

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110818\
 Data File : VU028018.D
 Acq On : 08 Nov 2018 12:09
 Operator : MD/SY
 Sample : PB114610ZHE#02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB114610ZHE#02

Quant Time: Nov 08 13:14:18 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

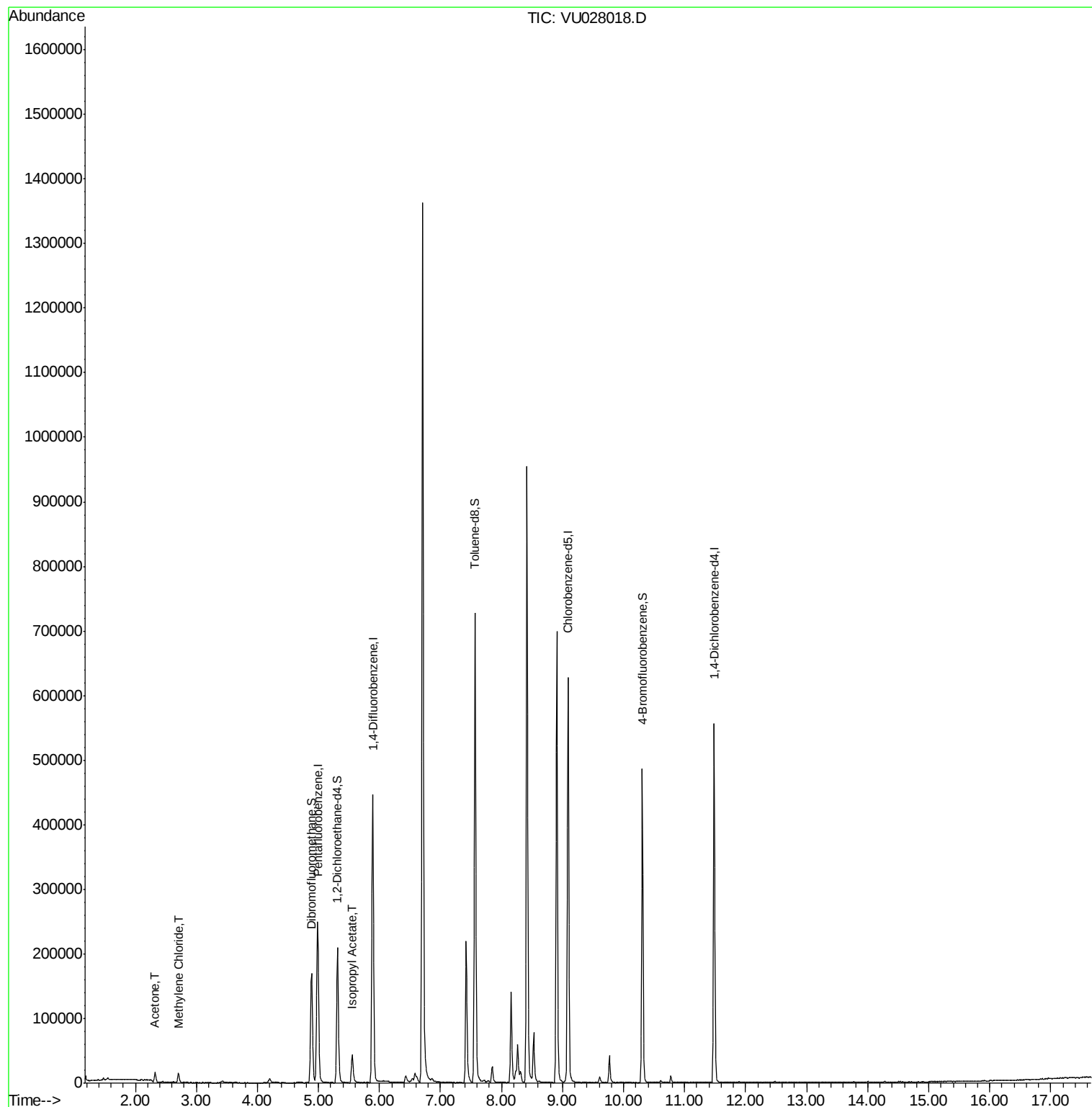
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	185804	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	361759	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	329041	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	138234	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	159839	57.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.72%	
35) Dibromofluoromethane	4.89	113	116605	51.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.24%	
50) Toluene-d8	7.57	98	475596	53.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.96%	
62) 4-Bromofluorobenzene	10.31	95	158830	48.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.74%	
Target Compounds						
16) Acetone	2.32	43	14837	8.657	ug/l	96
20) Methylene Chloride	2.71	84	6072	2.426	ug/l	96
43) Isopropyl Acetate	5.55	43	55070	6.332	ug/l	100

