

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091218\
 Data File : VU026687.D
 Acq On : 11 Sep 2018 18:35
 Operator : MD/SY
 Sample : J4803-11ME
 Misc : 4.89g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-Q2-H6ME

Quant Time: Sep 13 09:56:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U091218W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 05:32:45 2018
 Response via : Initial Calibration

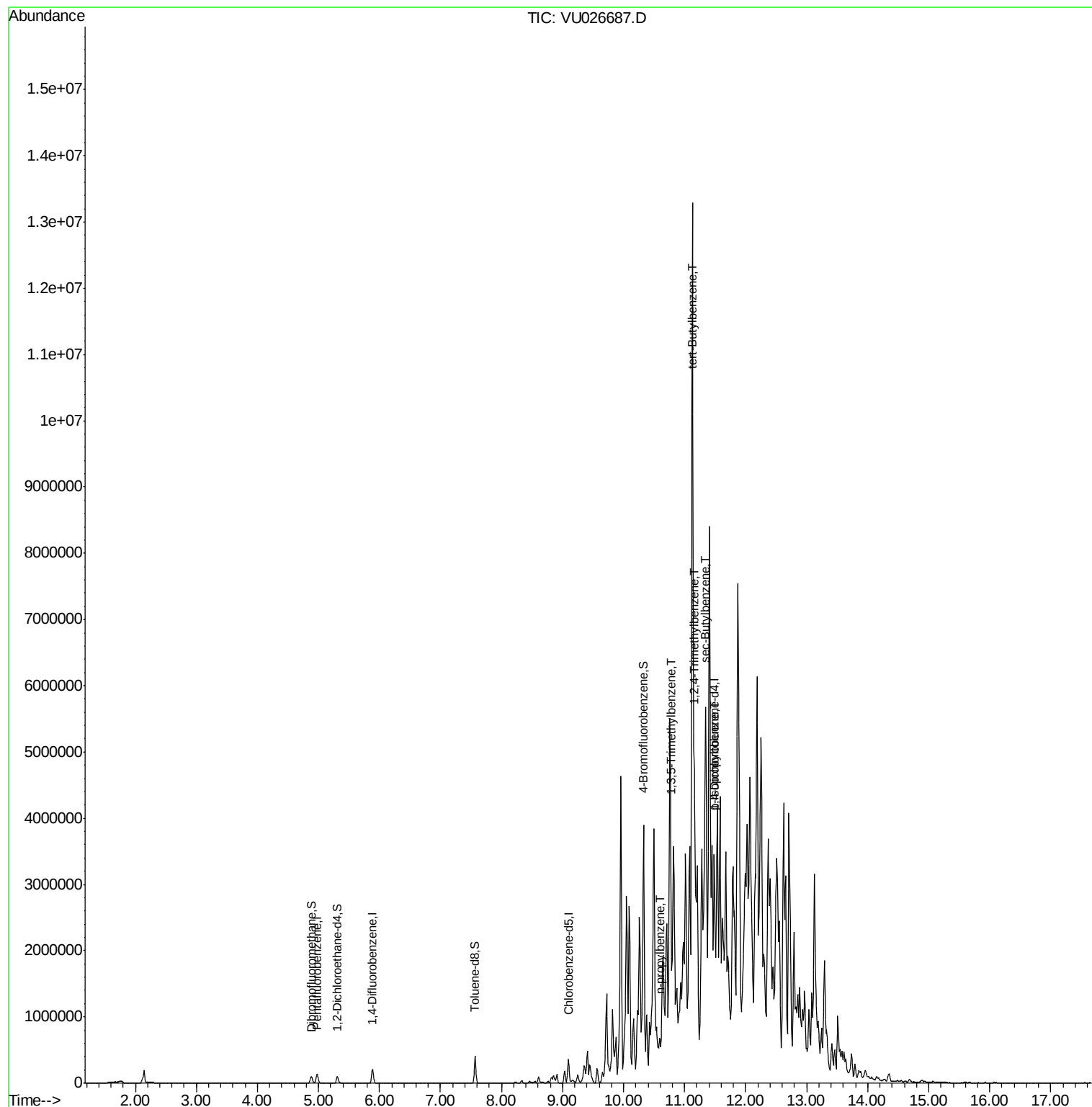
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	112277	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	192190	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.10	117	202767	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	137286	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	91661	53.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.64%	
35) Dibromofluoromethane	4.88	113	78040	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	
50) Toluene-d8	7.57	98	285824	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	
62) 4-Bromofluorobenzene	10.31	95	154938	73.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	147.46%	
Target Compounds						
78) n-propylbenzene	10.59	91	120494	11.07	ug/l	Qvalue 100
80) 1,3,5-Trimethylbenzene	10.78	105	188820	24.01	ug/l	99
83) tert-Butylbenzene	11.11	119	65238	8.17	ug/l	80
84) 1,2,4-Trimethylbenzene	11.16	105	1139242	143.64	ug/l	99
85) sec-Butylbenzene	11.33	105	455883	48.10	ug/l	99
86) p-Isopropyltoluene	11.48	119	612973	66.92	ug/l	99

