

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110518\
 Data File : VU027946.D
 Acq On : 05 Nov 2018 10:53
 Operator : MD/SY
 Sample : PB114473ZHE#01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB114473ZHE#01

Quant Time: Nov 06 04:02:18 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

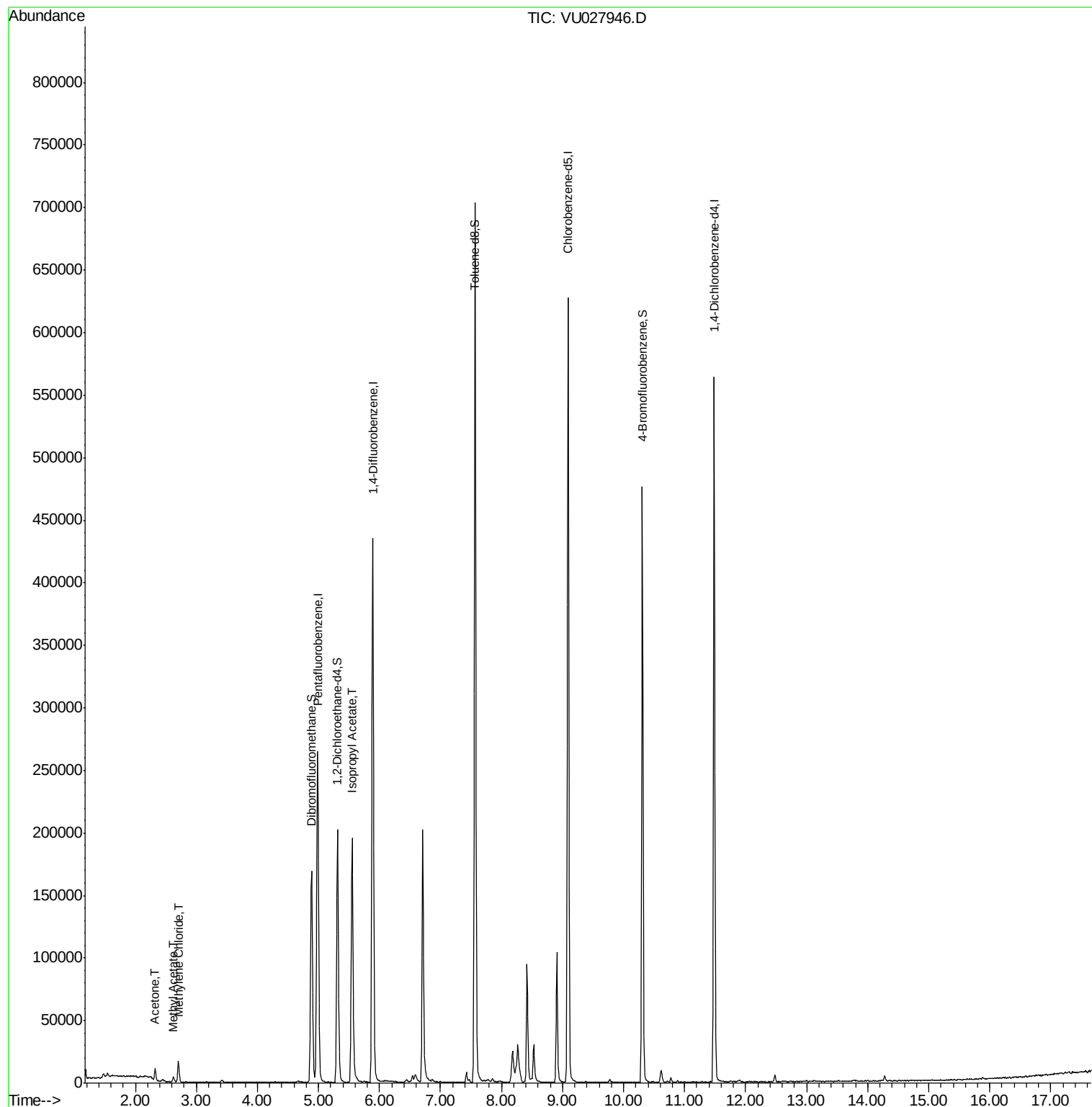
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	197481	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	360327	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	326532	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	140221	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	156802	53.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.82%	
35) Dibromofluoromethane	4.89	113	116084	51.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.20%	
50) Toluene-d8	7.57	98	458594	52.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.50%	
62) 4-Bromofluorobenzene	10.31	95	158270	48.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.78%	
Target Compounds						
16) Acetone	2.32	43	9545	5.240	ug/l	92
18) Methyl Acetate	2.62	43	5345	1.067	ug/l	97
20) Methylene Chloride	2.70	84	6730	2.530	ug/l	95
43) Isopropyl Acetate	5.55	43	237218	27.383	ug/l	100

