

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110518\
 Data File : VU027955.D
 Acq On : 05 Nov 2018 14:22
 Operator : MD/SY
 Sample : PB114473ZHE#10
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB114473ZHE#10

Quant Time: Nov 06 04:16:24 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

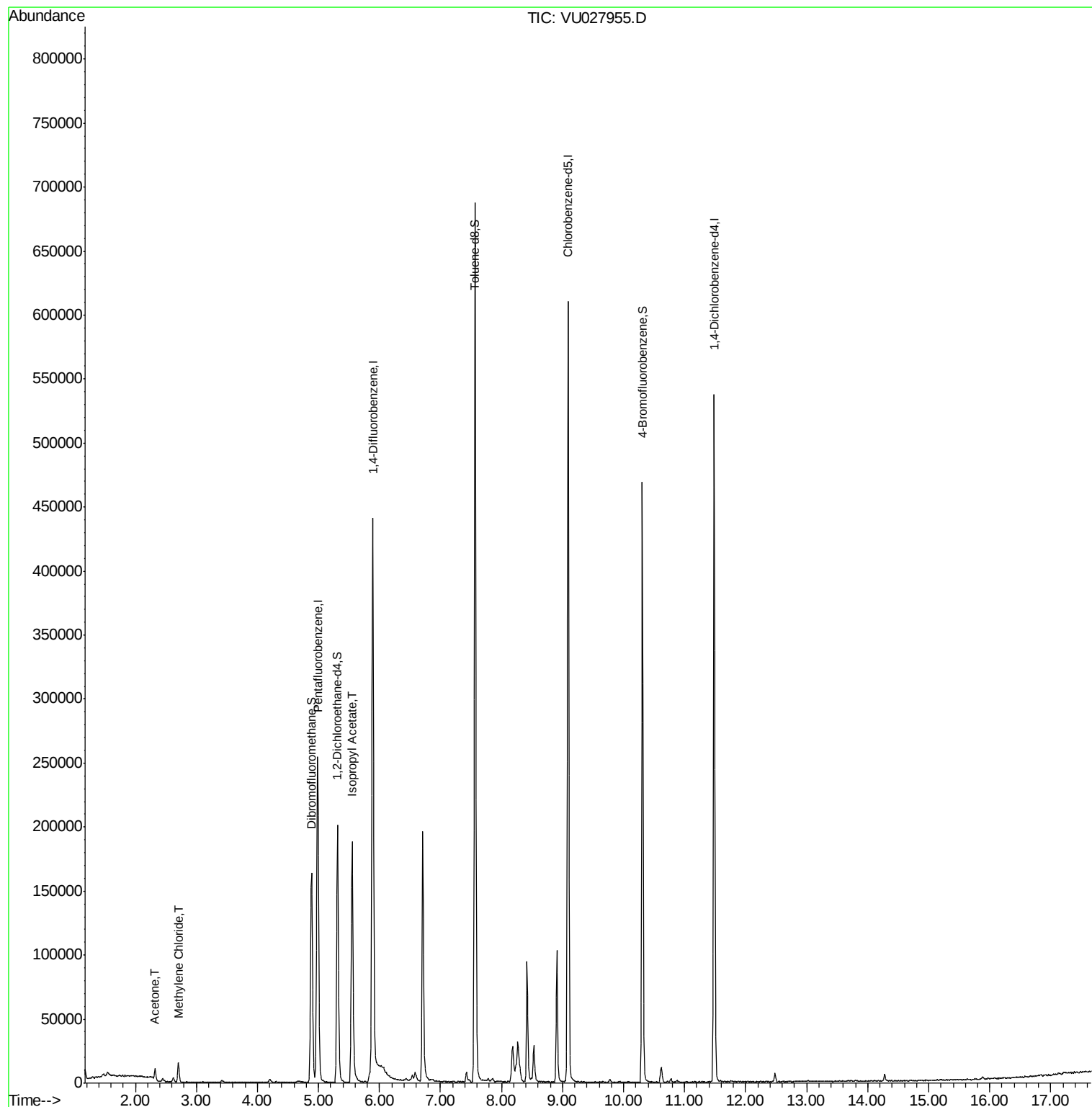
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	191779	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	349215	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	317317	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	135840	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	154665	54.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.48%	
35) Dibromofluoromethane	4.89	113	114249	51.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.78%	
50) Toluene-d8	7.57	98	449304	52.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.64%	
62) 4-Bromofluorobenzene	10.31	95	150852	48.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.16%	
Target Compounds						
16) Acetone	2.32	43	8648	4.889	ug/l	96
20) Methylene Chloride	2.71	84	6525	2.526	ug/l	94
43) Isopropyl Acetate	5.55	43	229743	27.364	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: VU027955.D

