

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110518\
 Data File : VU027945.D
 Acq On : 05 Nov 2018 10:30
 Operator : MD/SY
 Sample : PB114473TB
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB114473TB

Quant Time: Nov 06 04:00:37 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

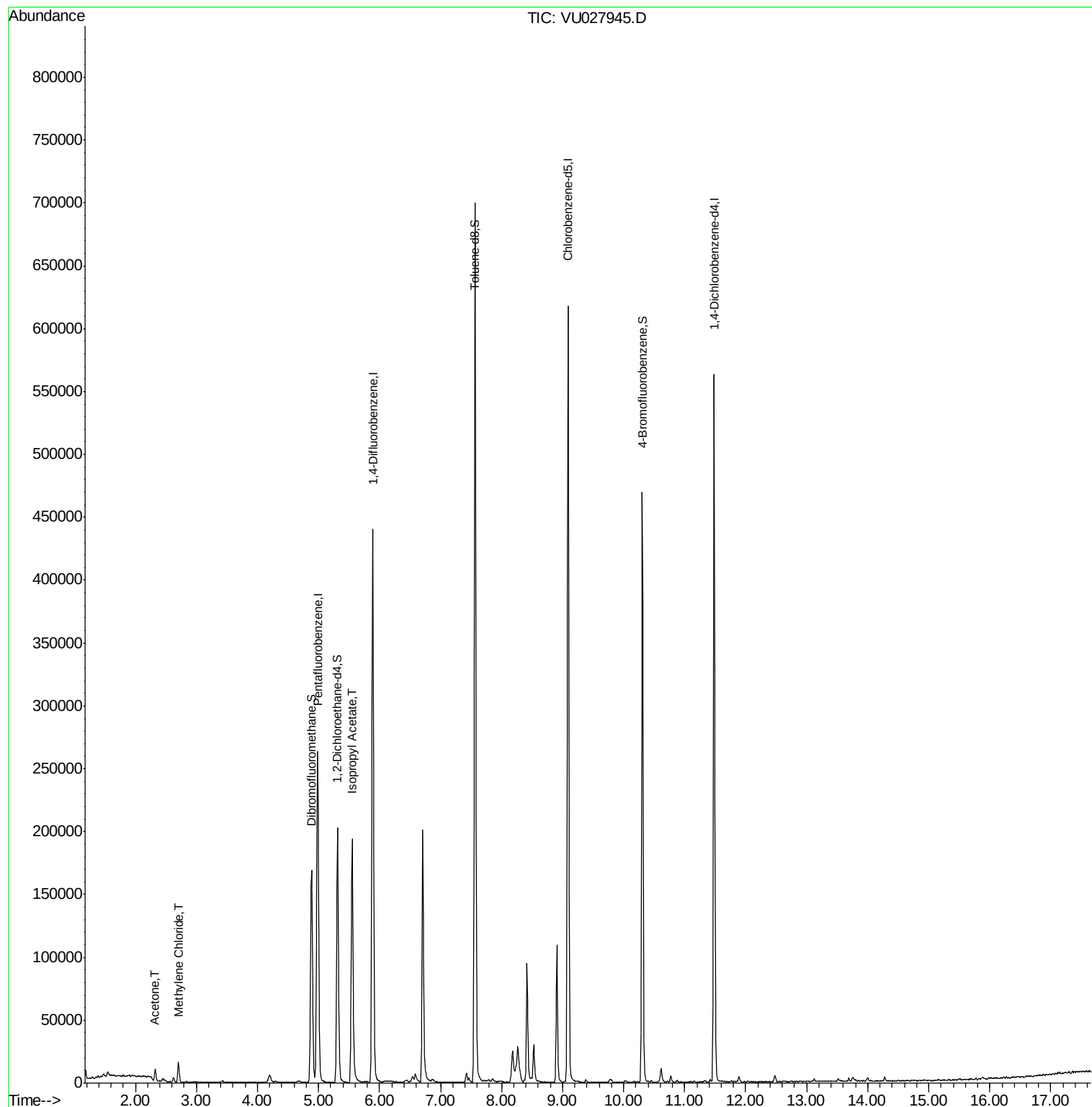
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	199041	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	354170	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	318301	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	136967	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	157406	53.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.38%	
35) Dibromofluoromethane	4.89	113	118823	53.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.42%	
50) Toluene-d8	7.57	98	455947	52.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.72%	
62) 4-Bromofluorobenzene	10.31	95	153004	48.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.18%	
Target Compounds						
16) Acetone	2.32	43	9681	5.273	ug/l	98
20) Methylene Chloride	2.71	84	6788	2.532	ug/l	96
43) Isopropyl Acetate	5.55	43	238729	28.036	ug/l	98