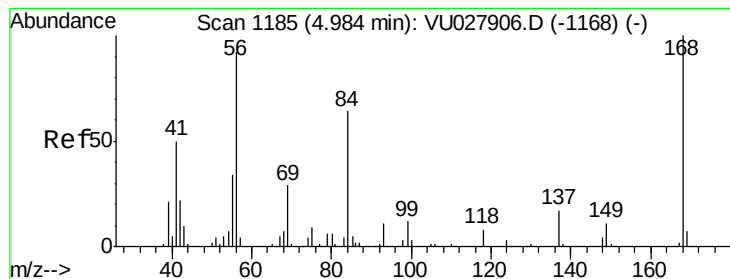
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU027946.D

Acq: 05 Nov 2018 10:53

Instrument :

MSVOA_U

ClientSampleId :

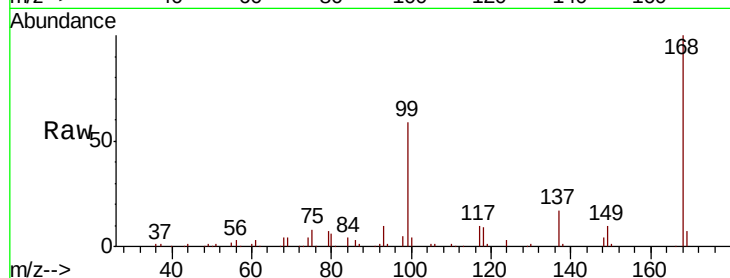
PB114473ZHE#01

Tot Ion:168 Resp: 197481

Ion Ratio Lower Upper

168 100

99 59.0 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VU027946.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU027946.D (-1168) (-)

4.99

80000

60000

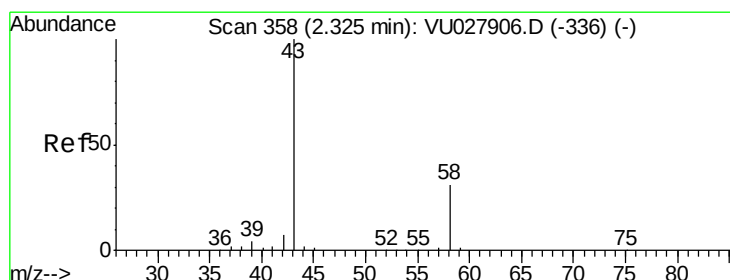
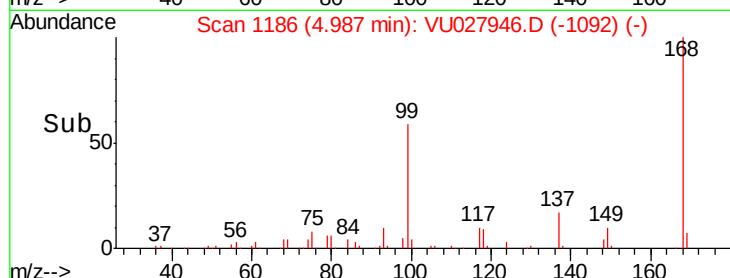
40000

20000

0

Time-->

4.90 4.95 5.00 5.05



#16

Acetone

Concen: 5.240 ug/l

RT: 2.32 min Scan# 358

Delta R.T. -0.00 min

Lab File: VU027946.D

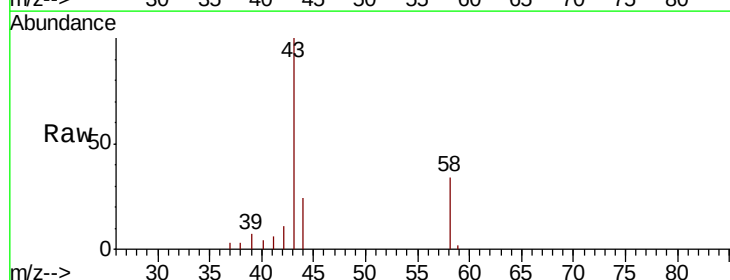
Acq: 05 Nov 2018 10:53

Tgt Ion: 43 Resp: 9545

Ion Ratio Lower Upper

43 100

58 35.3 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VU027946.D (-336) (-)

Ion 58.00 (57.70 to 58.70): VU027946.D (-336) (-)

