

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101018\
 Data File : VU027569.D
 Acq On : 10 Oct 2018 14:50
 Operator : MD/SY
 Sample : PB113684ZHE#13
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB113684ZHE#13

Quant Time: Oct 11 05:19:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 02:04:34 2018
 Response via : Initial Calibration

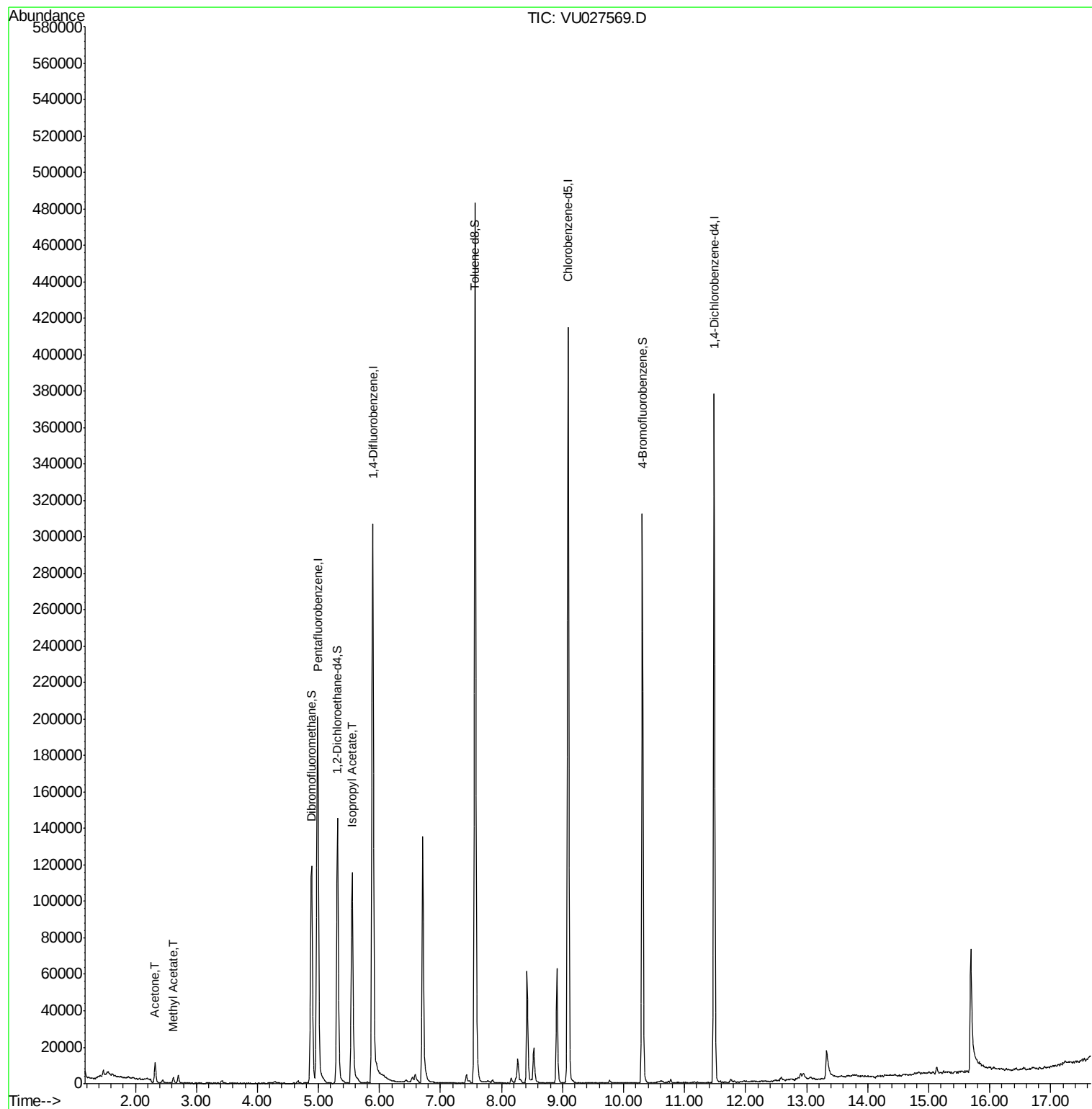
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	161764	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	260136	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	226704	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	94131	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	112852	41.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.56%	
35) Dibromofluoromethane	4.89	113	84543	47.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.84%	
50) Toluene-d8	7.57	98	323510	48.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.96%	
62) 4-Bromofluorobenzene	10.31	95	104835	42.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.56%	
Target Compounds						
16) Acetone	2.32	43	12074	7.566	ug/l	96
18) Methyl Acetate	2.62	43	3850	1.058	ug/l #	90
43) Isopropyl Acetate	5.55	43	143336	25.282	ug/l	98

