

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110718\
 Data File : VU027998.D
 Acq On : 07 Nov 2018 12:16
 Operator : MD/SY
 Sample : PB114573ZHE#03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB114573ZHE#03

Quant Time: Nov 07 13:58:02 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

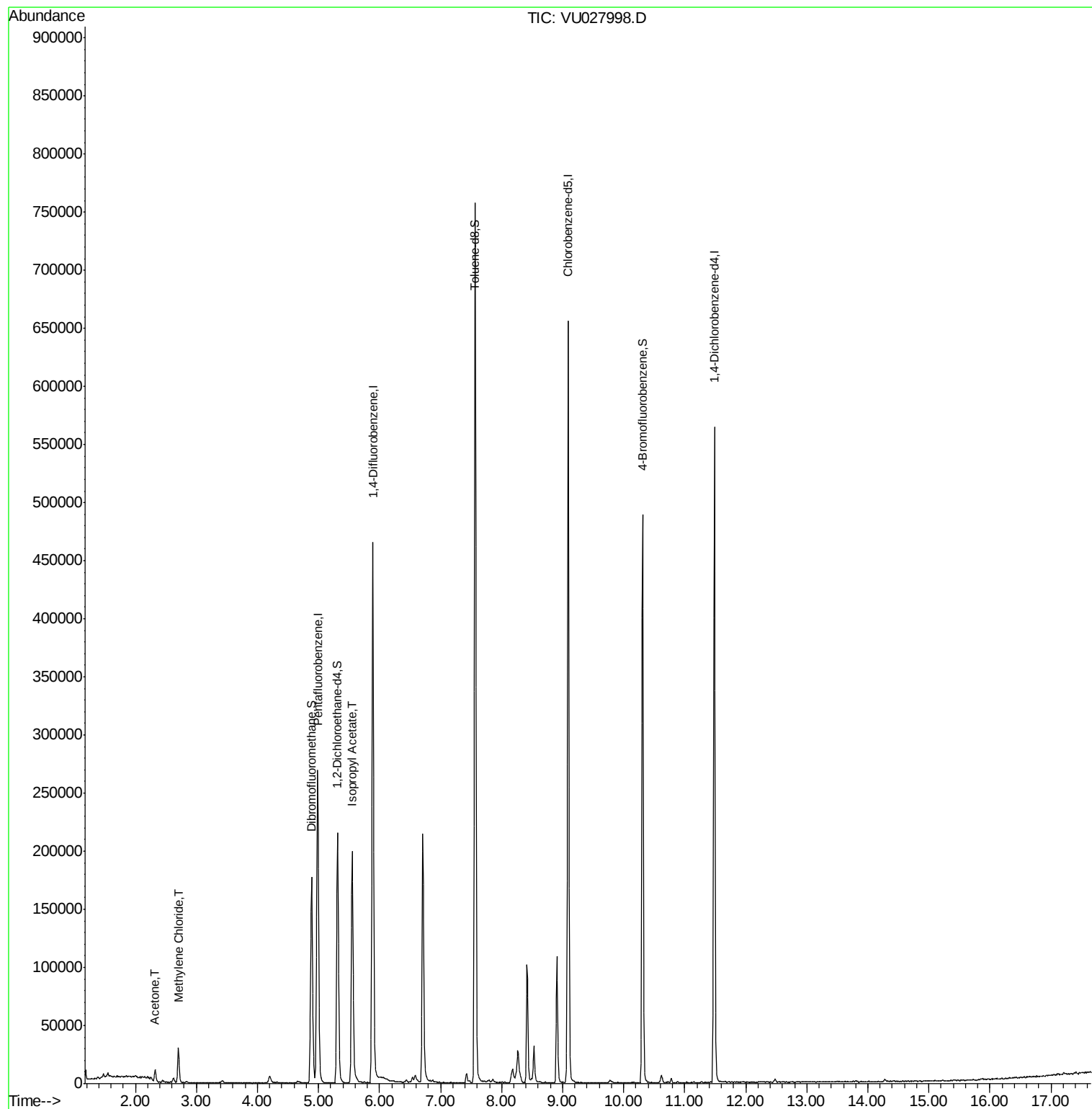
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	203525	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	384157	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	338135	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	140033	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	167706	55.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.84%	
35) Dibromofluoromethane	4.89	113	123895	51.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.30%	
50) Toluene-d8	7.57	98	491972	52.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.16%	
62) 4-Bromofluorobenzene	10.31	95	160505	46.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.02%	
Target Compounds						
16) Acetone	2.32	43	11291	6.014	ug/l	99
20) Methylene Chloride	2.71	84	12552	4.579	ug/l	98
43) Isopropyl Acetate	5.55	43	243421	26.356	ug/l	100