2.32

6000

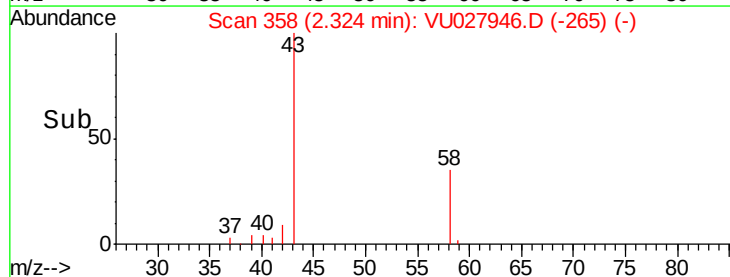
4000

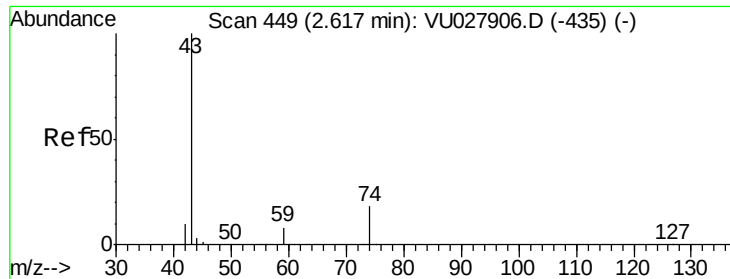
2000

0

Time-->

2.30 2.35

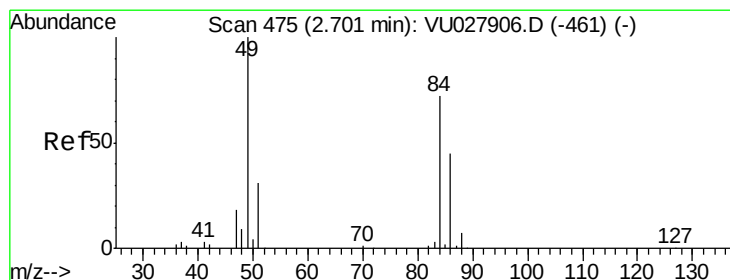
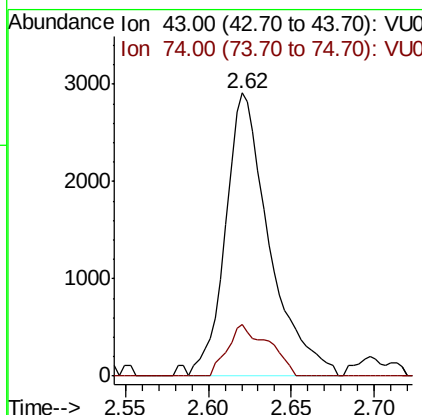
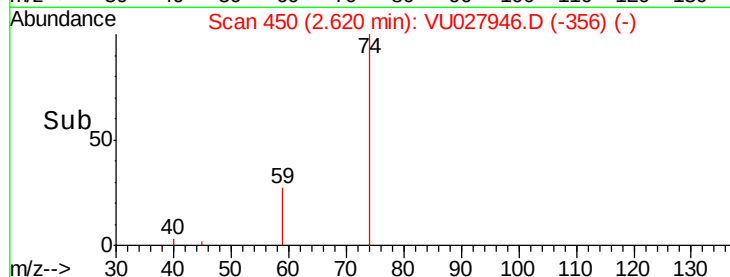
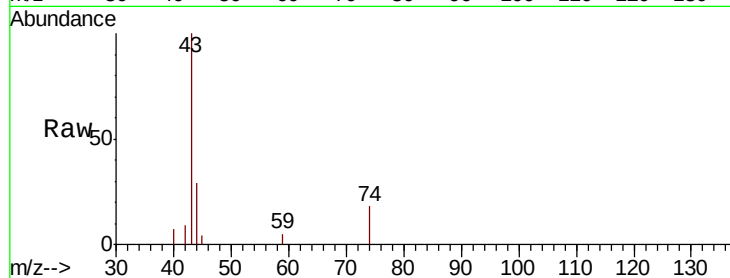




#18
Methyl Acetate
Concen: 1.067 ug/l
RT: 2.62 min Scan# 450
Delta R.T. 0.00 min
Lab File: VU027946.D
Acq: 05 Nov 2018 10:53