(#) = 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: VU027569.D

Acq: 10 Oct 2018 14:50

Instrument :

MSVOA_U

ClientSampleId :

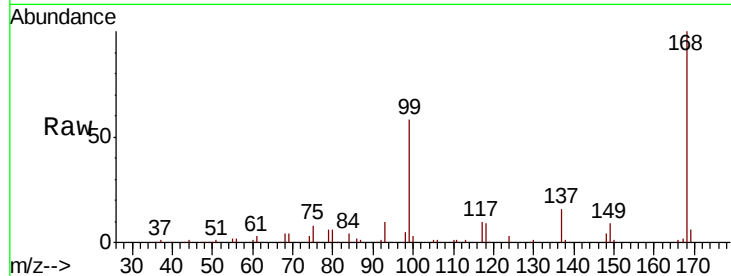
PB113684ZHE#13

Tot Ion:168 Resp: 161764

Ion Ratio Lower Upper

168 100

99 58.2 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): VU027314.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU027314.D (-1169) (-)

4.99

60000

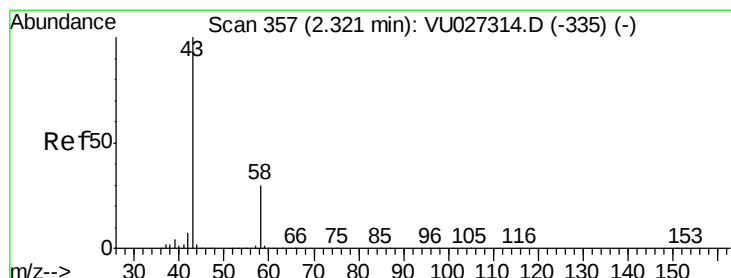
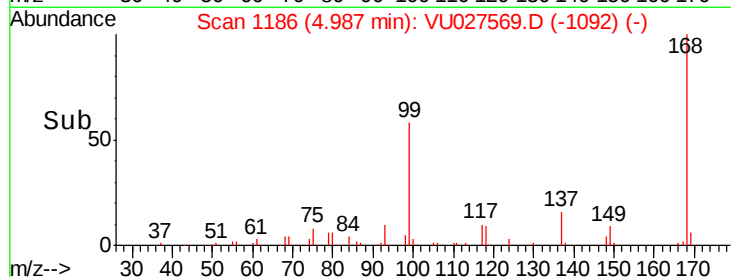
40000

20000

0

4.90 5.00 5.10 5.20

Time-->



#16

Acetone

Concen: 7.566 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027569.D

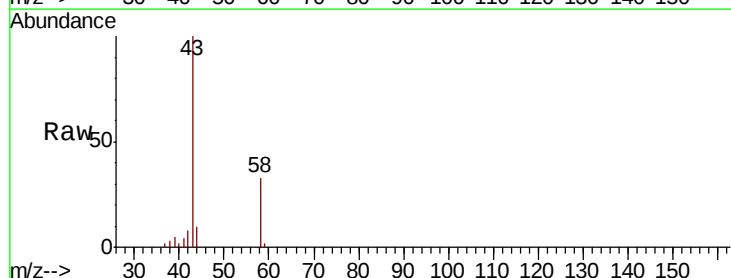
Acq: 10 Oct 2018 14:50

Tgt Ion: 43 Resp: 12074

Ion Ratio Lower Upper

43 100

58 32.5 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VU027314.D (-335) (-)

Ion 58.00 (57.70 to 58.70): VU027314.D (-335) (-)

