

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110818\
 Data File : VU028021.D
 Acq On : 08 Nov 2018 13:18
 Operator : MD/SY
 Sample : PB114610ZHE#05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB114610ZHE#05

Quant Time: Nov 08 13:50:54 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

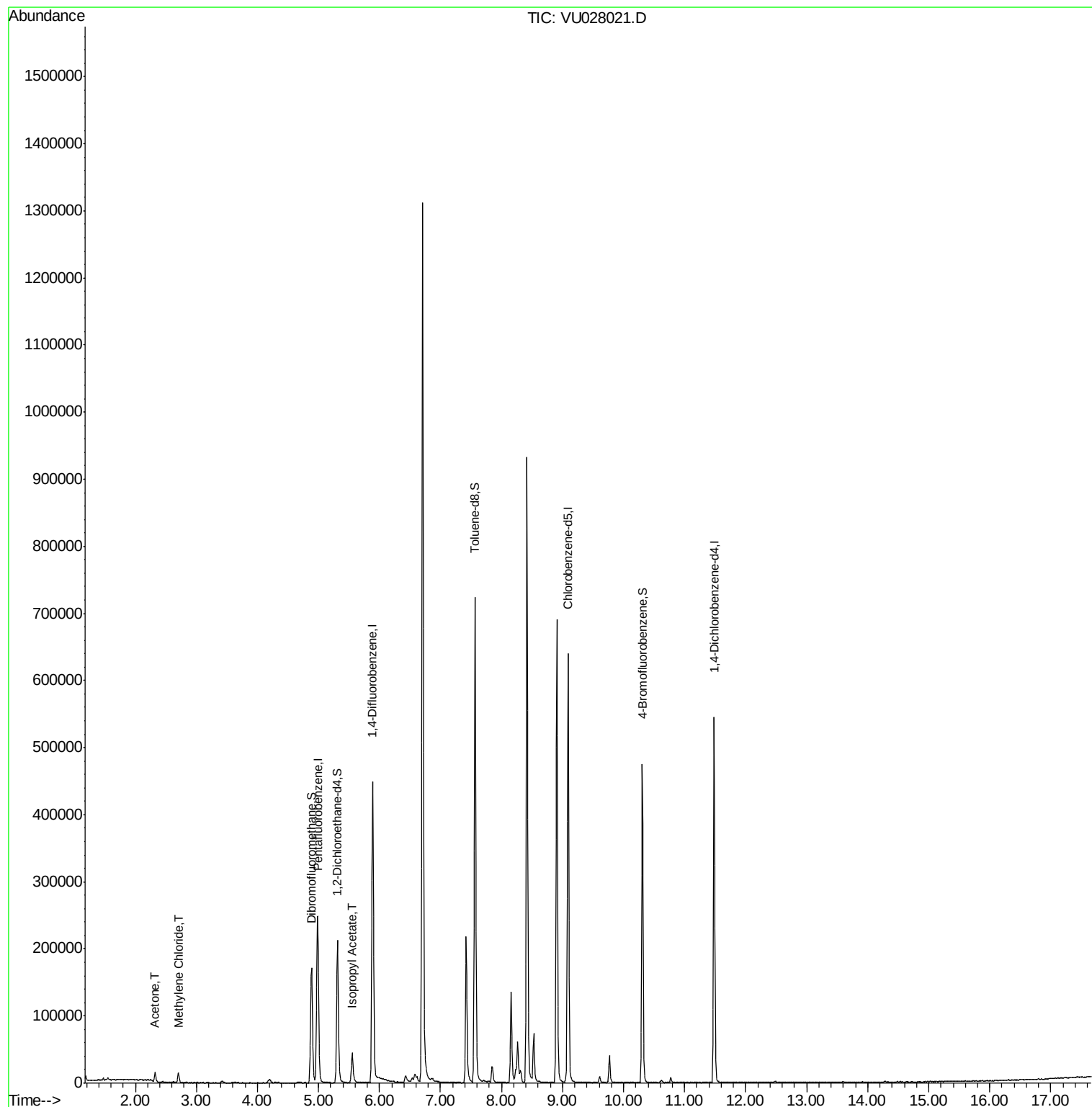
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	185892	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	364315	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	326907	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	134247	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	164075	59.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.74%	
35) Dibromofluoromethane	4.89	113	117548	51.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.34%	
50) Toluene-d8	7.57	98	476941	53.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.50%	
62) 4-Bromofluorobenzene	10.31	95	155081	47.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.76%	
Target Compounds						
16) Acetone	2.32	43	14519	8.467	ug/l	98
20) Methylene Chloride	2.71	84	5881	2.349	ug/l	90
43) Isopropyl Acetate	5.55	43	53350	6.091	ug/l	99