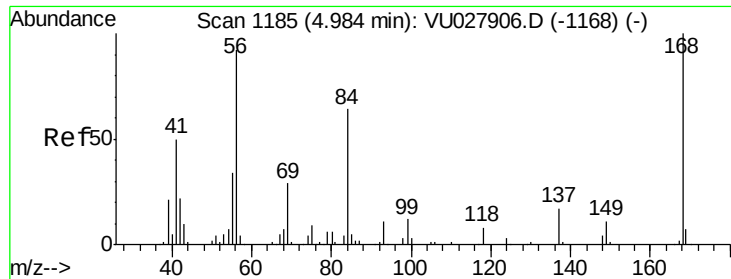
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027945.D

Acq: 05 Nov 2018 10:30

Instrument :

MSVOA_U

ClientSampleId :

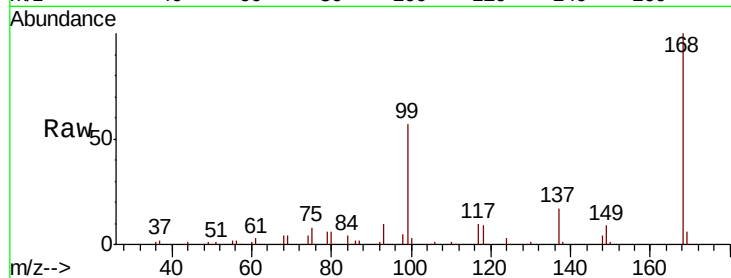
PB114473TB

Tot Ion:168 Resp: 199041

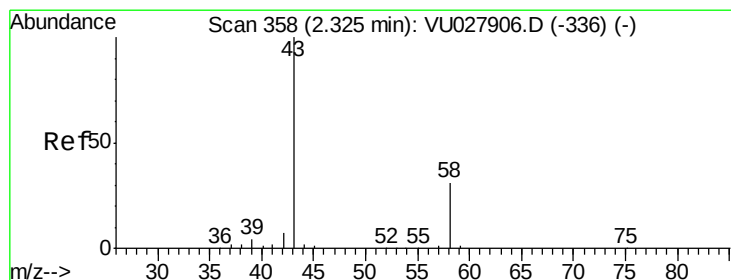
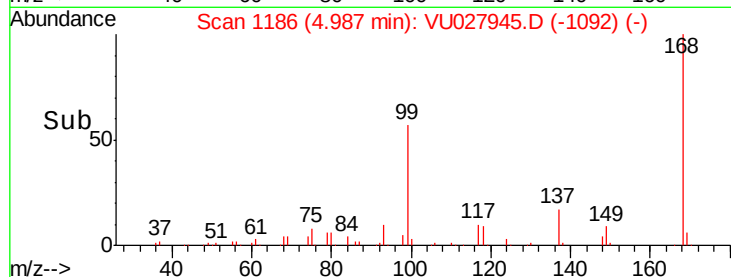
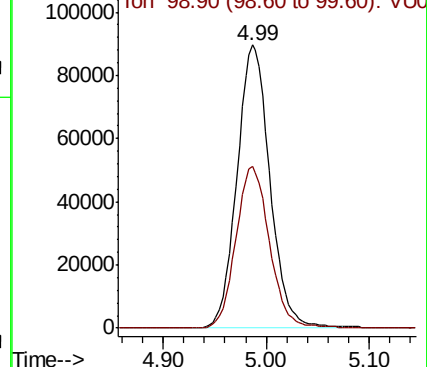
Ion Ratio Lower Upper