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Instrument :

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ClientSampleId :

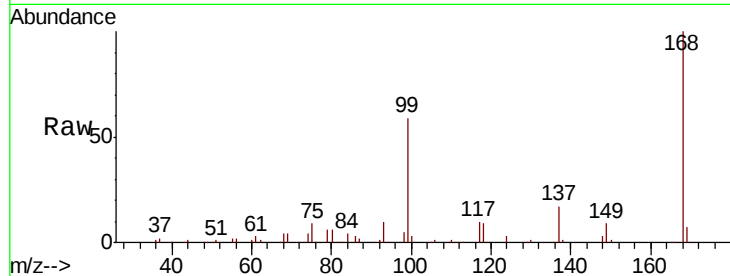
PB114473ZHE#10

Tot Ion:168 Resp: 191779

Ion Ratio Lower Upper

168 100

99 58.9 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

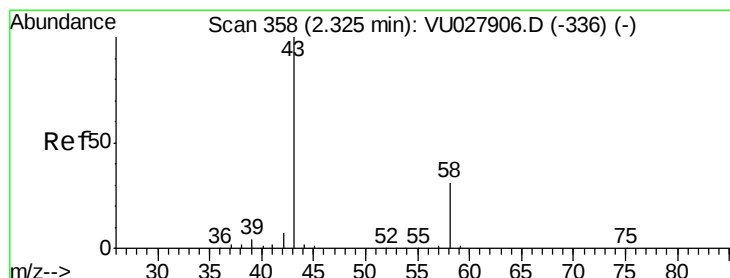
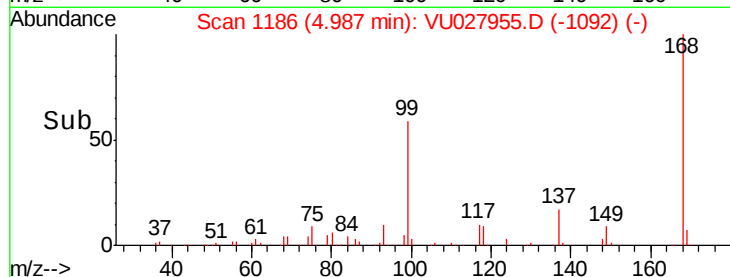
40000

