

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110518\
 Data File : VU027956.D
 Acq On : 05 Nov 2018 14:45
 Operator : MD/SY
 Sample : PB114473ZHE#11
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB114473ZHE#11

Quant Time: Nov 06 04:18:12 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

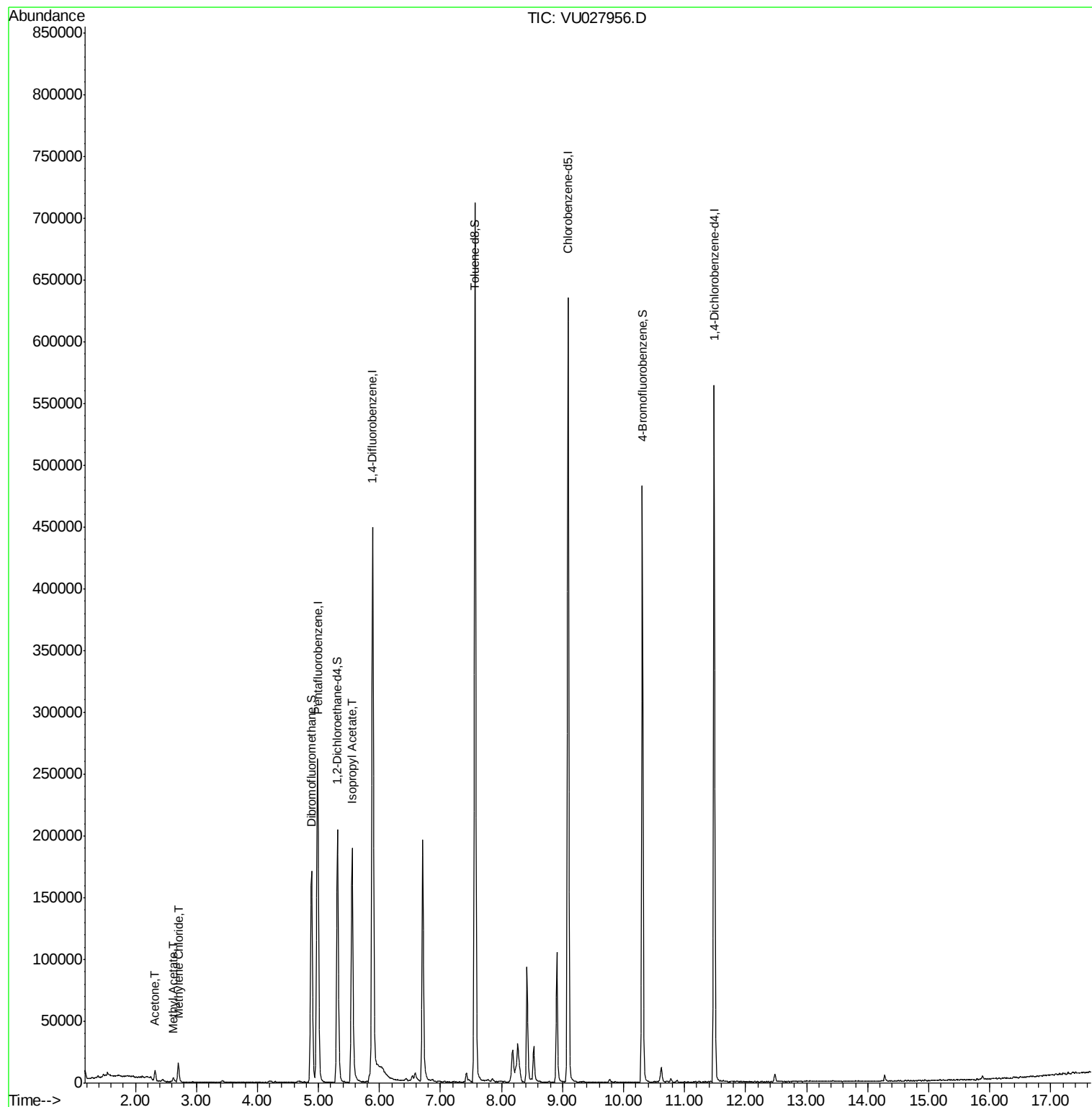
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	195656	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	360179	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	326971	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	142176	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	158566	54.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.02%	
35) Dibromofluoromethane	4.89	113	118375	52.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.24%	
50) Toluene-d8	7.57	98	460800	52.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.06%	
62) 4-Bromofluorobenzene	10.31	95	159599	49.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.64%	
Target Compounds						
16) Acetone	2.32	43	8950	4.959	ug/l	99
18) Methyl Acetate	2.62	43	5157	1.039	ug/l #	91
20) Methylene Chloride	2.70	84	6420	2.436	ug/l	95
43) Isopropyl Acetate	5.55	43	227845	26.311	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: VU027956.D