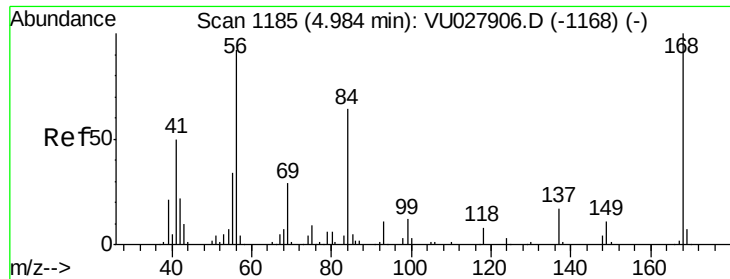
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Nov 02 02:28:20 2018
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: VU028021.D

Acq: 08 Nov 2018 13:18

Instrument :

MSVOA_U

ClientSampleId :

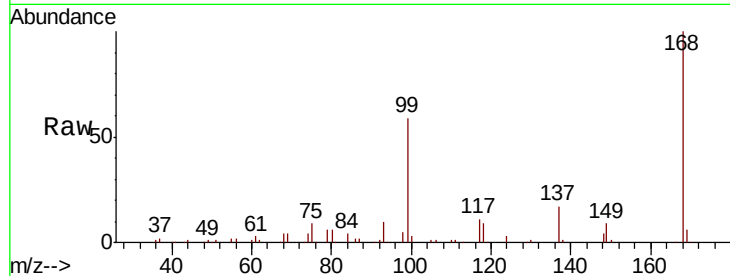
PB114610ZHE#05

Tot Ion:168 Resp: 185892

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

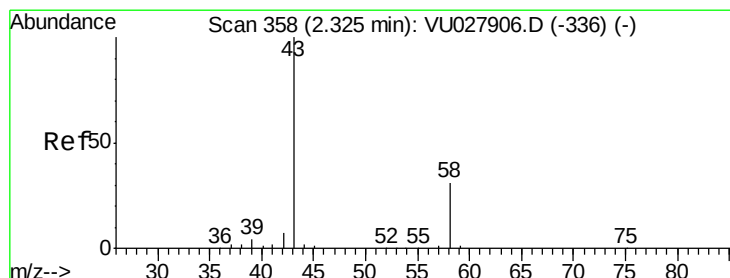
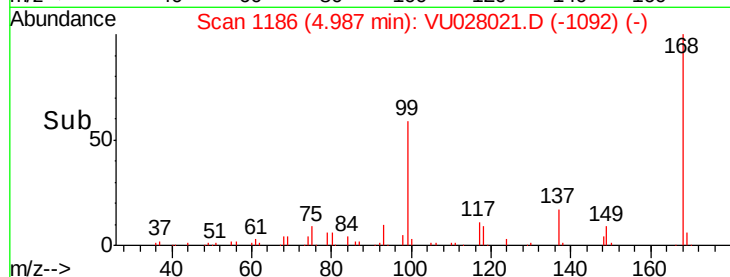
40000

