

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110818\
 Data File : VU028023.D
 Acq On : 08 Nov 2018 14:05
 Operator : MD/SY
 Sample : PB114610ZHE#07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB114610ZHE#07

Quant Time: Nov 08 14:28:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 02 02:28:20 2018
 Response via : Initial Calibration

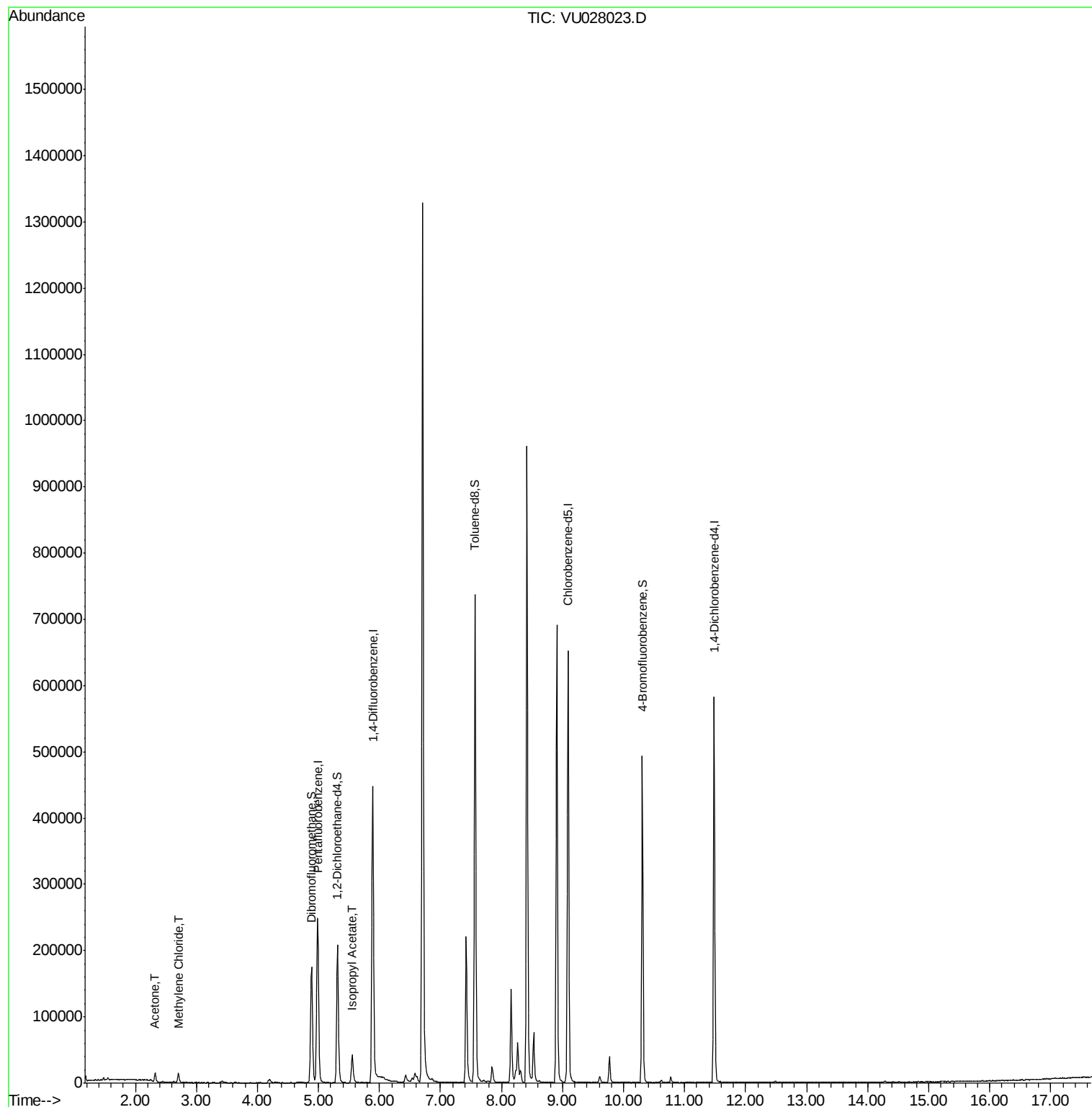
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	185640	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	363768	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	332678	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	144671	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	161102	58.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.74%	
35) Dibromofluoromethane	4.89	113	118845	51.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.64%	
50) Toluene-d8	7.57	98	477128	53.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.70%	
62) 4-Bromofluorobenzene	10.31	95	161974	49.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.12%	
Target Compounds						
16) Acetone	2.32	43	14297	8.349	ug/l	96
20) Methylene Chloride	2.70	84	5846	2.338	ug/l	94
43) Isopropyl Acetate	5.55	43	53104	6.072	ug/l	99