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Instrument :

MSVOA_U

ClientSampleId :

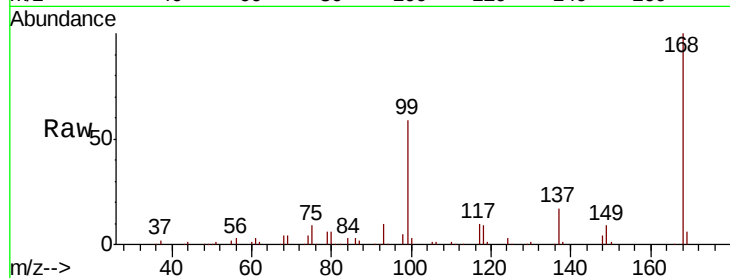
PB114473ZHE#11

Tot Ion:168 Resp: 195656

Ion Ratio Lower Upper

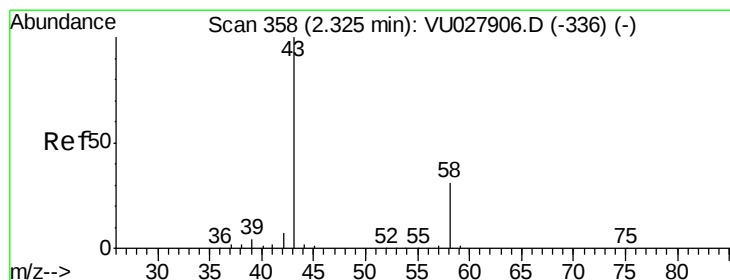
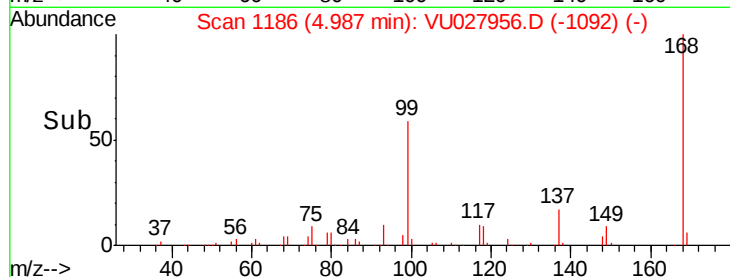
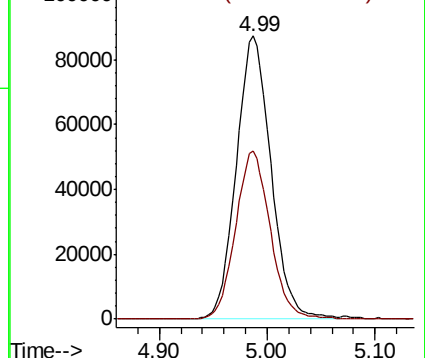
168 100

99 59.2 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) (-)



#16

Acetone

Concen: 4.959 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027956.D

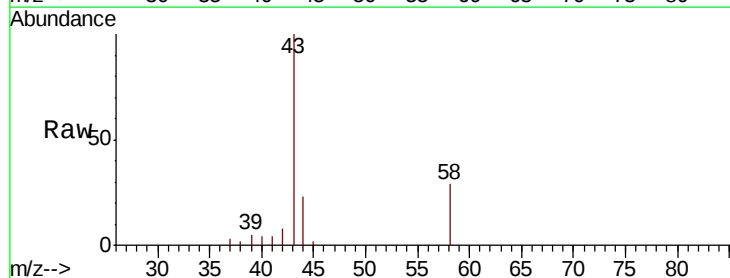
Acq: 05 Nov 2018 14:45

Tgt Ion: 43 Resp: 8950

Ion Ratio Lower Upper

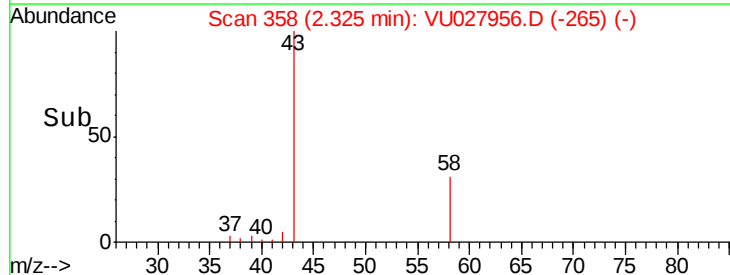
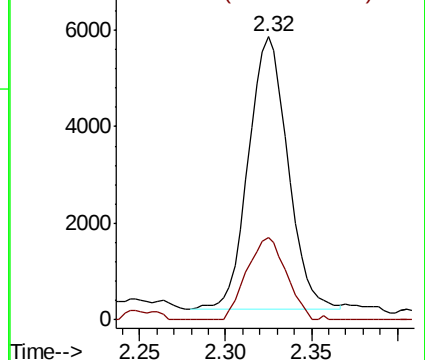
43 100