(#) = 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: VU027998.D

Acq: 07 Nov 2018 12:16

Instrument :

MSVOA_U

ClientSampleId :

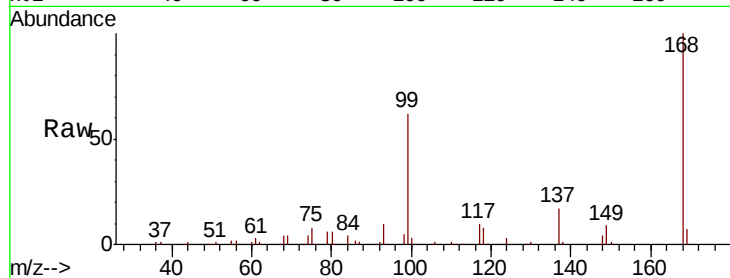
PB114573ZHE#03

Tot Ion:168 Resp: 203525

Ion Ratio Lower Upper

168 100

99 61.6 47.9 71.9



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

Ion 98.90 (98.60 to 99.60): VU027998.D (-1092) (-)

4.99

80000

60000

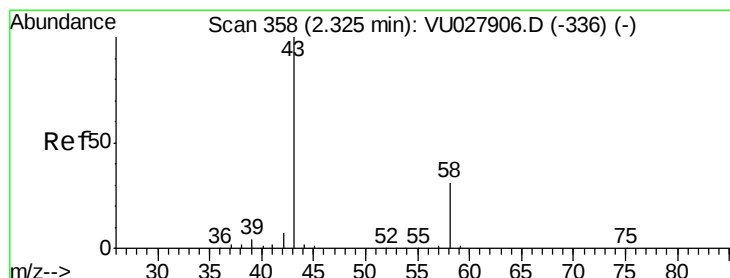
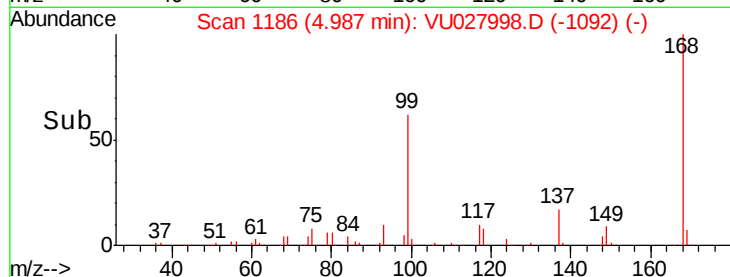
40000

20000

0

4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 6.014 ug/l

RT: 2.32 min Scan# 358

Delta R.T. -0.00 min

Lab File: VU027998.D

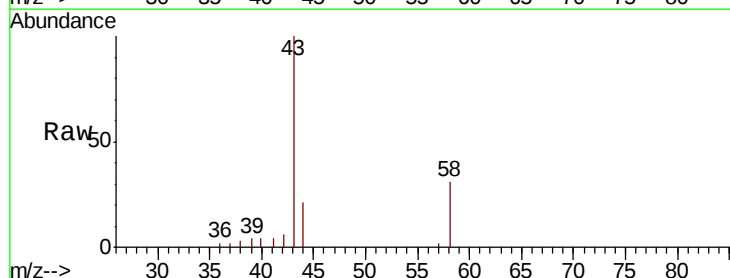
Acq: 07 Nov 2018 12:16

Tgt Ion: 43 Resp: 11291

Ion Ratio Lower Upper

43 100

58 31.2 24.6 37.0



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

Ion 58.00 (57.70 to 58.70): VU027998.D (-265) (-)