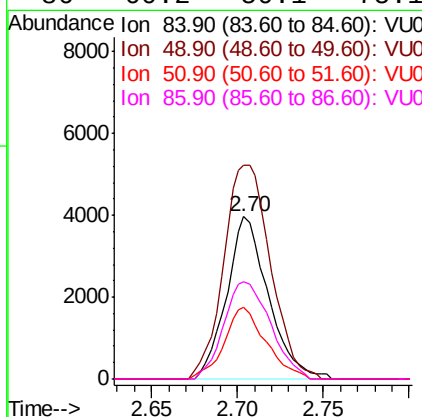
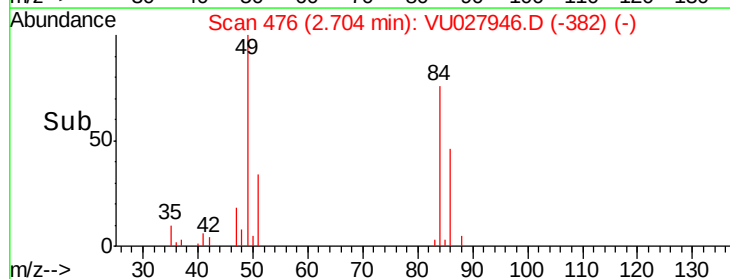
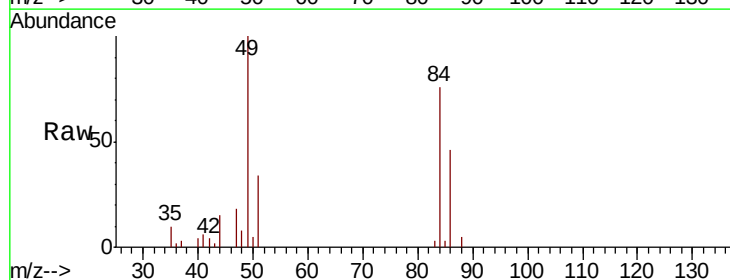
Instrument :
MSVOA_U
ClientSampleId :
PB114473ZHE#01

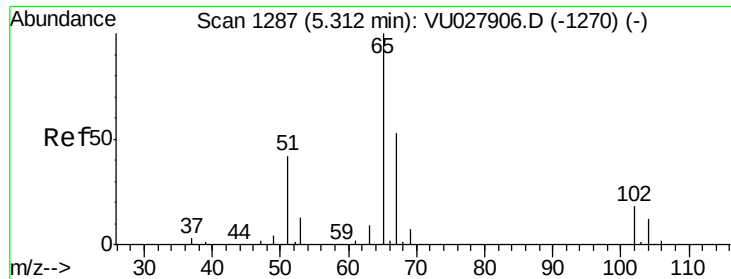
Tot Ion: 43 Resp: 5345
Ion Ratio Lower Upper
43 100
74 17.1 14.9 22.3



#20
Methylene Chloride
Concen: 2.530 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU027946.D
Acq: 05 Nov 2018 10:53

Tgt Ion: 84 Resp: 6730
Ion Ratio Lower Upper
84 100
49 131.3 111.6 167.4
51 44.3 34.8 52.2
86 60.2 50.1 75.1

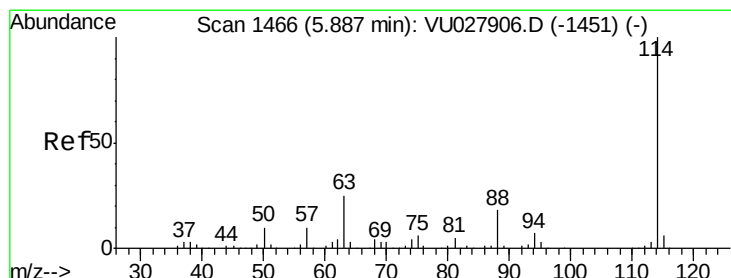
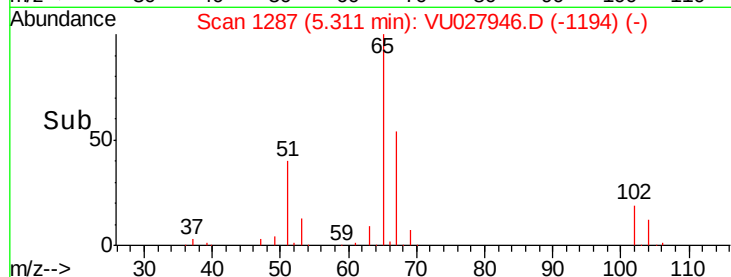
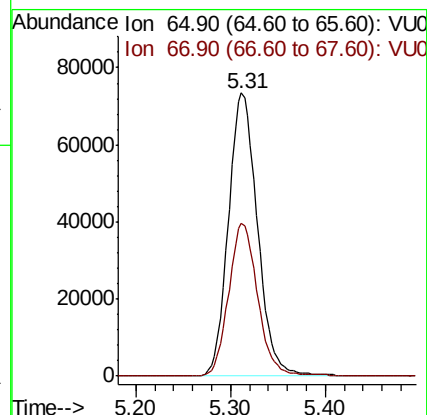
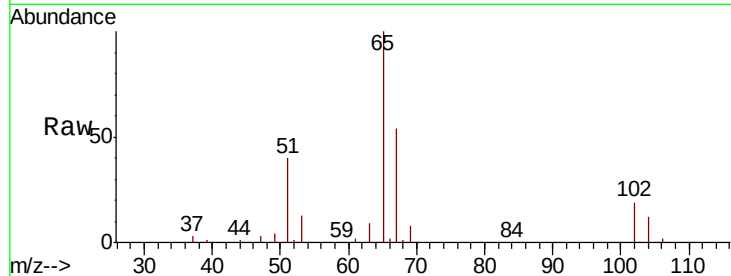




