

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092818\
 Data File : VU027277.D
 Acq On : 28 Sep 2018 17:25
 Operator : MD/SY
 Sample : J5041-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 S13-0249

Quant Time: Sep 29 00:13:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 01:31:57 2018
 Response via : Initial Calibration

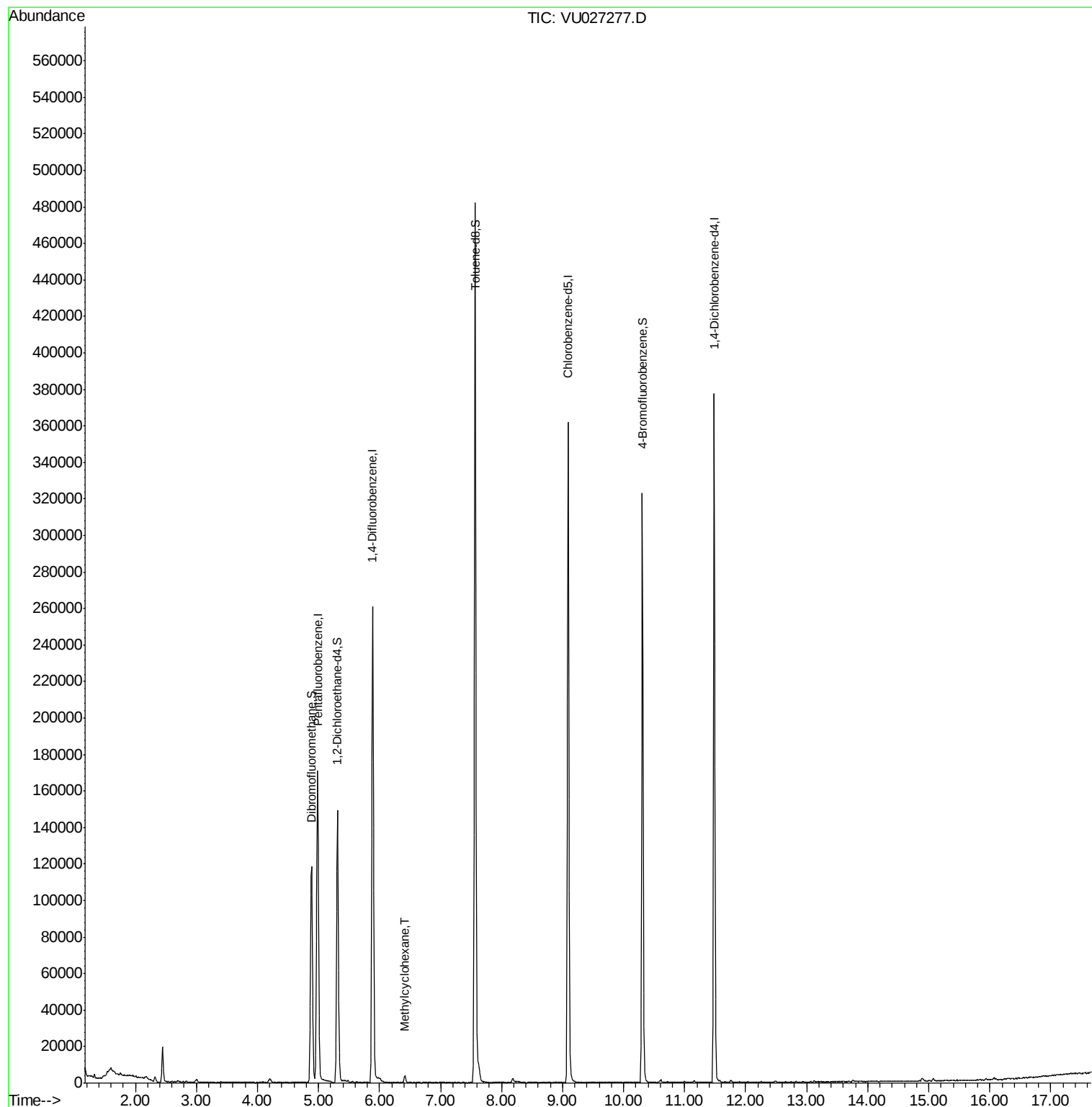
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	124309	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	207428	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	196312	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	93412	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	115020	45.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.94%	
35) Dibromofluoromethane	4.88	113	82386	45.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.64%	
50) Toluene-d8	7.57	98	322323	47.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.08%	
62) 4-Bromofluorobenzene	10.31	95	107515	45.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.46%	
Target Compounds						
39) Methylcyclohexane	6.41	83	1618	0.538	ug/l	91