2.32

8000

6000

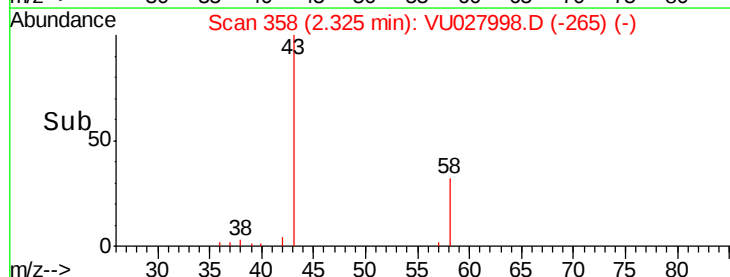
4000

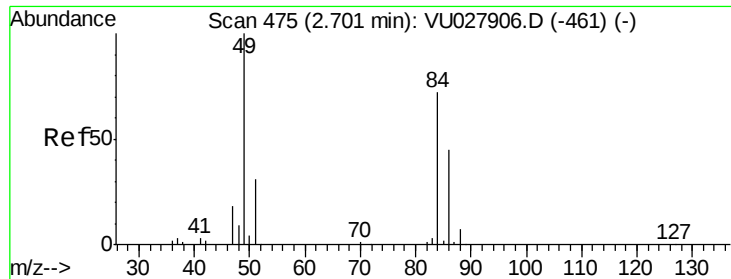
2000

0

2.25 2.30 2.35 2.40

Time-->

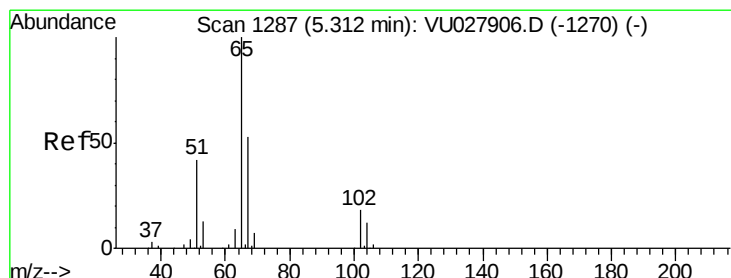
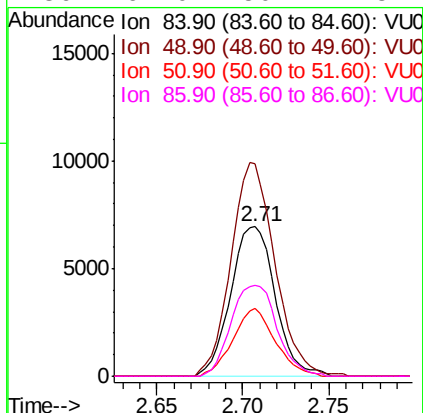
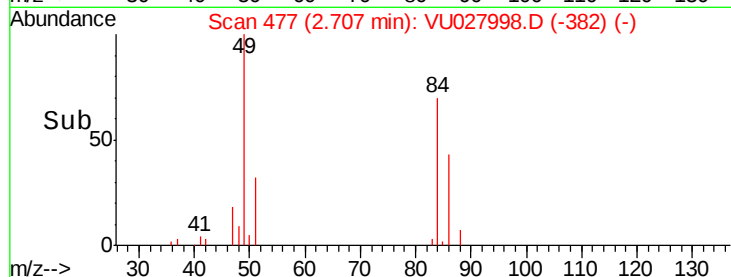
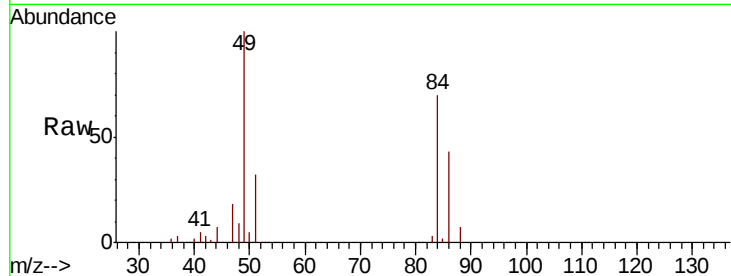




#20
Methvlene Chloride
Concen: 4.579 ug/l
RT: 2.71 min Scan# 477
Delta R.T. 0.01 min
Lab File: VU027998.D
Acq: 07 Nov 2018 12:16