2.32

8000

6000

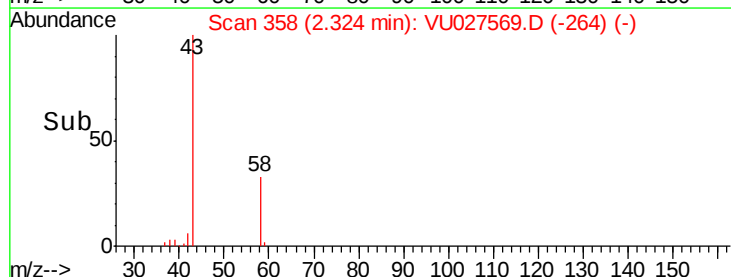
4000

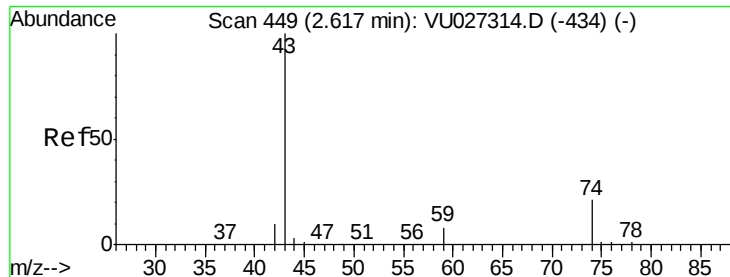
2000

0

2.25 2.30 2.35 2.40

Time-->

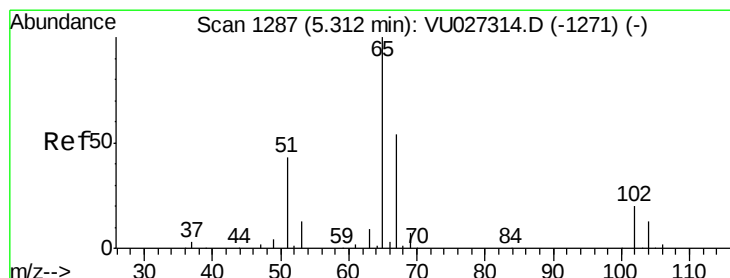
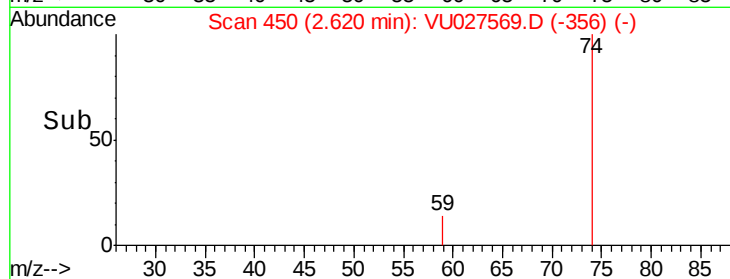
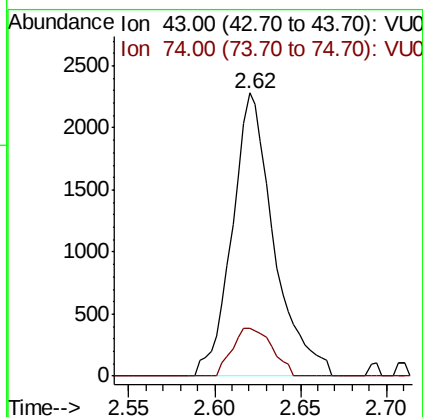
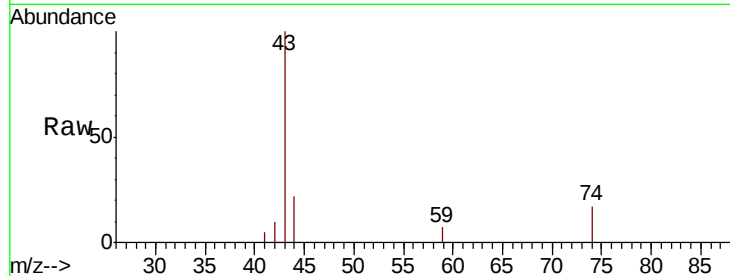




#18
Methvl Acetate
Concen: 1.058 ug/l
RT: 2.62 min Scan# 450
Delta R.T. 0.00 min
Lab File: VU027569.D
Acq: 10 Oct 2018 14:50