20000

0

4.90 4.95 5.00 5.05

Time-->



#16

Acetone

Concen: 8.467 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU028021.D

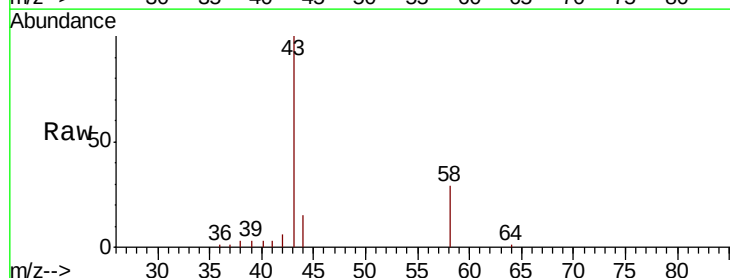
Acq: 08 Nov 2018 13:18

Tgt Ion: 43 Resp: 14519

Ion Ratio Lower Upper

43 100

58 29.6 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

10000

8000

6000

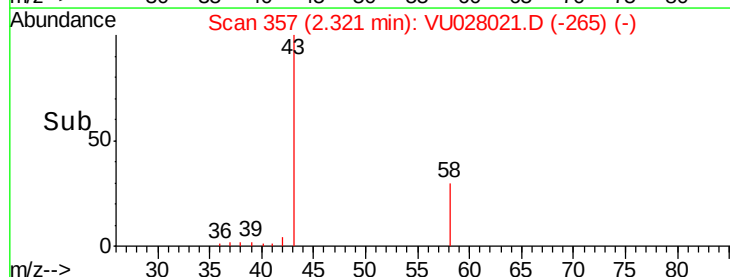
4000

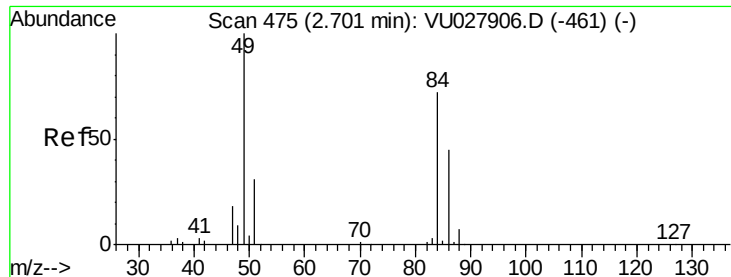
2000

0

2.30 2.35

Time-->

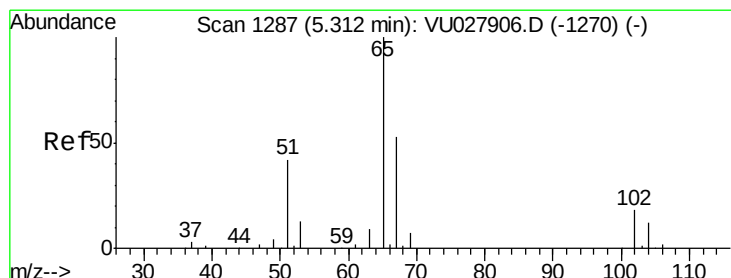
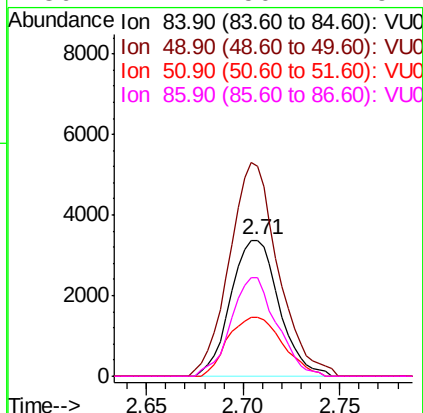
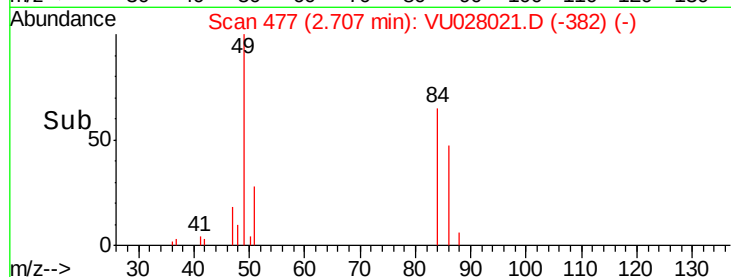
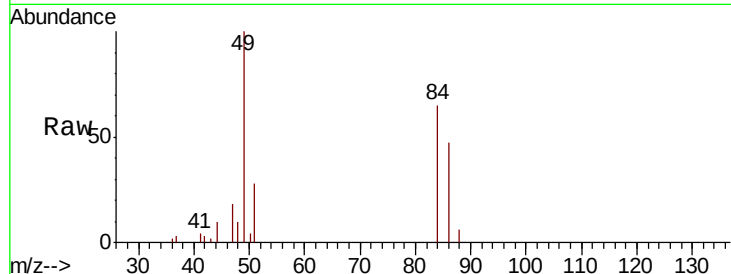




#20
Methylene Chloride
Concen: 2.349 ug/l
RT: 2.71 min Scan# 477
Delta R.T. 0.01 min
Lab File: VU028021.D
Acq: 08 Nov 2018 13:18