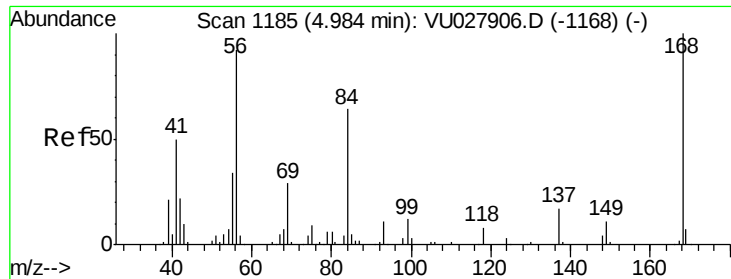
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VU028018.D

Acq: 08 Nov 2018 12:09

Instrument :

MSVOA_U

ClientSampleId :

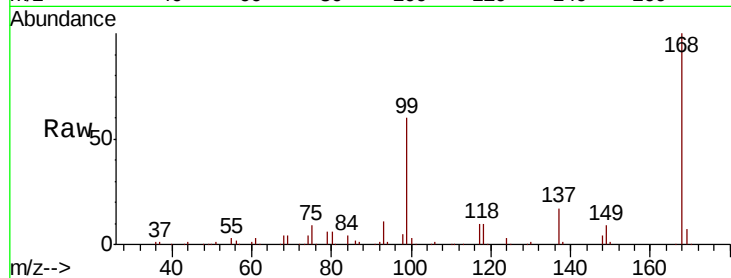
PB114610ZHE#02

Tot Ion:168 Resp: 185804

Ion Ratio Lower Upper

168 100

99 60.3 47.9 71.9



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

Ion 98.90 (98.60 to 99.60): VU028018.D (-1092) (-)

4.99

80000

60000

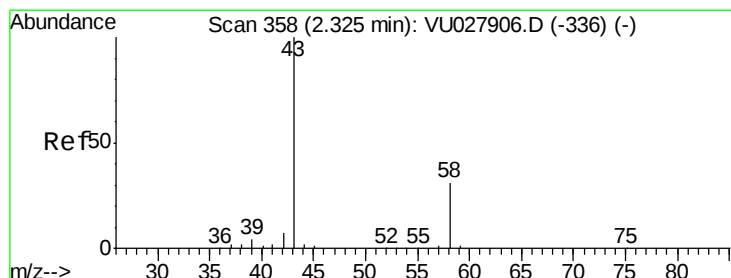
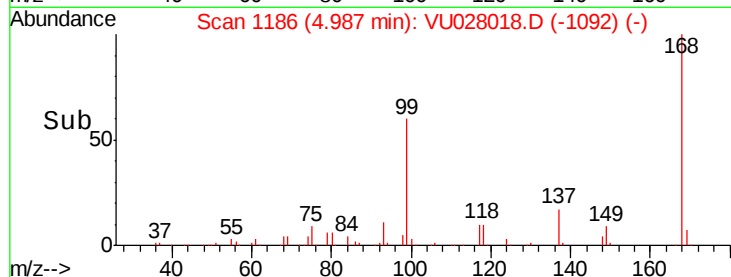
40000

20000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#16

Acetone

Concen: 8.657 ug/l

RT: 2.32 min Scan# 358

Delta R.T. -0.00 min

Lab File: VU028018.D

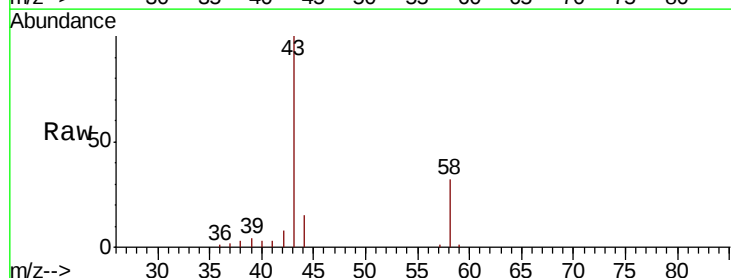
Acq: 08 Nov 2018 12:09

Tgt Ion: 43 Resp: 14837

Ion Ratio Lower Upper

43 100

58 33.2 24.6 37.0



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

Ion 58.00 (57.70 to 58.70): VU028018.D (-265) (-)