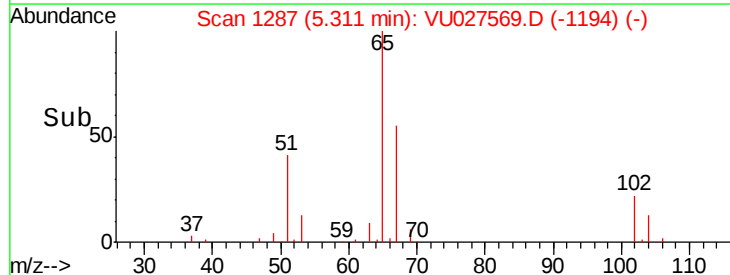
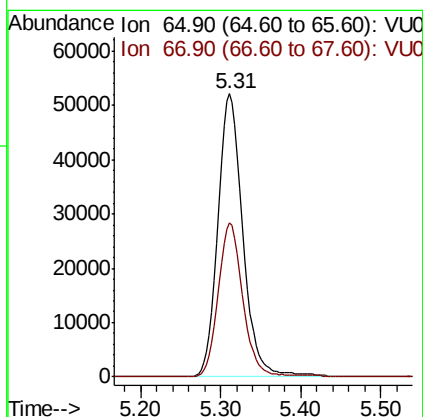
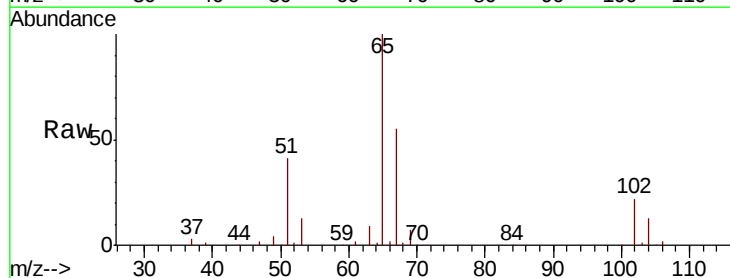
Instrument :
MSVOA_U
ClientSampleId :
PB113684ZHE#13

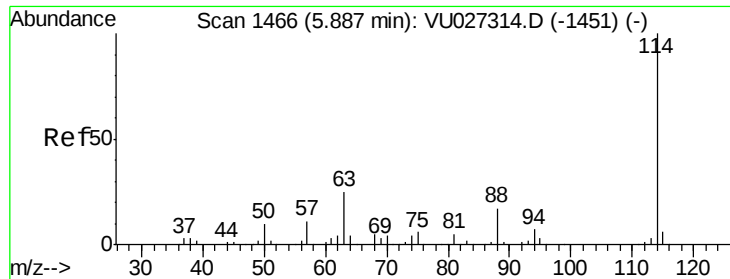
Tot Ion: 43 Resp: 3850
Ion Ratio Lower Upper
43 100
74 16.1 16.5 24.7#



#33
1,2-Dichloroethane-d4
Concen: 41.779 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU027569.D
Acq: 10 Oct 2018 14:50

Tgt Ion: 65 Resp: 112852
Ion Ratio Lower Upper
65 100
67 53.2 0.0 107.8

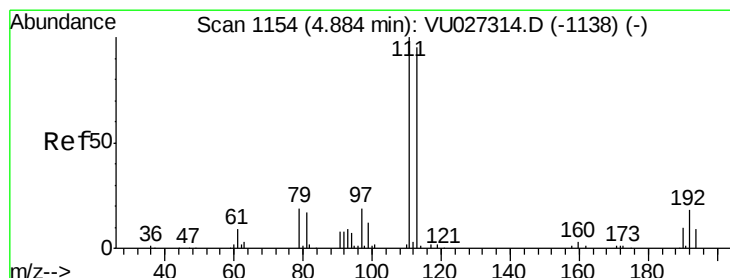
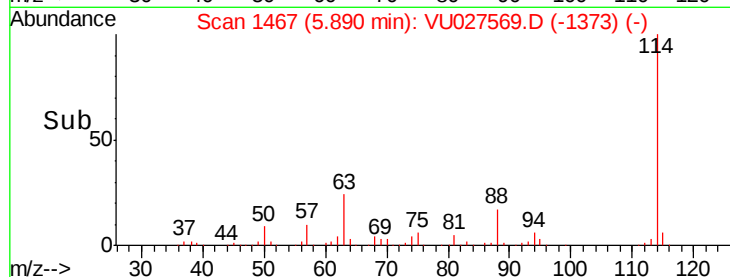
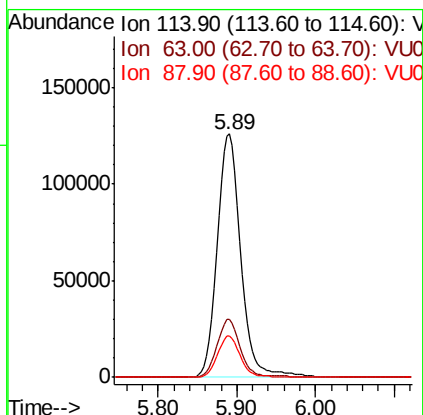
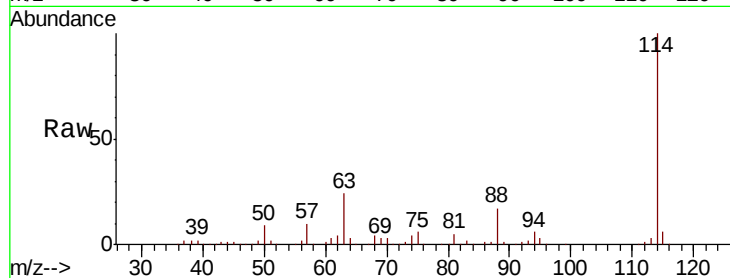