20000

0

Time-->

4.90 5.00 5.10



#16

Acetone

Concen: 4.889 ug/l

RT: 2.32 min Scan# 358

Delta R.T. -0.00 min

Lab File: VU027955.D

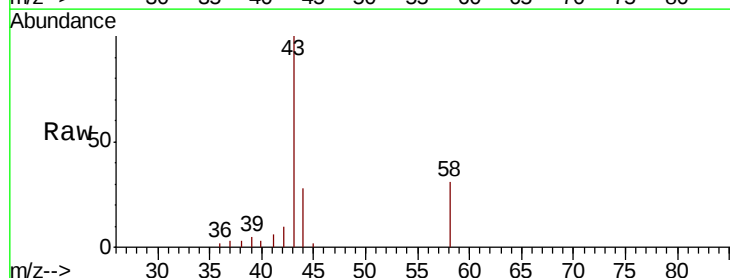
Acq: 05 Nov 2018 14:22

Tgt Ion: 43 Resp: 8648

Ion Ratio Lower Upper

43 100

58 33.0 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

6000

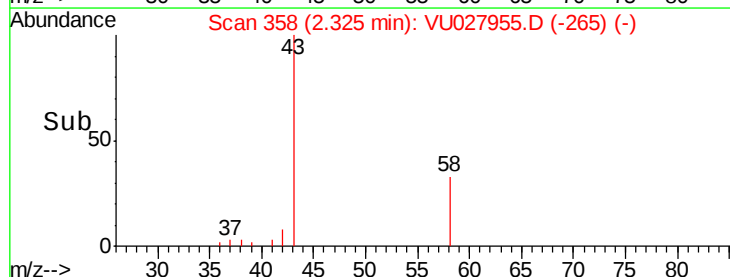
4000

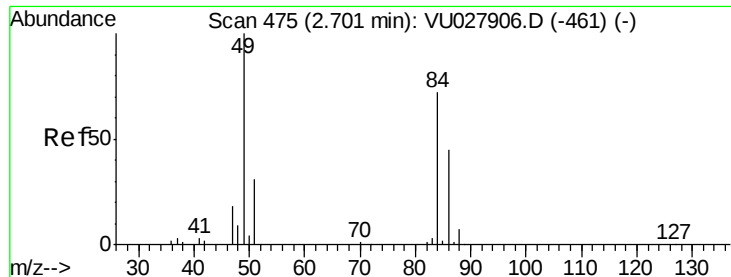
2000

0

Time-->

2.30 2.35

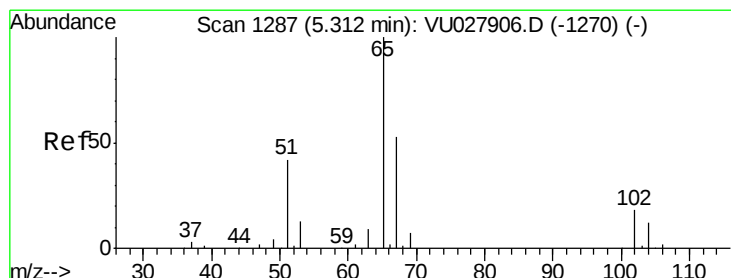
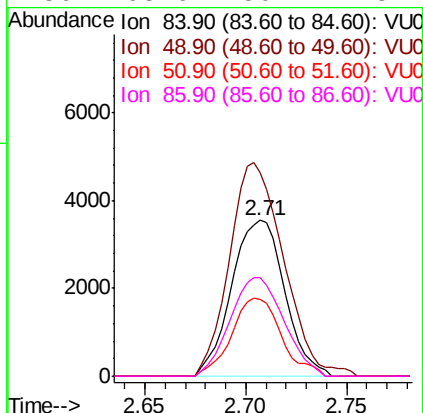
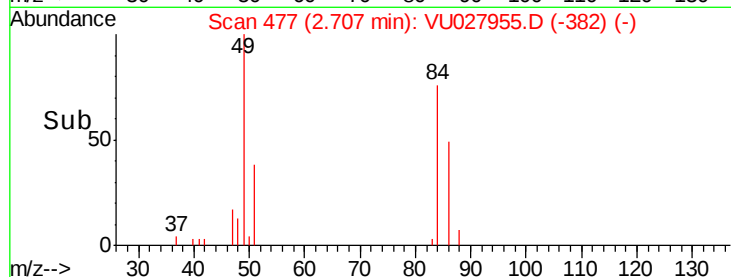
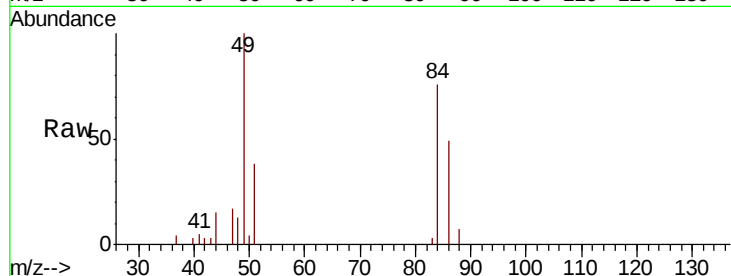




#20
Methvlene Chloride
Concen: 2.526 ug/l
RT: 2.71 min Scan# 477
Delta R.T. 0.01 min
Lab File: VU027955.D
Acq: 05 Nov 2018 14:22