2.32

10000

8000

6000

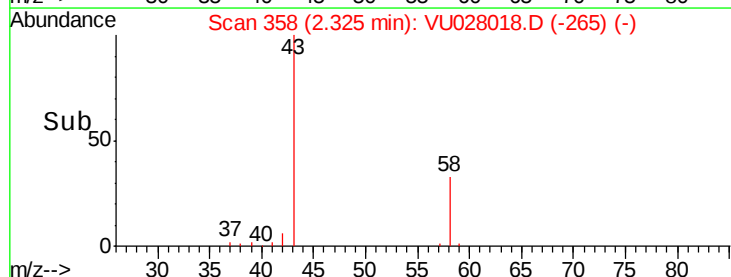
4000

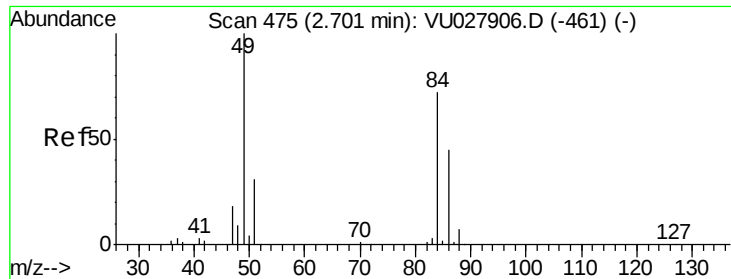
2000

0

2.30 2.35 2.40

Time-->

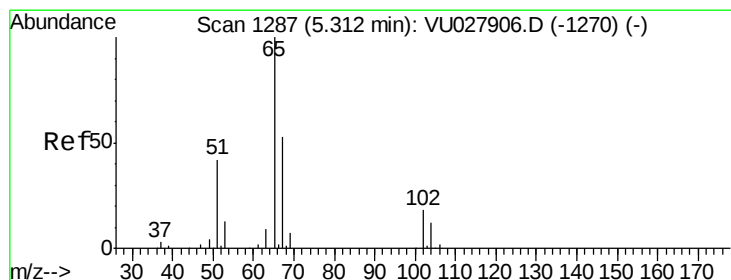
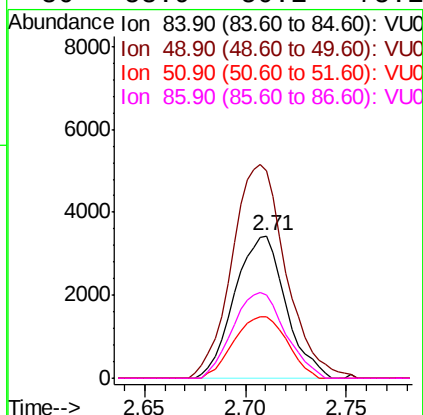
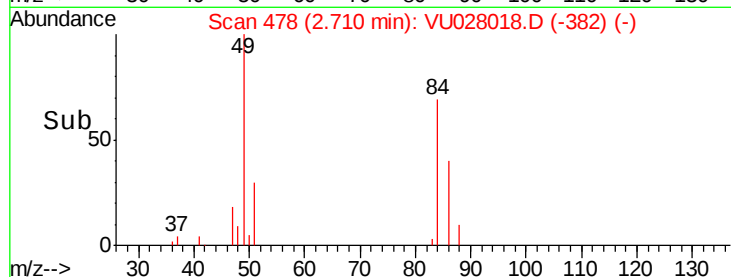
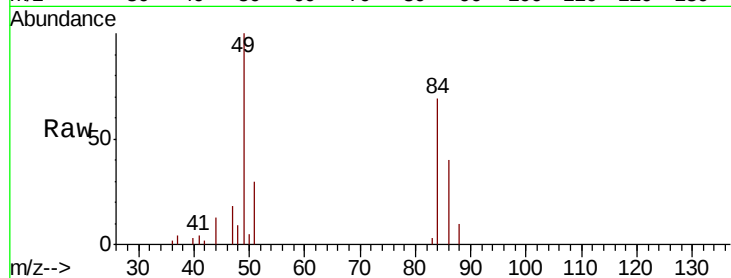