(#) = 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: VU028023.D

Acq: 08 Nov 2018 14:05

Instrument :

MSVOA_U

ClientSampleId :

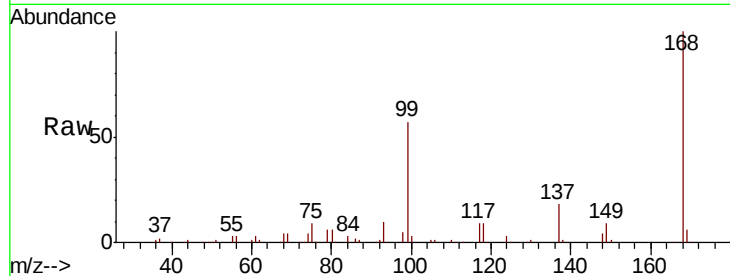
PB114610ZHE#07

Tot Ion:168 Resp: 185640

Ion Ratio Lower Upper

168 100

99 56.7 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VU027906.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU027906.D (-1168) (-)

4.99

80000

60000

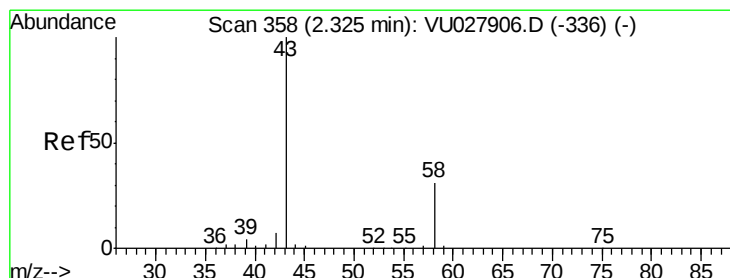
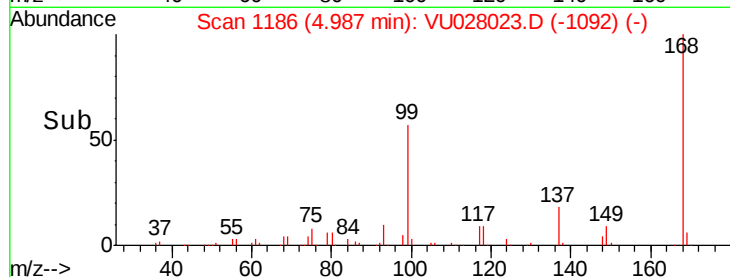
40000

20000

0

Time-->

4.90 5.00 5.10



#16

Acetone

Concen: 8.349 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU028023.D

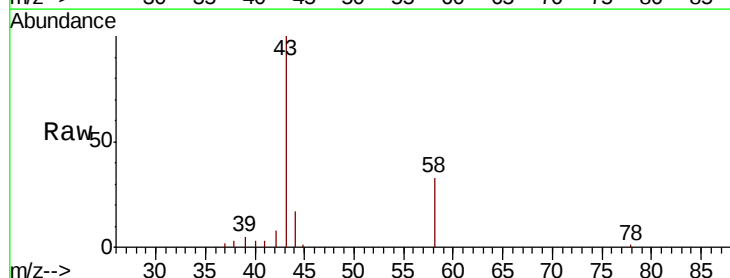
Acq: 08 Nov 2018 14:05

Tgt Ion: 43 Resp: 14297

Ion Ratio Lower Upper

43 100

58 33.3 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VU027906.D (-336) (-)

Ion 58.00 (57.70 to 58.70): VU027906.D (-336) (-)