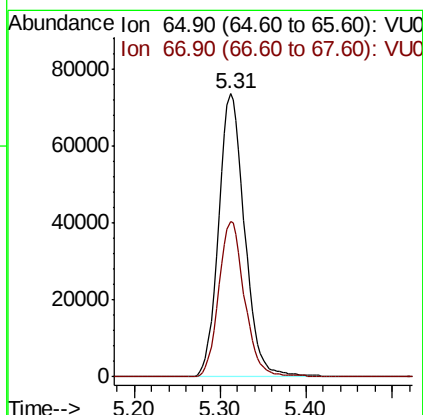
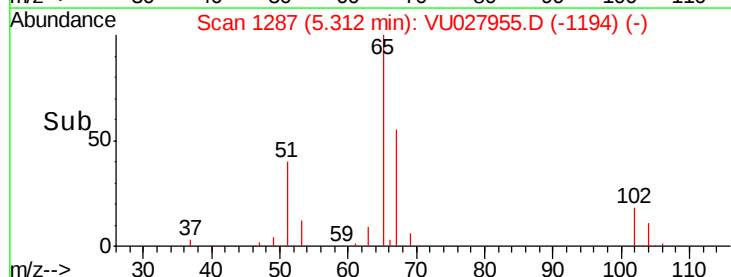
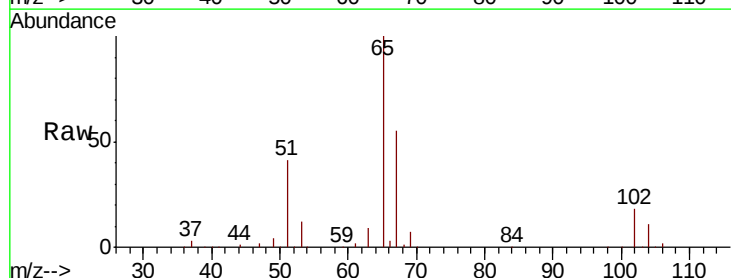
Instrument :
MSVOA_U
ClientSampleId :
PB114473ZHE#10

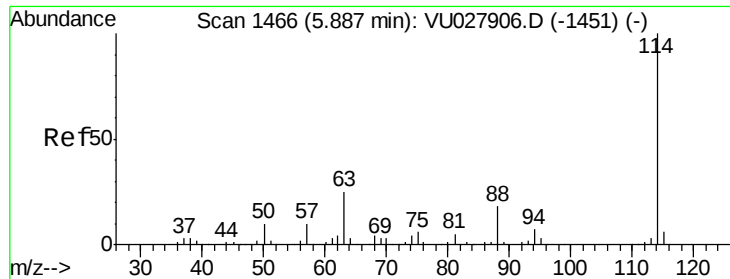
Tot Ion: 84 Resp: 6525
Ion Ratio Lower Upper
84 100
49 130.7 111.6 167.4
51 49.6 34.8 52.2
86 63.6 50.1 75.1



#33
1,2-Dichloroethane-d4
Concen: 54.244 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. -0.00 min
Lab File: VU027955.D
Acq: 05 Nov 2018 14:22