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027569.D
 Acq: 10 Oct 2018 14:50

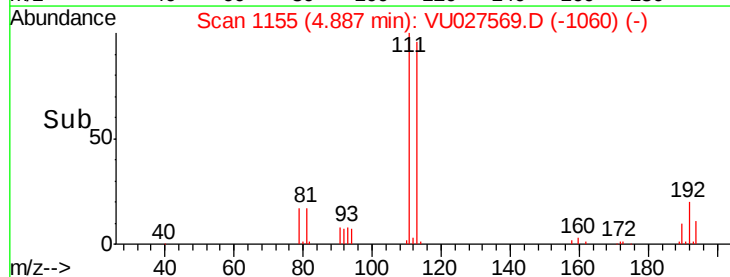
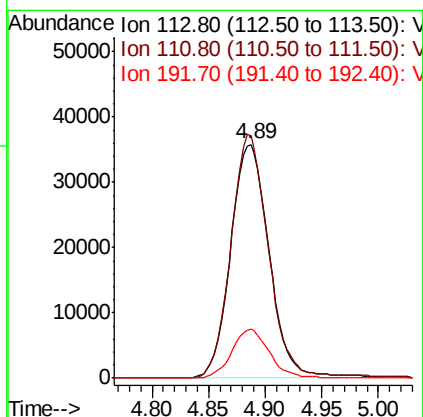
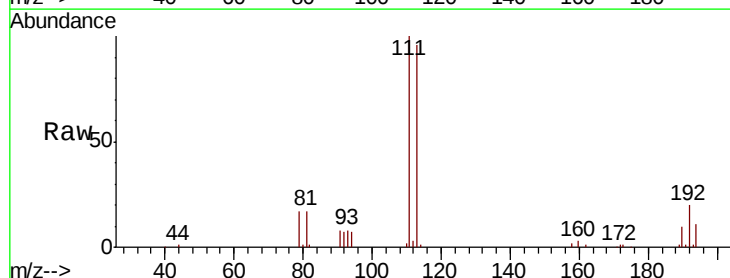
Instrument :
 MSVOA_U
 ClientSampleId :
 PB113684ZHE#13

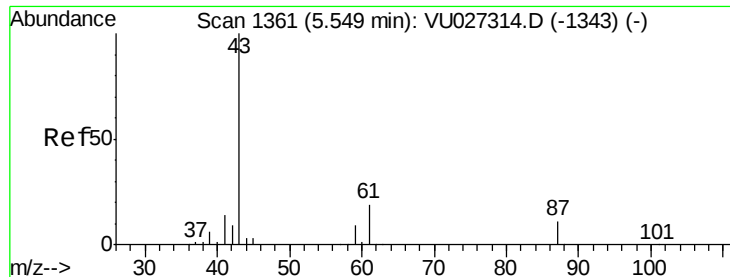
Tot Ion:114 Resp: 260136
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 50.2
 88 17.0 0.0 33.8



#35
 Dibromofluoromethane
 Concen: 47.422 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027569.D
 Acq: 10 Oct 2018 14:50

Tgt Ion:113 Resp: 84543
 Ion Ratio Lower Upper
 113 100
 111 101.4 83.1 124.7
 192 20.2 15.4 23.0





#43

Isopropyl Acetate

Concen: 25.282 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VU027569.D

Acq: 10 Oct 2018 14:50

Instrument :

MSVOA_U

ClientSampleId :