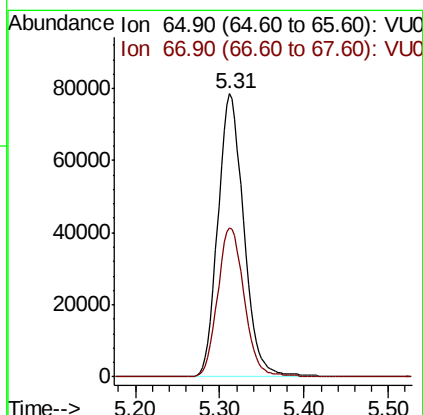
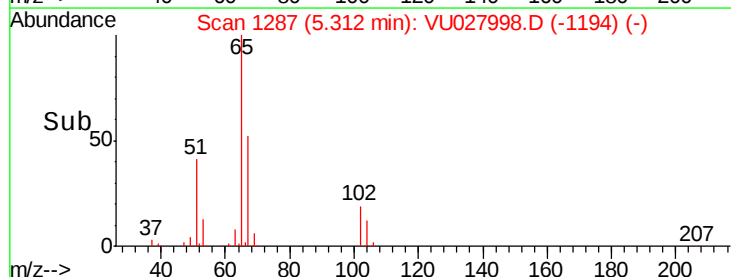
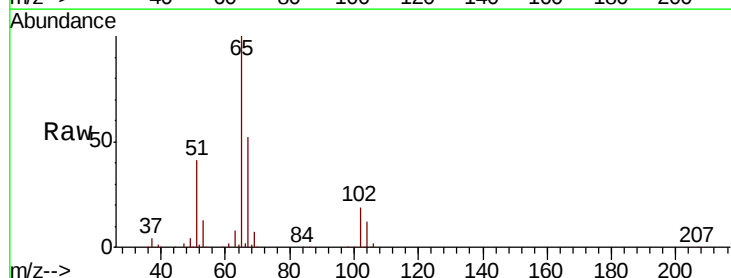
Instrument :
MSVOA_U
ClientSampleId :
PB114573ZHE#03

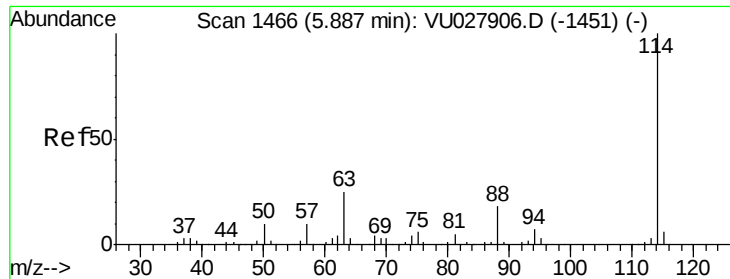
Tot Ion: 84 Resp: 12552
Ion Ratio Lower Upper
84 100
49 142.3 111.6 167.4
51 45.7 34.8 52.2
86 61.0 50.1 75.1



#33
1,2-Dichloroethane-d4
Concen: 55.423 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. -0.00 min
Lab File: VU027998.D
Acq: 07 Nov 2018 12:16

Tgt Ion: 65 Resp: 167706
Ion Ratio Lower Upper
65 100
67 54.0 0.0 109.0

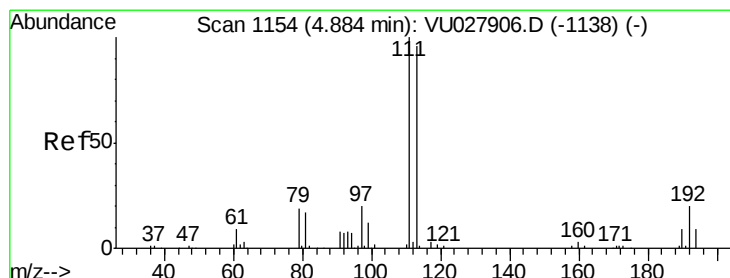
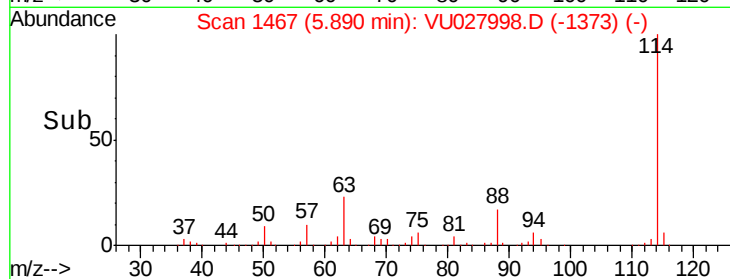
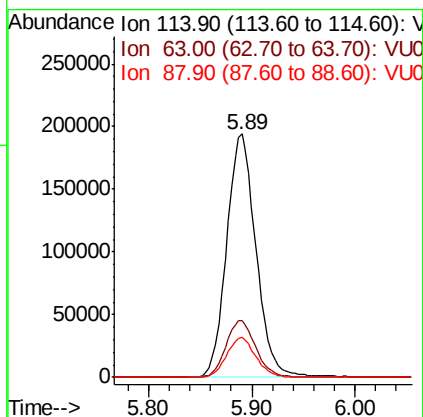
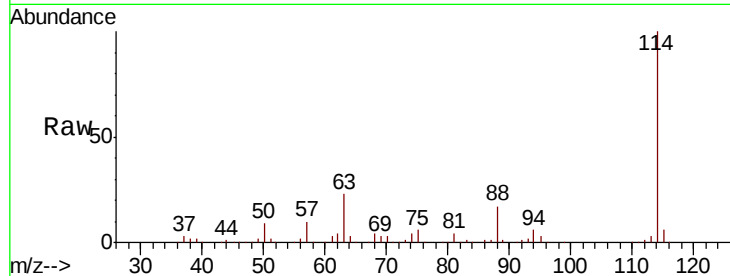