#33
 1,2-Dichloroethane-d4
 Concen: 53.406 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. -0.00 min
 Lab File: VU027946.D
 Acq: 05 Nov 2018 10:53

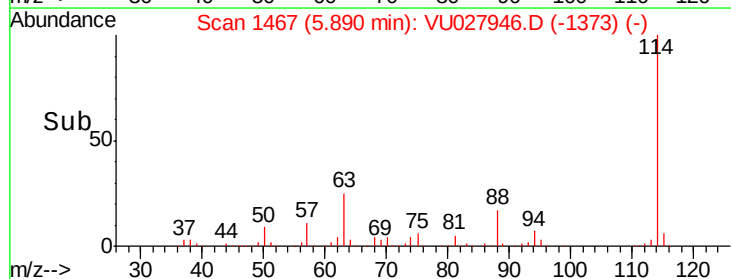
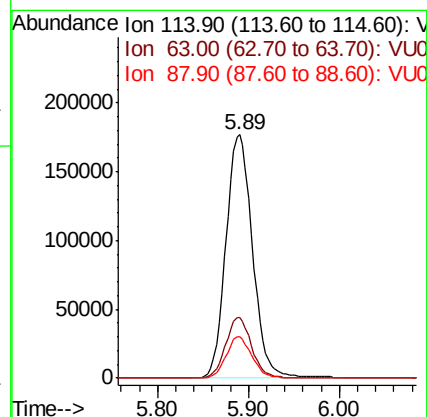
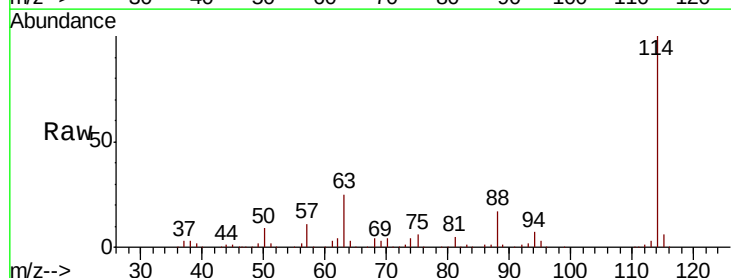
Instrument :
 MSVOA_U
 ClientSampleId :
 PB114473ZHE#01

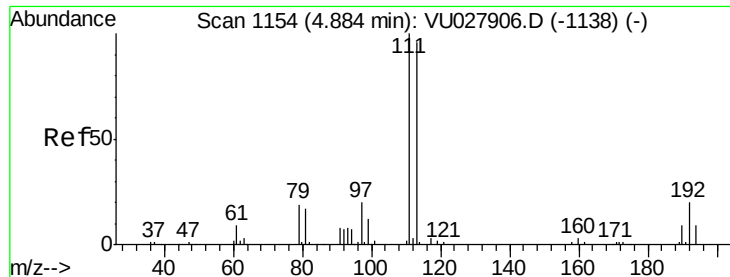
Tot Ion: 65 Resp: 156802
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027946.D
 Acq: 05 Nov 2018 10:53

Tgt Ion: 114 Resp: 360327
 Ion Ratio Lower Upper
 114 100
 63 24.6 0.0 50.8
 88 17.1 0.0 35.8

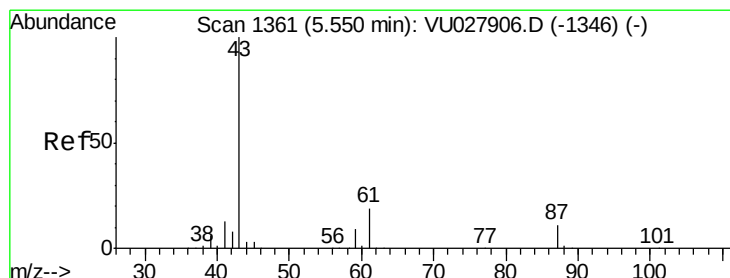
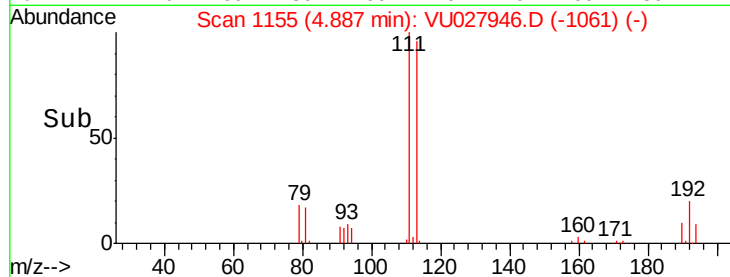
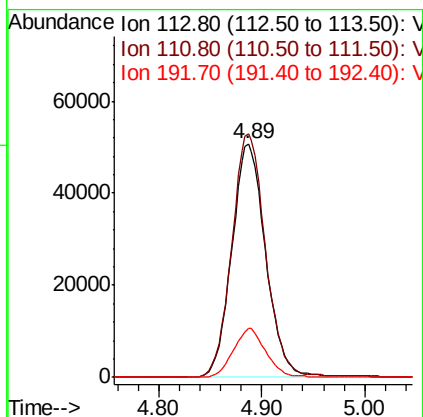
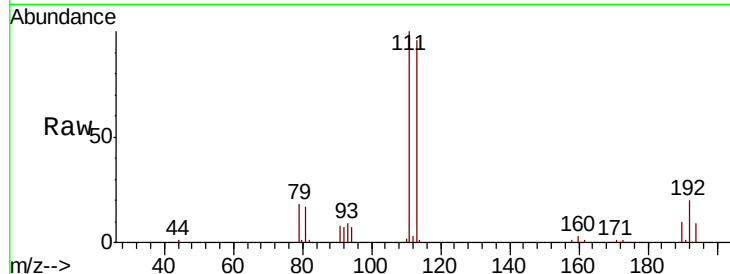