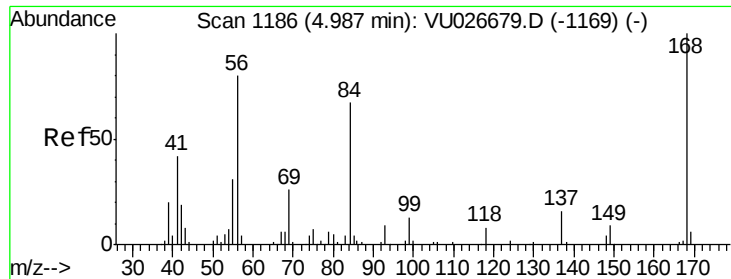
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U091218W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 12 05:32:45 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.98 min Scan# 1183

Delta R.T. -0.01 min

Lab File: VU026687.D

Acq: 11 Sep 2018 18:35

Instrument :

MSVOA_U

ClientSampleId :

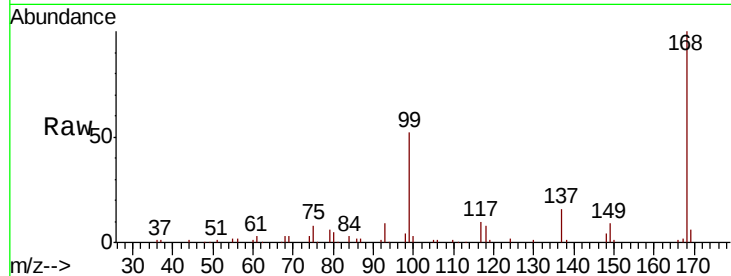
EP1-Q2-H6ME

Tot Ion:168 Resp: 112277

Ion Ratio Lower Upper

168 100

99 52.2 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VU026687.D (-1193) (-)

Ion 98.90 (98.60 to 99.60): VU026687.D (-1193) (-)

4.98

50000

40000

30000

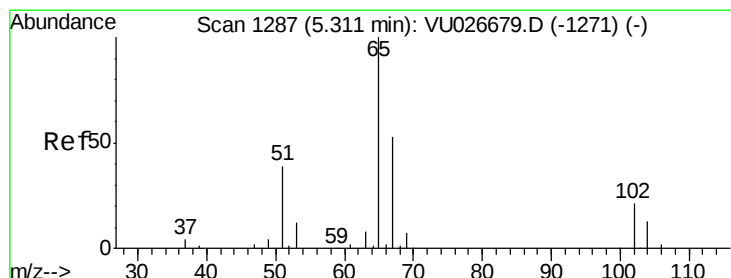
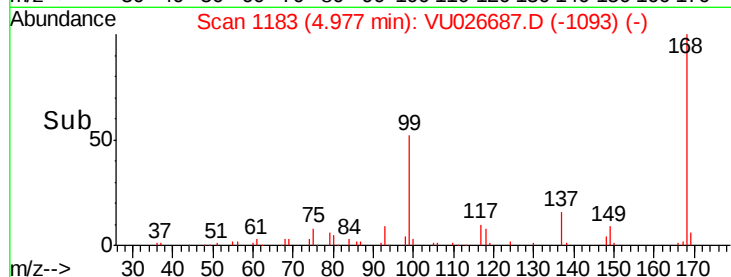
20000

10000

0

4.90 5.00 5.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.82 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. -0.00 min

Lab File: VU026687.D

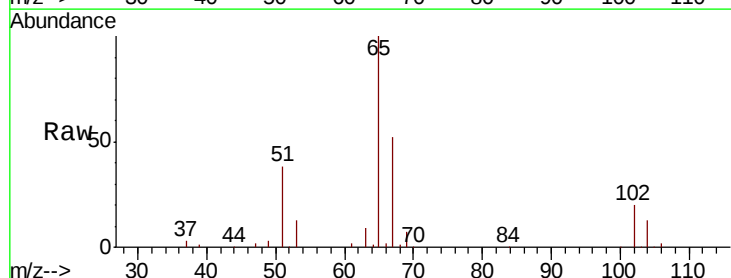
Acq: 11 Sep 2018 18:35

Tgt Ion: 65 Resp: 91661

Ion Ratio Lower Upper

65 100

67 53.5 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VU026687.D (-1194) (-)

Ion 66.90 (66.60 to 67.60): VU026687.D (-1194) (-)

5.31

40000

30000

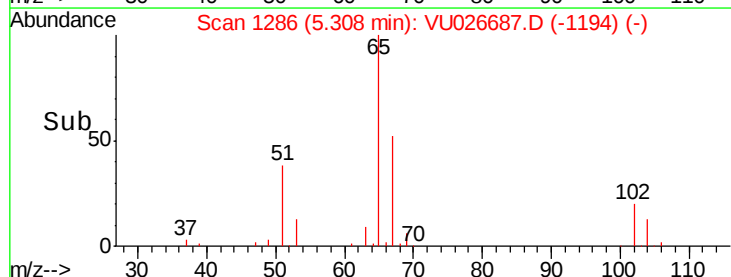
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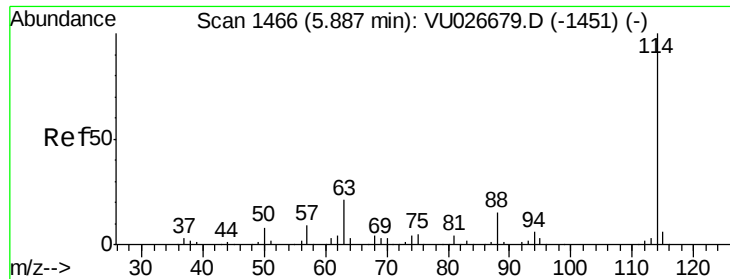
10000