PB113684ZHE#13

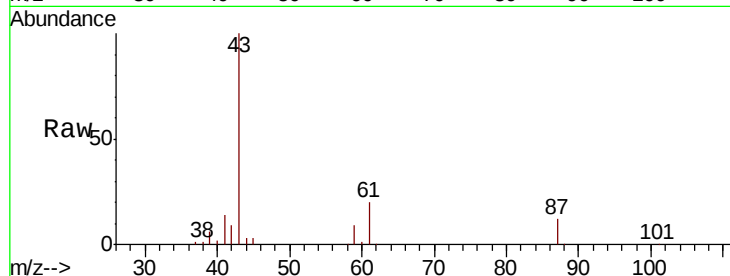
Tot Ion: 43 Resp: 143336

Ion Ratio Lower Upper

43 100

61 19.8 15.3 22.9

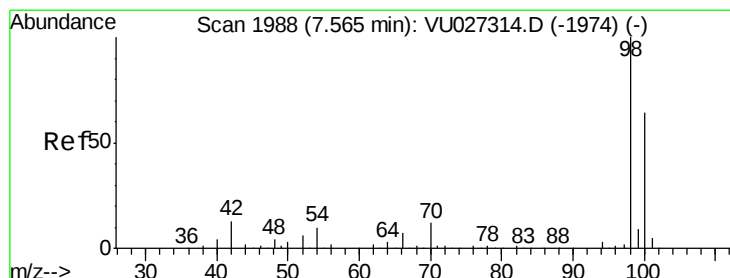
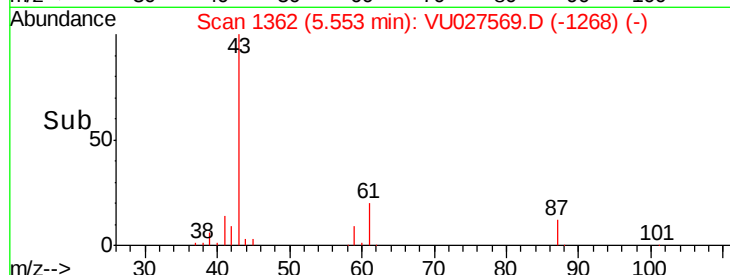
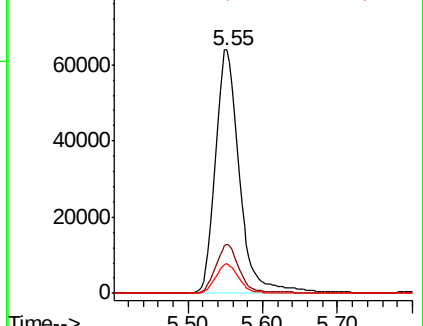
87 11.7 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VU027314.D (-1343) (-)

Ion 61.00 (60.70 to 61.70): VU027314.D (-1343) (-)

Ion 87.00 (86.70 to 87.70): VU027314.D (-1343) (-)



#50

Toluene-d8

Concen: 48.485 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VU027569.D

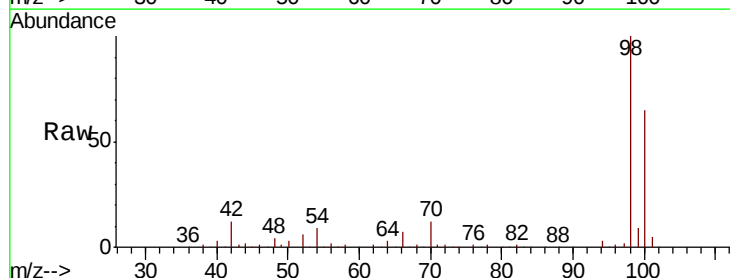
Acq: 10 Oct 2018 14:50

Tgt Ion: 98 Resp: 323510

Ion Ratio Lower Upper

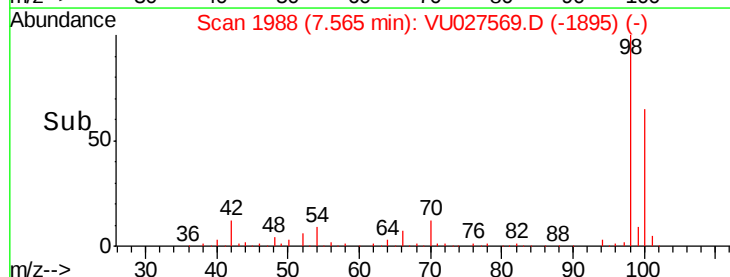
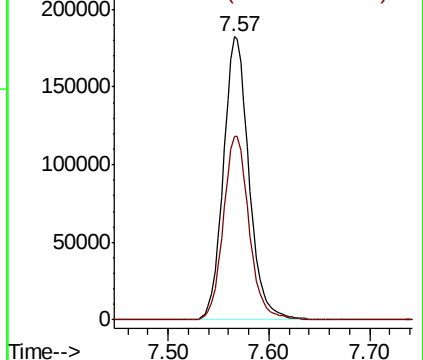
98 100