2.32

10000

8000

6000

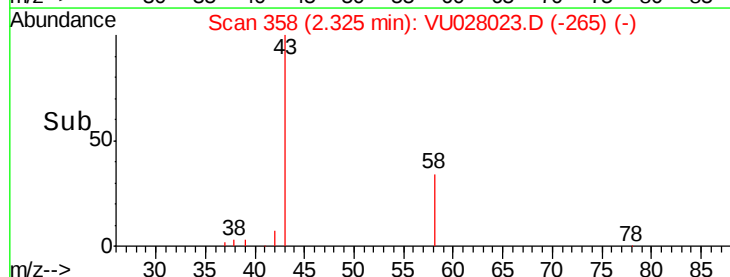
4000

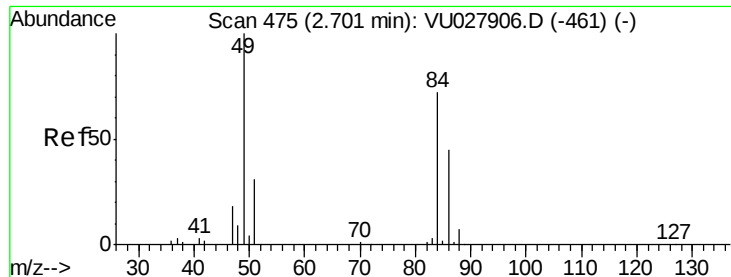
2000

0

Time-->

2.25 2.30 2.35 2.40

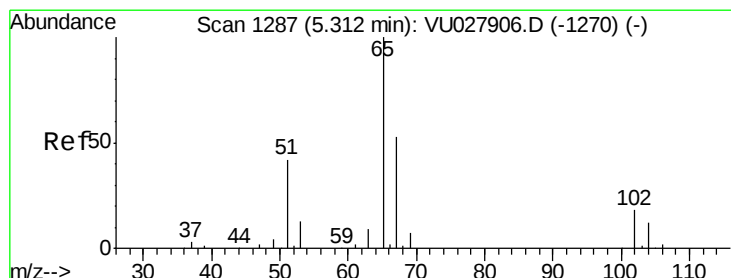
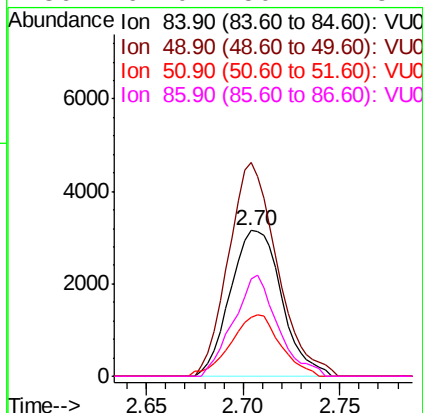
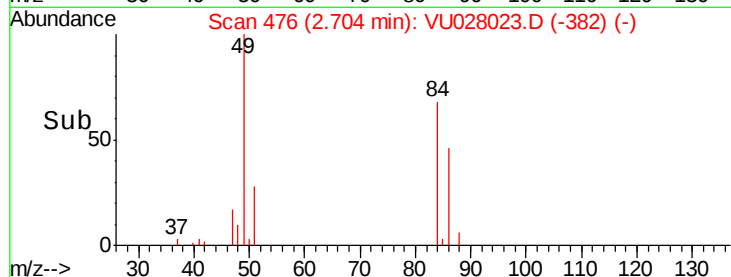
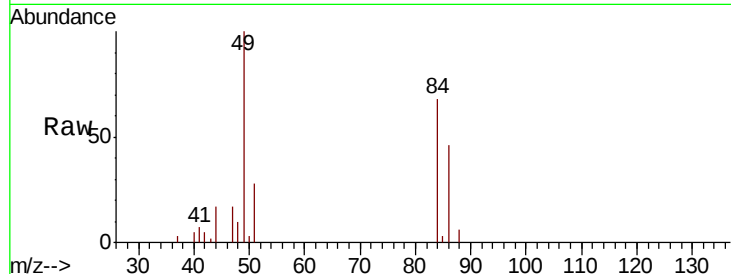




#20
Methylene Chloride
Concen: 2.338 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU028023.D
Acq: 08 Nov 2018 14:05

