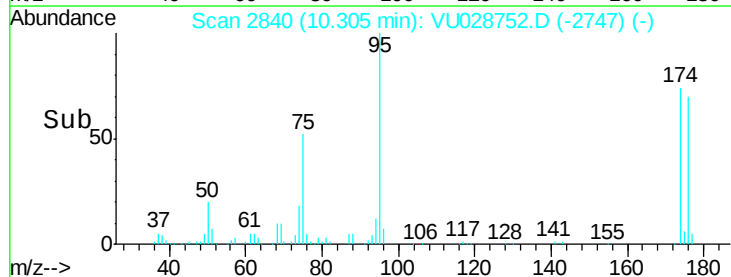
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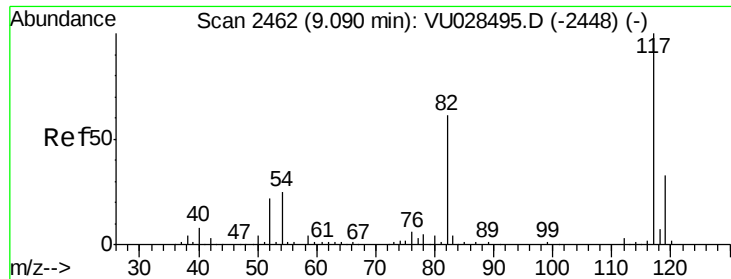
20000

10000

0

Time-->

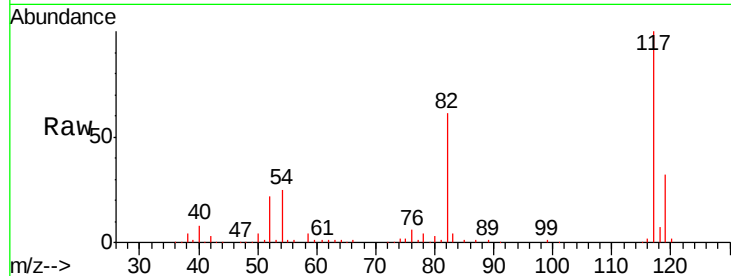




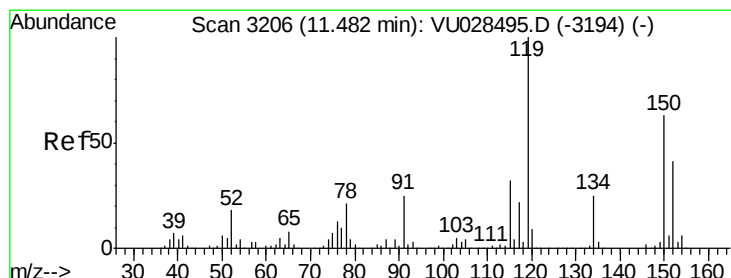
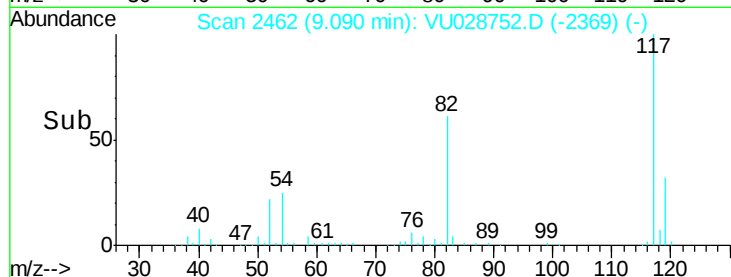
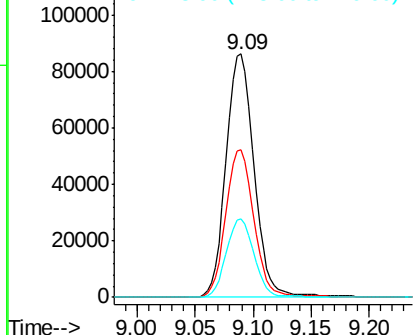
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028752.D
Acq: 18 Dec 2018 04:47

Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-K-1218DL

Tgt Ion:117 Resp: 144368
Ion Ratio Lower Upper
117 100
82 60.6 48.9 73.3
119 32.5 26.2 39.4