0

5.20 5.30 5.40

Time-->

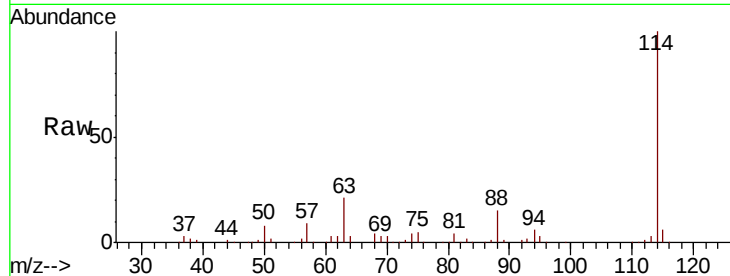




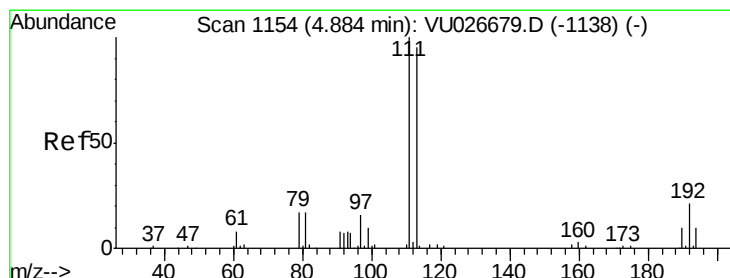
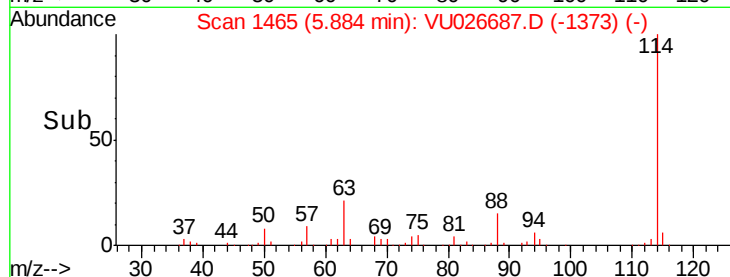
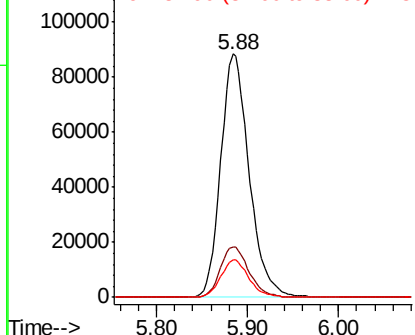
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: VU026687.D
 Acq: 11 Sep 2018 18:35

Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-Q2-H6ME

Tot Ion:114 Resp: 192190
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 41.4
 88 15.2 0.0 30.8

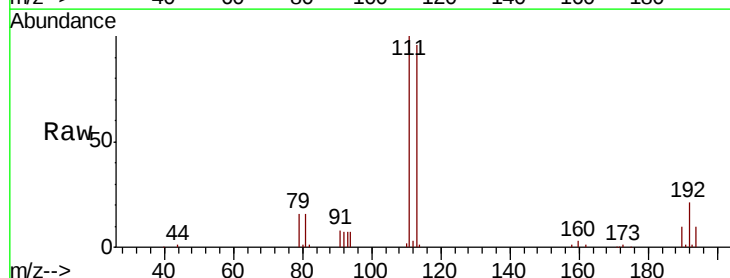


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

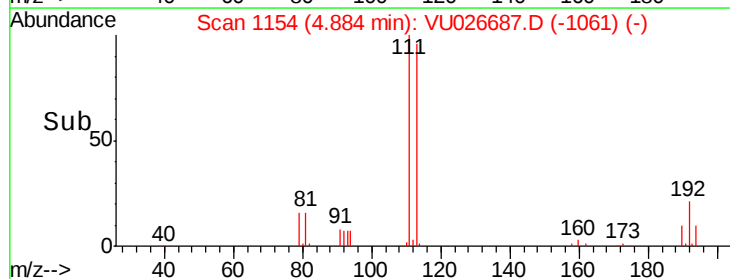
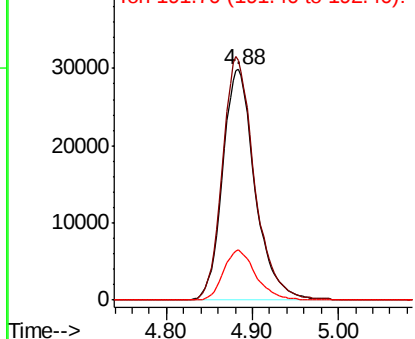


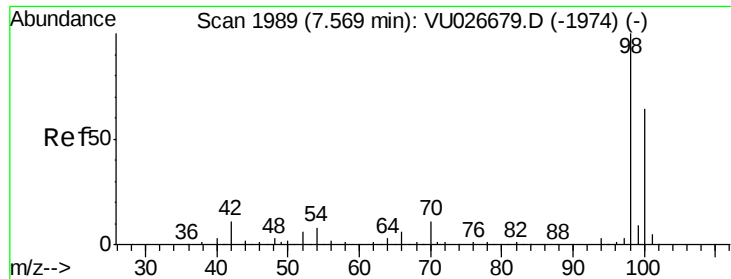
#35
 Dibromofluoromethane
 Concen: 49.78 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU026687.D
 Acq: 11 Sep 2018 18:35