168 100

99 57.0 47.9 71.9



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



#16

Acetone

Concen: 5.273 ug/l

RT: 2.32 min Scan# 358

Delta R.T. -0.00 min

Lab File: VU027945.D

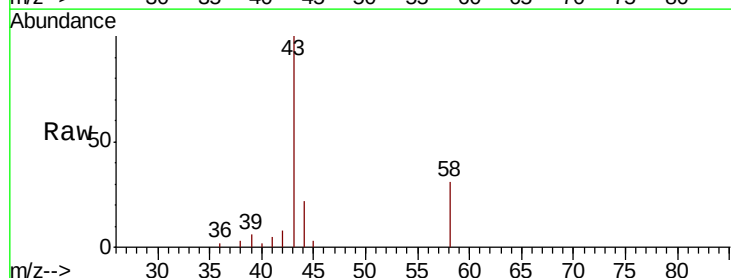
Acq: 05 Nov 2018 10:30

Tgt Ion: 43 Resp: 9681

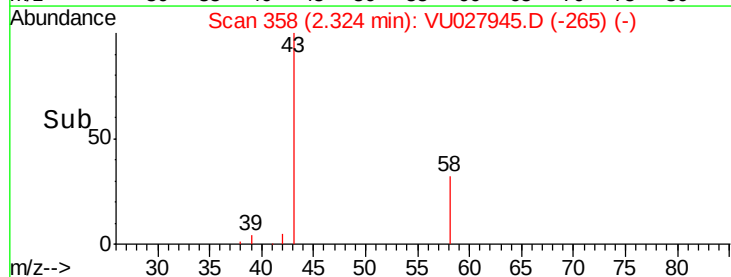
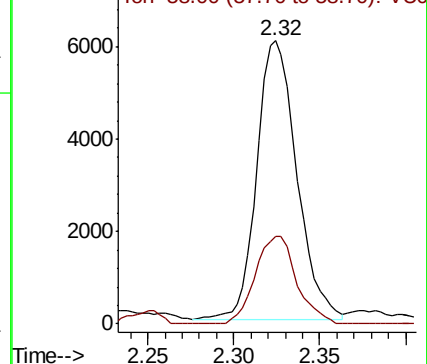
Ion Ratio Lower Upper

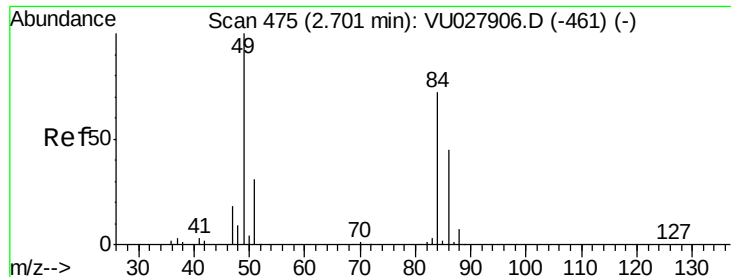
43 100

58 31.6 24.6 37.0



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

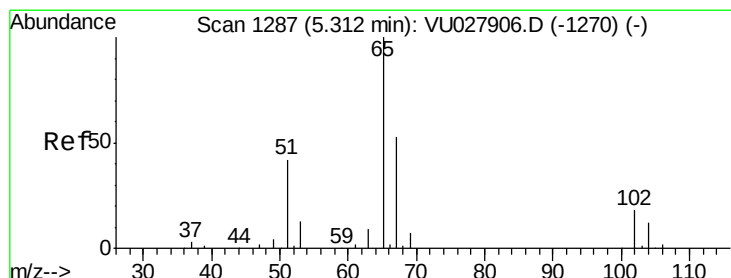
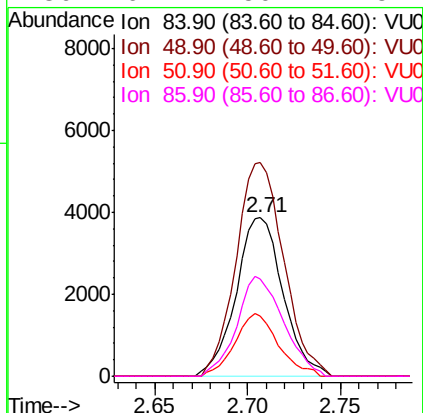
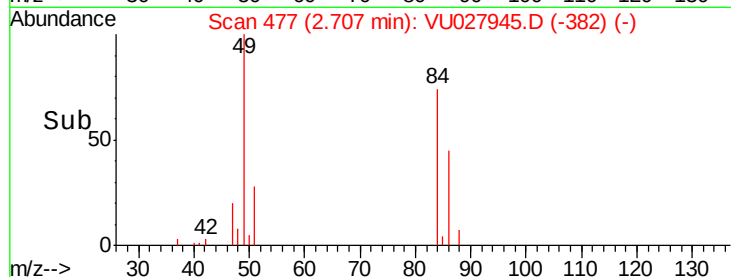
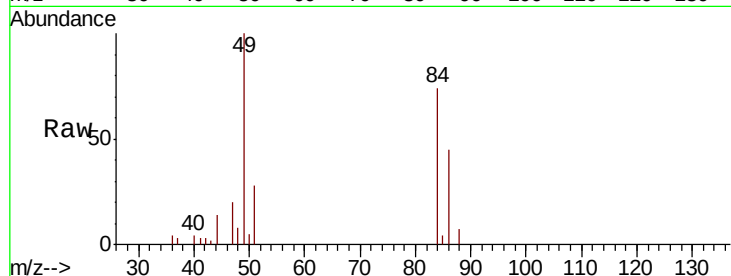