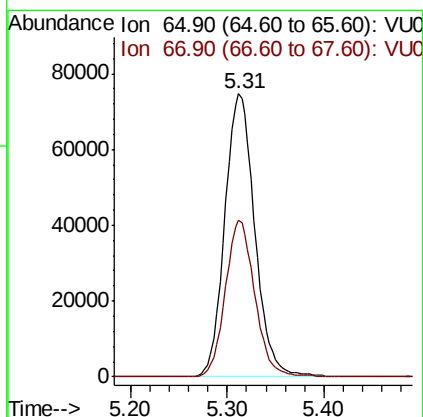
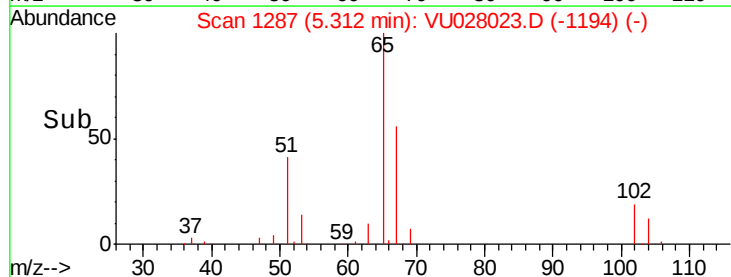
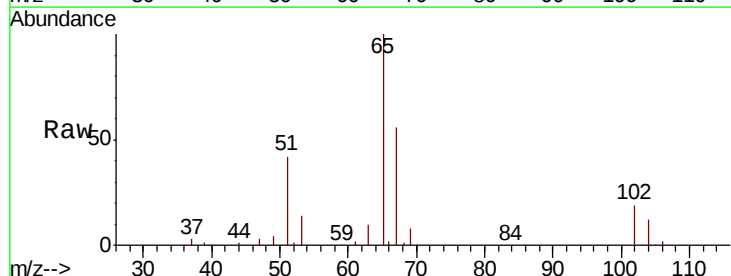
Instrument :
MSVOA_U
ClientSampleId :
PB114610ZHE#07

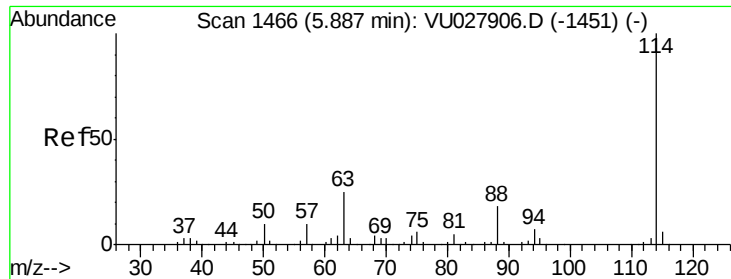
Tot Ion: 84 Resp: 5846
Ion Ratio Lower Upper
84 100
49 146.9 111.6 167.4
51 40.7 34.8 52.2
86 67.0 50.1 75.1



#33
1,2-Dichloroethane-d4
Concen: 58.370 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU028023.D
Acq: 08 Nov 2018 14:05