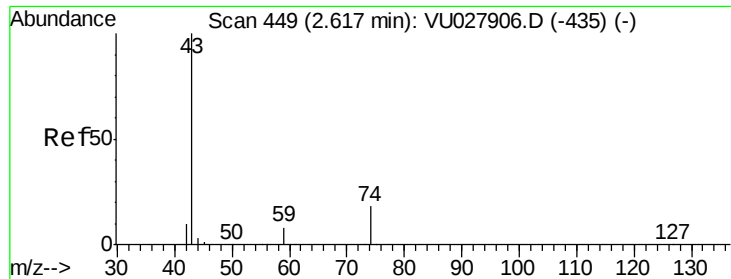
58 30.4 24.6 37.0



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

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





#18

Methyl Acetate

Concen: 1.039 ug/l

RT: 2.62 min Scan# 449

Delta R.T. 0.00 min

Lab File: VU027956.D

Acq: 05 Nov 2018 14:45

Instrument :

MSVOA_U

ClientSampleId :

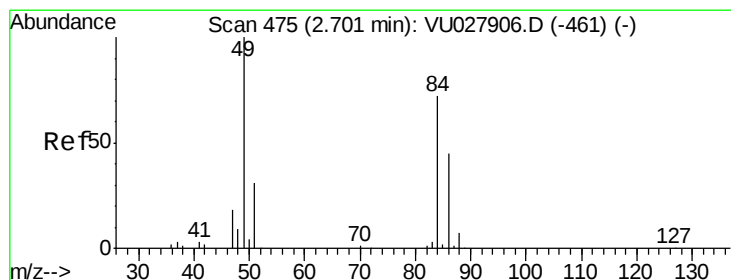
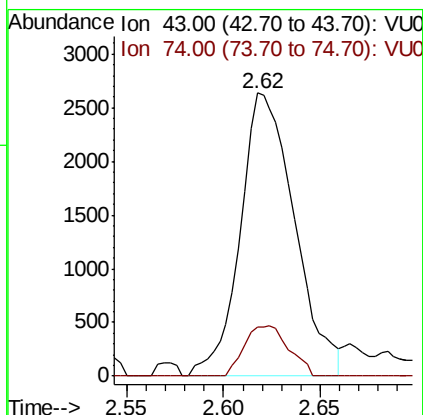
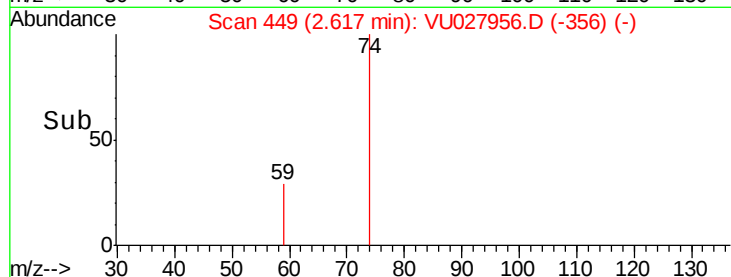
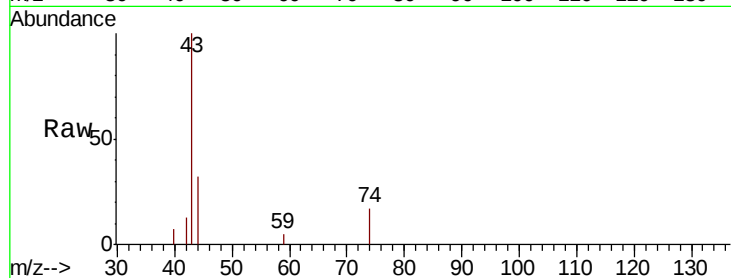
PB114473ZHE#11