Tgt Ion:113 Resp: 78040
 Ion Ratio Lower Upper
 113 100
 111 104.4 83.1 124.7
 192 21.8 17.4 26.2



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

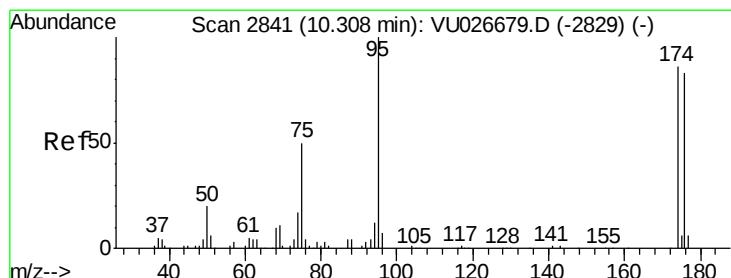
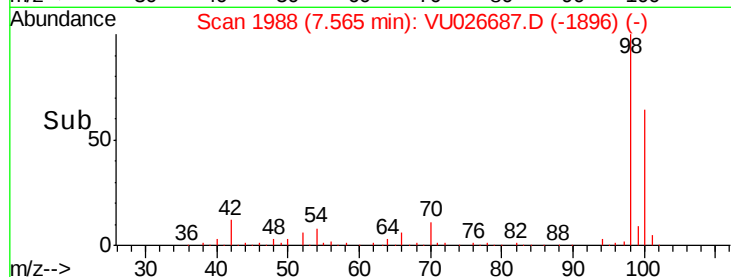
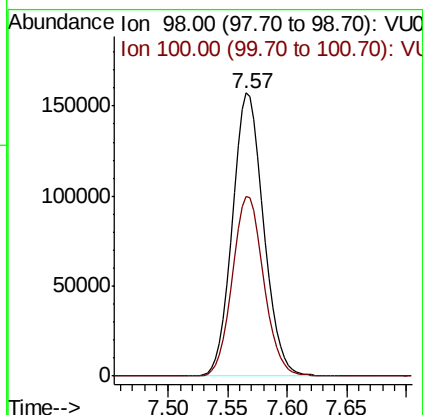
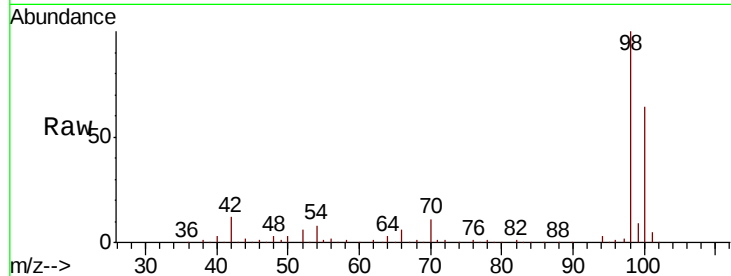




#50
Toluene-d8
Concen: 49.30 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU026687.D
Acq: 11 Sep 2018 18:35

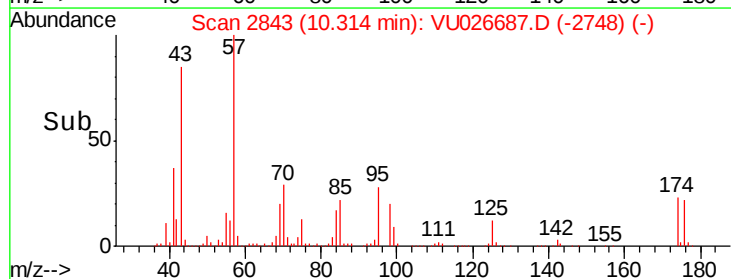
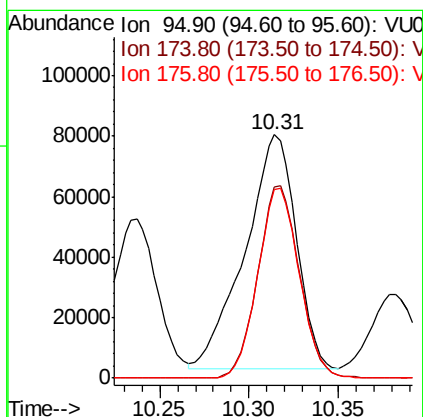
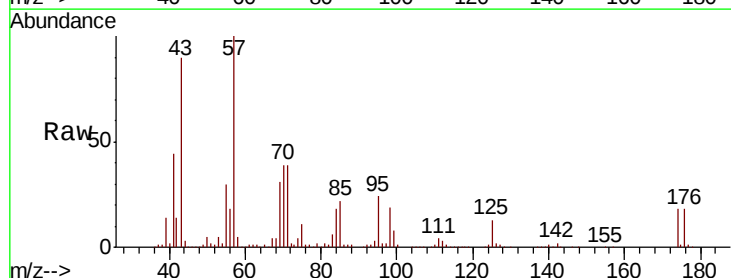
Instrument :
MSVOA_U
ClientSampleId :
EP1-Q2-H6ME