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027277.D

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Instrument :

MSVOA_U

ClientSampleId :

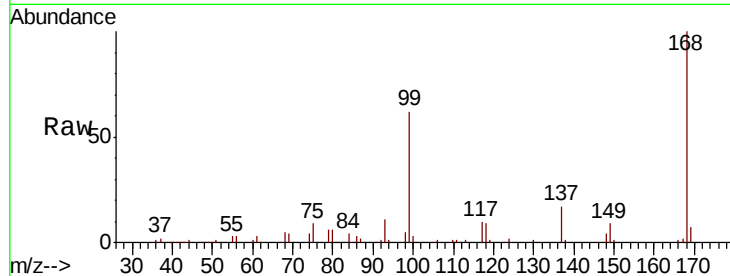
S13-0249

Tot Ion:168 Resp: 124309

Ion Ratio Lower Upper

168 100

99 62.0 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU026969.D (-1169) (-)

4.99

60000

50000

40000

30000

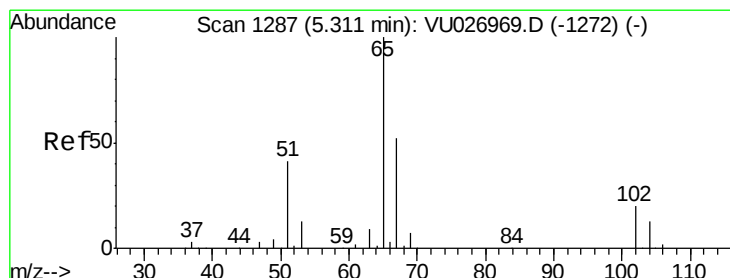
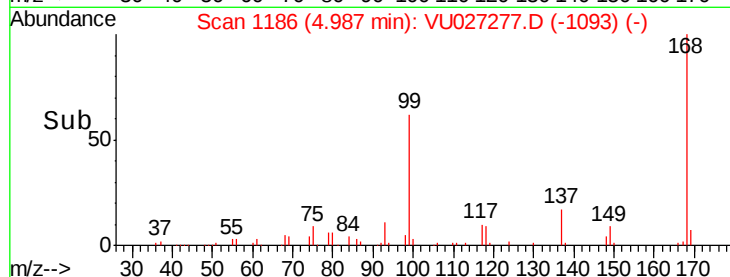
20000

10000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 45.973 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VU027277.D

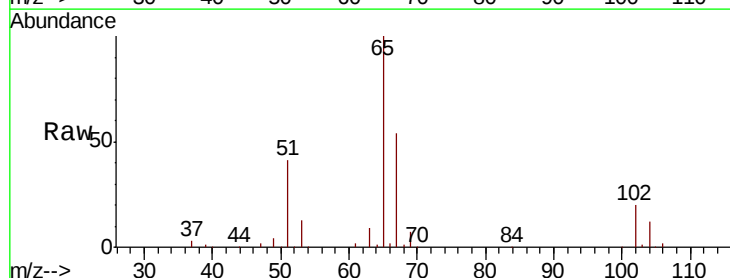
Acq: 28 Sep 2018 17:25

Tgt Ion: 65 Resp: 115020

Ion Ratio Lower Upper

65 100

67 53.3 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VU026969.D (-1272) (-)

Ion 66.90 (66.60 to 67.60): VU026969.D (-1272) (-)

5.31

60000

50000

40000

30000

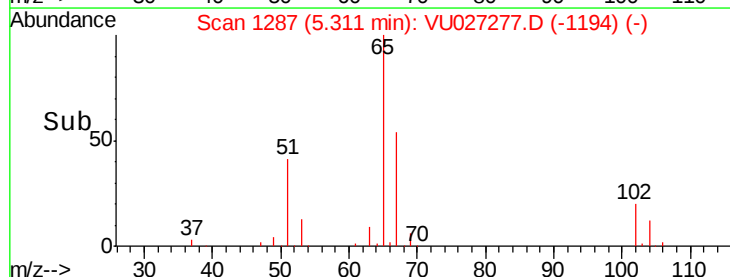
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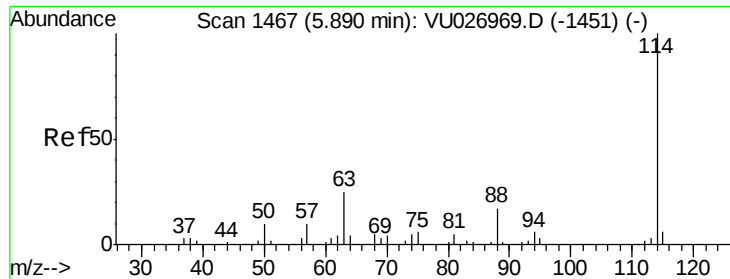
10000