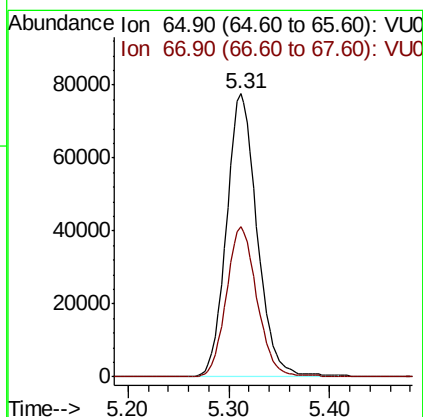
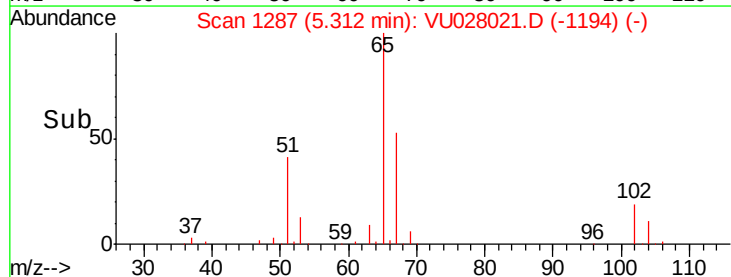
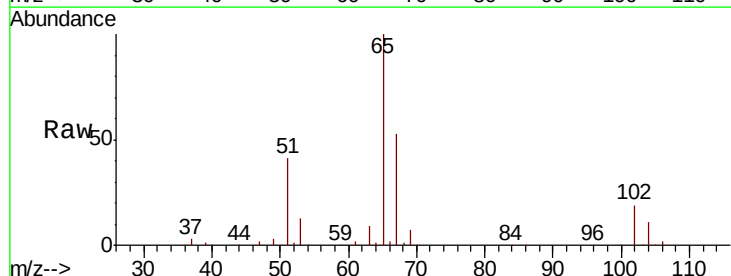
Instrument :
MSVOA_U
ClientSampleId :
PB114610ZHE#05

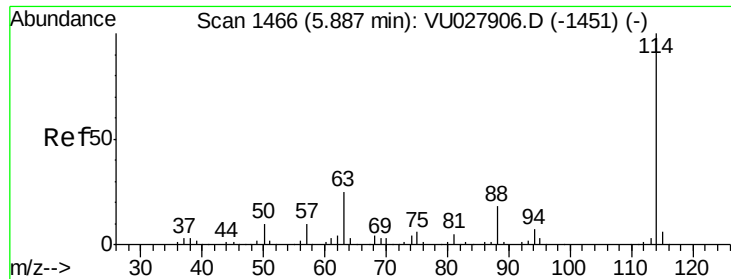
Tot Ion: 84 Resp: 5881
Ion Ratio Lower Upper
84 100
49 154.7 111.6 167.4
51 43.0 34.8 52.2
86 72.4 50.1 75.1



#33
1,2-Dichloroethane-d4
Concen: 59.367 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU028021.D
Acq: 08 Nov 2018 13:18

