

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111318\
 Data File : VU028106.D
 Acq On : 13 Nov 2018 20:55
 Operator : MD/SY
 Sample : J5908-12
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SR-4-S

Quant Time: Nov 14 08:10:54 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

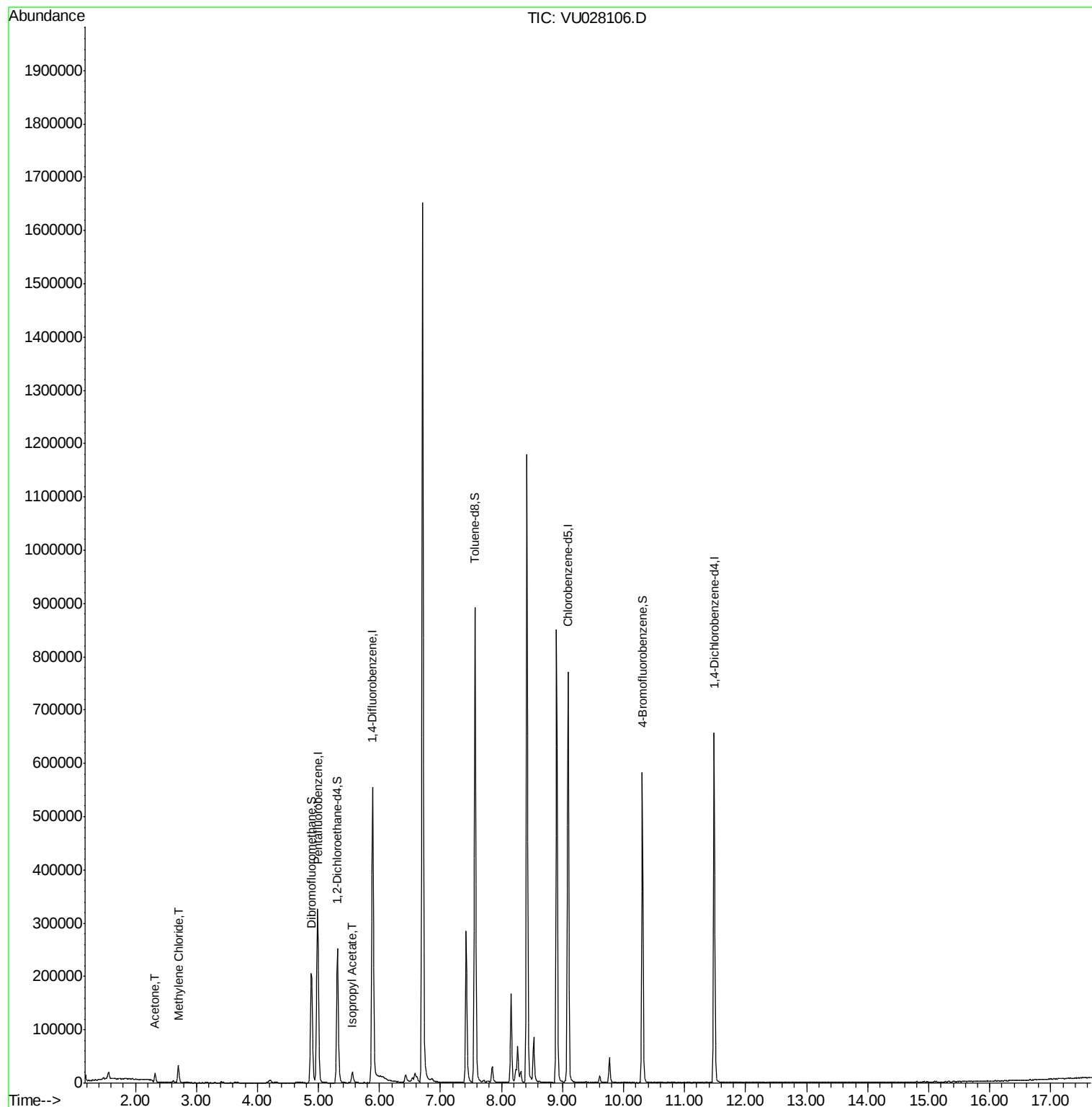
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	247231	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	447394	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	404191	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	165922	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	192908	52.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.96%	
35) Dibromofluoromethane	4.88	113	145796	51.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.36%	
50) Toluene-d8	7.57	98	575963	52.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.72%	
62) 4-Bromofluorobenzene	10.31	95	192968	48.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.02%	
Target Compounds						
16) Acetone	2.32	43	17945	7.869	ug/l	100
20) Methylene Chloride	2.70	84	14167	4.255	ug/l	91
43) Isopropyl Acetate	5.56	43	25040	2.328	ug/l	97