Tgt Ion: 65 Resp: 161102
Ion Ratio Lower Upper
65 100
67 54.3 0.0 109.0

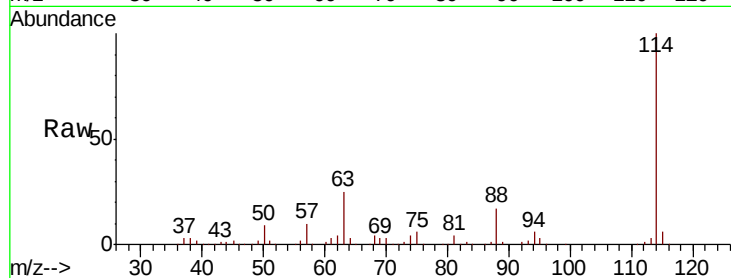




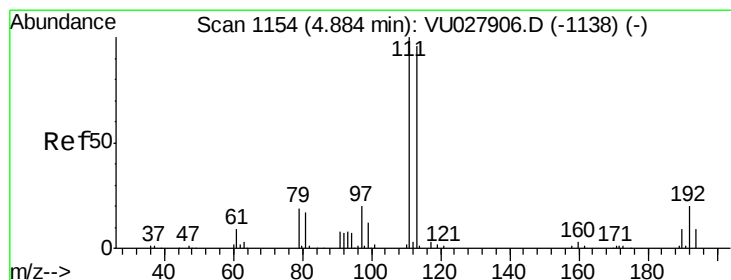
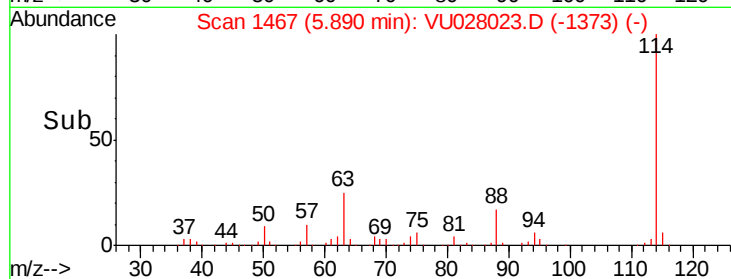
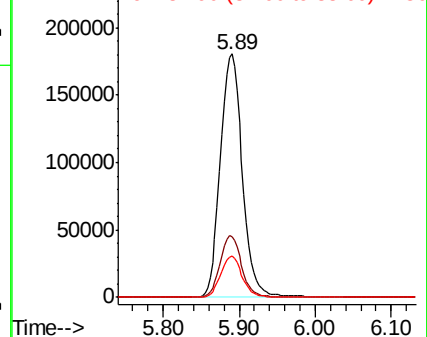
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU028023.D
 Acq: 08 Nov 2018 14:05

Instrument :
 MSVOA_U
 ClientSampleId :
 PB114610ZHE#07

Tot Ion	Ratio	Lower	Upper
114	100		
63	25.1	0.0	50.8
88	16.7	0.0	35.8

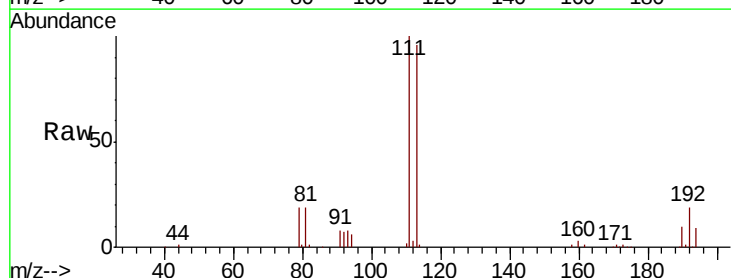


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

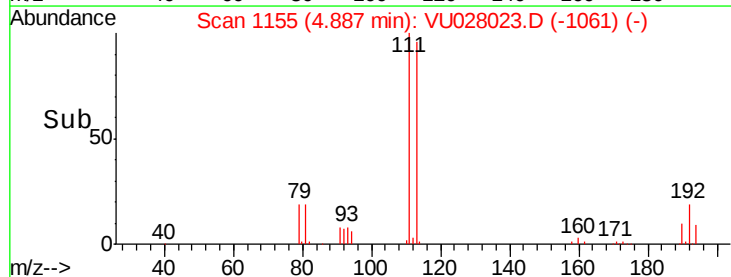
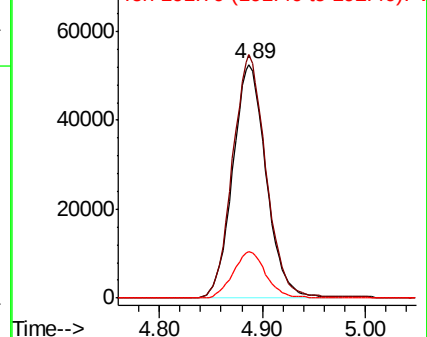


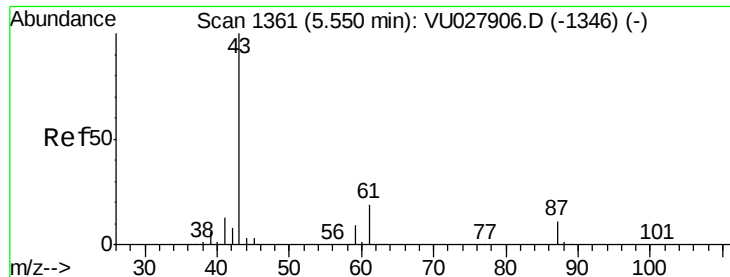
#35
 Dibromofluoromethane
 Concen: 51.816 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU028023.D
 Acq: 08 Nov 2018 14:05

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.8	83.0	124.6
192	19.6	15.6	23.4



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





#43

Isopropyl Acetate

Concen: 6.072 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VU028023.D

Acq: 08 Nov 2018 14:05

Instrument :

MSVOA_U

ClientSampleId :