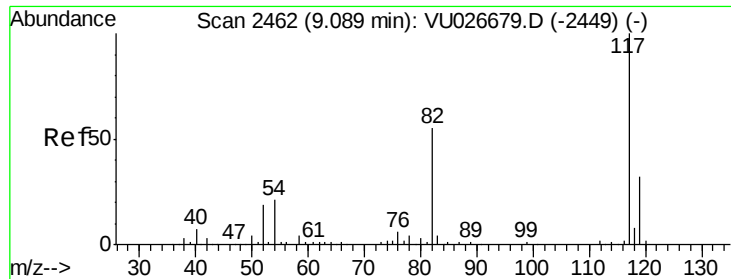
Tot Ion: 98 Resp: 285824
Ion Ratio Lower Upper
98 100
100 64.1 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 73.73 ug/l
RT: 10.31 min Scan# 2843
Delta R.T. 0.01 min
Lab File: VU026687.D
Acq: 11 Sep 2018 18:35

Tgt Ion: 95 Resp: 154938
Ion Ratio Lower Upper
95 100
174 67.1 0.0 172.8
176 66.0 0.0 168.6

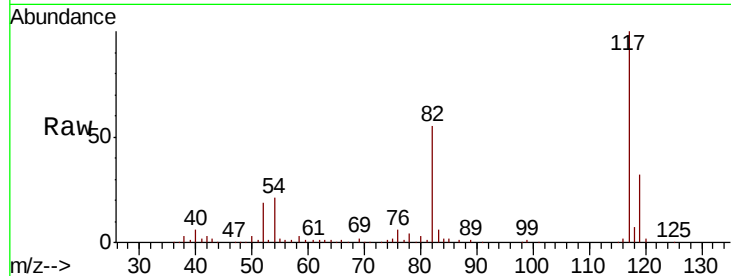




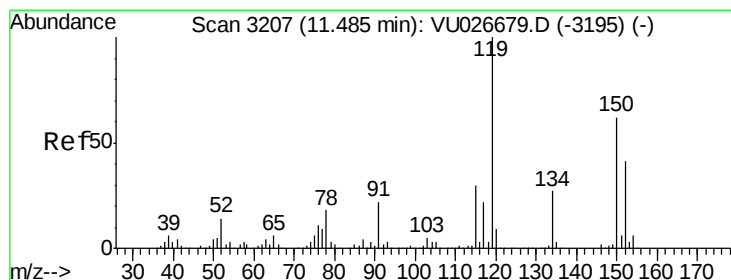
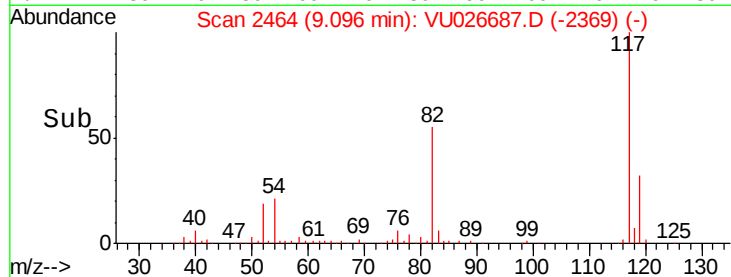
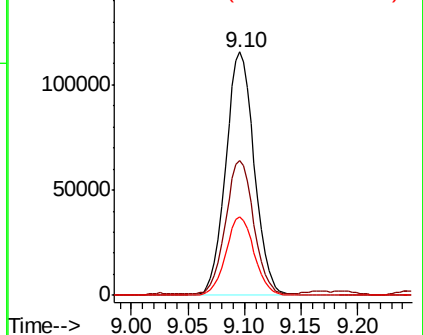
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.10 min Scan# 2464
Delta R.T. 0.01 min
Lab File: VU026687.D
Acq: 11 Sep 2018 18:35

Instrument :
MSVOA_U
ClientSampleId :
EP1-Q2-H6ME

Tot Ion:117 Resp: 202767
Ion Ratio Lower Upper
117 100
82 54.5 44.1 66.1
119 32.3 25.7 38.5

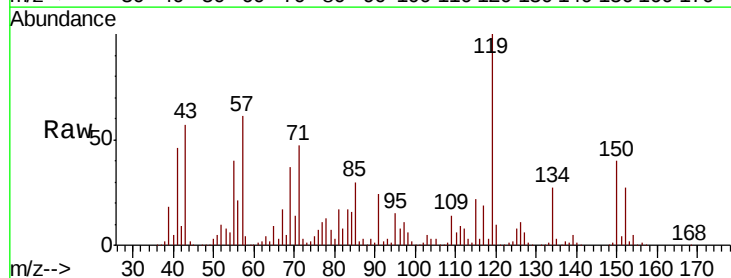


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

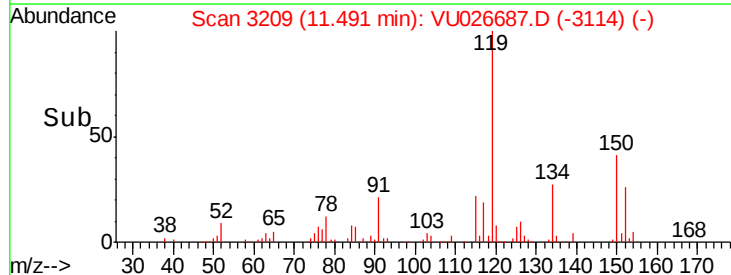
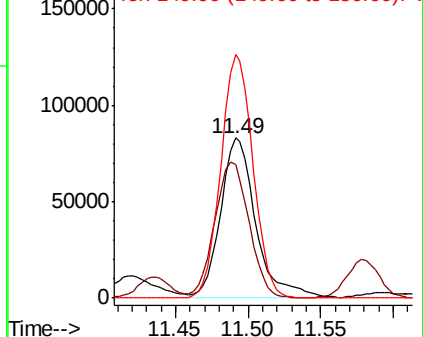


