

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091418\
 Data File : VU026723.D
 Acq On : 13 Sep 2018 10:06
 Operator : MD/SY
 Sample : J4803-12MEDL 5X
 Misc : 5.41g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-Q2-H7MEDL

Quant Time: Sep 17 10:45:52 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

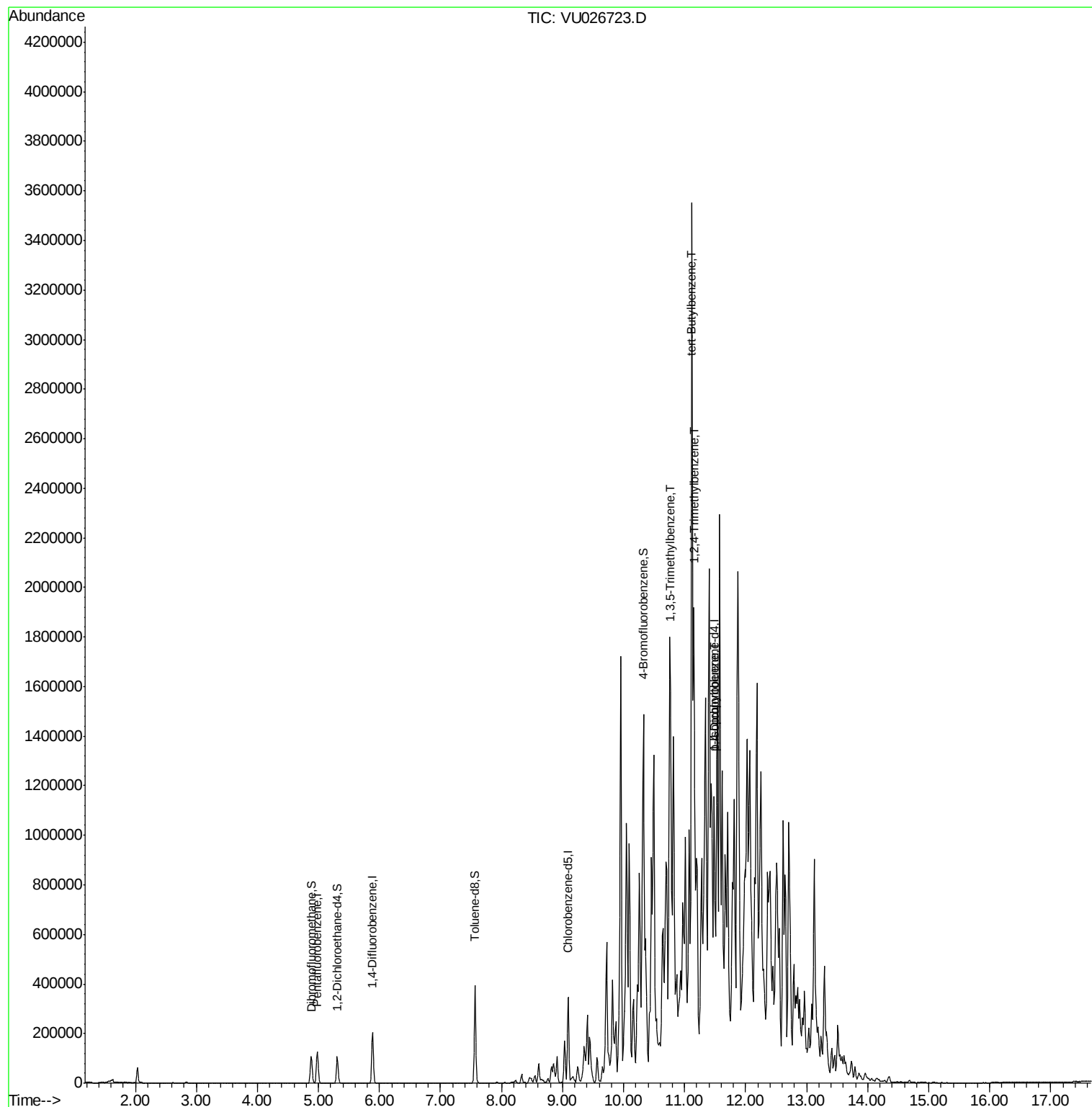
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	100880	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	173357	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	183438	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	115782	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	83182	54.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.72%	
35) Dibromofluoromethane	4.88	113	72625	51.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.72%	
50) Toluene-d8	7.57	98	260067	49.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.46%	
62) 4-Bromofluorobenzene	10.31	95	119706	63.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	126.30%	
Target Compounds						
80) 1,3,5-Trimethylbenzene	10.77	105	366118	55.21	ug/l	Qvalue 100
83) tert-Butylbenzene	11.10	119	17895	2.66	ug/l	81
84) 1,2,4-Trimethylbenzene	11.15	105	562822	84.14	ug/l	100
86) p-Isopropyltoluene	11.48	119	128144	17.38	ug/l	98