#35
 Dibromofluoromethane
 Concen: 51.095 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027946.D
 Acq: 05 Nov 2018 10:53

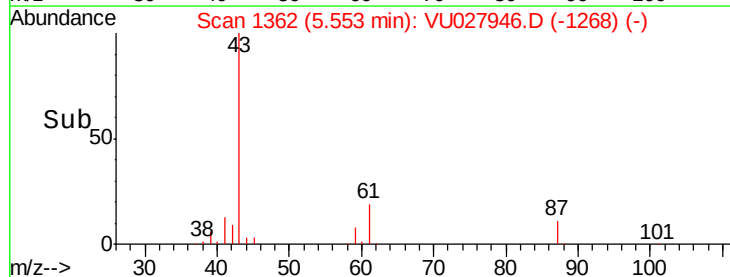
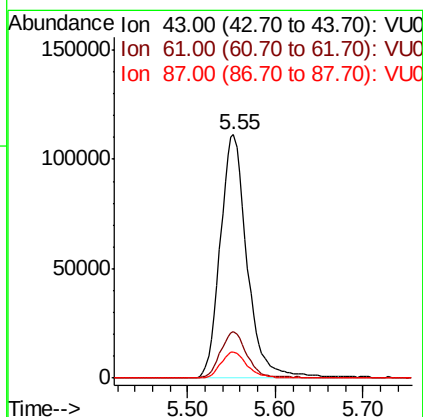
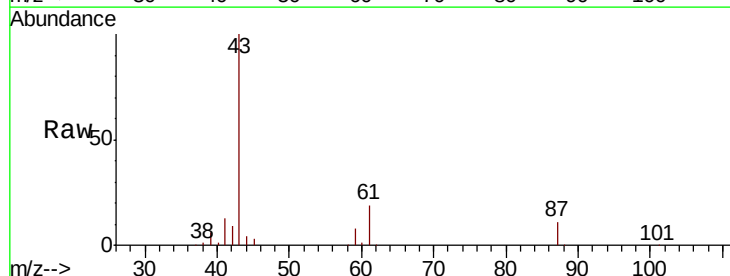
Instrument :
 MSVOA_U
 ClientSampleId :
 PB114473ZHE#01

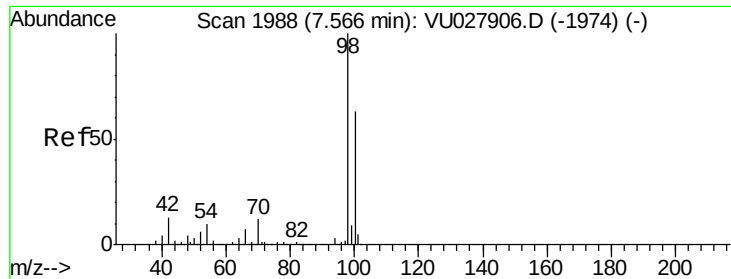
Tot Ion:113 Resp: 116084
 Ion Ratio Lower Upper
 113 100
 111 103.8 83.0 124.6
 192 20.0 15.6 23.4



#43
 Isopropyl Acetate
 Concen: 27.383 ug/l
 RT: 5.55 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VU027946.D
 Acq: 05 Nov 2018 10:53

Tgt Ion: 43 Resp: 237218
 Ion Ratio Lower Upper
 43 100
 61 18.5 15.0 22.4
 87 10.5 8.6 12.8





#50

Toluene-d8

Concen: 52.254 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU027946.D

Acq: 05 Nov 2018 10:53

Instrument :

MSVOA_U

ClientSampleId :