0

5.20 5.30 5.40

Time-->

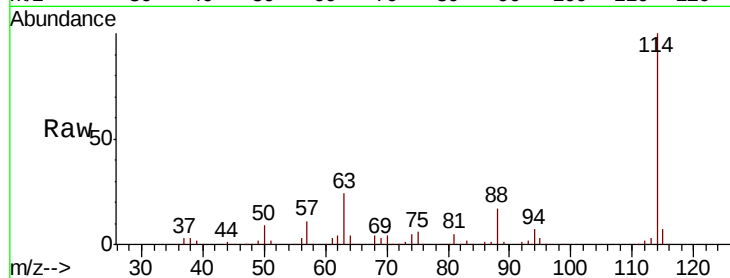




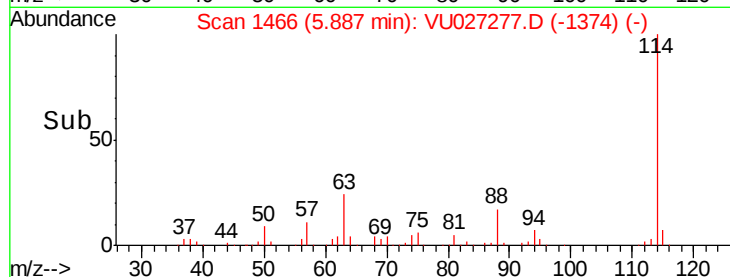
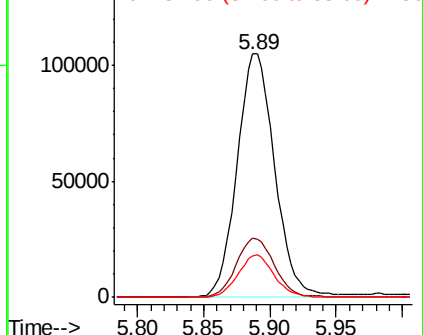
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU027277.D
 Acq: 28 Sep 2018 17:25

Instrument :
 MSVOA_U
 ClientSampled :
 S13-0249

Tot Ion:114 Resp: 207428
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 49.2
 88 17.1 0.0 33.8

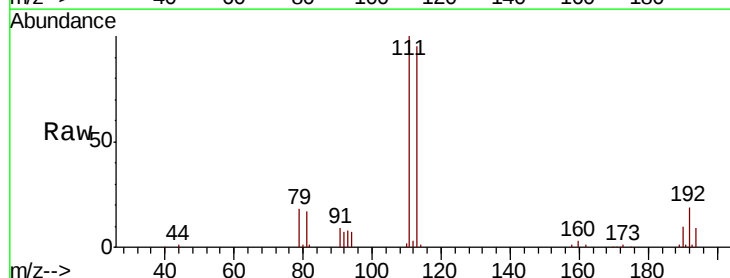


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

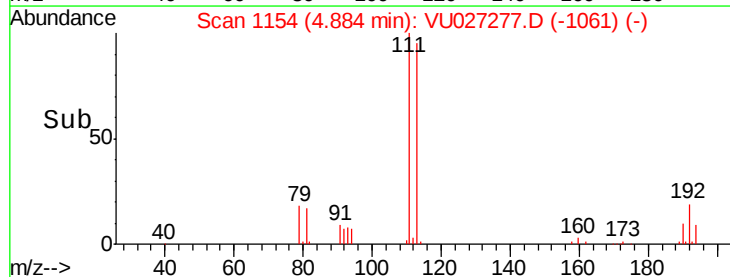
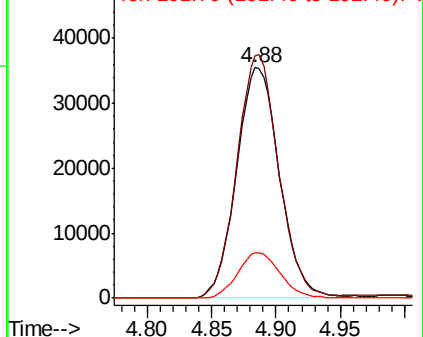