Tot Ion: 43 Resp: 5157

Ion Ratio Lower Upper

43 100

74 14.6 14.9 22.3#



#20

Methylene Chloride

Concen: 2.436 ug/l

RT: 2.70 min Scan# 475

Delta R.T. 0.00 min

Lab File: VU027956.D

Acq: 05 Nov 2018 14:45

Tgt Ion: 84 Resp: 6420

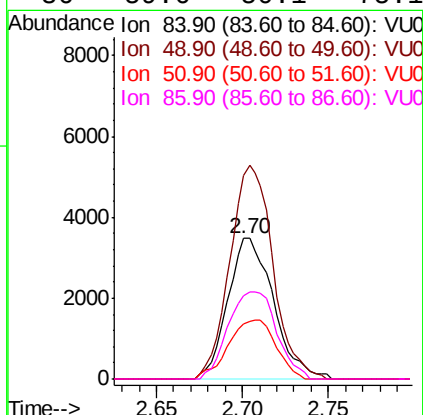
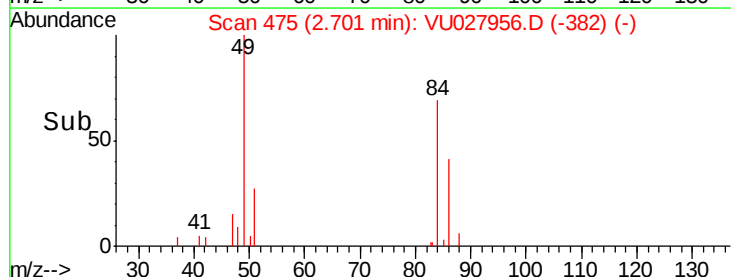
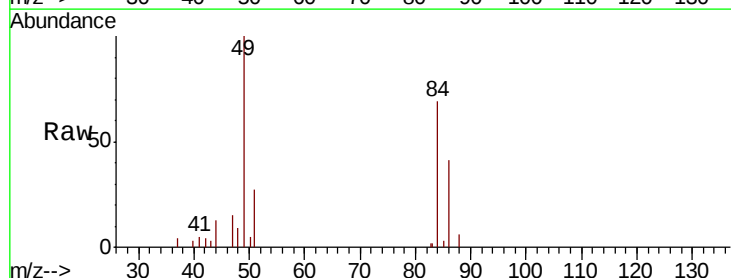
Ion Ratio Lower Upper

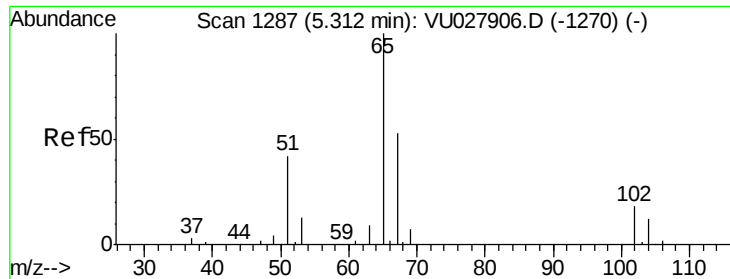
84 100

49 144.6 111.6 167.4

51 39.2 34.8 52.2

86 59.6 50.1 75.1

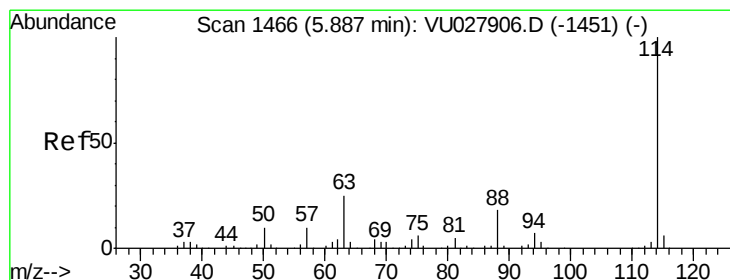
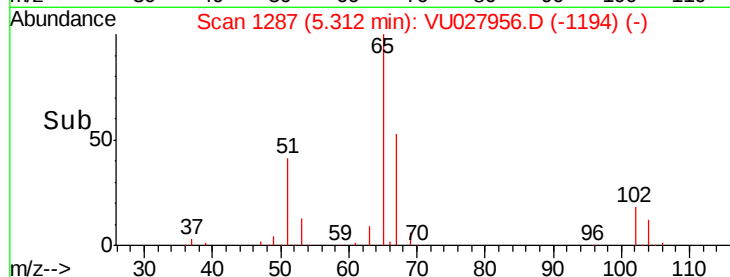
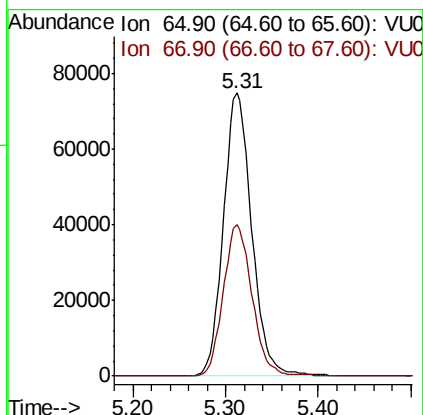
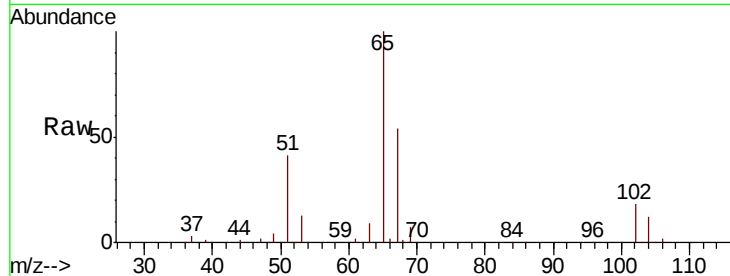