Tgt Ion: 65 Resp: 164075
Ion Ratio Lower Upper
65 100
67 53.3 0.0 109.0

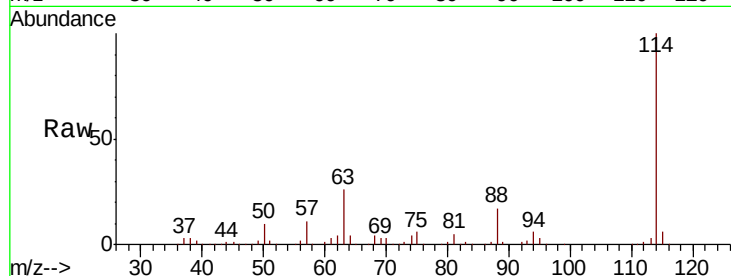




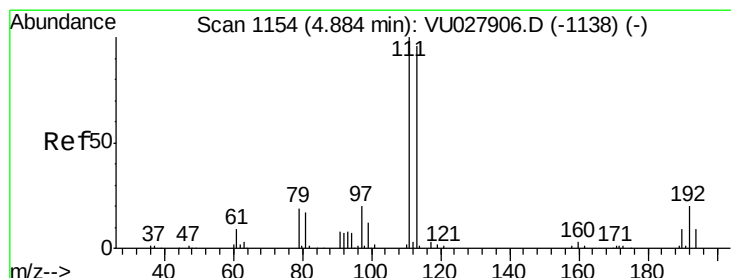
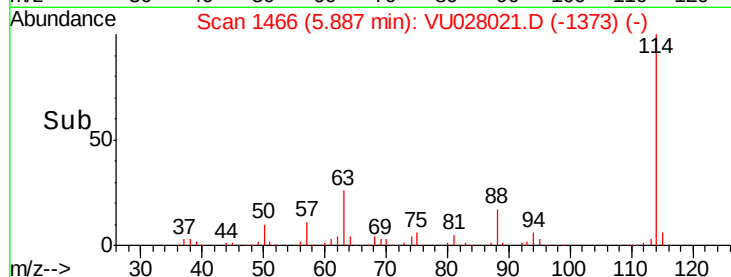
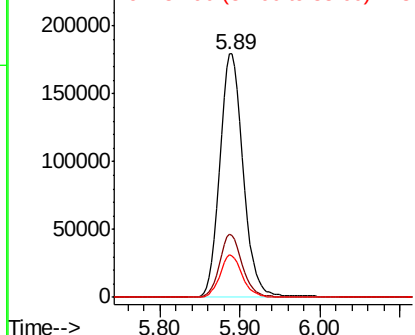
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028021.D
 Acq: 08 Nov 2018 13:18

Instrument :
 MSVOA_U
 ClientSampleId :
 PB114610ZHE#05

Tot Ion	Ratio	Lower	Upper
114	100		
63	26.2	0.0	50.8
88	17.4	0.0	35.8

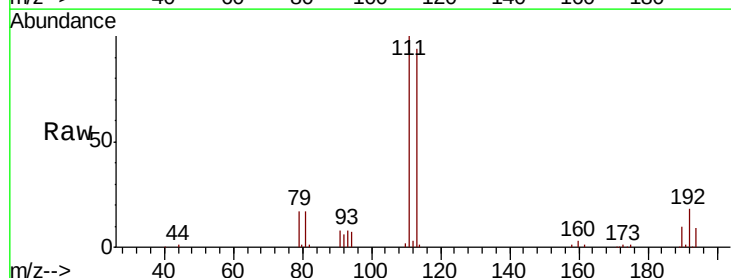


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

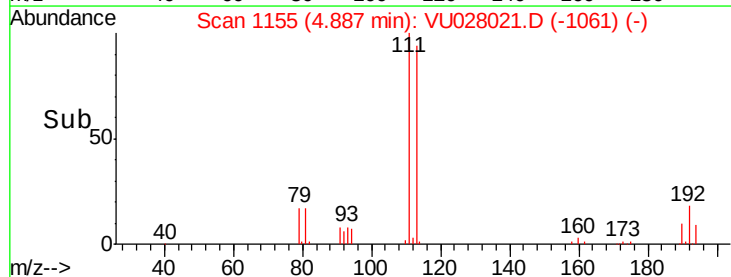
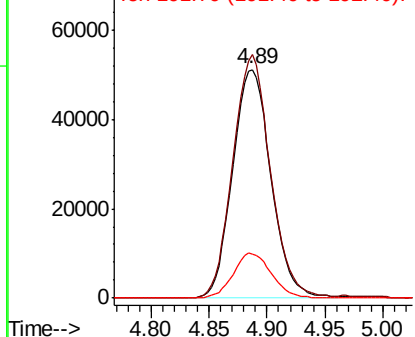


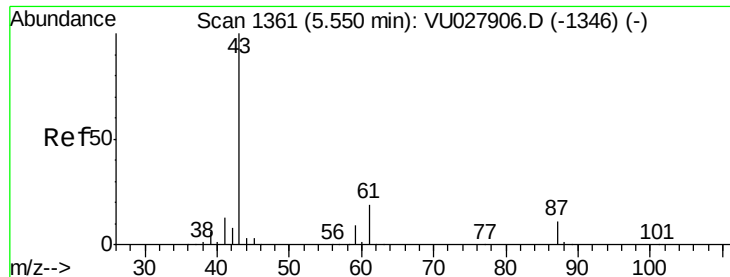
#35
 Dibromofluoromethane
 Concen: 51.173 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU028021.D
 Acq: 08 Nov 2018 13:18