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027998.D
 Acq: 07 Nov 2018 12:16

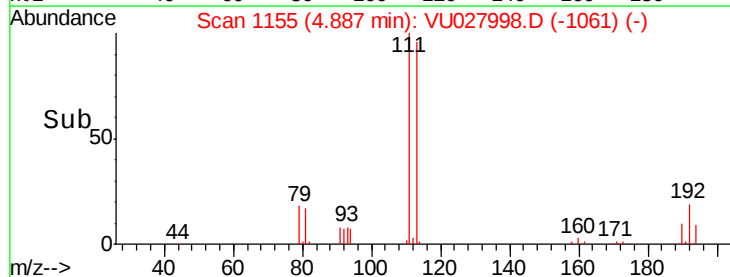
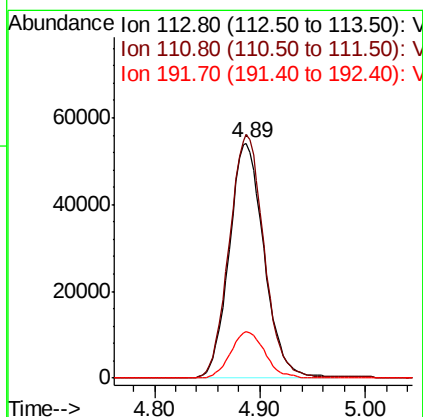
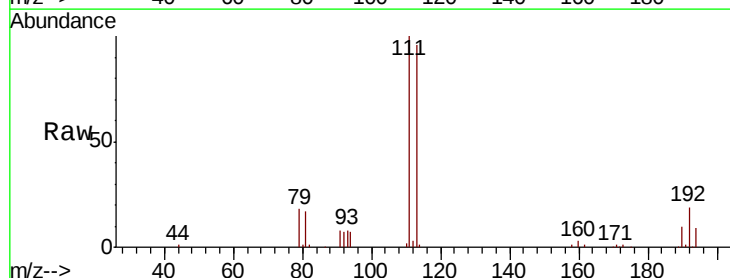
Instrument :
 MSVOA_U
 ClientSampleId :
 PB114573ZHE#03

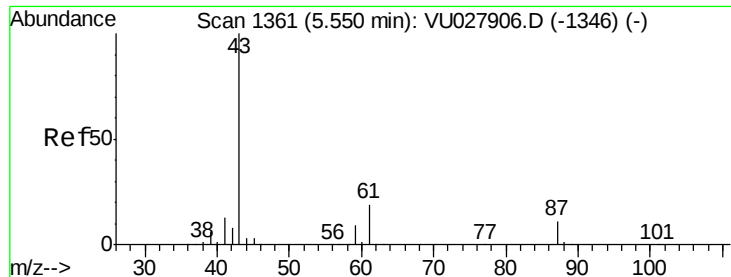
Tot Ion:114 Resp: 384157
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 50.8
 88 16.5 0.0 35.8



#35
 Dibromofluoromethane
 Concen: 51.150 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027998.D
 Acq: 07 Nov 2018 12:16

Tgt Ion:113 Resp: 123895
 Ion Ratio Lower Upper
 113 100
 111 103.6 83.0 124.6
 192 19.6 15.6 23.4