#20
Methylene Chloride
Concen: 2.426 ug/l
RT: 2.71 min Scan# 478
Delta R.T. 0.01 min
Lab File: VU028018.D
Acq: 08 Nov 2018 12:09

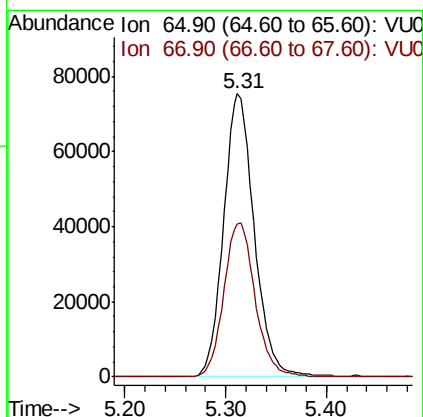
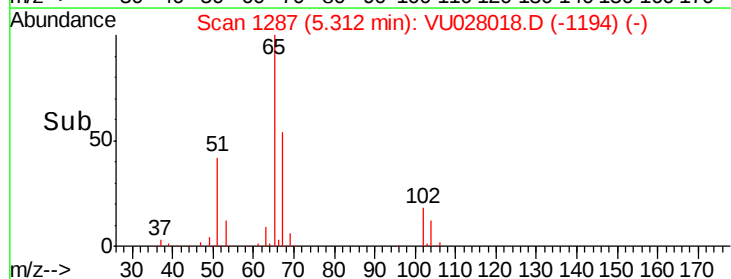
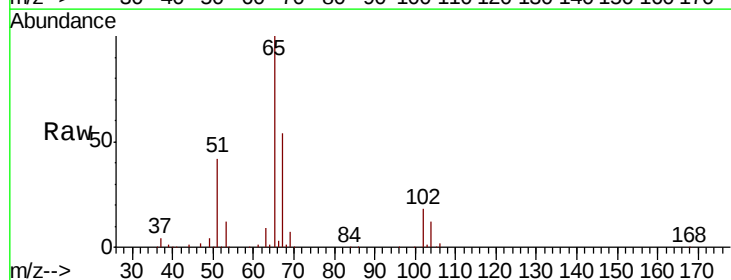
Instrument :
MSVOA_U
ClientSampleId :
PB114610ZHE#02

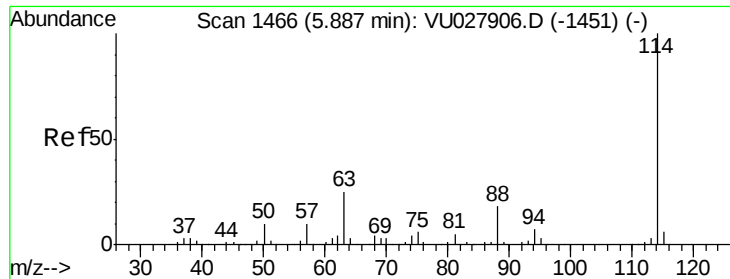
Tot Ion:	84	Resp:	6072
Ion	Ratio	Lower	Upper
84	100		
49	145.6	111.6	167.4
51	43.0	34.8	52.2
86	58.9	50.1	75.1



#33
1,2-Dichloroethane-d4
Concen: 57.861 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. -0.00 min
Lab File: VU028018.D
Acq: 08 Nov 2018 12:09