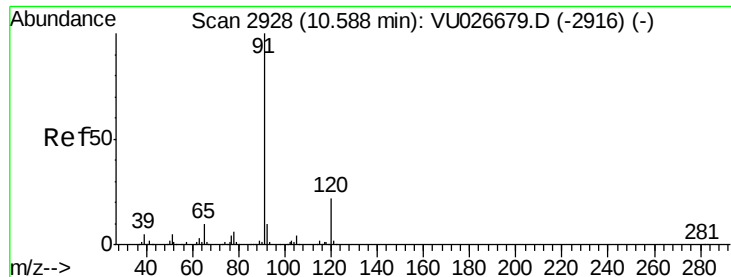
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3209
Delta R.T. 0.01 min
Lab File: VU026687.D
Acq: 11 Sep 2018 18:35

Tgt Ion:152 Resp: 137286
Ion Ratio Lower Upper
152 100
115 83.6 40.4 121.1
150 141.4 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: 11.07 ug/l

RT: 10.59 min Scan# 2930

Delta R.T. 0.01 min

Lab File: VU026687.D

Acq: 11 Sep 2018 18:35

Instrument :

MSVOA_U

ClientSampleId :

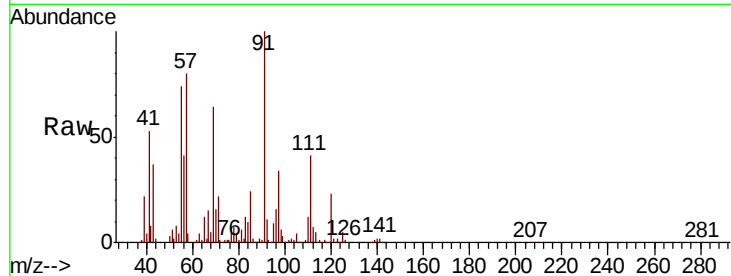
EP1-Q2-H6ME

Tot Ion: 91 Resp: 120494

Ion Ratio Lower Upper

91 100

120 22.9 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VU026687.D (-2916) (-)

Ion 120.00 (119.70 to 120.70): VU026687.D (-2916) (-)

10.59

80000

60000

40000

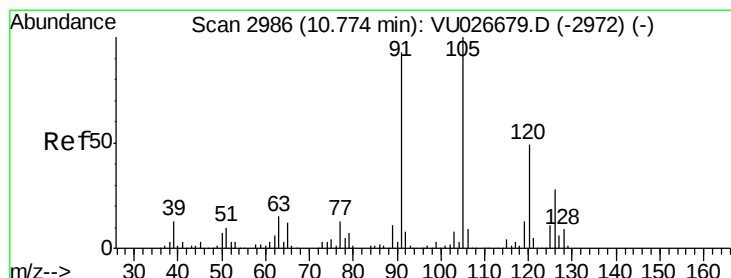
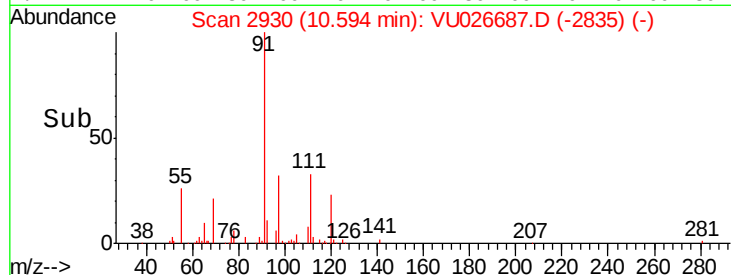
20000

0

10.55

10.60

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 24.01 ug/l

RT: 10.78 min Scan# 2988

Delta R.T. 0.01 min

Lab File: VU026687.D

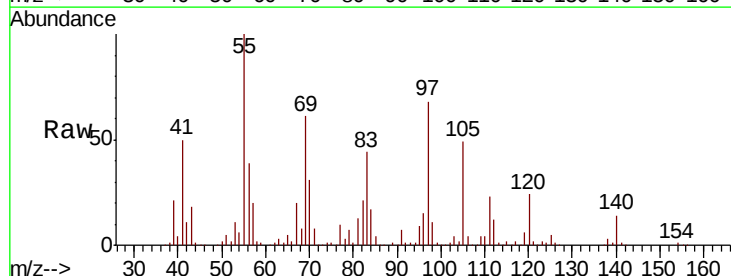
Acq: 11 Sep 2018 18:35

Tgt Ion:105 Resp: 188820

Ion Ratio Lower Upper

105 100

120 48.6 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VU026687.D (-2893) (-)

Ion 120.00 (119.70 to 120.70): VU026687.D (-2893) (-)