#20
Methylene Chloride
Concen: 2.532 ug/l
RT: 2.71 min Scan# 477
Delta R.T. 0.01 min
Lab File: VU027945.D
Acq: 05 Nov 2018 10:30

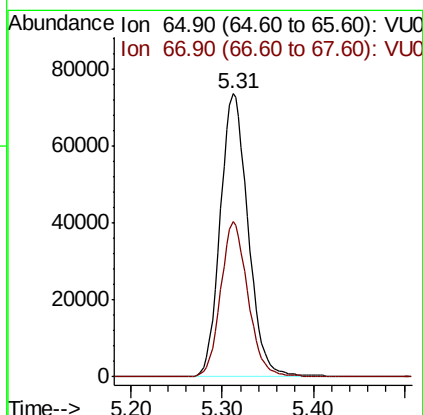
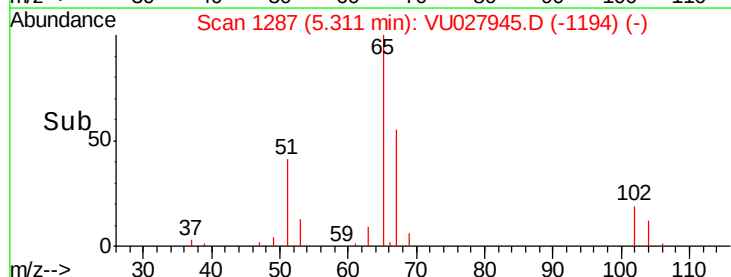
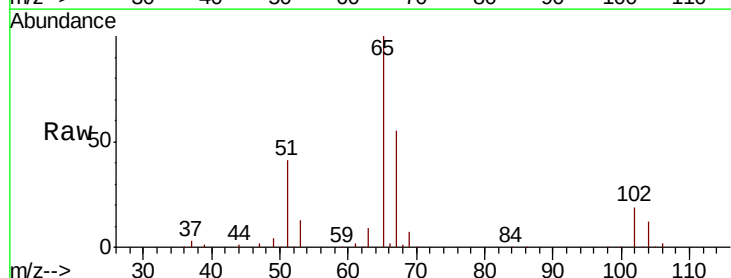
Instrument :
MSVOA_U
ClientSampleId :
PB114473TB

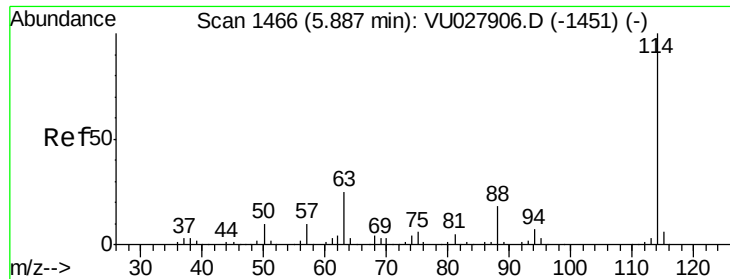
Tot Ion: 84 Resp: 6788
Ion Ratio Lower Upper
84 100
49 134.7 111.6 167.4
51 38.3 34.8 52.2
86 61.2 50.1 75.1



#33
1,2-Dichloroethane-d4
Concen: 53.191 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. -0.00 min
Lab File: VU027945.D
Acq: 05 Nov 2018 10:30