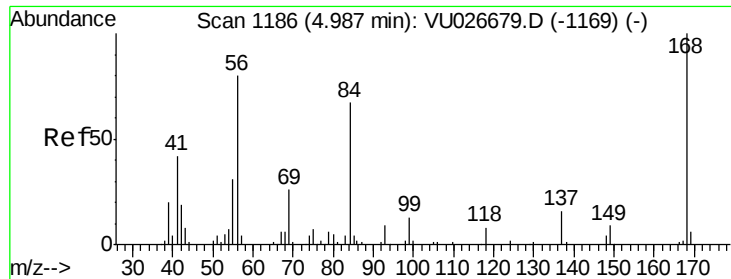
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU091418\
Data File : VU026723.D
Acq On : 13 Sep 2018 10:06
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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# 1184

Delta R.T. -0.01 min

Lab File: VU026723.D

Acq: 13 Sep 2018 10:06

Instrument :

MSVOA_U

ClientSampleId :

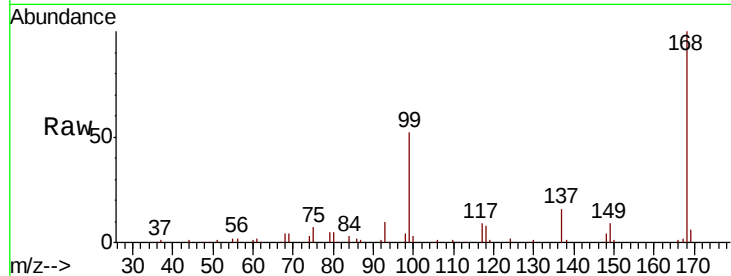
EP1-Q2-H7MEDL

Tot Ion:168 Resp: 100880

Ion Ratio Lower Upper

168 100

99 51.8 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VU026679.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU026679.D (-1169) (-)