10.78

150000

100000

50000

0

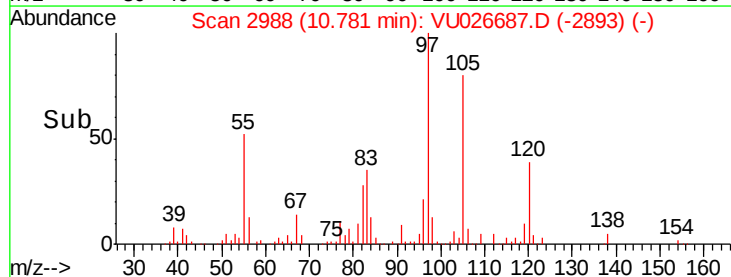
10.70

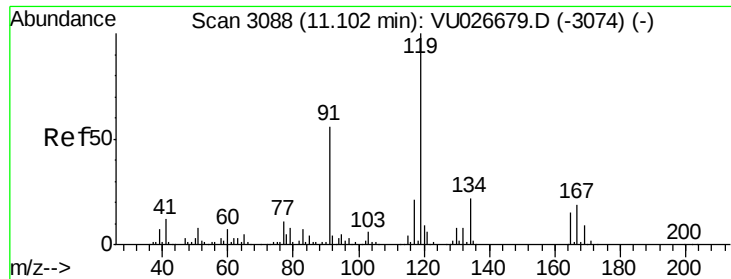
10.75

10.80

10.85

Time-->

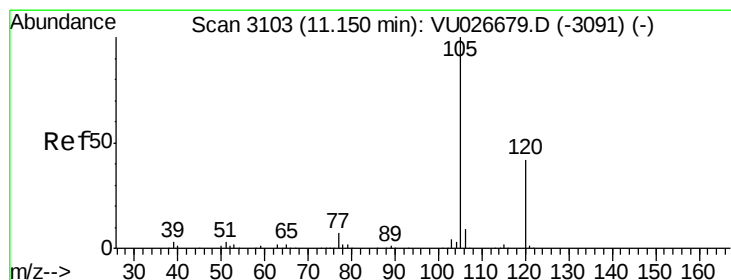
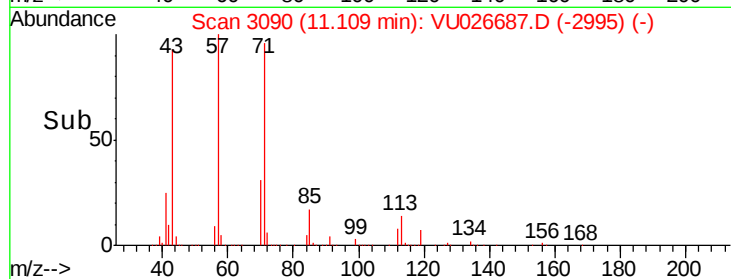
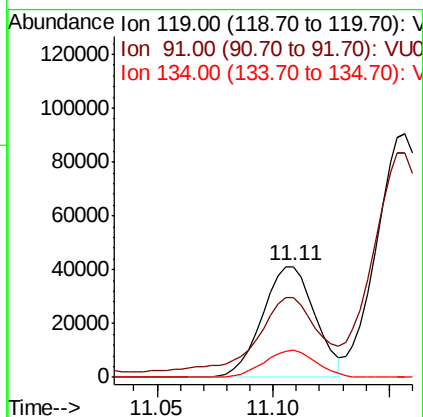
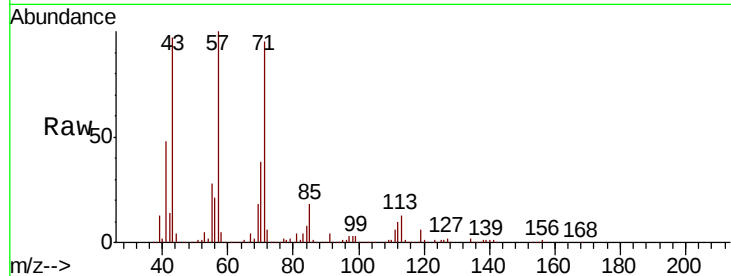




#83
 tert-Butylbenzene
 Concen: 8.17 ug/l
 RT: 11.11 min Scan# 3090
 Delta R.T. 0.01 min
 Lab File: VU026687.D
 Acq: 11 Sep 2018 18:35

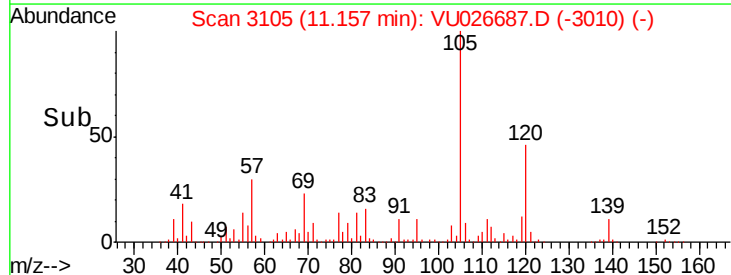
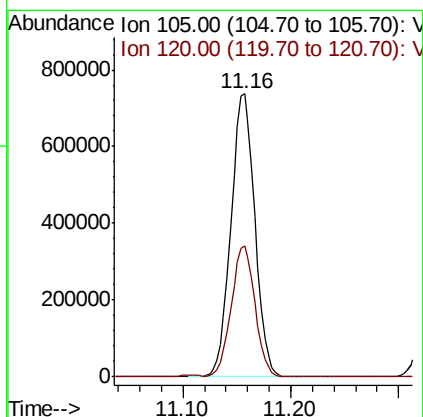
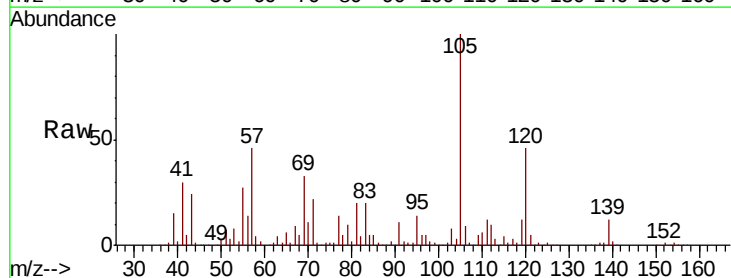
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 EP1-Q2-H6ME