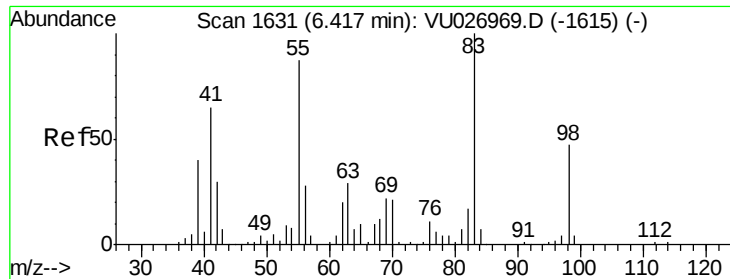
#35
 Dibromofluoromethane
 Concen: 45.821 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027277.D
 Acq: 28 Sep 2018 17:25

Tgt Ion:113 Resp: 82386
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.2 123.4
 192 19.5 15.2 22.8



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

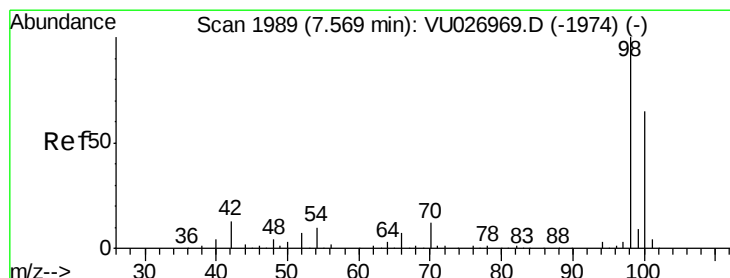
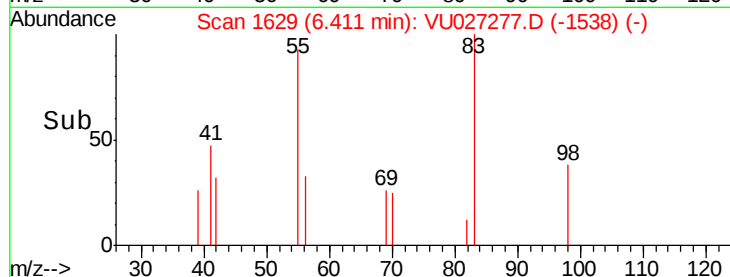
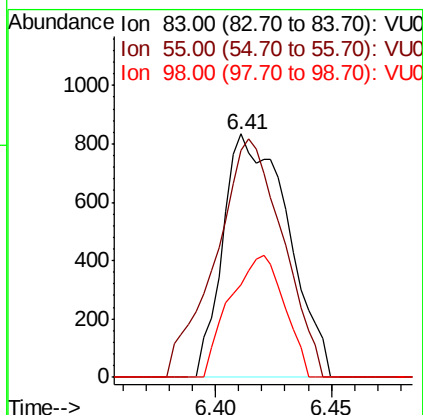
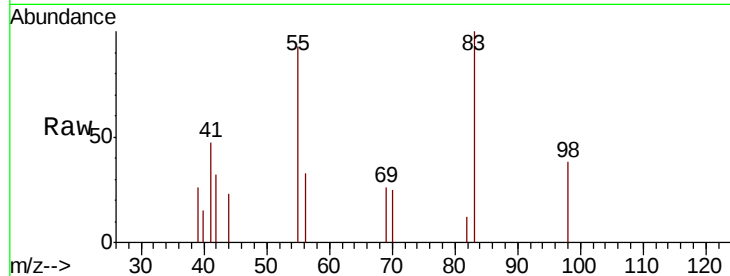




#39
Methvlcvclohexane
Concen: 0.538 ug/l
RT: 6.41 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VU027277.D
Acq: 28 Sep 2018 17:25