PB114610ZHE#07

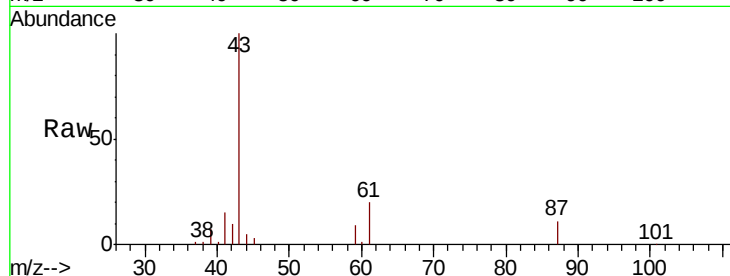
Tot Ion: 43 Resp: 53104

Ion Ratio Lower Upper

43 100

61 18.3 15.0 22.4

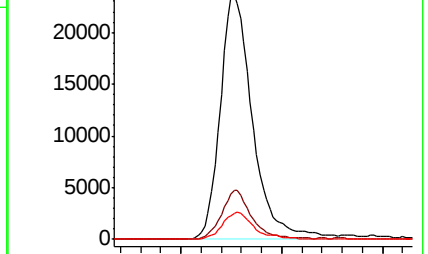
87 10.5 8.6 12.8



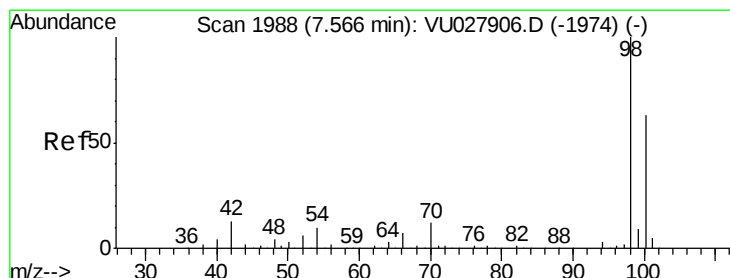
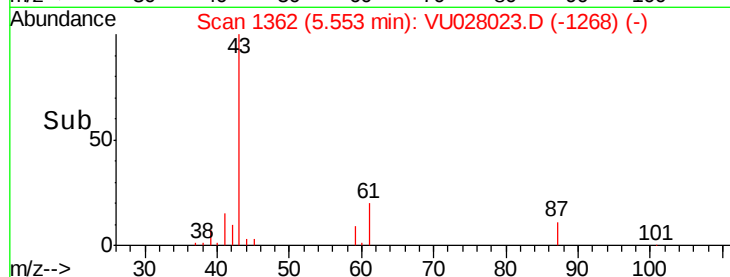
Abundance Ion 43.00 (42.70 to 43.70): VU027906.D (-1346) (-)

Ion 61.00 (60.70 to 61.70): VU027906.D (-1346) (-)

Ion 87.00 (86.70 to 87.70): VU027906.D (-1346) (-)