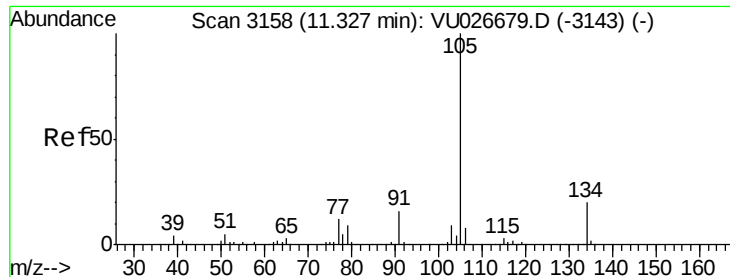
Tot Ion:119 Resp: 65238
 Ion Ratio Lower Upper
 119 100
 91 76.1 28.3 85.0
 134 24.2 11.2 33.5



#84
 1,2,4-Trimethylbenzene
 Concen: 143.64 ug/l
 RT: 11.16 min Scan# 3105
 Delta R.T. 0.01 min
 Lab File: VU026687.D
 Acq: 11 Sep 2018 18:35

Tgt Ion:105 Resp: 1139242
 Ion Ratio Lower Upper
 105 100
 120 45.9 23.3 69.8





#85

sec-Butylbenzene

Concen: 48.10 ug/l

RT: 11.33 min Scan# 3160

Delta R.T. 0.01 min

Lab File: VU026687.D

Acq: 11 Sep 2018 18:35

Instrument :

MSVOA_U

ClientSampleId :

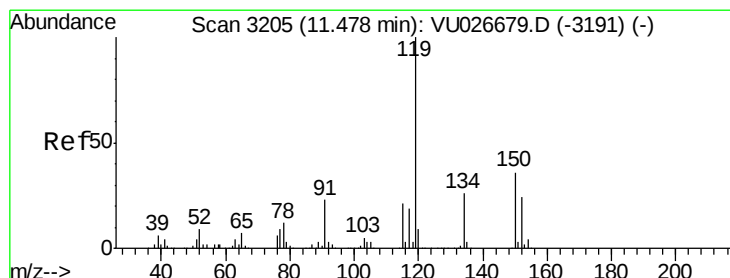
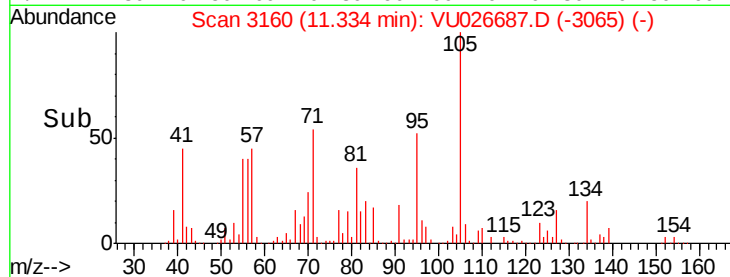
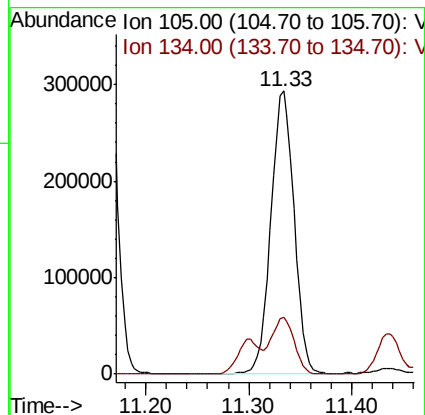
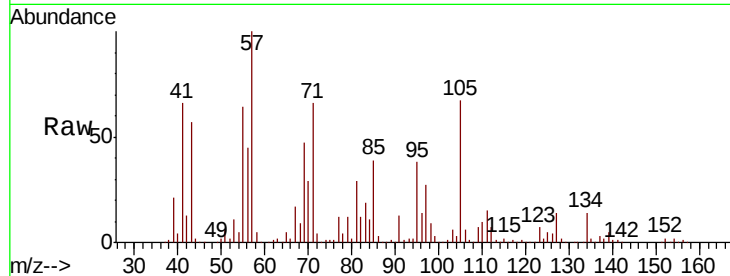
EP1-Q2-H6ME

Tot Ion:105 Resp: 455883

Ion Ratio Lower Upper

105 100

134 19.7 10.1 30.1



#86

p-Isopropyltoluene

Concen: 66.92 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. 0.01 min

Lab File: VU026687.D

Acq: 11 Sep 2018 18:35

Tgt Ion:119 Resp: 612973

Ion Ratio Lower Upper

119 100

134 26.5 13.2 39.5

91 21.9 11.6 34.8