#43

Isopropyl Acetate

Concen: 26.356 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VU027998.D

Acq: 07 Nov 2018 12:16

Instrument :

MSVOA_U

ClientSampleId :

PB114573ZHE#03

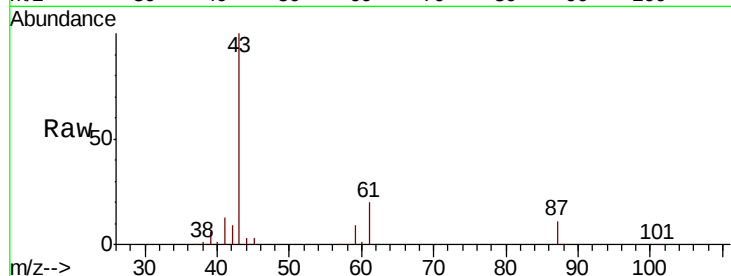
Tot Ion: 43 Resp: 243421

Ion Ratio Lower Upper

43 100

61 18.8 15.0 22.4

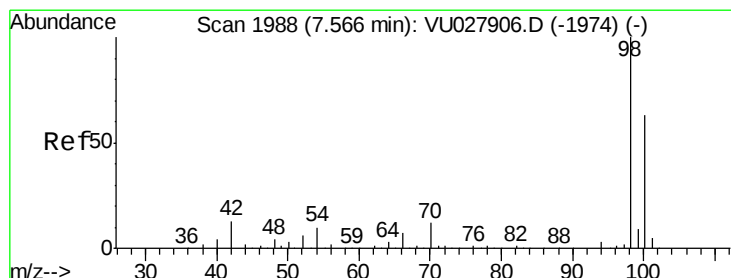
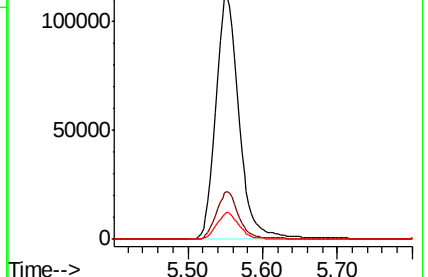
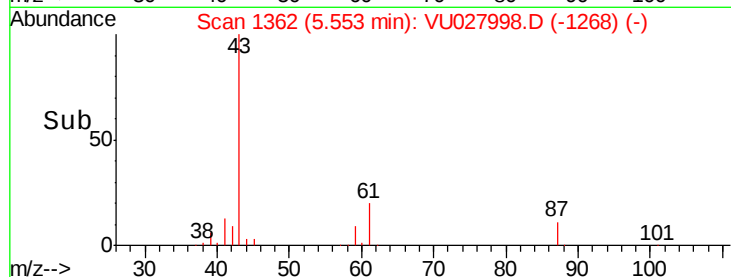
87 10.5 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VU027998.D (-1268) (-)

Ion 61.00 (60.70 to 61.70): VU027998.D (-1268) (-)

Ion 87.00 (86.70 to 87.70): VU027998.D (-1268) (-)