4.98

4.90

4.95

5.00

5.05

5.10

5.15

5.20

5.25

5.30

5.35

5.40

5.45

5.50

5.55

5.60

5.65

5.70

5.75

5.80

5.85

5.90

5.95

6.00

6.05

6.10

6.15

6.20

6.25

6.30

6.35

6.40

6.45

6.50

6.55

6.60

6.65

6.70

6.75

6.80

6.85

6.90

6.95

7.00

7.05

7.10

7.15

7.20

7.30

7.40

7.50

7.60

7.70

7.80

7.90

8.00

8.05

8.10

8.15

8.20

8.25

8.30

8.35

8.40

8.45

8.50

8.55

8.60

8.65

8.70

8.75

8.80

8.85

8.90

8.95

9.00

9.05

9.10

9.15

9.20

9.25

9.30

9.35

9.40

9.45

9.50

9.55

9.60

9.65

9.70

9.75

9.80

9.85

9.90

9.95

10.00

10.05

10.10

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10.25

10.30

10.35

10.40

10.45

10.50

10.55

10.60

10.65

10.70

10.75

10.80

10.85

10.90

10.95

11.00

11.05

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11.50

11.55

11.60

11.65

11.70

11.75

11.80

11.85

11.90

11.95

12.00

12.05

12.10

12.15

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12.25

12.30

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12.60

12.65

12.70

12.75

12.80

12.85

12.90

12.95

13.00

13.05

13.10

13.15

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13.25

13.30

13.35

13.40

13.45

13.50

13.55

13.60

13.65

13.70

13.75

13.80

13.85

13.90

13.95

14.00

14.05

14.10

14.15

14.20

14.25

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14.60

14.65

14.70

14.75

14.80

14.85

14.90

14.95

15.00

15.05

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15.20

15.25

15.30

15.35

15.40

15.45

15.50

15.55

15.60

15.65

15.70

15.75

15.80

15.85

15.90

15.95

16.00

16.05

16.10

16.15

16.20

16.25

16.30

16.35

16.40

16.45

16.50

16.55

16.60

16.65

16.70

16.75

16.80

16.85

16.90

16.95

17.00

17.05

17.10

17.15

17.20

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17.45

17.50

17.55

17.60

17.65

17.70

17.75

17.80

17.85

17.90

17.95

18.00

18.05

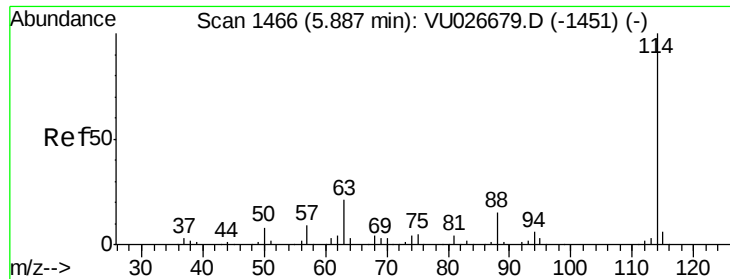
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18.15

18.20

18.25

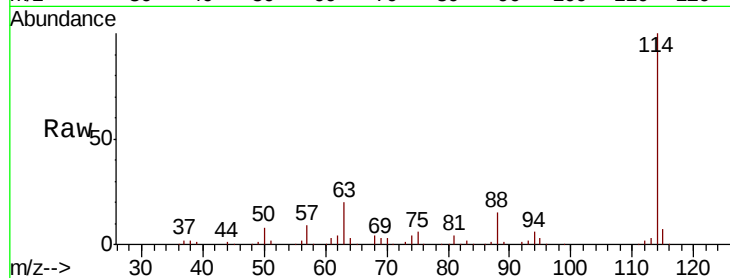
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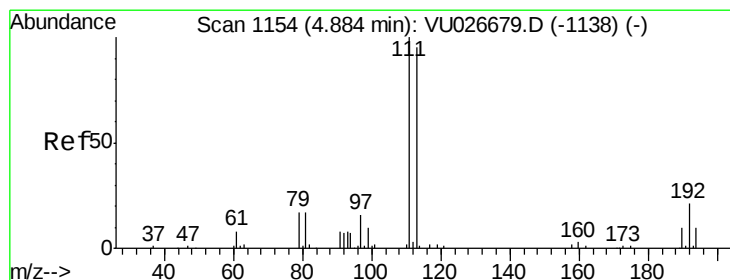
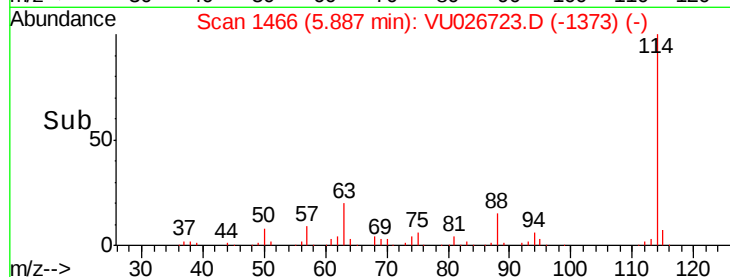
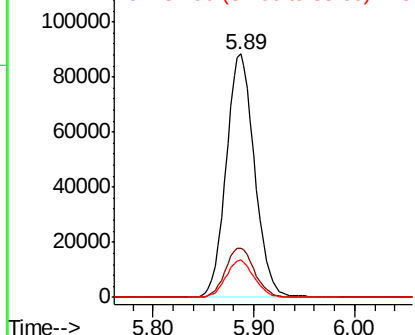
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU026723.D
 Acq: 13 Sep 2018 10:06

Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-Q2-H7MEDL

Tot Ion:114 Resp: 173357
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 41.4
 88 15.2 0.0 30.8