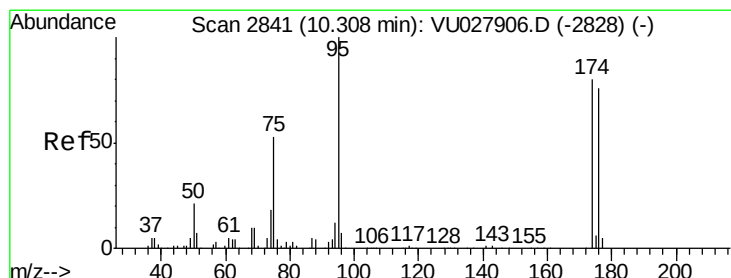
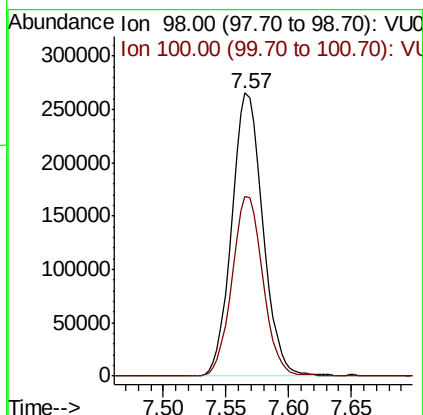
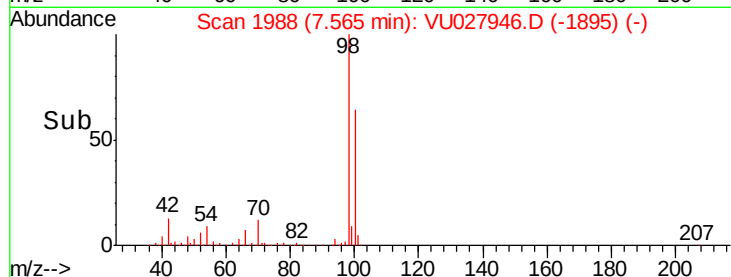
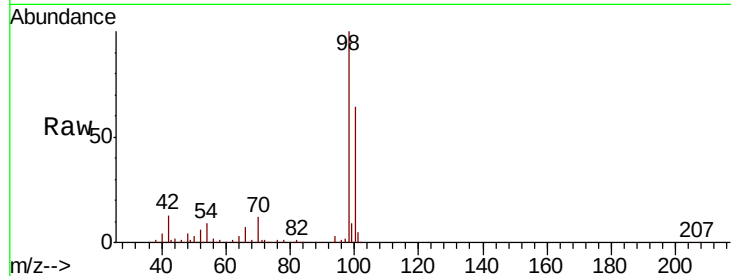
PB114473ZHE#01

Tot Ion: 98 Resp: 458594

Ion Ratio Lower Upper

98 100

100 63.2 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 48.893 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VU027946.D

Acq: 05 Nov 2018 10:53

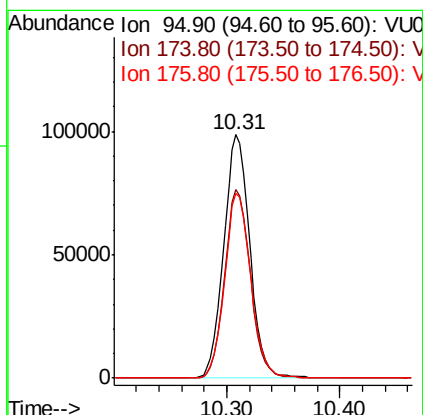
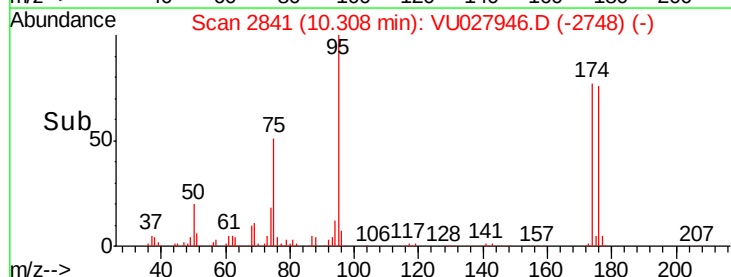
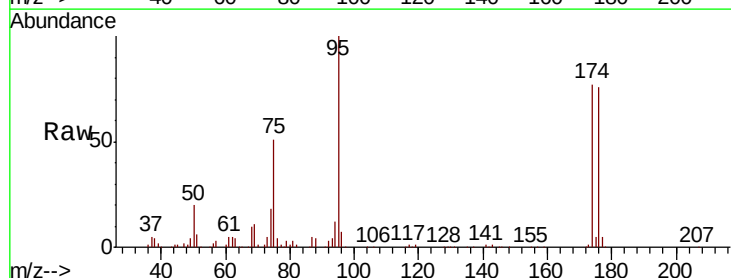
Tgt Ion: 95 Resp: 158270