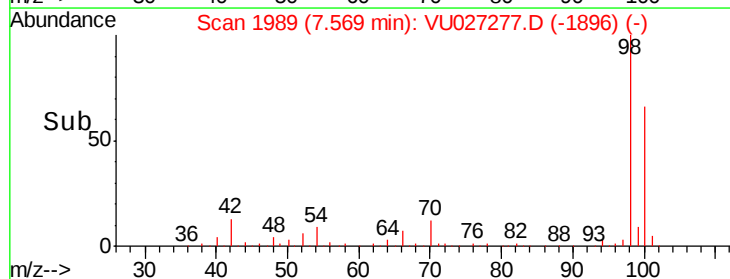
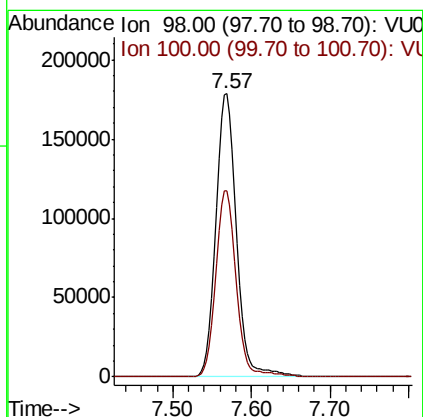
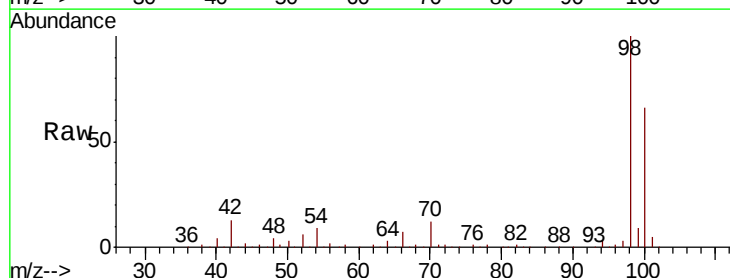
Instrument :
MSVOA_U
ClientSampled :
S13-0249

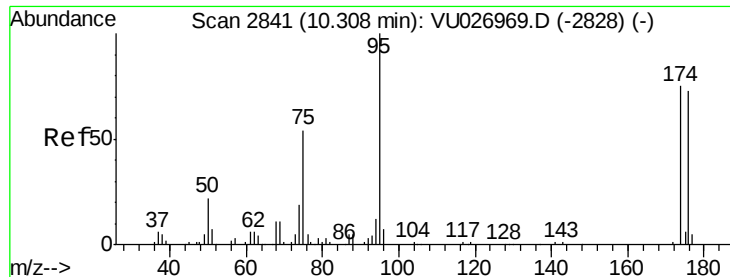
Tot Ion: 83 Resp: 1618
Ion Ratio Lower Upper
83 100
55 93.0 69.9 104.9
98 38.0 37.5 56.3



#50
Toluene-d8
Concen: 47.039 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU027277.D
Acq: 28 Sep 2018 17:25

Tgt Ion: 98 Resp: 322323
Ion Ratio Lower Upper
98 100
100 65.4 52.1 78.1





#62

4-Bromofluorobenzene

Concen: 45.728 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027277.D

Acq: 28 Sep 2018 17:25

Instrument :

MSVOA_U

ClientSampled :