Tgt Ion: 65 Resp: 157406
Ion Ratio Lower Upper
65 100
67 53.1 0.0 109.0

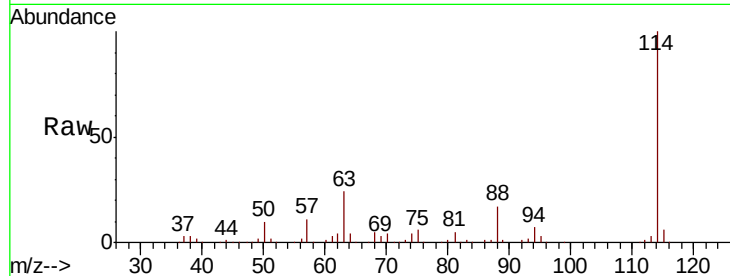




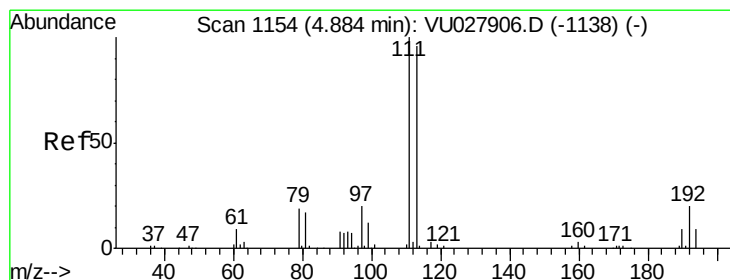
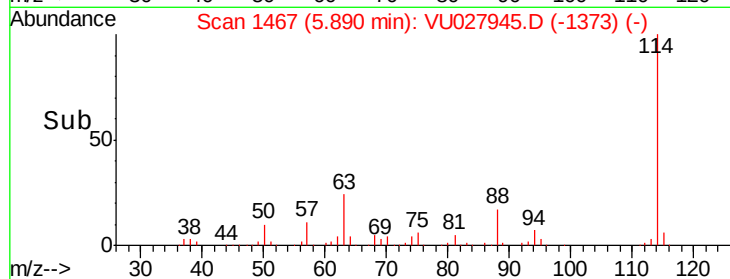
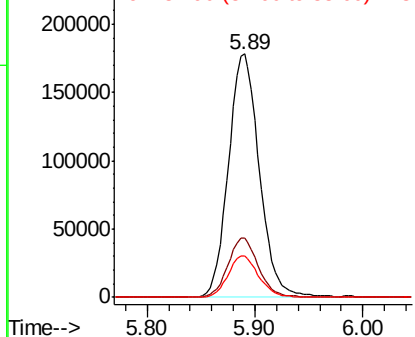
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.89 min Scan# 1467
Delta R.T. 0.00 min
Lab File: VU027945.D
Acq: 05 Nov 2018 10:30

Instrument :
MSVOA_U
ClientSampleId :
PB114473TB

Tot Ion:114 Resp: 354170
Ion Ratio Lower Upper
114 100
63 24.3 0.0 50.8
88 17.0 0.0 35.8

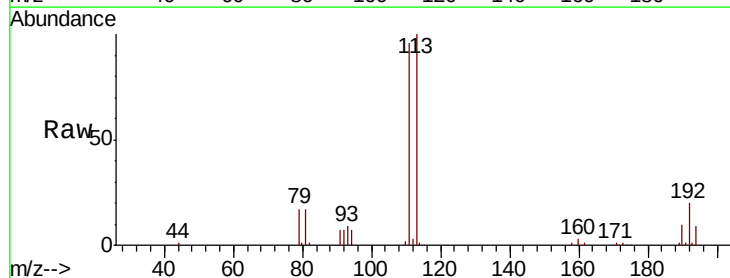


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VU0
Ion 87.90 (87.60 to 88.60): VU0

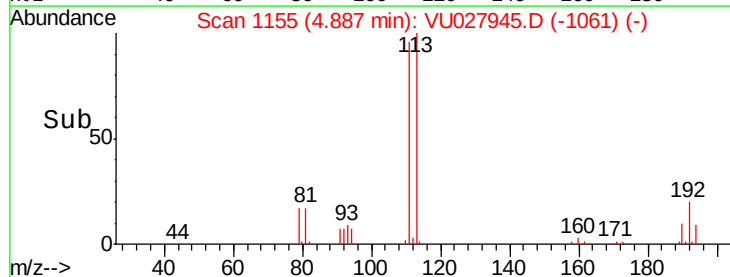
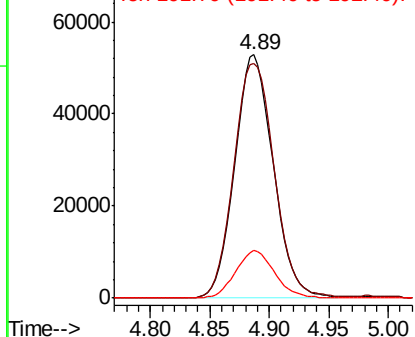