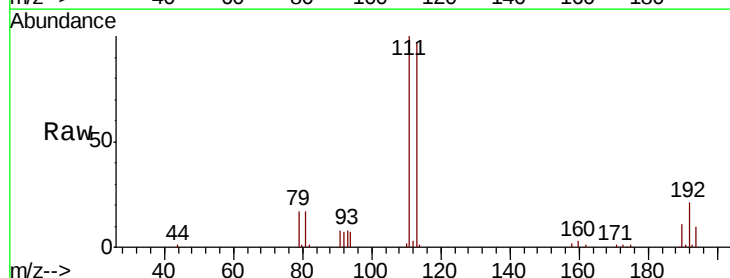


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

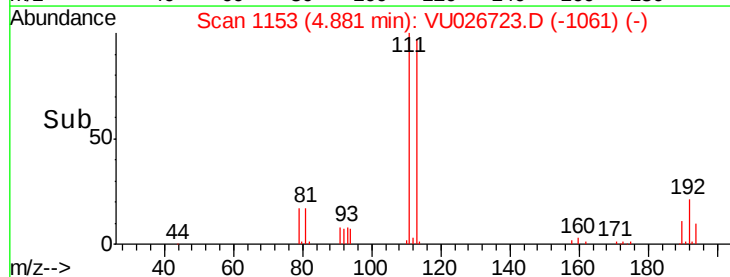
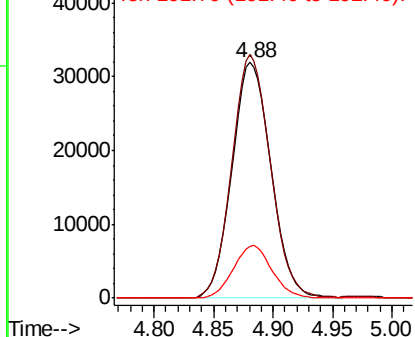


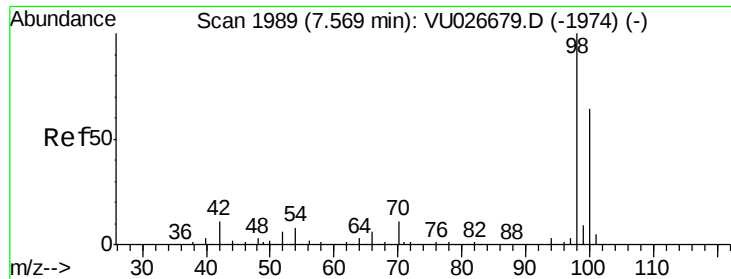
#35
 Dibromofluoromethane
 Concen: 51.36 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU026723.D
 Acq: 13 Sep 2018 10:06

Tgt Ion:113 Resp: 72625
 Ion Ratio Lower Upper
 113 100
 111 101.8 83.1 124.7
 192 22.0 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: 49.73 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU026723.D

Acq: 13 Sep 2018 10:06

Instrument :

MSVOA_U

ClientSampleId :

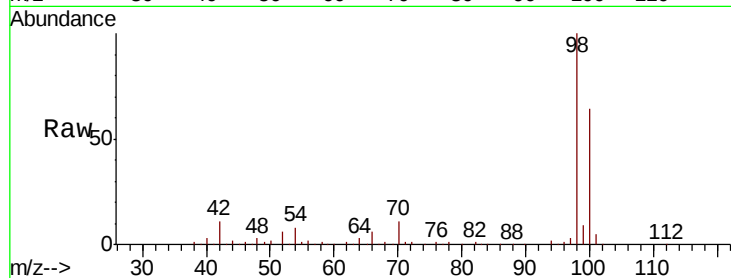
EP1-Q2-H7MEDL

Tot Ion: 98 Resp: 260067

Ion Ratio Lower Upper

98 100

100 63.8 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VU026679.D (-1974) (-)

Ion 100.00 (99.70 to 100.70): VU026679.D (-1974) (-)

7.57

150000

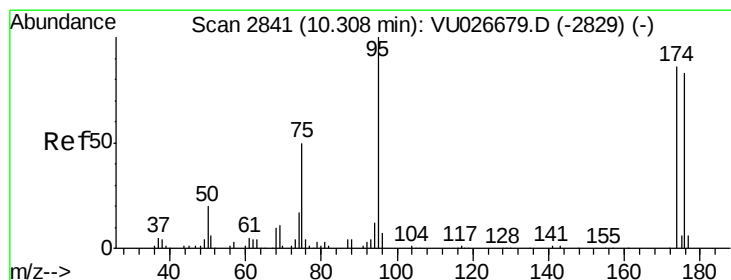
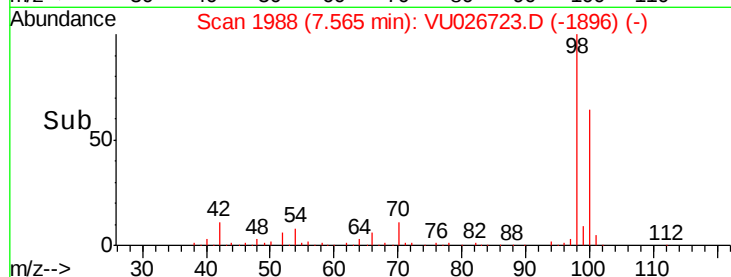
100000