#50

Toluene-d8

Concen: 52.580 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU027998.D

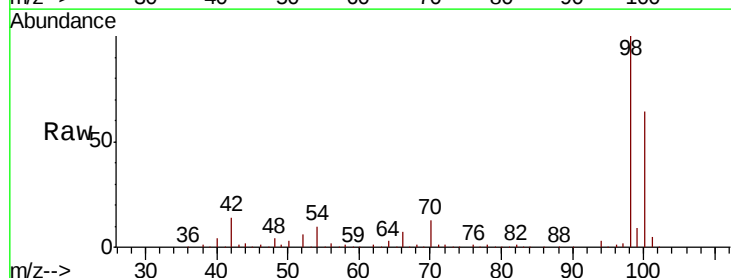
Acq: 07 Nov 2018 12:16

Tgt Ion: 98 Resp: 491972

Ion Ratio Lower Upper

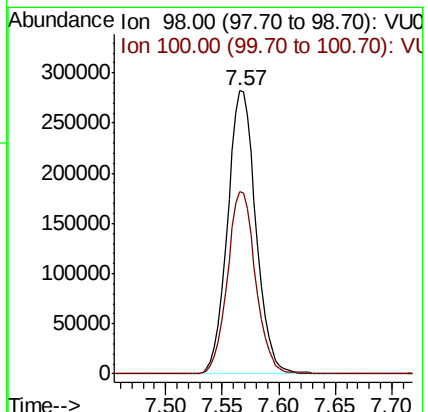
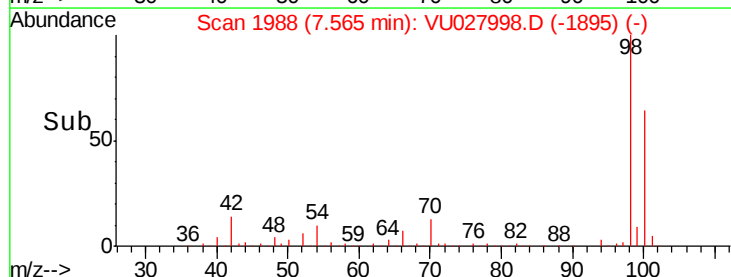
98 100

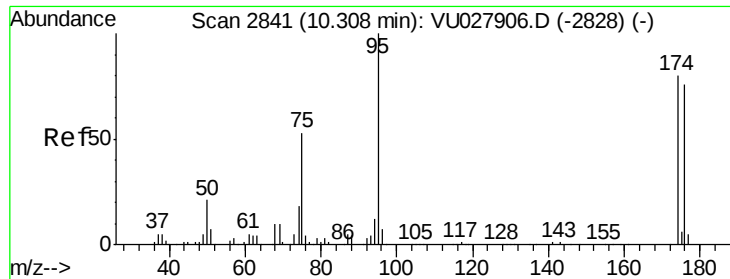
100 63.9 50.1 75.1



Abundance Ion 98.00 (97.70 to 98.70): VU027998.D (-1895) (-)

Ion 100.00 (99.70 to 100.70): VU027998.D (-1895) (-)





#62

4-Bromofluorobenzene

Concen: 46.508 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VU027998.D

Acq: 07 Nov 2018 12:16

Instrument :

MSVOA_U

ClientSampleId :

PB114573ZHE#03

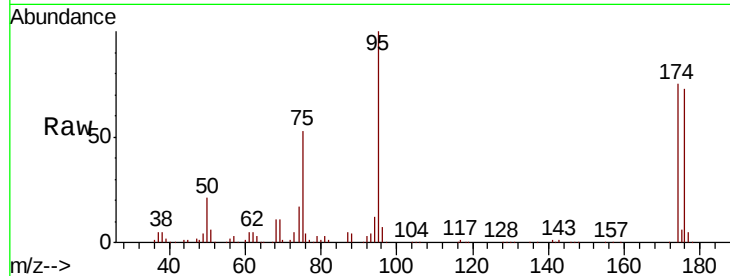
Tot Ion: 95 Resp: 160505

Ion Ratio Lower Upper

95 100

174 76.8 0.0 156.4

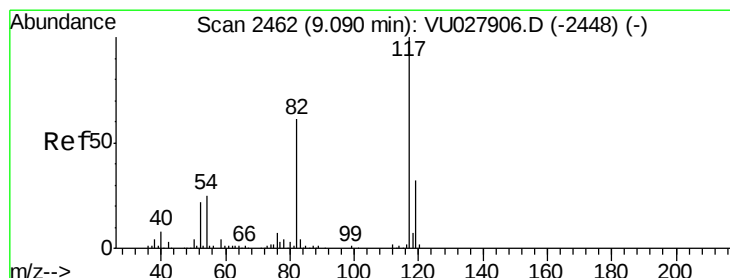
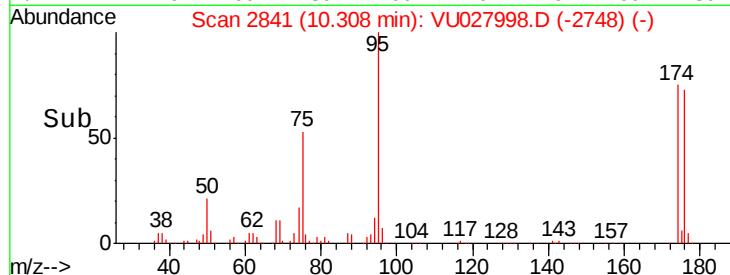
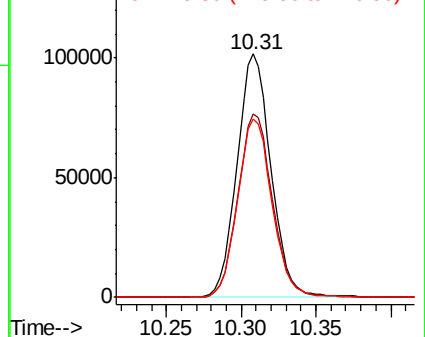
176 74.7 0.0 150.8