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.4	83.0	124.6
192	19.5	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

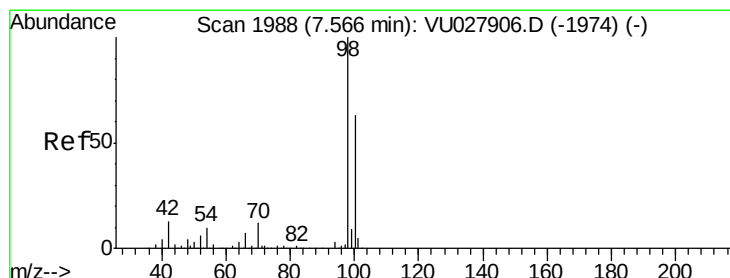
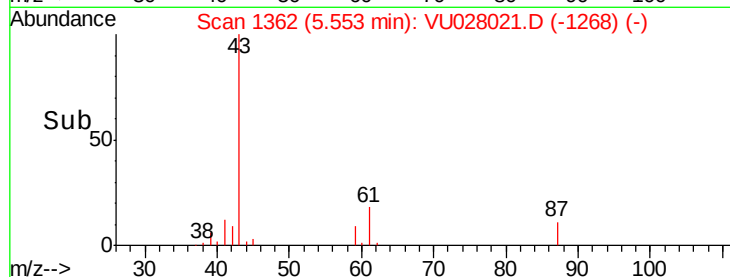
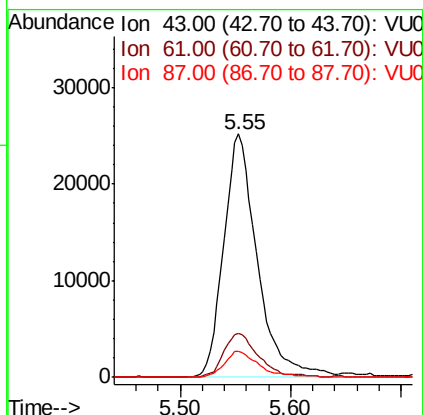
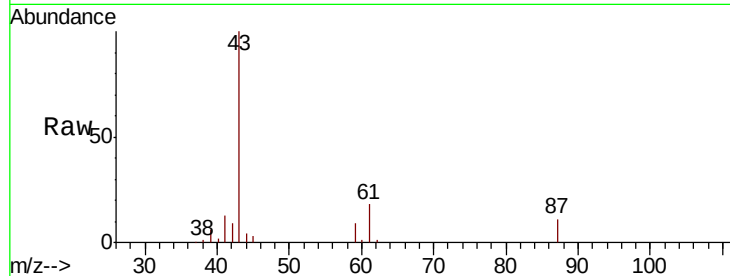




#43
Isopropyl Acetate
Concen: 6.091 ug/l
RT: 5.55 min Scan# 1362
Delta R.T. 0.00 min
Lab File: VU028021.D
Acq: 08 Nov 2018 13:18

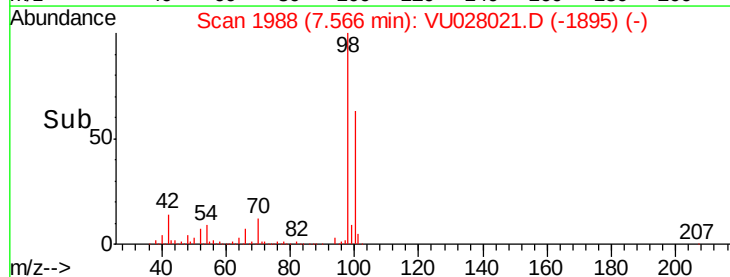
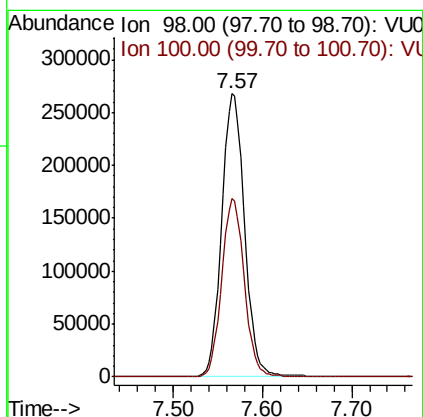
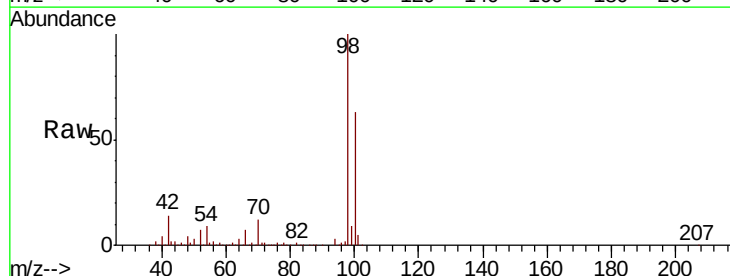
Instrument :
MSVOA_U
ClientSampleId :
PB114610ZHE#05