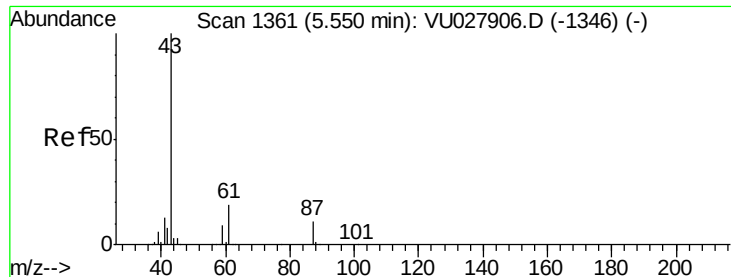
#35
Dibromofluoromethane
Concen: 53.210 ug/l
RT: 4.89 min Scan# 1155
Delta R.T. 0.00 min
Lab File: VU027945.D
Acq: 05 Nov 2018 10:30

Tgt Ion:113 Resp: 118823
Ion Ratio Lower Upper
113 100
111 101.7 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: 28.036 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VU027945.D

Acq: 05 Nov 2018 10:30

Instrument :

MSVOA_U

ClientSampleId :

PB114473TB

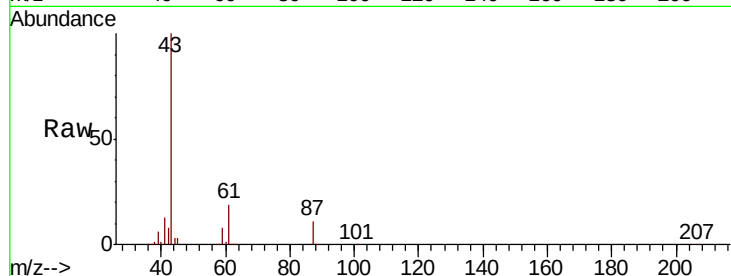
Tot Ion: 43 Resp: 238729

Ion Ratio Lower Upper

43 100

61 17.8 15.0 22.4

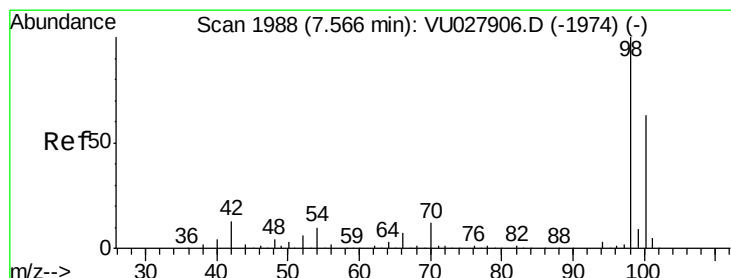
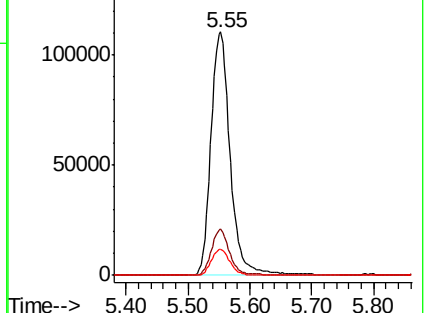
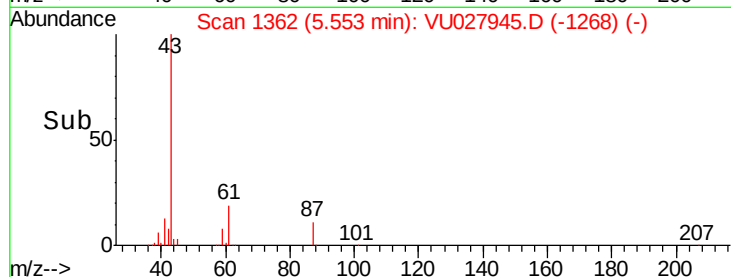
87 10.4 8.6 12.8



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) (-)