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# 2462

Delta R.T. -0.00 min

Lab File: VU027998.D

Acq: 07 Nov 2018 12:16

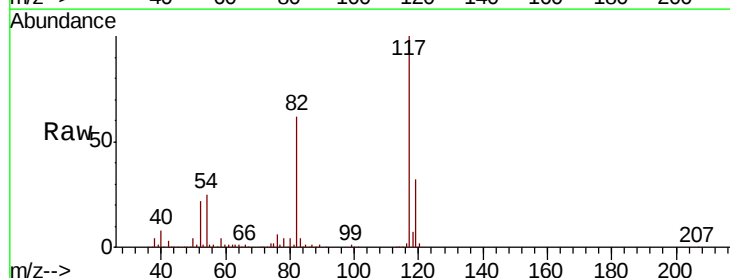
Tgt Ion: 117 Resp: 338135

Ion Ratio Lower Upper

117 100

82 62.4 48.6 73.0

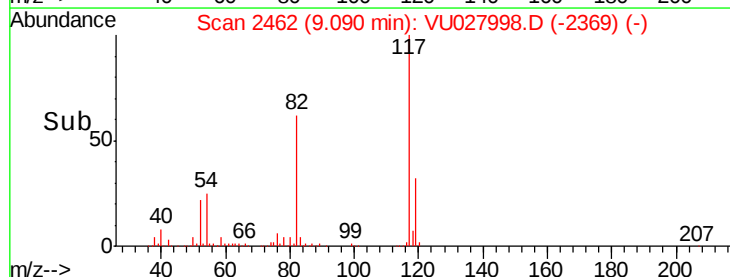
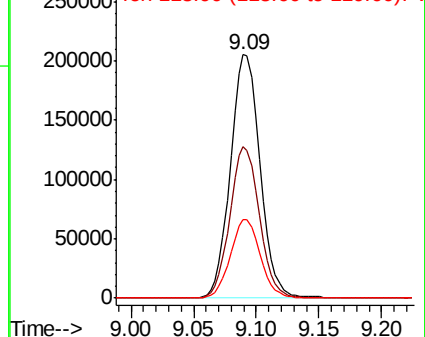
119 32.2 25.8 38.8

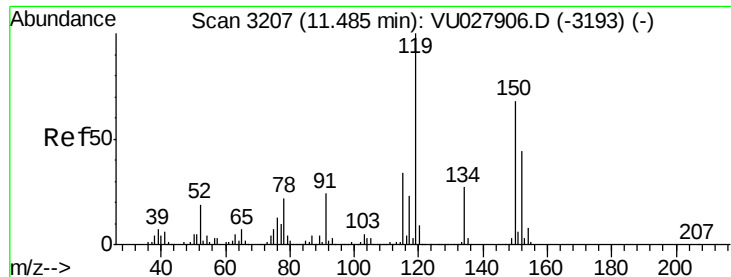


Abundance Ion 116.90 (116.60 to 117.60): V

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: VU027998.D

Acq: 07 Nov 2018 12:16

Instrument :

MSVOA_U

ClientSampleId :

PB114573ZHE#03

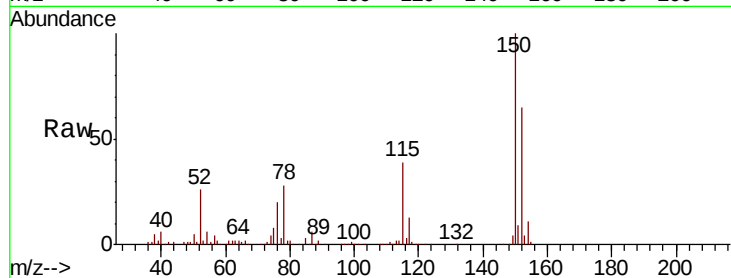
Tot Ion:152 Resp: 140033

Ion Ratio Lower Upper

152 100

115 60.9 43.0 129.0

150 156.9 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