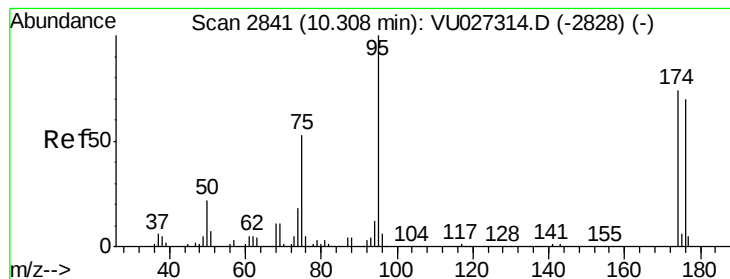
100 65.4 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU027314.D (-1974) (-)

Ion 100.00 (99.70 to 100.70): VU027314.D (-1974) (-)





#62

4-Bromofluorobenzene

Concen: 42.277 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027569.D

Acq: 10 Oct 2018 14:50

Instrument :

MSVOA_U

ClientSampleId :

PB113684ZHE#13

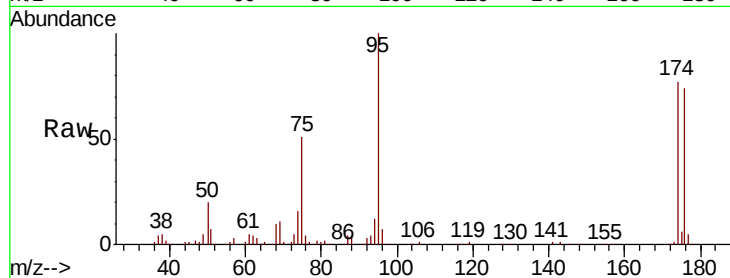
Tot Ion: 95 Resp: 104835

Ion Ratio Lower Upper

95 100

174 77.5 0.0 147.8

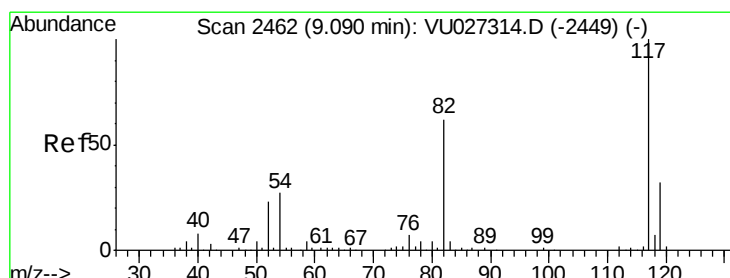
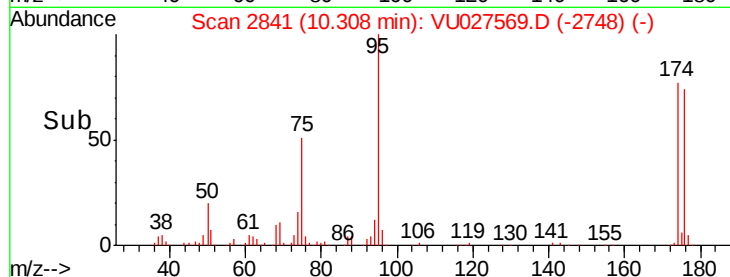
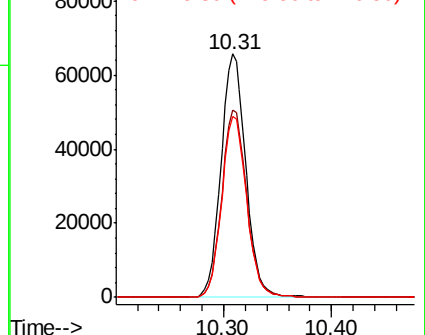
176 74.8 0.0 140.8



Abundance Ion 94.90 (94.60 to 95.60): VU027569.D (-2748) (-)

Ion 173.80 (173.50 to 174.50): VU027569.D (-2748) (-)

Ion 175.80 (175.50 to 176.50): VU027569.D (-2748) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. -0.00 min