Tgt Ion: 65 Resp: 154665
Ion Ratio Lower Upper
65 100
67 54.5 0.0 109.0

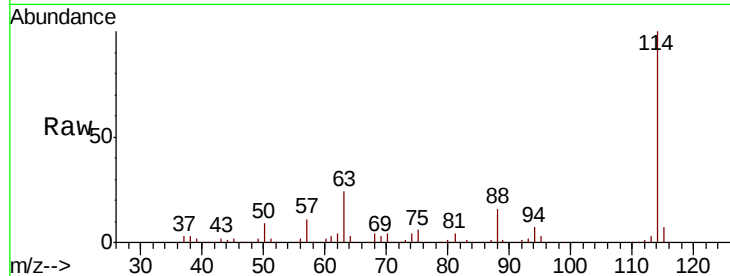




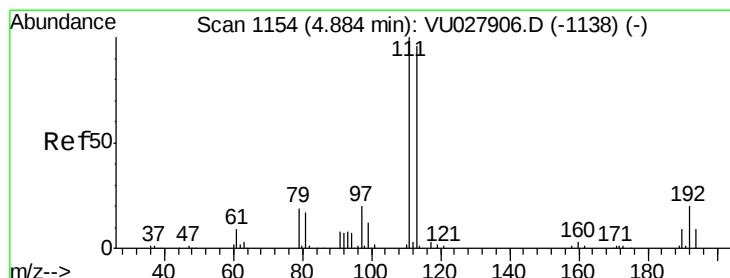
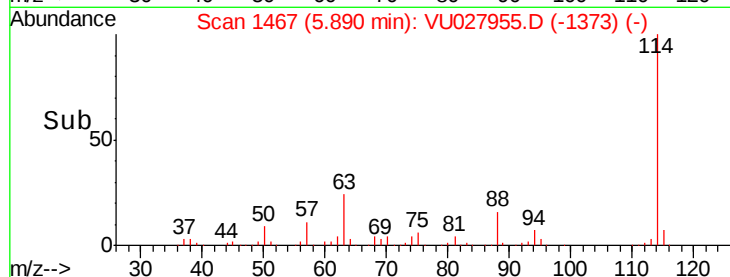
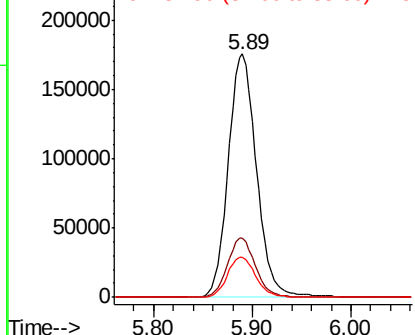
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.89 min Scan# 1467
Delta R.T. 0.00 min
Lab File: VU027955.D
Acq: 05 Nov 2018 14:22

Instrument :
MSVOA_U
ClientSampleId :
PB114473ZHE#10

Tot Ion:114 Resp: 349215
Ion Ratio Lower Upper
114 100
63 24.4 0.0 50.8
88 16.5 0.0 35.8

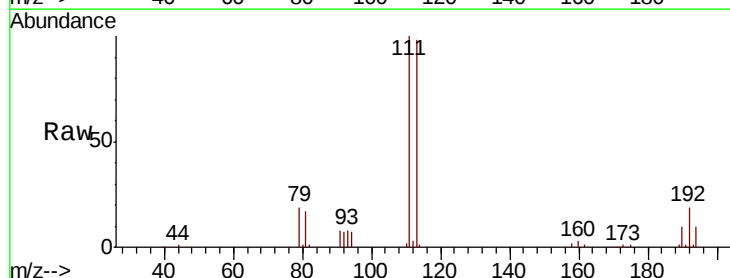


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VU0
Ion 87.90 (87.60 to 88.60): VU0

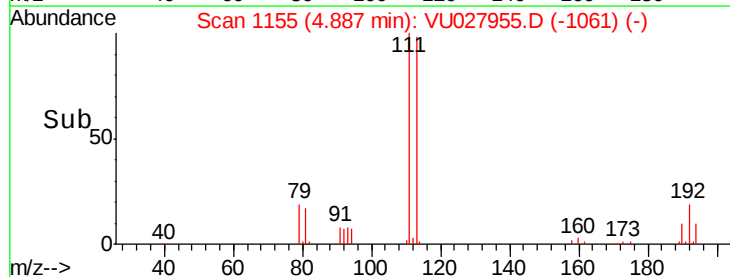
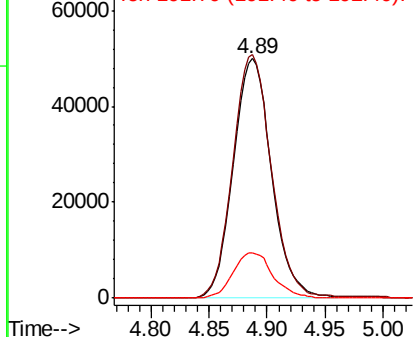


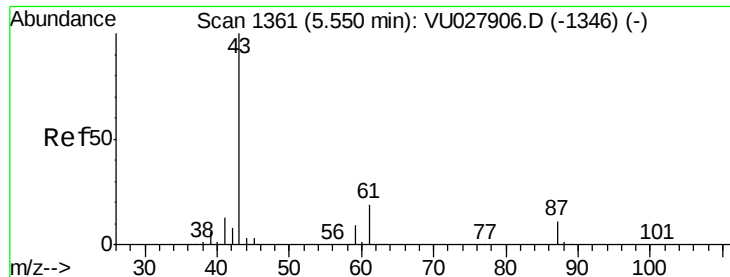
#35
Dibromofluoromethane
Concen: 51.888 ug/l
RT: 4.89 min Scan# 1155
Delta R.T. 0.00 min
Lab File: VU027955.D
Acq: 05 Nov 2018 14:22