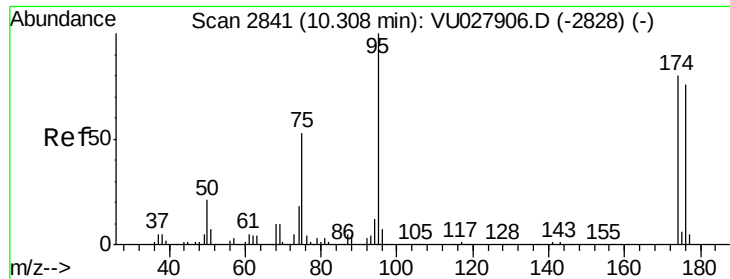
Tot Ion	Ratio	Lower	Upper
43	100		
61	18.2	15.0	22.4
87	10.8	8.6	12.8



#50
Toluene-d8
Concen: 53.750 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU028021.D
Acq: 08 Nov 2018 13:18

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.0	50.1	75.1

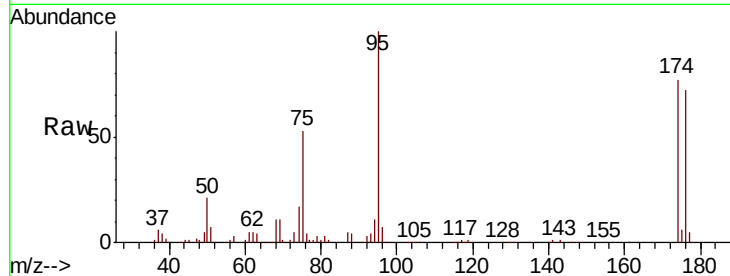




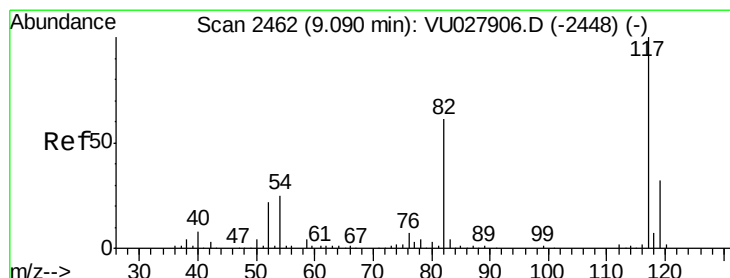
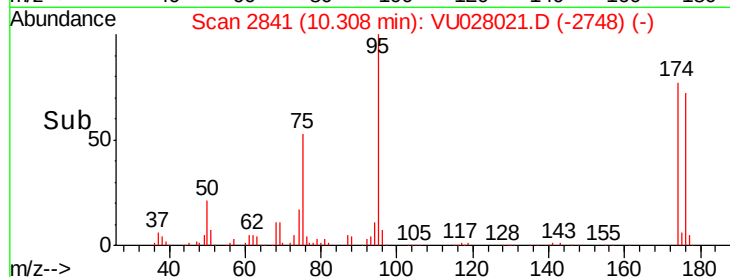
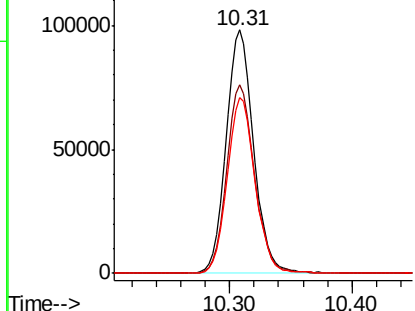
#62
4-Bromofluorobenzene
Concen: 47.384 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU028021.D
Acq: 08 Nov 2018 13:18