#33
 1,2-Dichloroethane-d4
 Concen: 54.510 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027956.D
 Acq: 05 Nov 2018 14:45

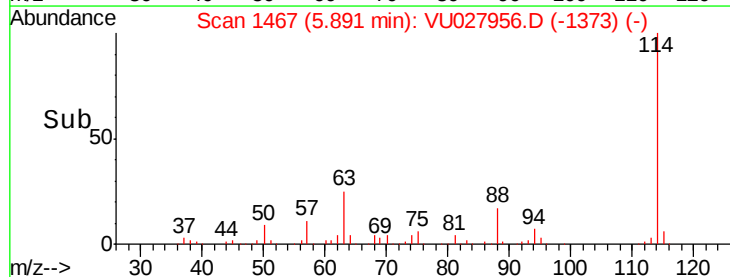
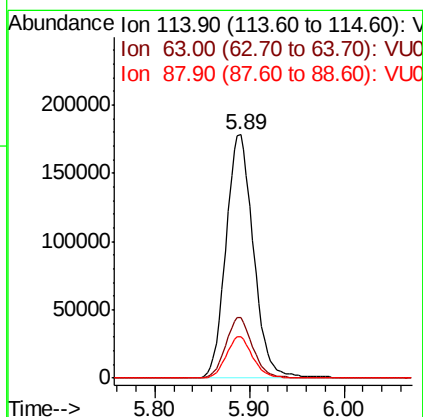
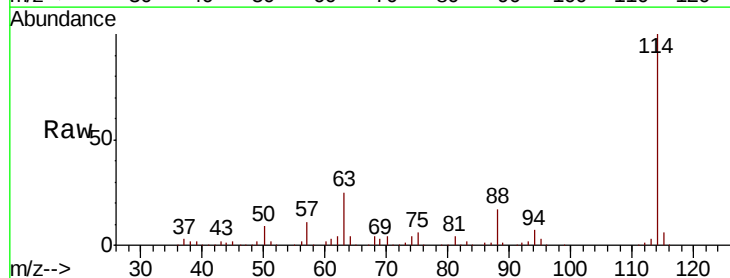
Instrument :
 MSVOA_U
 ClientSampleId :
 PB114473ZHE#11

Tot Ion: 65 Resp: 158566
 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: VU027956.D
 Acq: 05 Nov 2018 14:45

Tgt Ion: 114 Resp: 360179
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 50.8
 88 17.0 0.0 35.8





#35

Dibromofluoromethane

Concen: 52.125 ug/l

RT: 4.89 min Scan# 1155

Delta R.T. 0.00 min

Lab File: VU027956.D

Acq: 05 Nov 2018 14:45

Instrument :

MSVOA_U

ClientSampleId :