50000

0

7.50 7.60 7.70

Time-->



#62

4-Bromofluorobenzene

Concen: 63.15 ug/l

RT: 10.31 min Scan# 2842

Delta R.T. 0.00 min

Lab File: VU026723.D

Acq: 13 Sep 2018 10:06

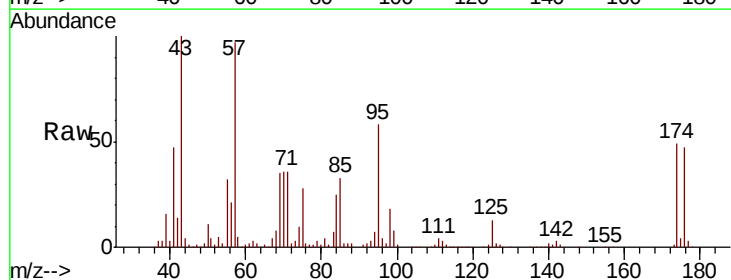
Tgt Ion: 95 Resp: 119706

Ion Ratio Lower Upper

95 100

174 80.1 0.0 172.8

176 77.0 0.0 168.6



Abundance Ion 94.90 (94.60 to 95.60): VU026679.D (-2829) (-)

Ion 173.80 (173.50 to 174.50): VU026679.D (-2829) (-)

Ion 175.80 (175.50 to 176.50): VU026679.D (-2829) (-)

10.31

100000

80000

60000

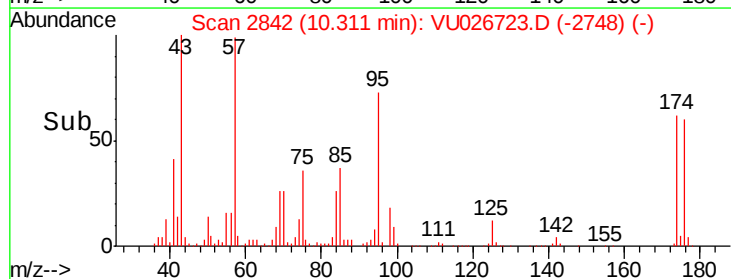
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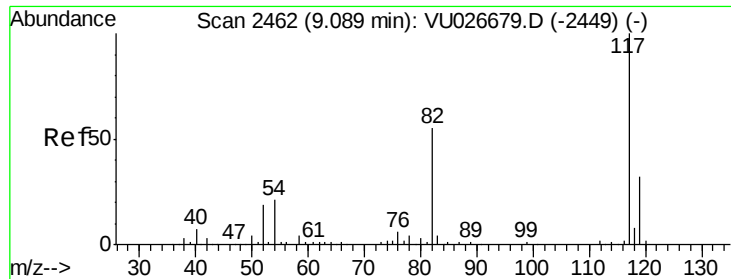
20000

0

10.25 10.30 10.35

Time-->

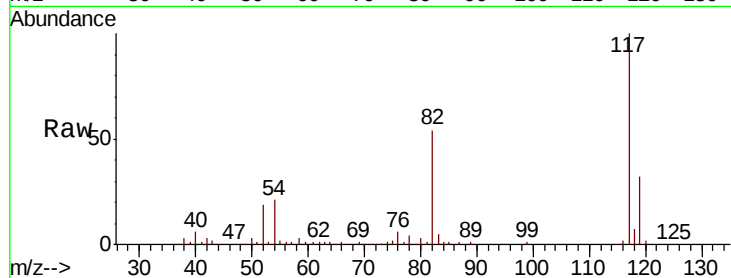




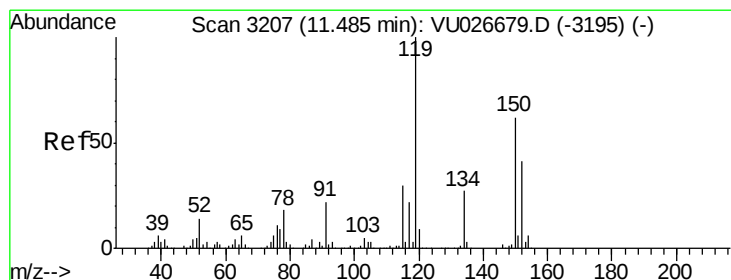
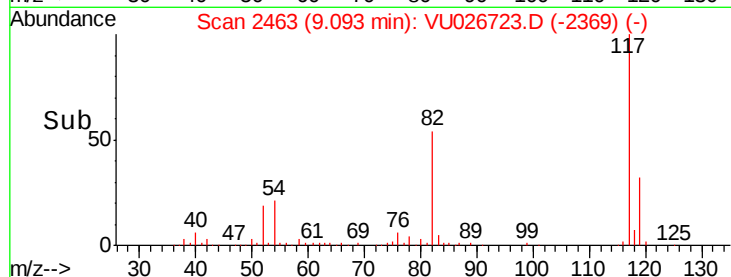
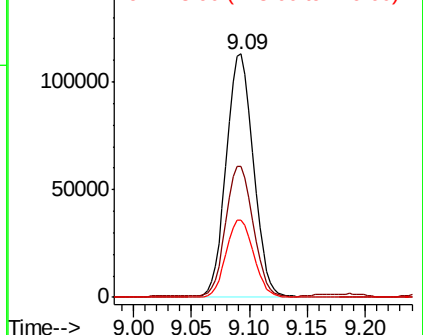
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU026723.D
Acq: 13 Sep 2018 10:06