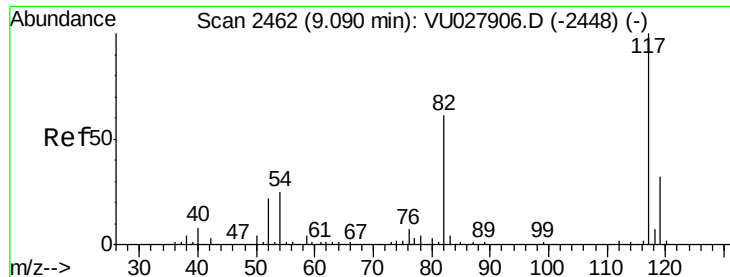
Ion Ratio Lower Upper

95 100

174 76.6 0.0 156.4

176 75.8 0.0 150.8

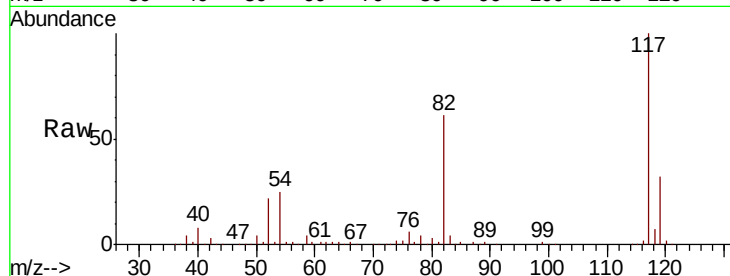




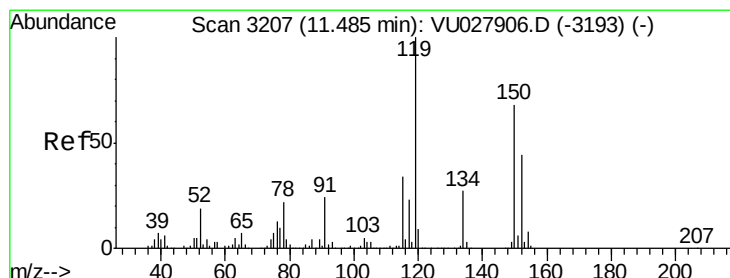
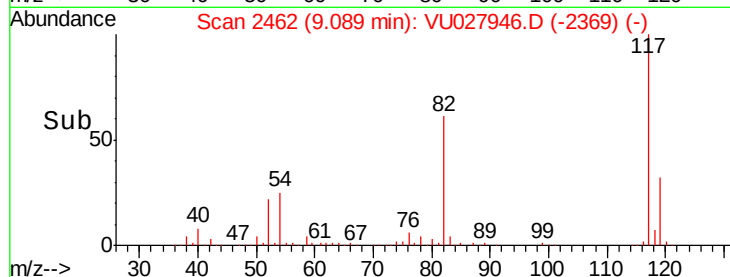
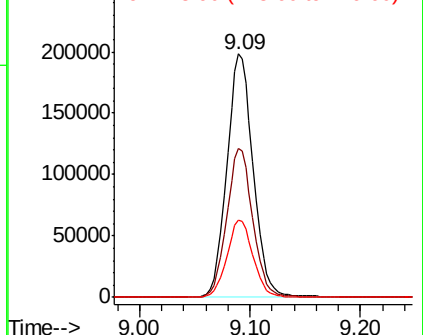
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027946.D
Acq: 05 Nov 2018 10:53

Instrument :
MSVOA_U
ClientSampleId :
PB114473ZHE#01

Tot Ion:117 Resp: 326532
Ion Ratio Lower Upper
117 100
82 61.3 48.6 73.0
119 31.8 25.8 38.8

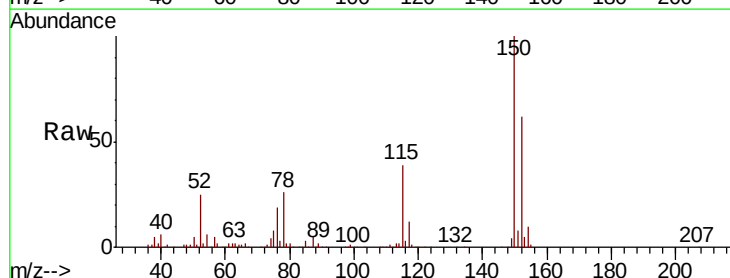


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU027906.D (-2448) (-)
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU027946.D
Acq: 05 Nov 2018 10:53

Tgt Ion:152 Resp: 140221
Ion Ratio Lower Upper
152 100
115 61.1 43.0 129.0
150 157.0 0.0 349.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): VU027906.D (-3193) (-)
Ion 149.90 (149.60 to 150.60): V