Tgt Ion:	65	Resp:	159839
Ion	Ratio	Lower	Upper
65	100		
67	55.6	0.0	109.0

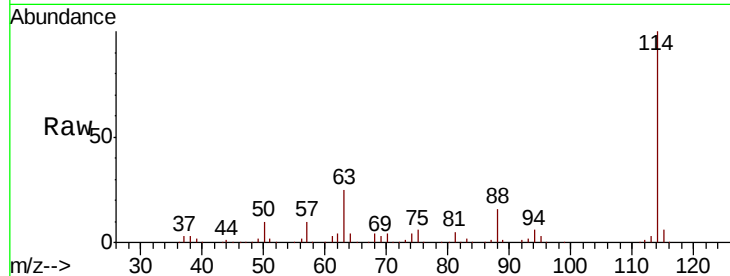




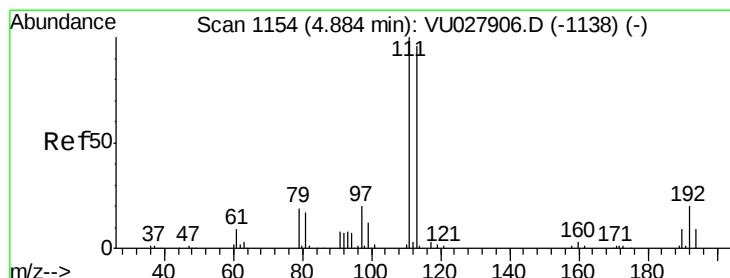
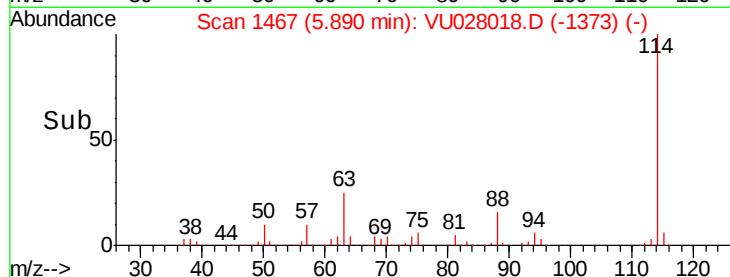
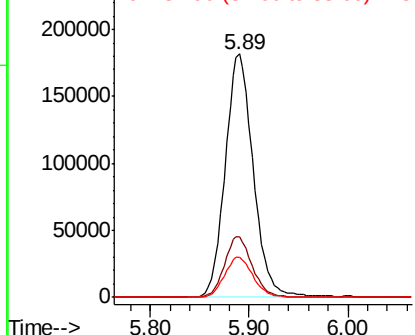
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU028018.D
 Acq: 08 Nov 2018 12:09

Instrument :
 MSVOA_U
 ClientSampleId :
 PB114610ZHE#02

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.6	0.0	50.8
88	16.4	0.0	35.8

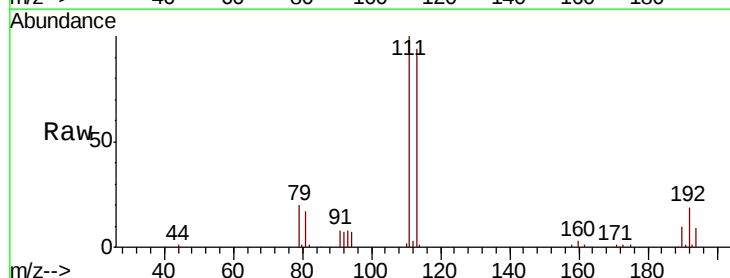


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

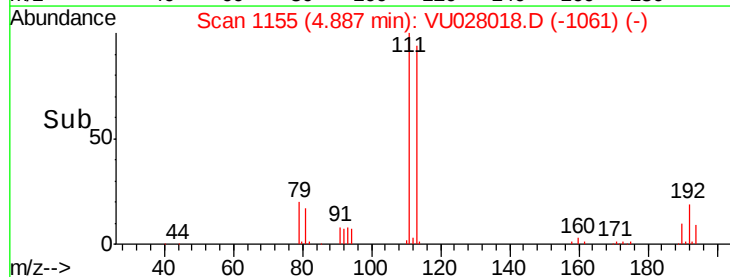
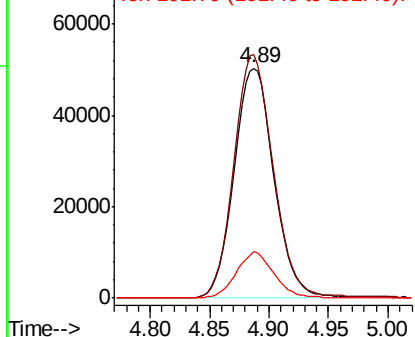