(#) = 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: VU028106.D

Acq: 13 Nov 2018 20:55

Instrument :

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ClientSampleId :

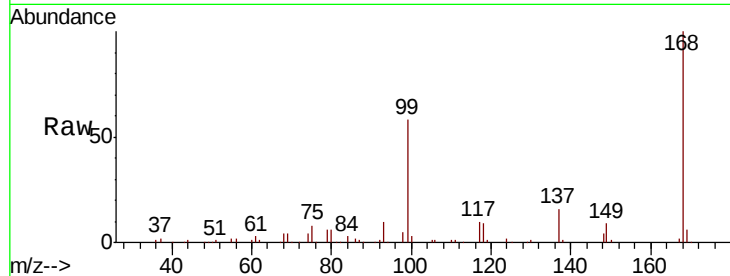
SR-4-S

Tot Ion:168 Resp: 247231

Ion Ratio Lower Upper

168 100

99 58.0 47.9 71.9



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

Ion 98.90 (98.60 to 99.60): VU028106.D (-1092) (-)

4.99

120000

100000

80000

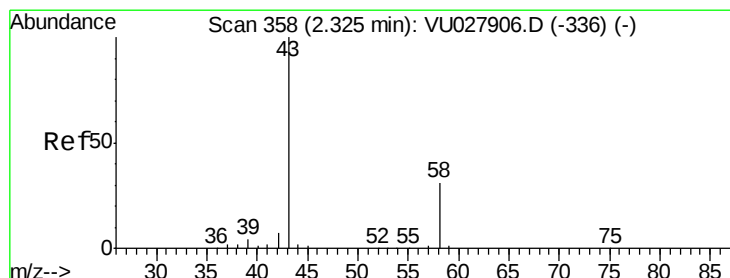
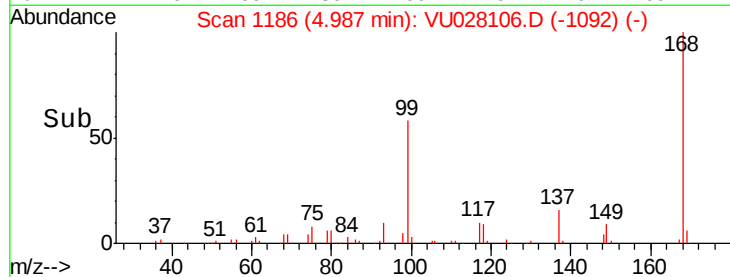
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 7.869 ug/l

RT: 2.32 min Scan# 358

Delta R.T. -0.00 min

Lab File: VU028106.D

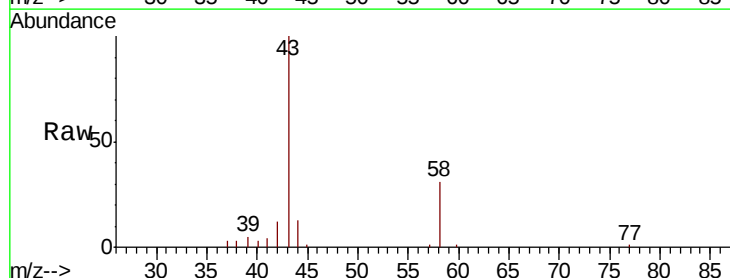
Acq: 13 Nov 2018 20:55

Tgt Ion: 43 Resp: 17945

Ion Ratio Lower Upper

43 100

58 30.8 24.6 37.0



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

Ion 58.00 (57.70 to 58.70): VU028106.D (-265) (-)