S13-0249

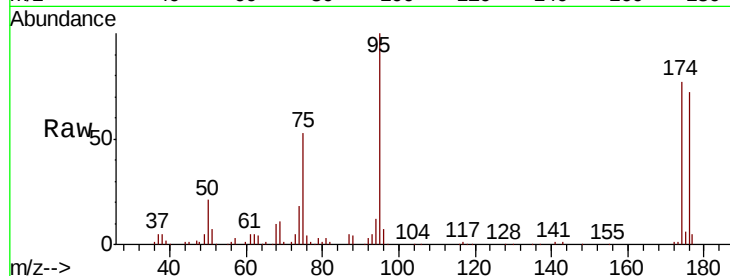
Tot Ion: 95 Resp: 107515

Ion Ratio Lower Upper

95 100

174 75.5 0.0 150.2

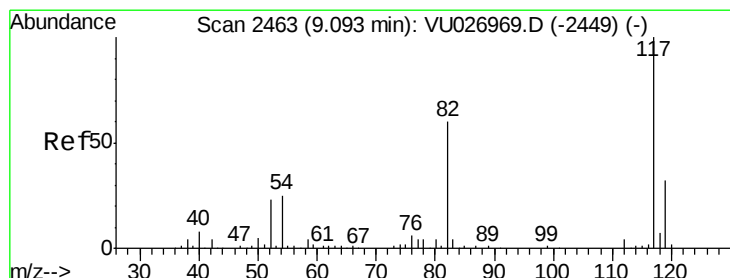
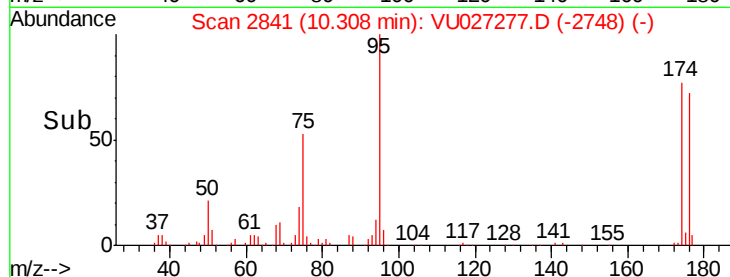
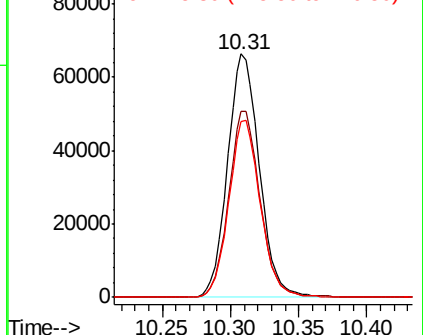
176 72.0 0.0 145.2



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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2463

Delta R.T. 0.00 min

Lab File: VU027277.D

Acq: 28 Sep 2018 17:25

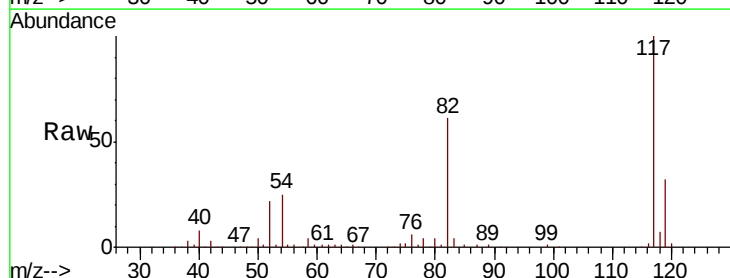
Tgt Ion: 117 Resp: 196312

Ion Ratio Lower Upper

117 100

82 61.1 48.0 72.0

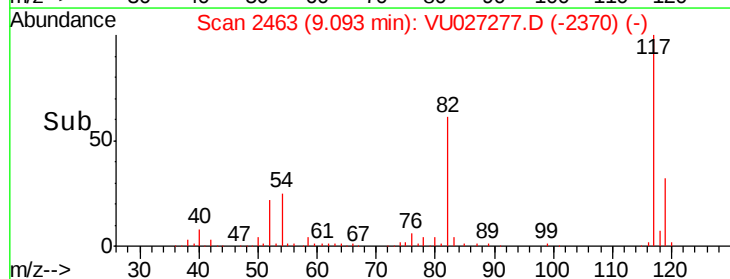
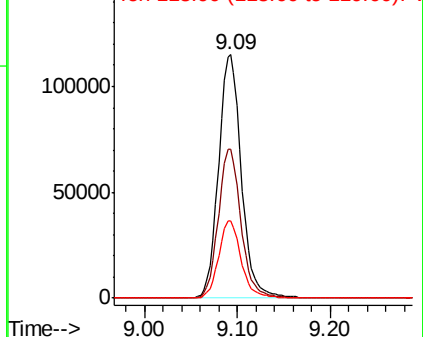
119 31.8 25.8 38.8

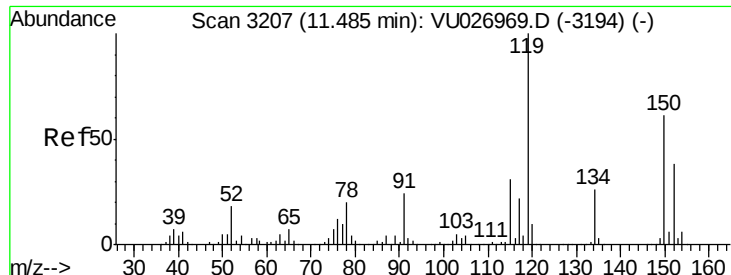


Abundance Ion 116.90 (116.60 to 117.60): V

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# 3207
 Delta R.T. 0.00 min
 Lab File: VU027277.D
 Acq: 28 Sep 2018 17:25

Instrument :
 MSVOA_U
 ClientSampleId :
 S13-0249

Tot Ion:152 Resp: 93412
 Ion Ratio Lower Upper
 152 100
 115 60.9 44.9 134.5
 150 157.9 0.0 355.8