Lab File: VU027569.D

Acq: 10 Oct 2018 14:50

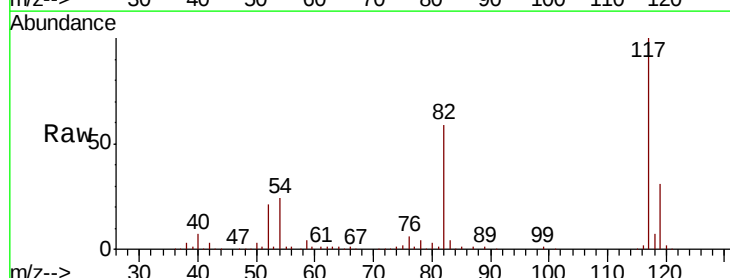
Tgt Ion: 117 Resp: 226704

Ion Ratio Lower Upper

117 100

82 58.6 49.2 73.8

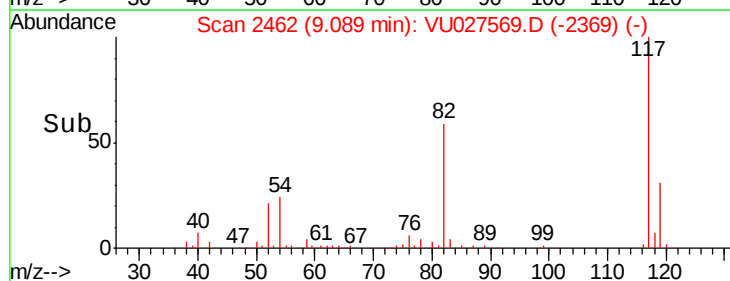
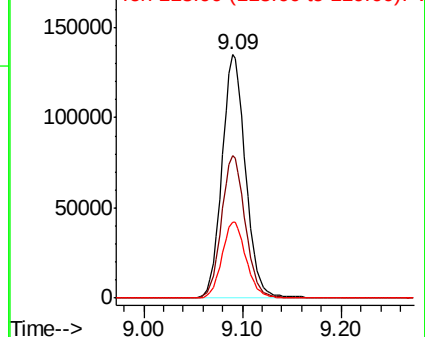
119 31.3 25.7 38.5

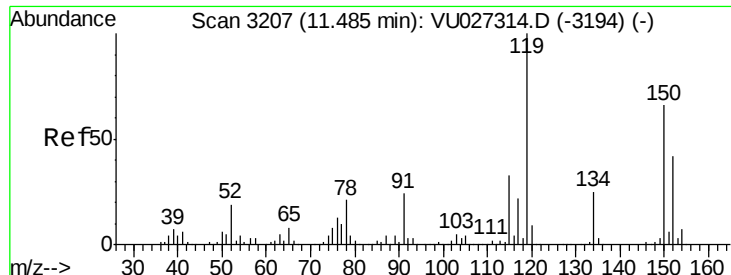


Abundance Ion 116.90 (116.60 to 117.60): VU027569.D (-2369) (-)

Ion 82.00 (81.70 to 82.70): VU027569.D (-2369) (-)

Ion 118.90 (118.60 to 119.60): VU027569.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: VU027569.D

Acq: 10 Oct 2018 14:50

Instrument :

MSVOA_U

ClientSampleId :

PB113684ZHE#13

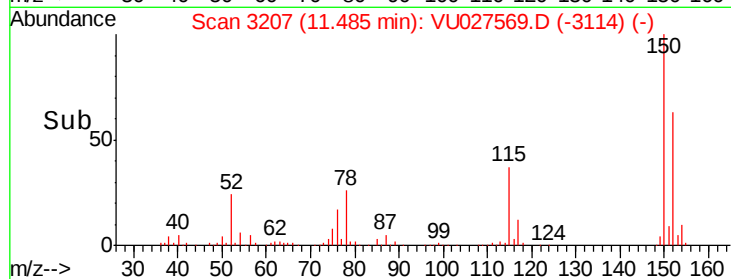
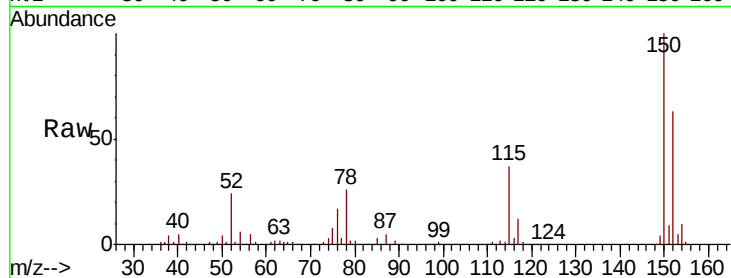
Tot Ion:152 Resp: 94131

Ion Ratio Lower Upper

152 100

115 59.1 43.4 130.2

150 159.8 0.0 349.2



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