Tgt Ion:113 Resp: 114249
Ion Ratio Lower Upper
113 100
111 102.4 83.0 124.6
192 19.8 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: 27.364 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VU027955.D

Acq: 05 Nov 2018 14:22

Instrument :

MSVOA_U

ClientSampleId :

PB114473ZHE#10

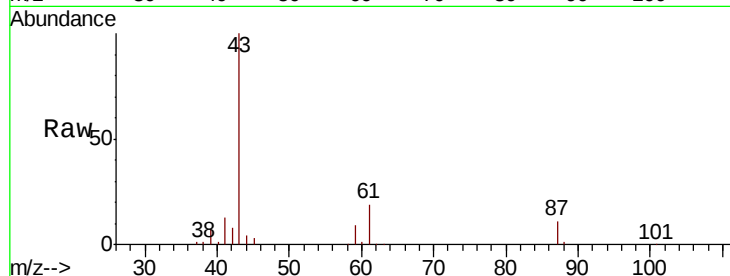
Tot Ion: 43 Resp: 229743

Ion Ratio Lower Upper

43 100

61 18.5 15.0 22.4

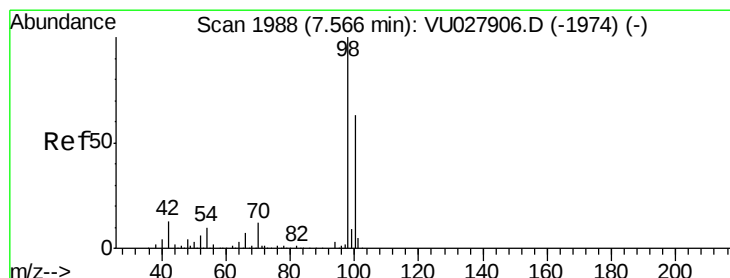
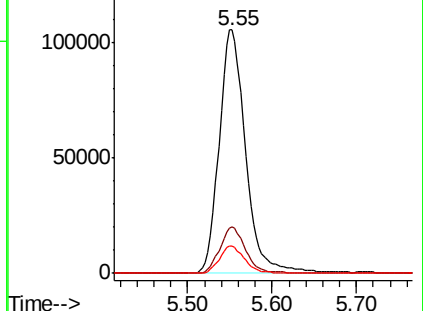
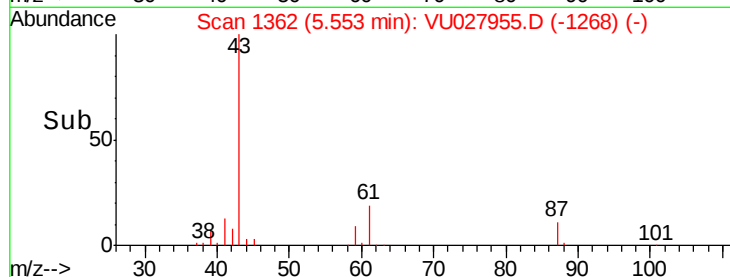
87 10.8 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 87.00 (86.70 to 87.70): VU0