Time-->



#50

Toluene-d8

Concen: 53.852 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VU028023.D

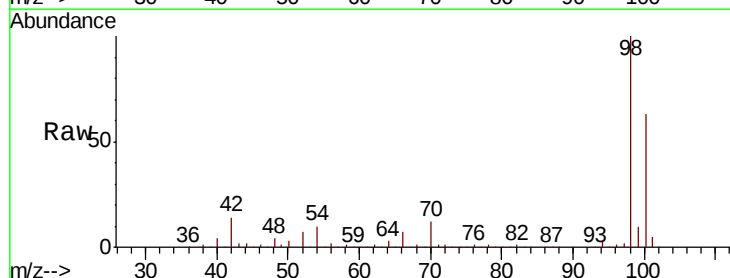
Acq: 08 Nov 2018 14:05

Tgt Ion: 98 Resp: 477128

Ion Ratio Lower Upper

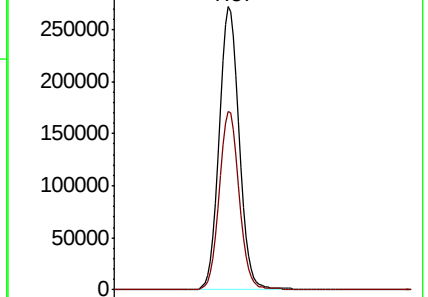
98 100

100 62.6 50.1 75.1

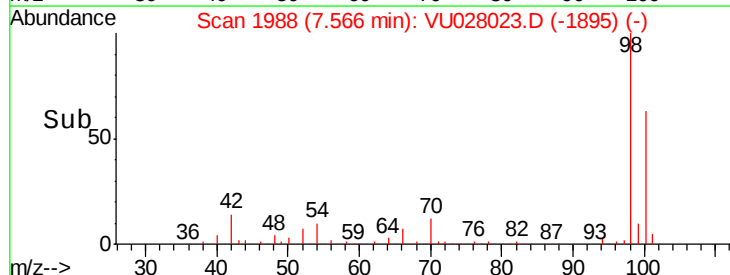


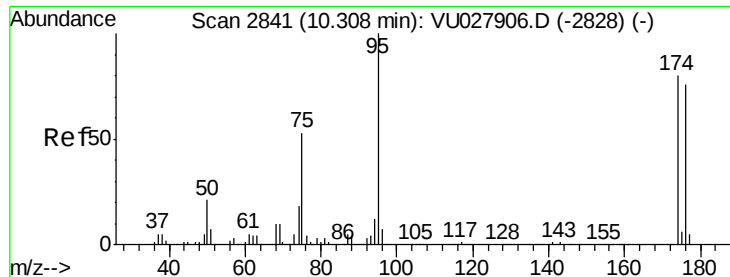
Abundance Ion 98.00 (97.70 to 98.70): VU027906.D (-1974) (-)

Ion 100.00 (99.70 to 100.70): VU027906.D (-1974) (-)



Time-->





#62

4-Bromofluorobenzene

Concen: 49.564 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU028023.D

Acq: 08 Nov 2018 14:05

Instrument :

MSVOA_U

ClientSampleId :

PB114610ZHE#07

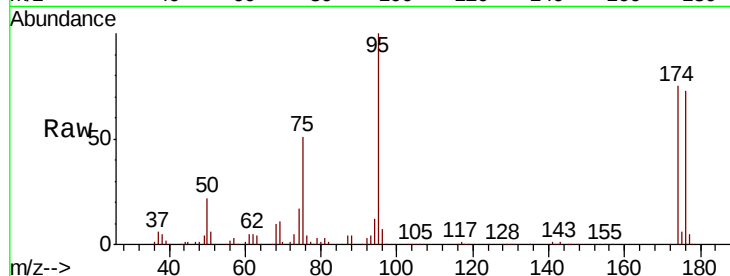
Tot Ion: 95 Resp: 161974

Ion Ratio Lower Upper

95 100

174 75.3 0.0 156.4

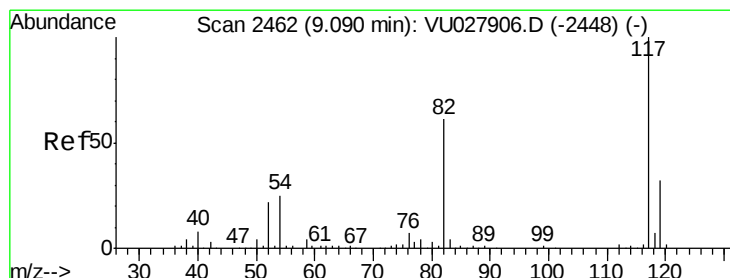
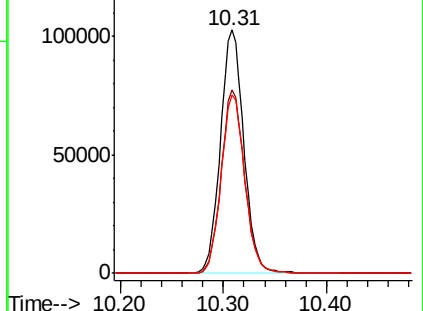
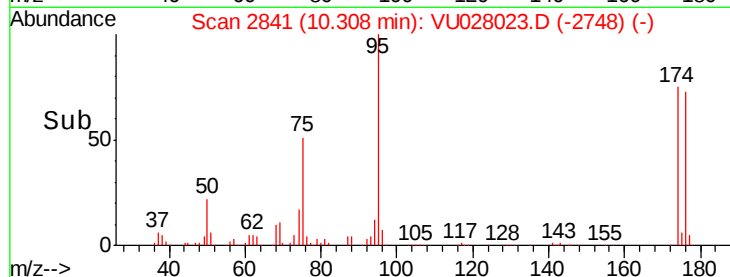
176 74.0 0.0 150.8