#50

Toluene-d8

Concen: 52.856 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU027945.D

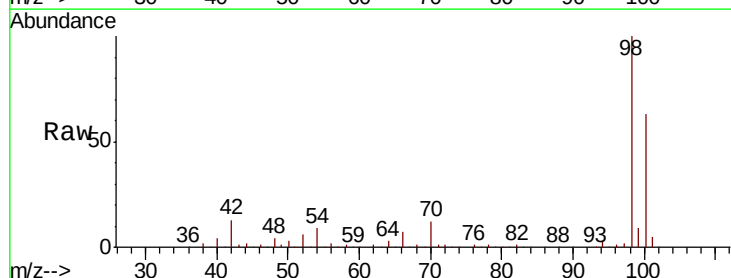
Acq: 05 Nov 2018 10:30

Tgt Ion: 98 Resp: 455947

Ion Ratio Lower Upper

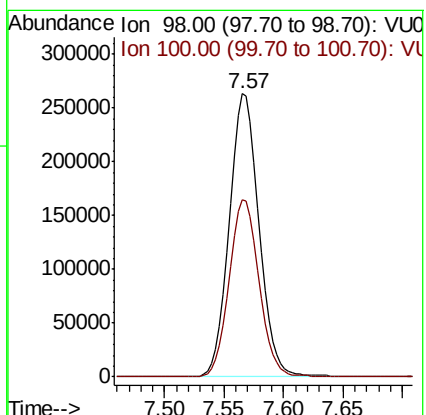
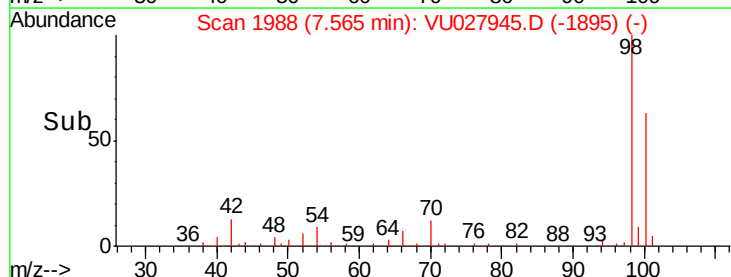
98 100

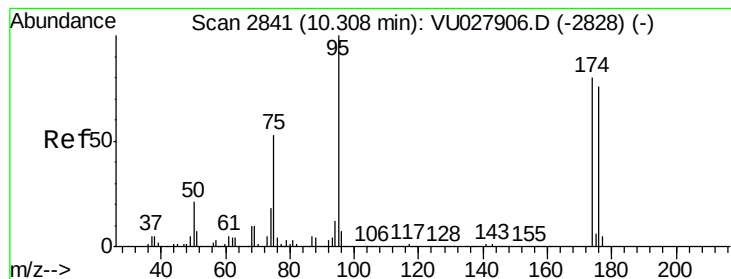
100 62.7 50.1 75.1



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

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





#62

4-Bromofluorobenzene

Concen: 48.088 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VU027945.D

Acq: 05 Nov 2018 10:30

Instrument :

MSVOA_U

ClientSampleId :

PB114473TB

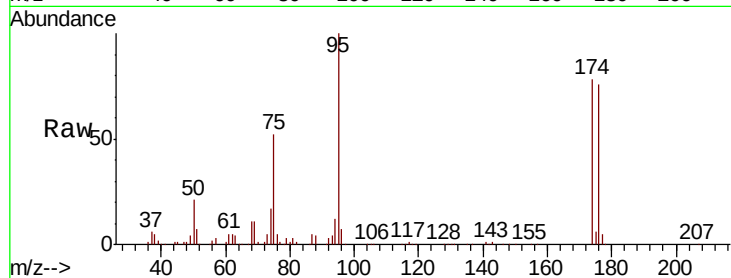
Tot Ion: 95 Resp: 153004

Ion Ratio Lower Upper

95 100

174 78.5 0.0 156.4

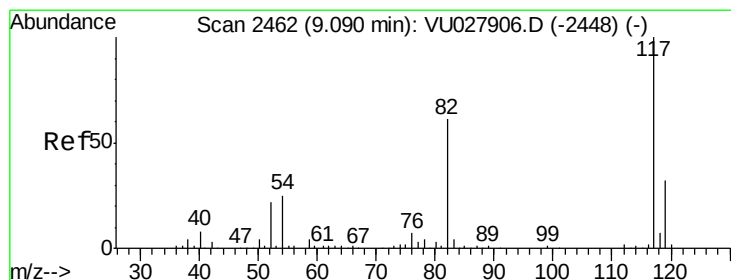
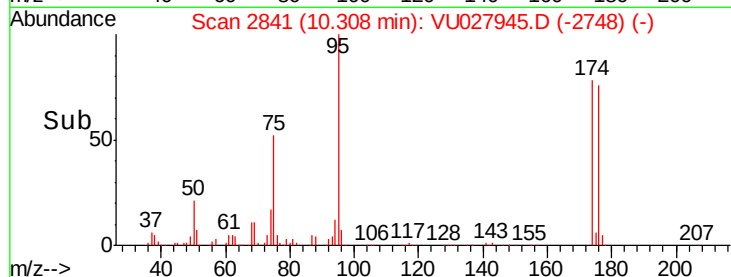
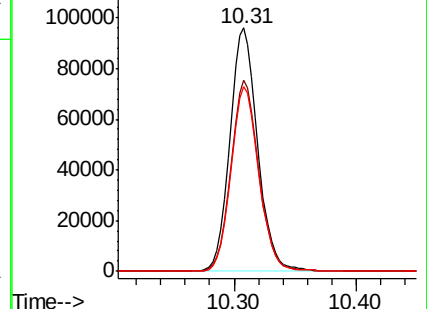
176 76.2 0.0 150.8