#50

Toluene-d8

Concen: 52.825 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VU027955.D

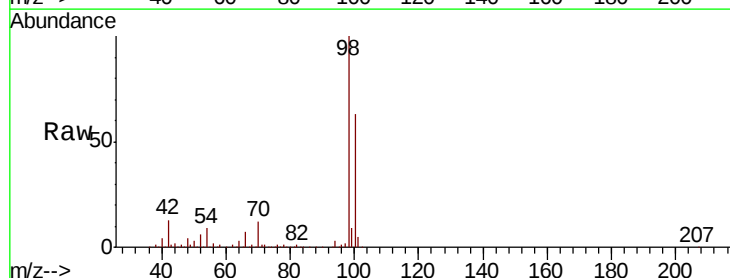
Acq: 05 Nov 2018 14:22

Tgt Ion: 98 Resp: 449304

Ion Ratio Lower Upper

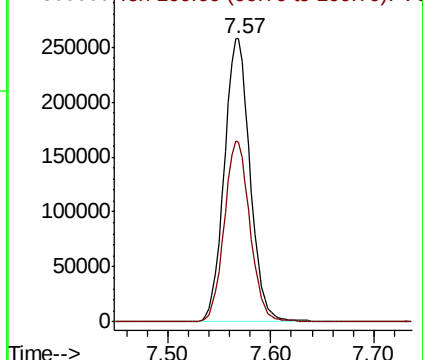
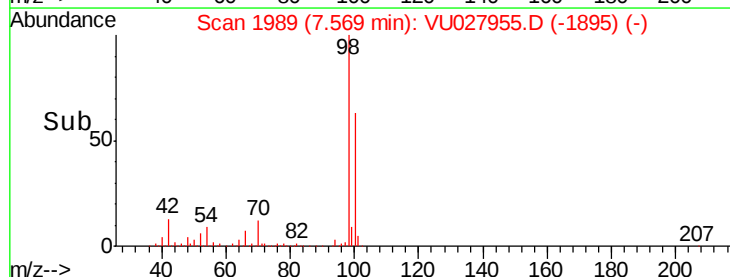
98 100

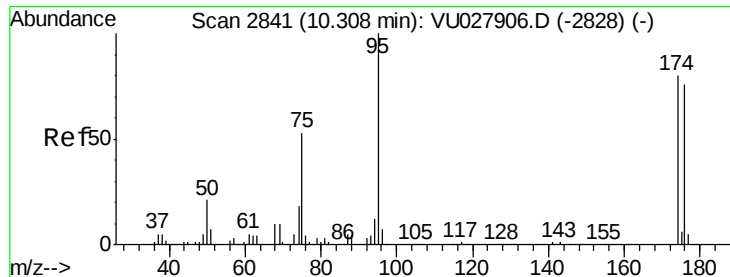
100 63.6 50.1 75.1



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#62

4-Bromofluorobenzene

Concen: 48.084 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VU027955.D

Acq: 05 Nov 2018 14:22

Instrument :

MSVOA_U

ClientSampleId :

PB114473ZHE#10

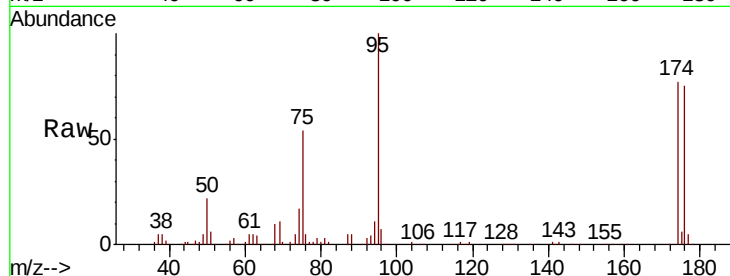
Tot Ion: 95 Resp: 150852

Ion Ratio Lower Upper

95 100

174 77.1 0.0 156.4

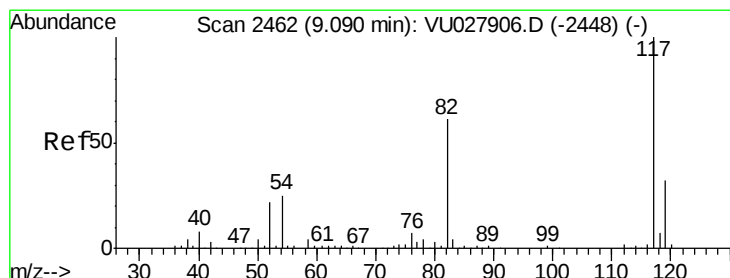
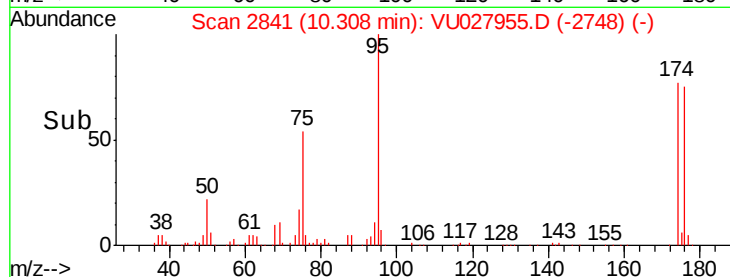
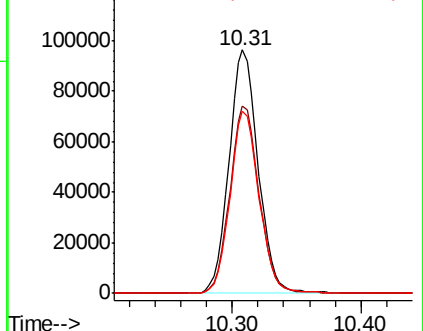
176 74.7 0.0 150.8