Abundance Ion 94.90 (94.60 to 95.60): VU028023.D (-2748) (-)

Ion 173.80 (173.50 to 174.50): VU028023.D (-2748) (-)

Ion 175.80 (175.50 to 176.50): VU028023.D (-2748) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. 0.00 min

Lab File: VU028023.D

Acq: 08 Nov 2018 14:05

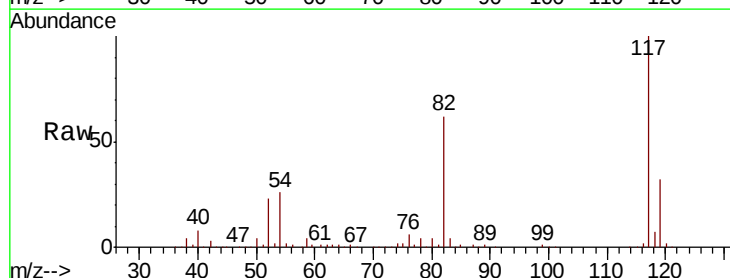
Tgt Ion: 117 Resp: 332678

Ion Ratio Lower Upper

117 100

82 61.8 48.6 73.0

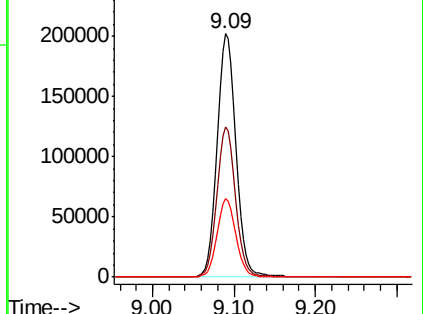
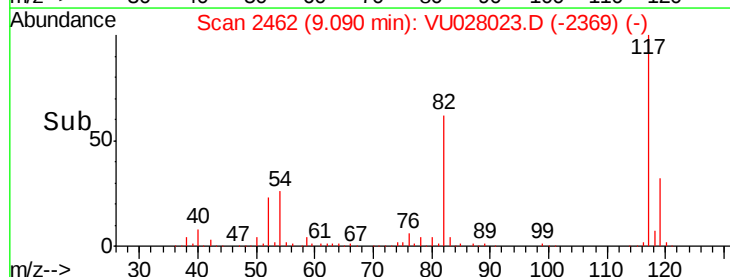
119 32.0 25.8 38.8

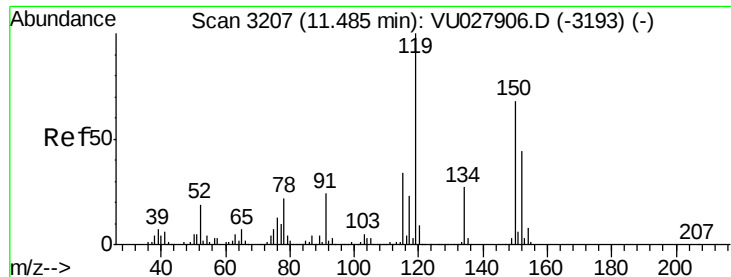


Abundance Ion 116.90 (116.60 to 117.60): VU028023.D (-2369) (-)

Ion 82.00 (81.70 to 82.70): VU028023.D (-2369) (-)

Ion 118.90 (118.60 to 119.60): VU028023.D (-2369) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU028023.D

Acq: 08 Nov 2018 14:05

Instrument :

MSVOA_U

ClientSampleId :

PB114610ZHE#07

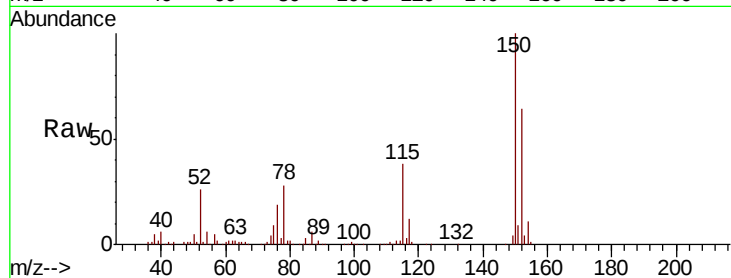
Tot Ion:152 Resp: 144671

Ion Ratio Lower Upper

152 100

115 59.8 43.0 129.0

150 154.5 0.0 349.4



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