PB114473ZHE#11

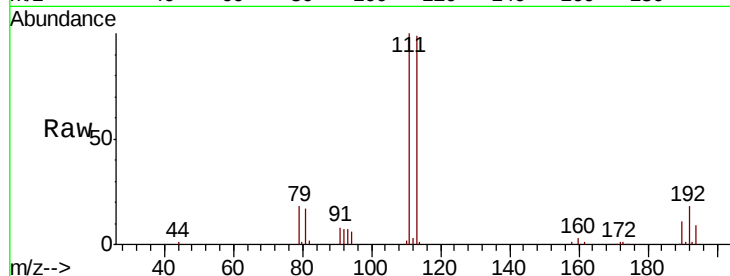
Tot Ion:113 Resp: 118375

Ion Ratio Lower Upper

113 100

111 102.2 83.0 124.6

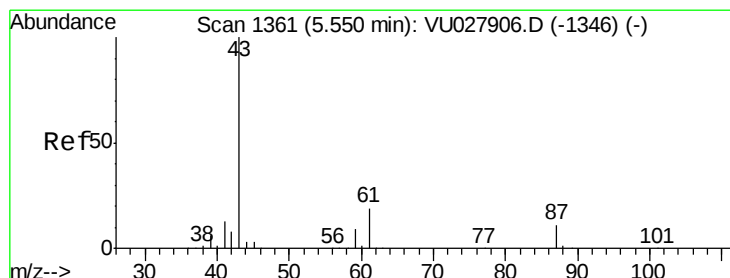
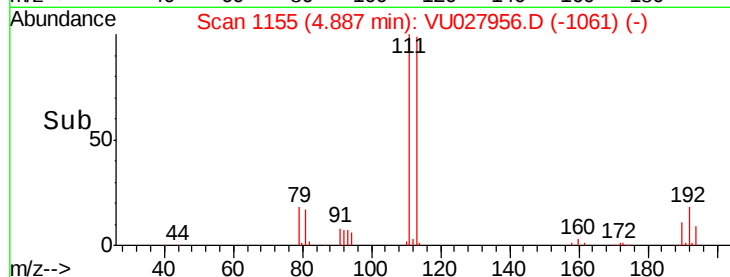
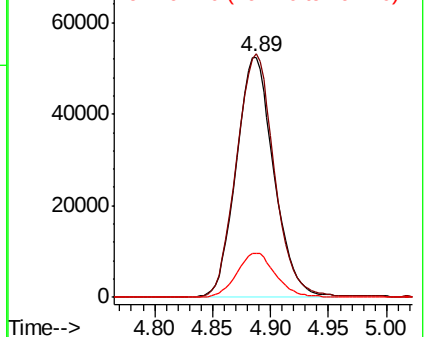
192 18.8 15.6 23.4



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: 26.311 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VU027956.D

Acq: 05 Nov 2018 14:45

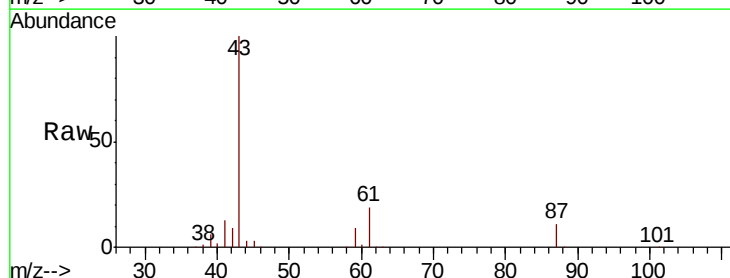
Tgt Ion: 43 Resp: 227845

Ion Ratio Lower Upper

43 100

61 18.6 15.0 22.4

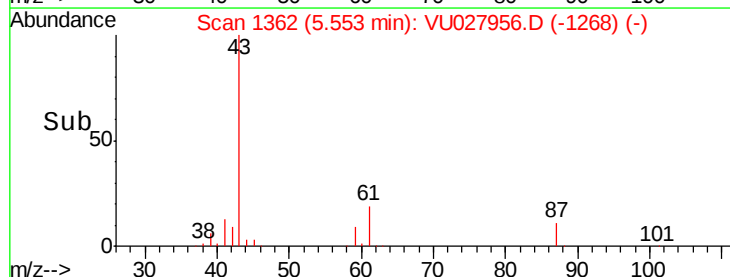
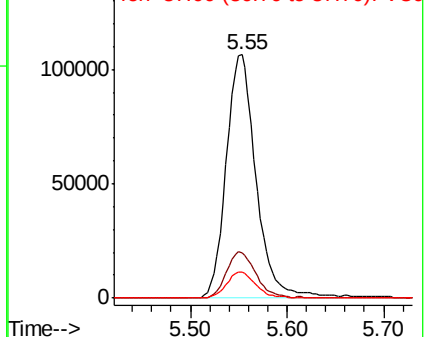
87 10.5 8.6 12.8

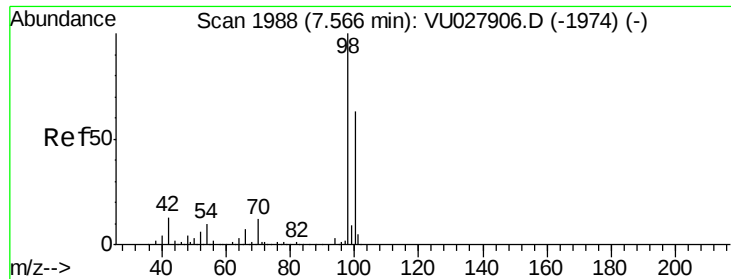


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#50

Toluene-d8

Concen: 52.527 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VU027956.D

Acq: 05 Nov 2018 14:45

Instrument :

MSVOA_U

ClientSampleId :