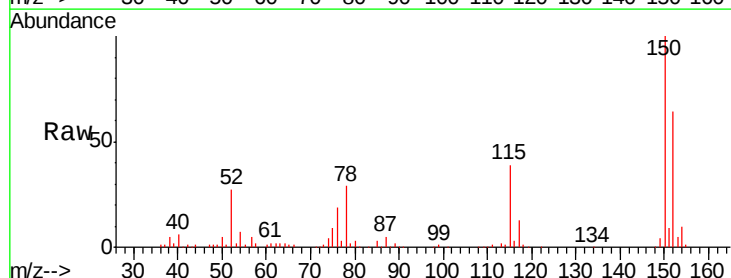


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

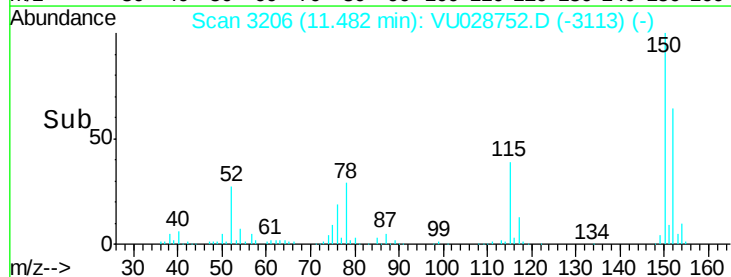
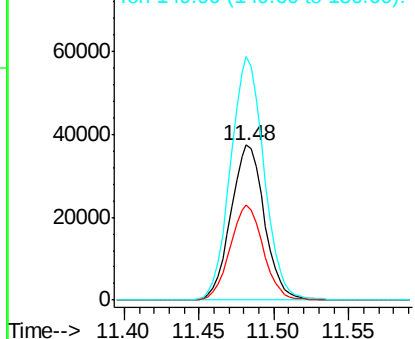


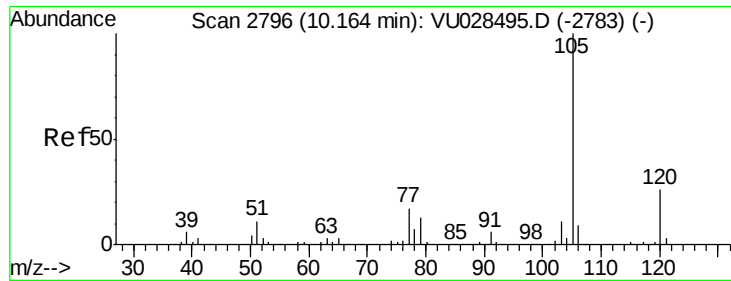
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028752.D
Acq: 18 Dec 2018 04:47

Tgt Ion:152 Resp: 58707
Ion Ratio Lower Upper
152 100
115 60.2 42.7 128.1
150 156.5 0.0 346.0



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: 3.409 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU028752.D

Acq: 18 Dec 2018 04:47

Instrument :

MSVOA_U

ClientSampleId :

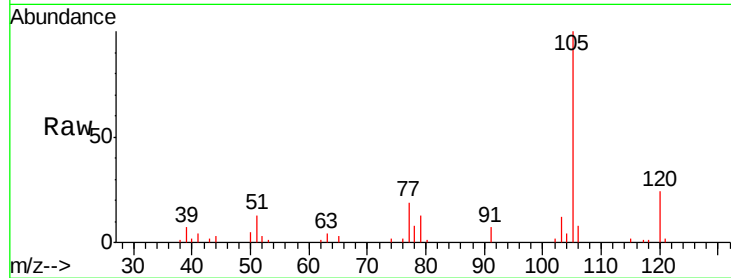
EP1-MW-K-1218DL

Tgt Ion: 105 Resp: 15357

Ion Ratio Lower Upper

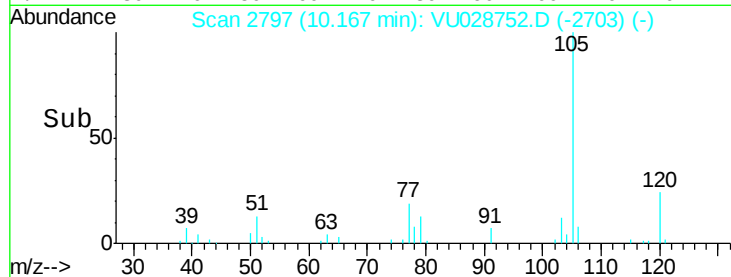
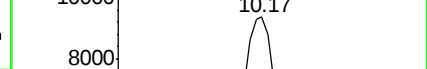
105 100