2.32

12000

10000

8000

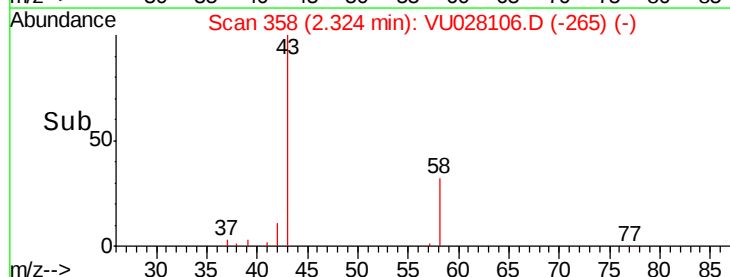
6000

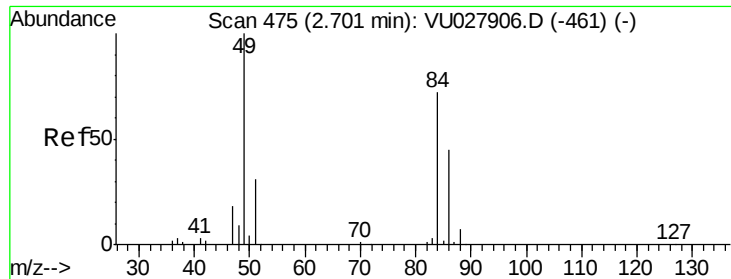
4000

2000

0

Time-->

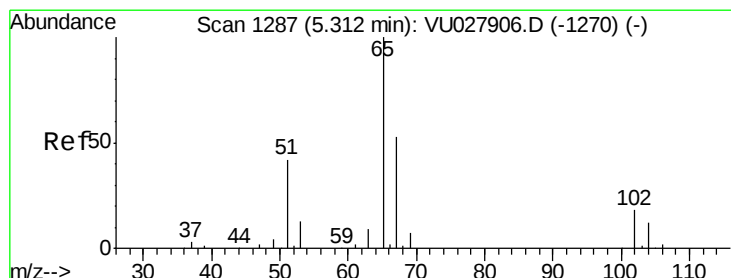
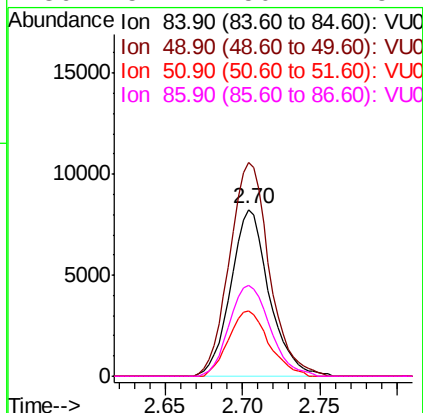
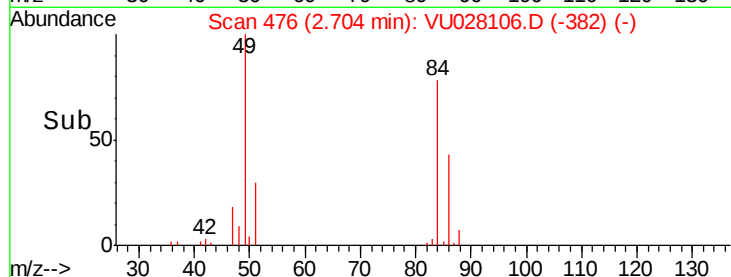
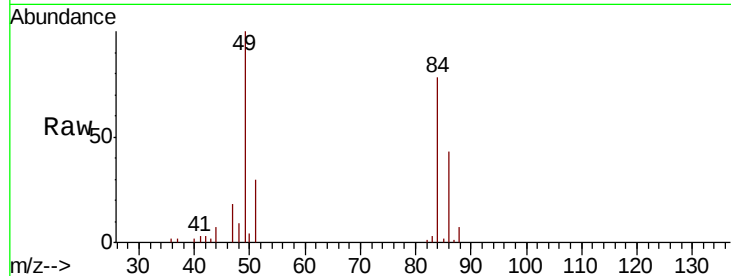




#20
Methvlene Chloride
Concen: 4.255 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU028106.D
Acq: 13 Nov 2018 20:55