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: VU027955.D

Acq: 05 Nov 2018 14:22

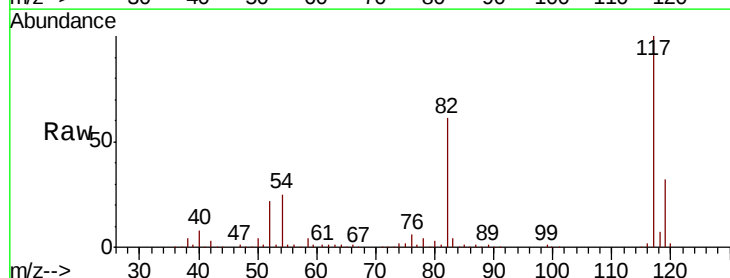
Tgt Ion: 117 Resp: 317317

Ion Ratio Lower Upper

117 100

82 61.0 48.6 73.0

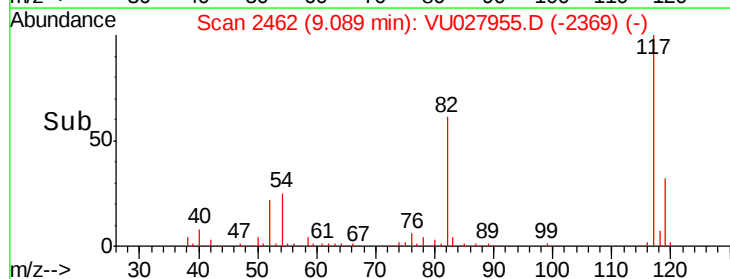
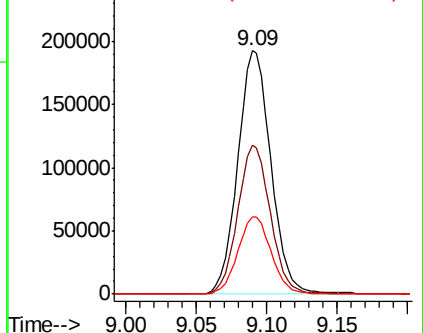
119 31.7 25.8 38.8

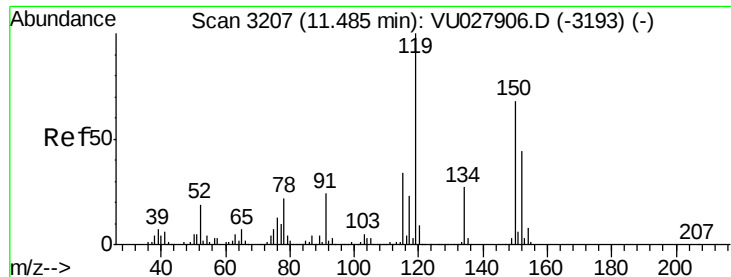


Abundance Ion 116.90 (116.60 to 117.60): V

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: VU027955.D

Acq: 05 Nov 2018 14:22

Instrument :

MSVOA_U

ClientSampleId :

PB114473ZHE#10

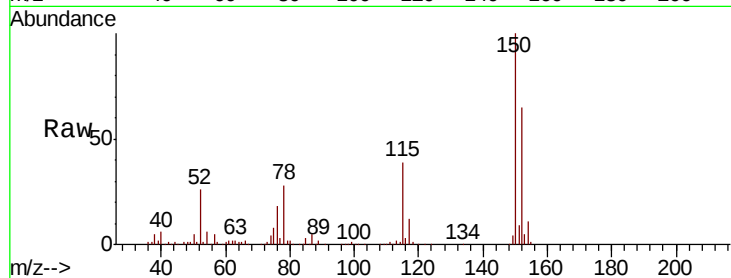
Tot Ion:152 Resp: 135840

Ion Ratio Lower Upper

152 100

115 59.7 43.0 129.0

150 153.8 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