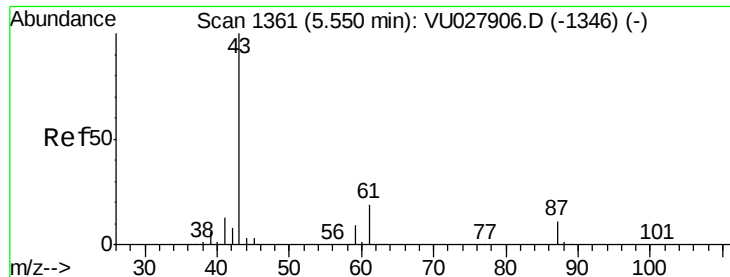
#35
 Dibromofluoromethane
 Concen: 51.121 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU028018.D
 Acq: 08 Nov 2018 12:09

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.8	83.0	124.6
192	19.0	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: 6.332 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VU028018.D

Acq: 08 Nov 2018 12:09

Instrument :

MSVOA_U

ClientSampleId :

PB114610ZHE#02

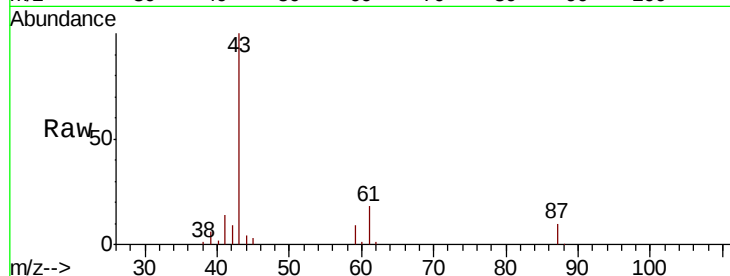
Tot Ion: 43 Resp: 55070

Ion Ratio Lower Upper

43 100

61 18.6 15.0 22.4

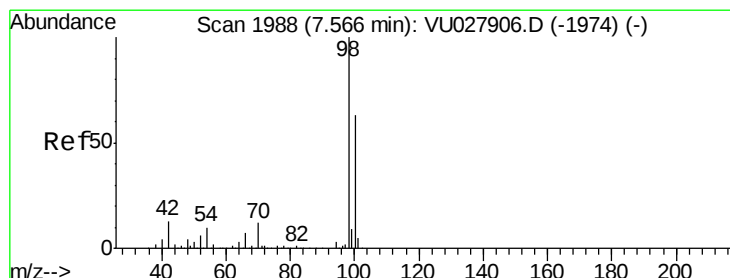
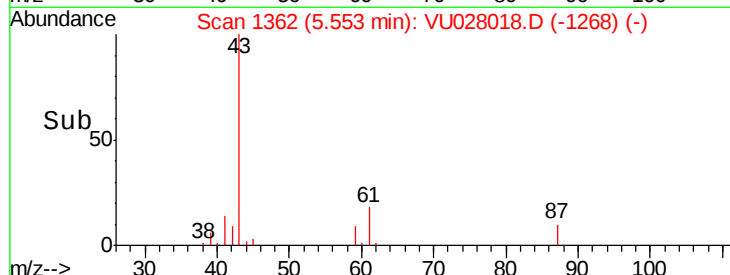
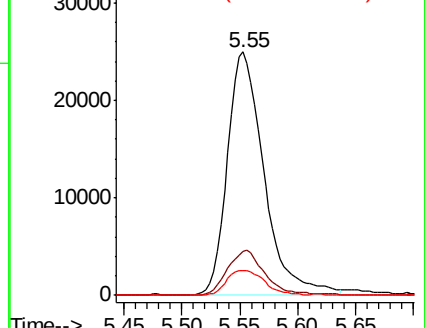
87 10.7 8.6 12.8



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: 53.977 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU028018.D