Instrument :
MSVOA_U
ClientSampleId :
EP1-Q2-H7MEDL

Tot Ion:117 Resp: 183438
Ion Ratio Lower Upper
117 100
82 53.0 44.1 66.1
119 31.9 25.7 38.5

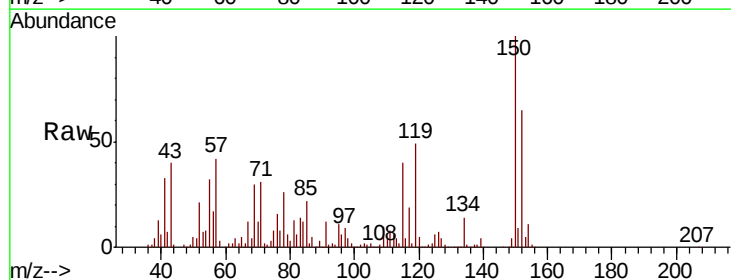


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU026679.D (-2449) (-)
Ion 118.90 (118.60 to 119.60): V

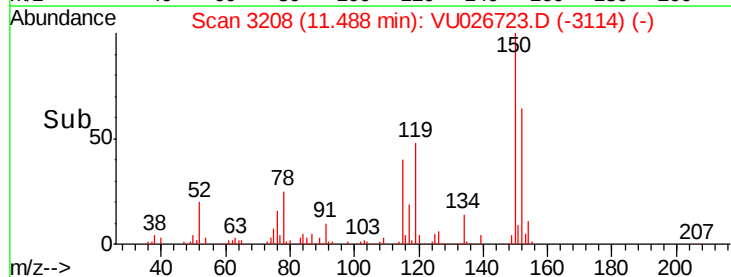
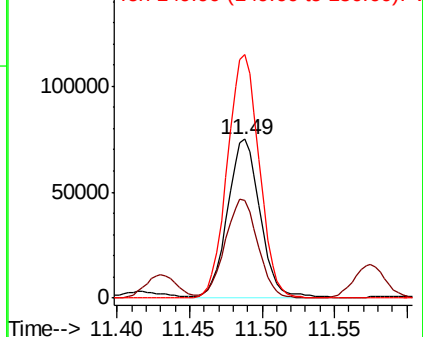


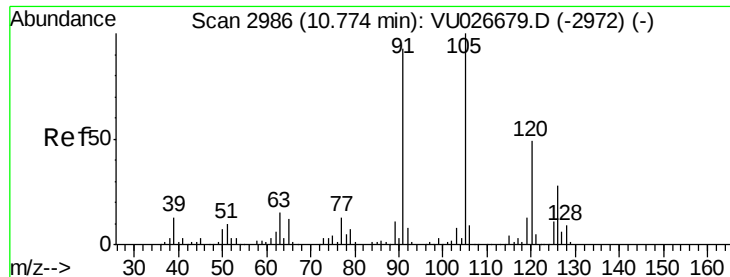
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3208
Delta R.T. 0.00 min
Lab File: VU026723.D
Acq: 13 Sep 2018 10:06

Tgt Ion:152 Resp: 115782
Ion Ratio Lower Upper
152 100
115 62.9 40.4 121.1
150 151.4 0.0 345.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): VU026679.D (-3195) (-)
Ion 149.90 (149.60 to 150.60): V