120 24.3 12.9 38.6

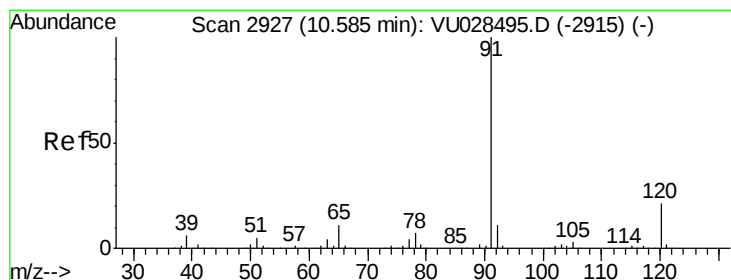


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#78

n-propylbenzene

Concen: 3.741 ug/l

RT: 10.58 min Scan# 2927

Delta R.T. -0.00 min

Lab File: VU028752.D

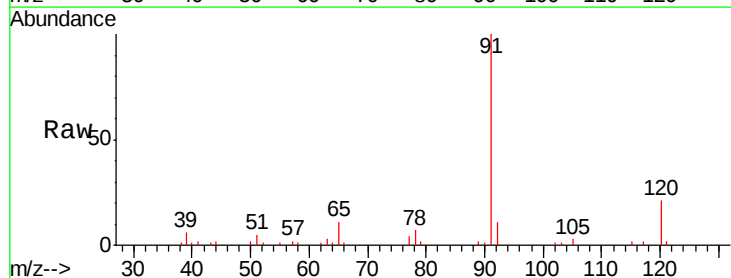
Acq: 18 Dec 2018 04:47

Tgt Ion: 91 Resp: 20938

Ion Ratio Lower Upper

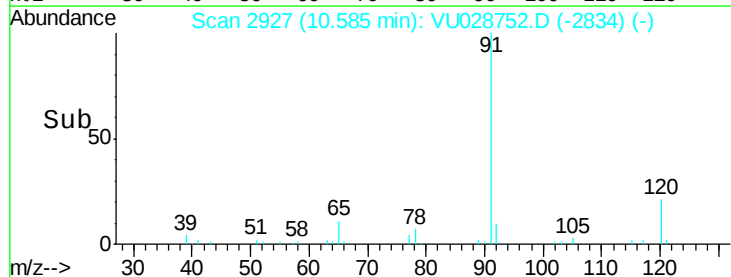
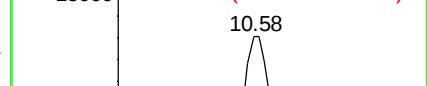
91 100

120 20.1 10.6 31.8

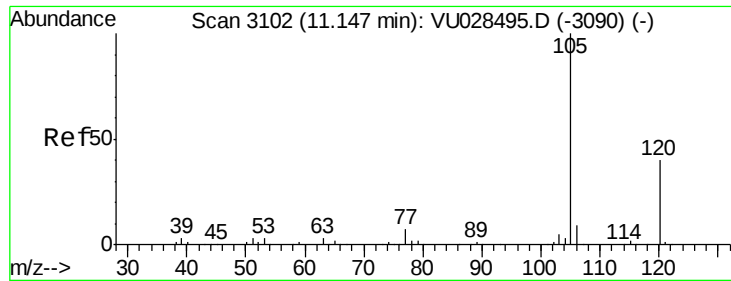


Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V



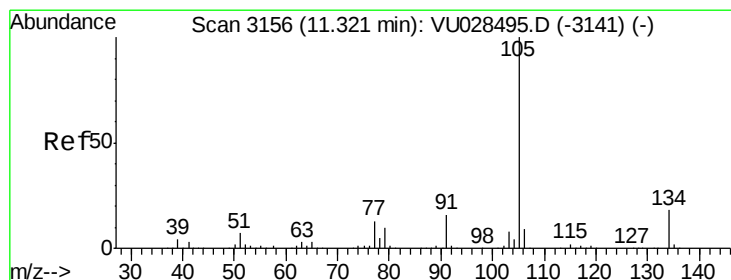
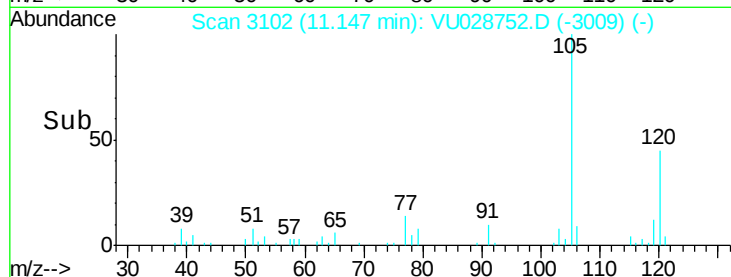
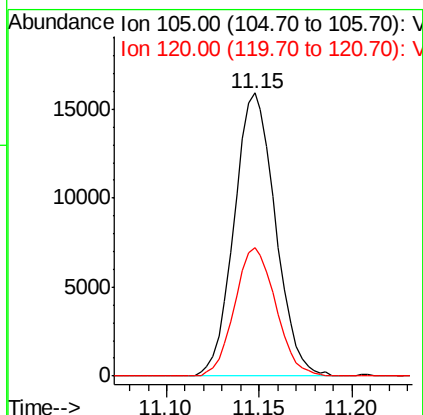
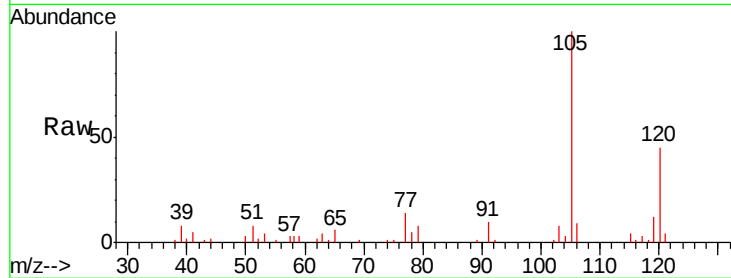
Time-->



#84
 1,2,4-Trimethylbenzene
 Concen: 6.373 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. -0.00 min
 Lab File: VU028752.D
 Acq: 18 Dec 2018 04:47

Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-MW-K-1218DL

Tgt Ion:105 Resp: 24493
 Ion Ratio Lower Upper
 105 100
 120 45.2 21.8 65.4



#85
 sec-Butylbenzene
 Concen: 1.126 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: VU028752.D
 Acq: 18 Dec 2018 04:47

Tgt Ion:105 Resp: 5198
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.2 27.6