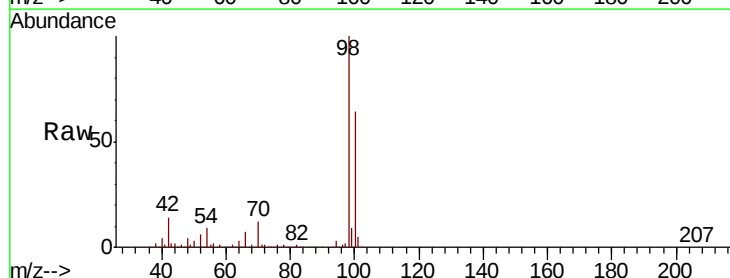
Acq: 08 Nov 2018 12:09

Tgt Ion: 98 Resp: 475596

Ion Ratio Lower Upper

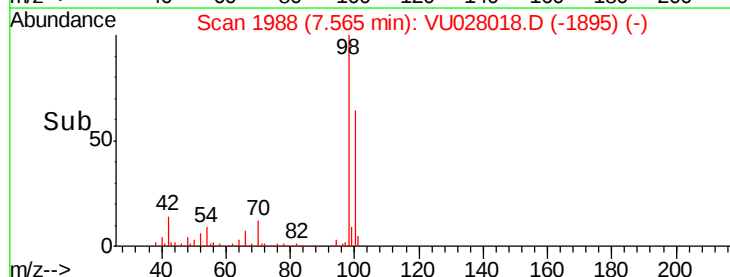
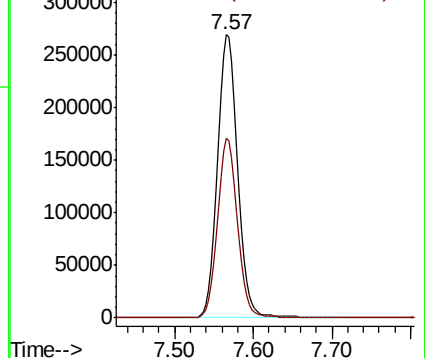
98 100

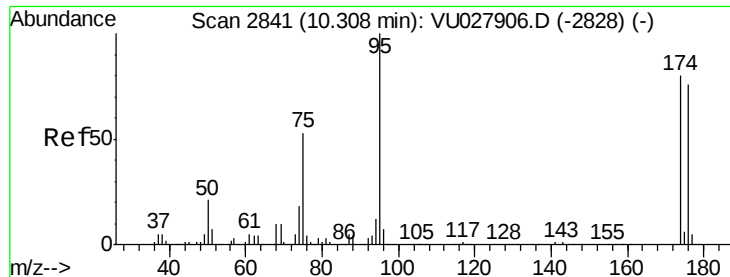
100 62.5 50.1 75.1



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: 48.872 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VU028018.D

Acq: 08 Nov 2018 12:09

Instrument :

MSVOA_U

ClientSampleId :

PB114610ZHE#02

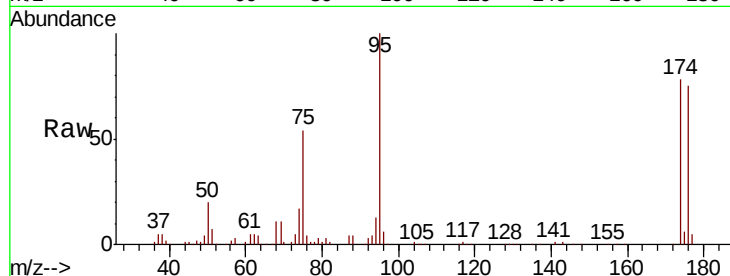
Tot Ion: 95 Resp: 158830

Ion Ratio Lower Upper

95 100

174 77.1 0.0 156.4

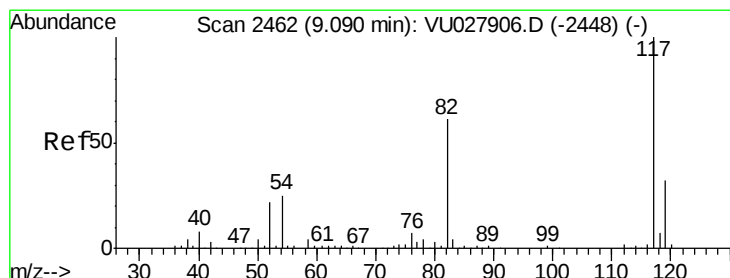
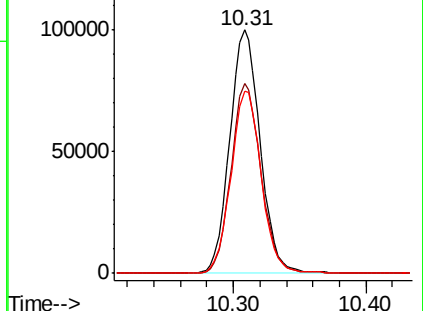
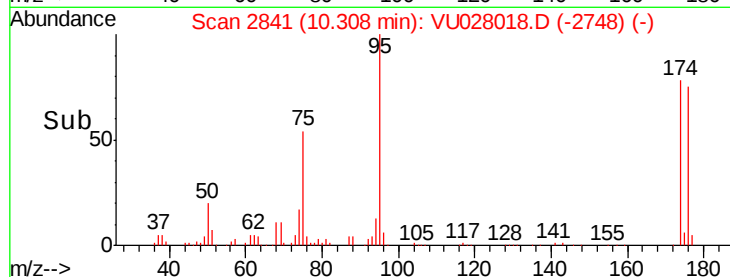
176 74.9 0.0 150.8