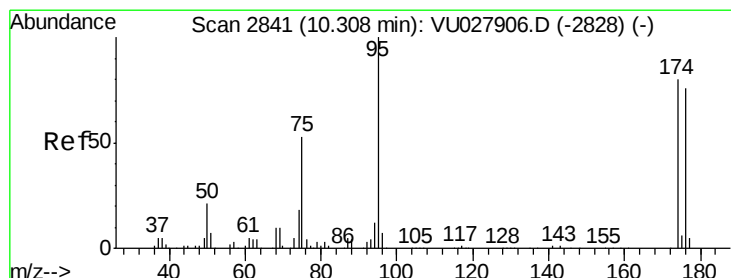
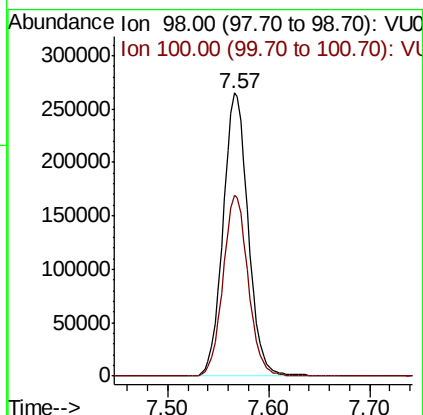
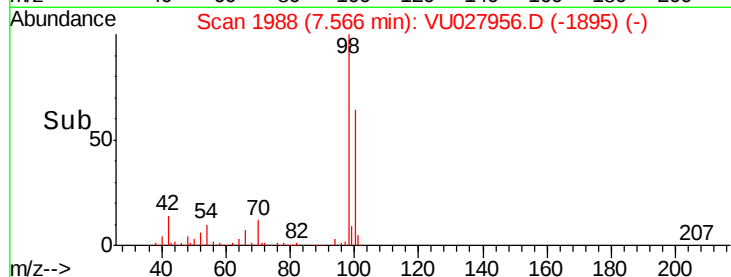
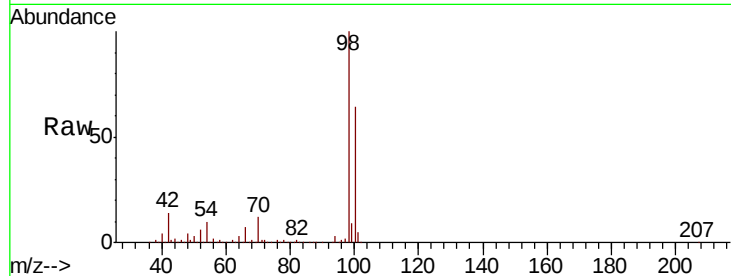
PB114473ZHE#11

Tot Ion: 98 Resp: 460800

Ion Ratio Lower Upper

98 100

100 64.0 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 49.324 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027956.D

Acq: 05 Nov 2018 14:45

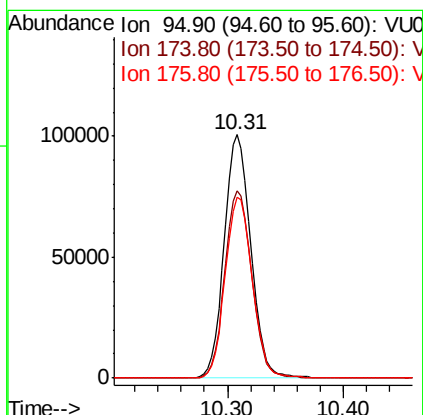
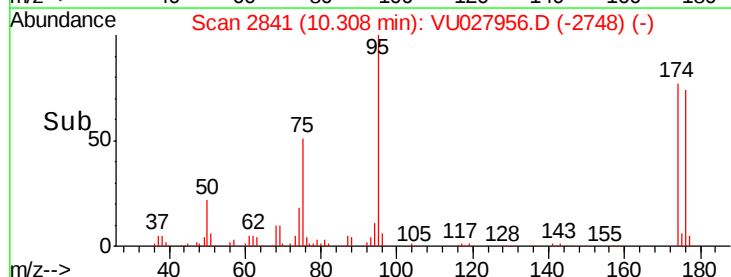
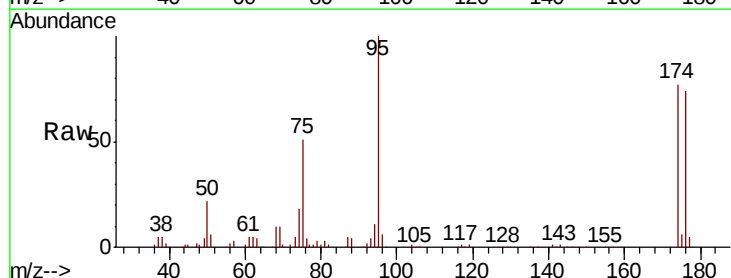
Tgt Ion: 95 Resp: 159599