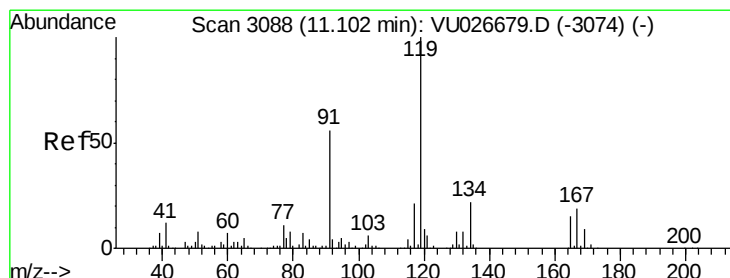
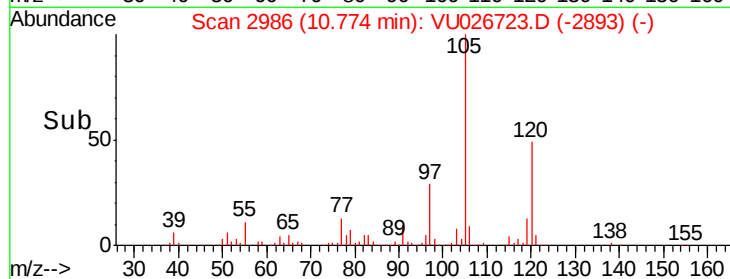
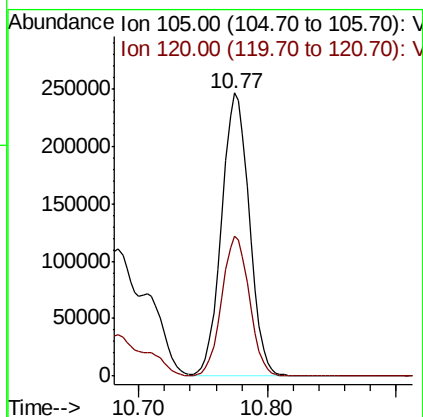
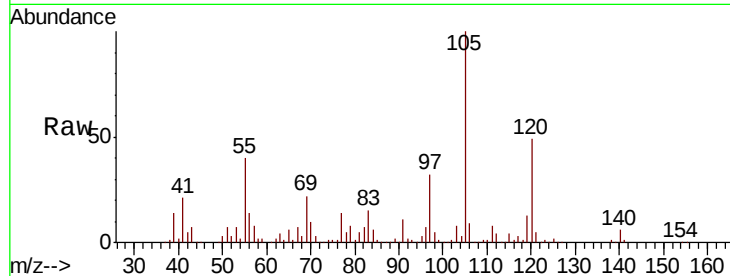




#80
 1,3,5-Trimethylbenzene
 Concen: 55.21 ug/l
 RT: 10.77 min Scan# 2986
 Delta R.T. 0.00 min
 Lab File: VU026723.D
 Acq: 13 Sep 2018 10:06

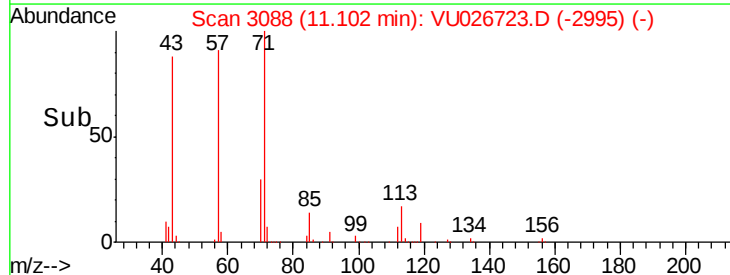
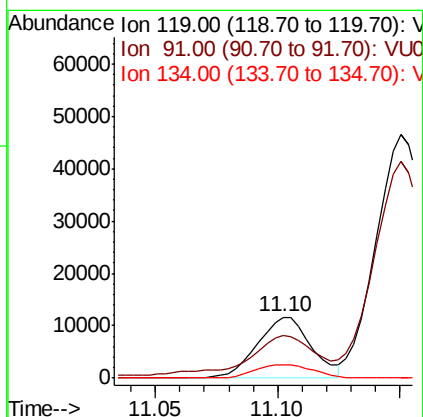
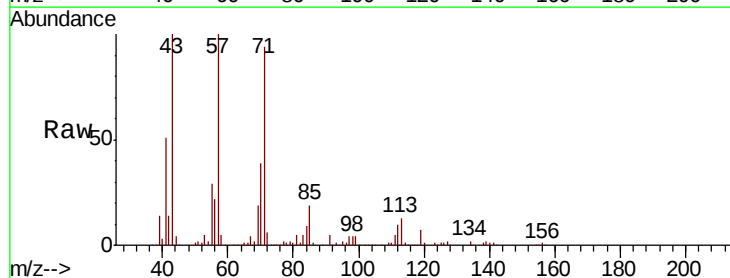
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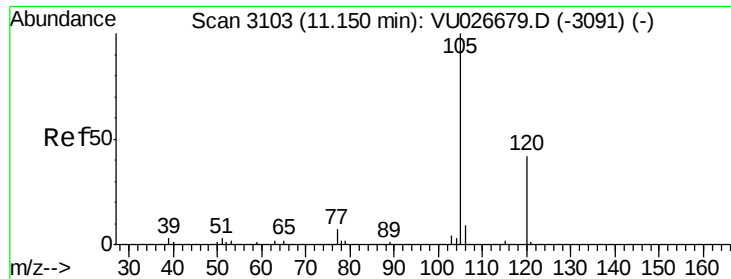
Tot Ion:105 Resp: 366118
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.6 74.0