Abundance Ion 94.90 (94.60 to 95.60): VU028018.D (-2748) (-)

Ion 173.80 (173.50 to 174.50): VU028018.D (-2748) (-)

Ion 175.80 (175.50 to 176.50): VU028018.D (-2748) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. -0.00 min

Lab File: VU028018.D

Acq: 08 Nov 2018 12:09

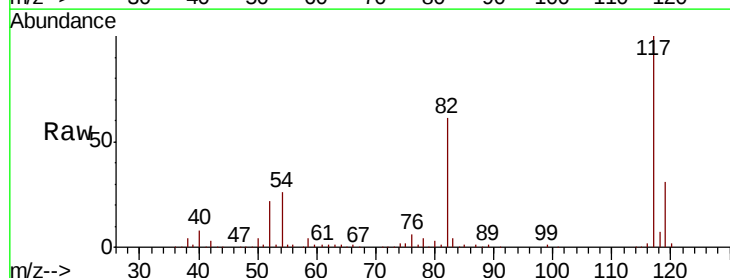
Tgt Ion: 117 Resp: 329041

Ion Ratio Lower Upper

117 100

82 60.7 48.6 73.0

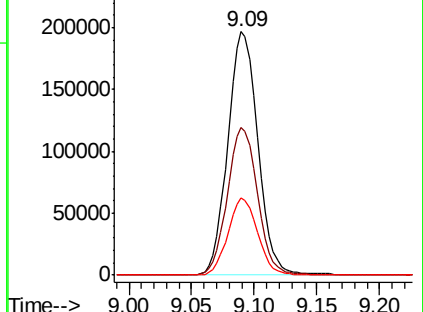
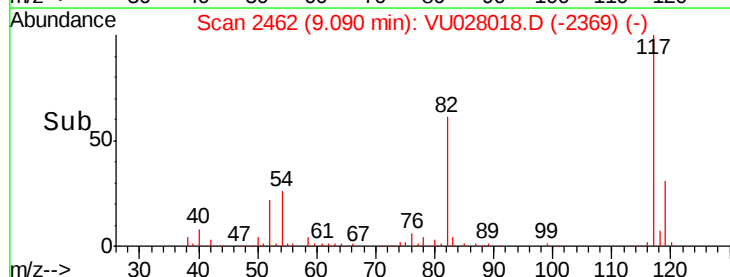
119 31.5 25.8 38.8

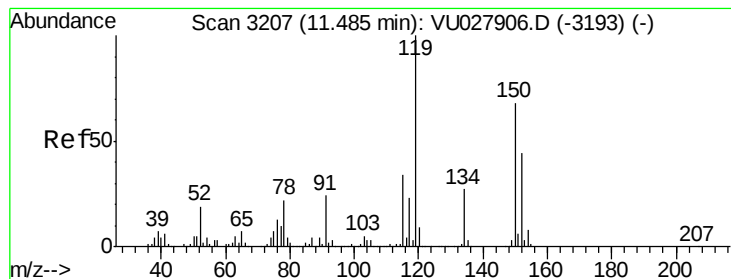


Abundance Ion 116.90 (116.60 to 117.60): VU028018.D (-2369) (-)

Ion 82.00 (81.70 to 82.70): VU028018.D (-2369) (-)

Ion 118.90 (118.60 to 119.60): VU028018.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: VU028018.D

Acq: 08 Nov 2018 12:09

Instrument :

MSVOA_U

ClientSampleId :

PB114610ZHE#02

Tot Ion:152 Resp: 138234

Ion Ratio Lower Upper

152 100

115 60.1 43.0 129.0

150 156.2 0.0 349.4