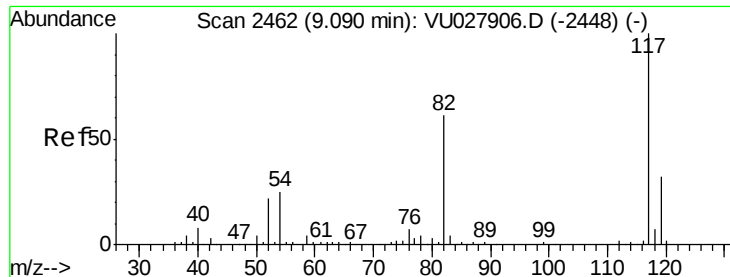
Ion Ratio Lower Upper

95 100

174 77.6 0.0 156.4

176 75.7 0.0 150.8

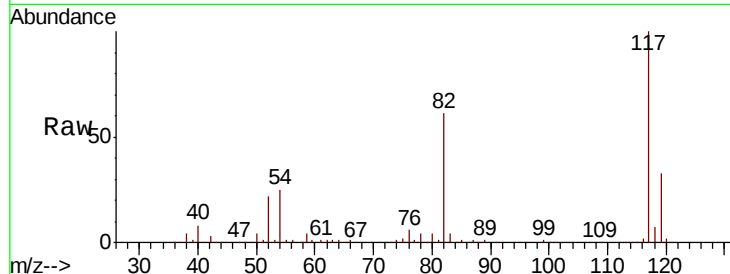




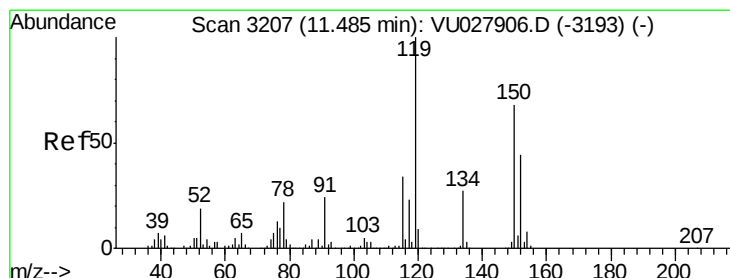
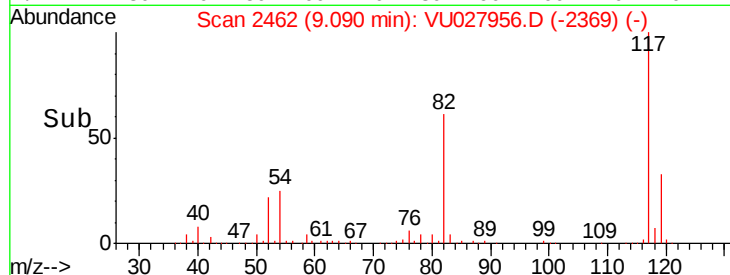
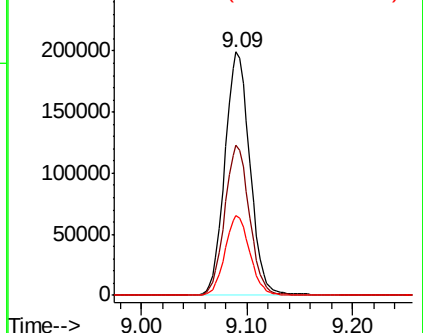
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU027956.D
Acq: 05 Nov 2018 14:45

Instrument :
MSVOA_U
ClientSampleId :
PB114473ZHE#11

Tot Ion:117 Resp: 326971
Ion Ratio Lower Upper
117 100
82 61.5 48.6 73.0
119 33.0 25.8 38.8

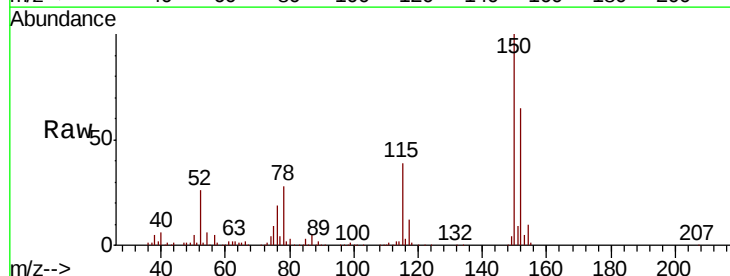


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027956.D
Acq: 05 Nov 2018 14:45

Tgt Ion:152 Resp: 142176
Ion Ratio Lower Upper
152 100
115 60.2 43.0 129.0
150 154.4 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