#83
 tert-Butylbenzene
 Concen: 2.66 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. 0.00 min
 Lab File: VU026723.D
 Acq: 13 Sep 2018 10:06

Tgt Ion:119 Resp: 17895
 Ion Ratio Lower Upper
 119 100
 91 75.5 28.3 85.0
 134 23.1 11.2 33.5

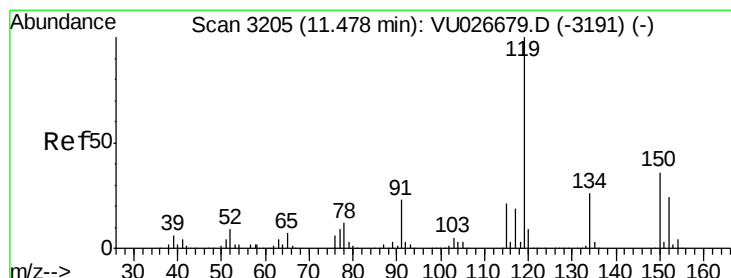
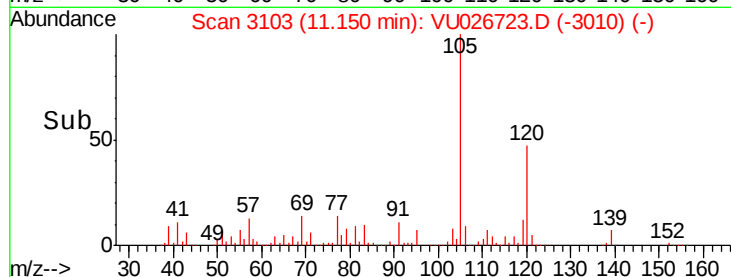
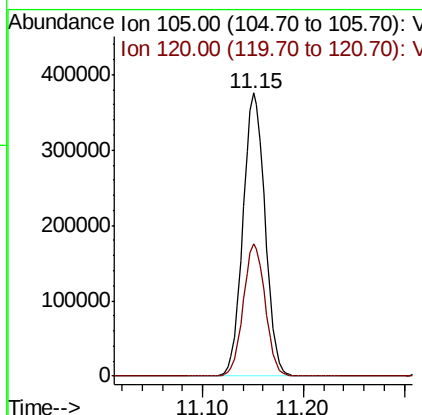
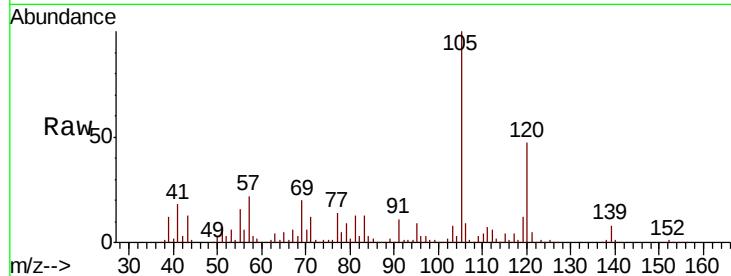




#84
 1,2,4-Trimethylbenzene
 Concen: 84.14 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. 0.00 min
 Lab File: VU026723.D
 Acq: 13 Sep 2018 10:06

Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-Q2-H7MEDL

Tot Ion:105 Resp: 562822
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.3 69.8



#86
 p-Isopropyltoluene
 Concen: 17.38 ug/l
 RT: 11.48 min Scan# 3205
 Delta R.T. 0.00 min
 Lab File: VU026723.D
 Acq: 13 Sep 2018 10:06

Tgt Ion:119 Resp: 128144
 Ion Ratio Lower Upper
 119 100
 134 27.5 13.2 39.5
 91 22.5 11.6 34.8