Abundance Ion 94.90 (94.60 to 95.60): VU027906.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU027906.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU027906.D (-2828) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. -0.00 min

Lab File: VU027945.D

Acq: 05 Nov 2018 10:30

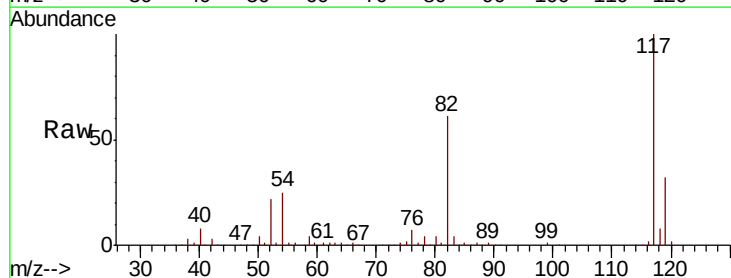
Tgt Ion: 117 Resp: 318301

Ion Ratio Lower Upper

117 100

82 61.4 48.6 73.0

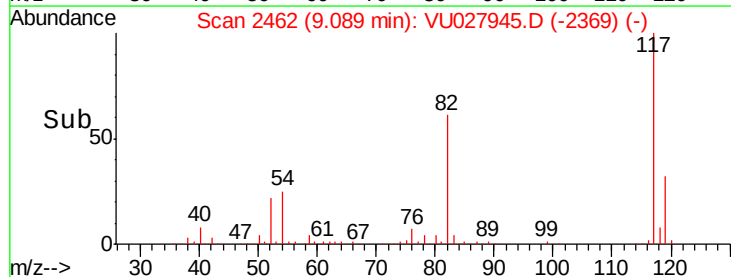
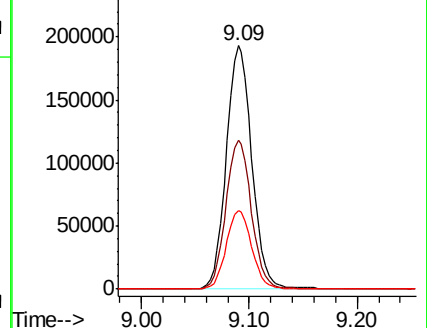
119 32.5 25.8 38.8

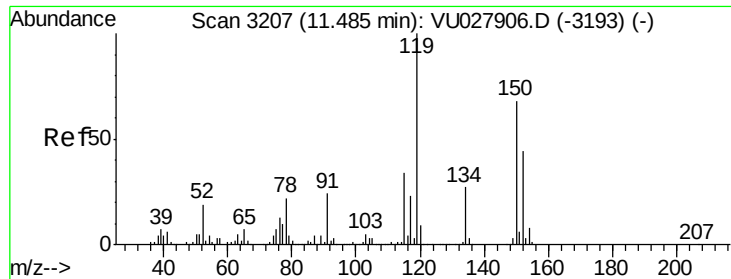


Abundance Ion 116.90 (116.60 to 117.60): VU027906.D (-2448) (-)

Ion 82.00 (81.70 to 82.70): VU027906.D (-2448) (-)

Ion 118.90 (118.60 to 119.60): VU027906.D (-2448) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. -0.00 min

Lab File: VU027945.D

Acq: 05 Nov 2018 10:30

Instrument :

MSVOA_U

ClientSampleId :

PB114473TB

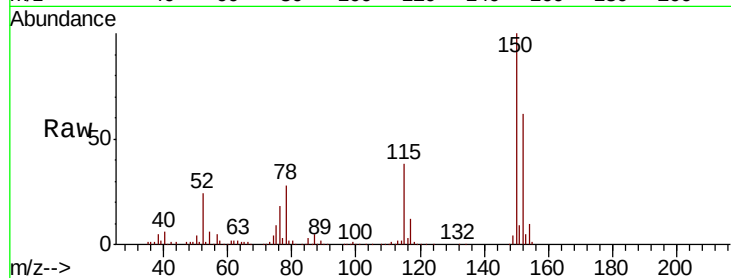
Tot Ion:152 Resp: 136967

Ion Ratio Lower Upper

152 100

115 60.8 43.0 129.0

150 158.5 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