Instrument :
MSVOA_U
ClientSampleId :
PB114610ZHE#05

Tot Ion: 95 Resp: 155081
Ion Ratio Lower Upper
95 100
174 78.2 0.0 156.4
176 73.2 0.0 150.8

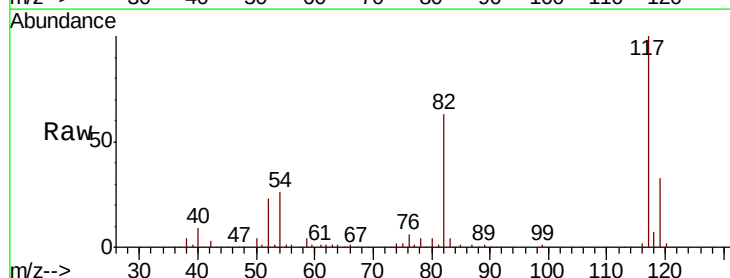


Abundance Ion 94.90 (94.60 to 95.60): VU027906.D (-2828) (-)
Ion 173.80 (173.50 to 174.50): VU027906.D (-2828) (-)
Ion 175.80 (175.50 to 176.50): VU027906.D (-2828) (-)

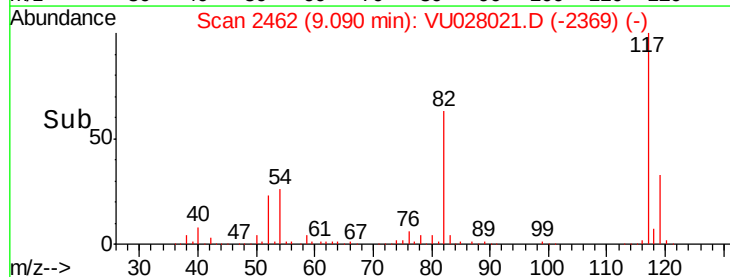
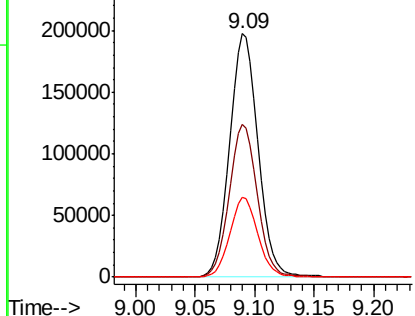


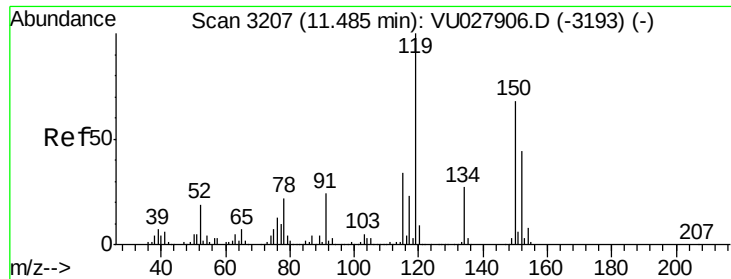
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU028021.D
Acq: 08 Nov 2018 13:18

Tgt Ion: 117 Resp: 326907
Ion Ratio Lower Upper
117 100
82 62.9 48.6 73.0
119 32.9 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: VU028021.D

Acq: 08 Nov 2018 13:18

Instrument :

MSVOA_U

ClientSampleId :

PB114610ZHE#05

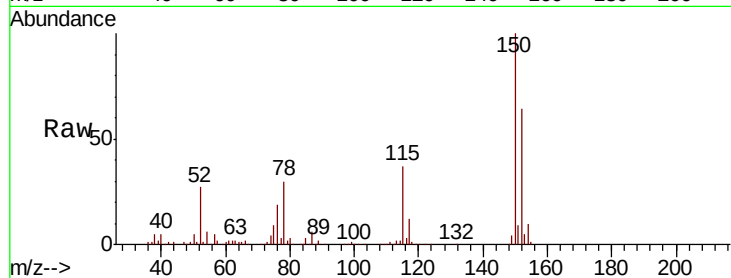
Tot Ion:152 Resp: 134247

Ion Ratio Lower Upper

152 100

115 59.1 43.0 129.0

150 159.4 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