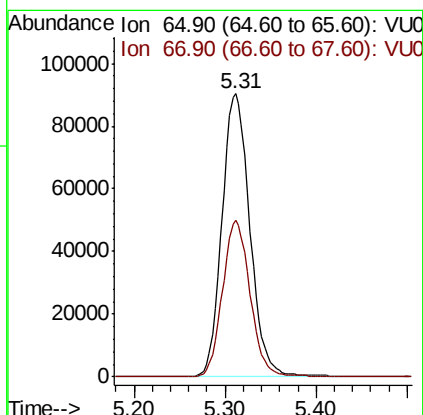
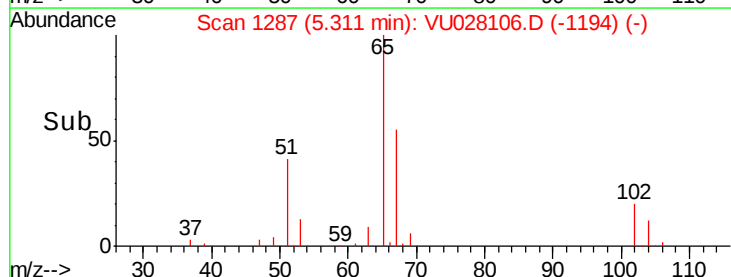
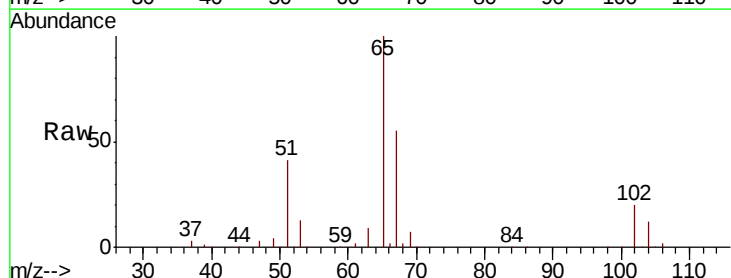
Instrument :
MSVOA_U
ClientSampleId :
SR-4-S

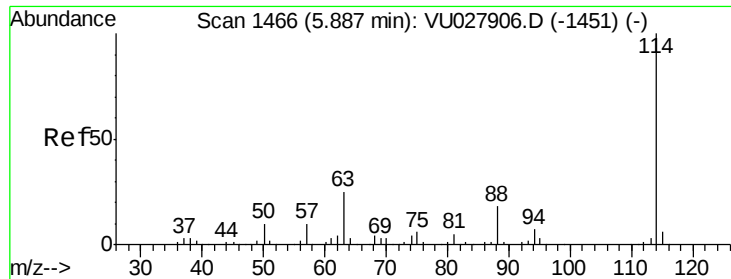
Tot Ion: 84 Resp: 14167
Ion Ratio Lower Upper
84 100
49 127.9 111.6 167.4
51 38.7 34.8 52.2
86 54.4 50.1 75.1



#33
1,2-Dichloroethane-d4
Concen: 52.482 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. -0.00 min
Lab File: VU028106.D
Acq: 13 Nov 2018 20:55

Tgt Ion: 65 Resp: 192908
Ion Ratio Lower Upper
65 100
67 54.4 0.0 109.0

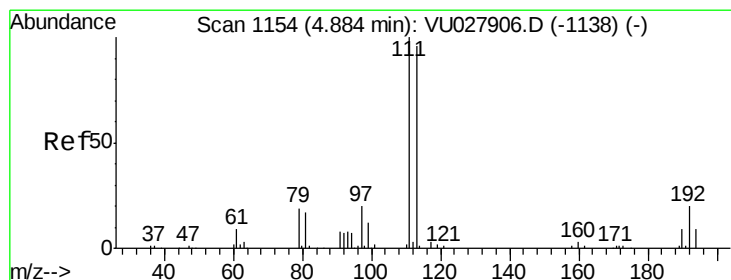
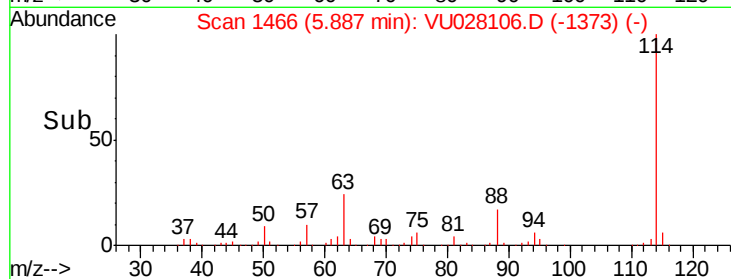
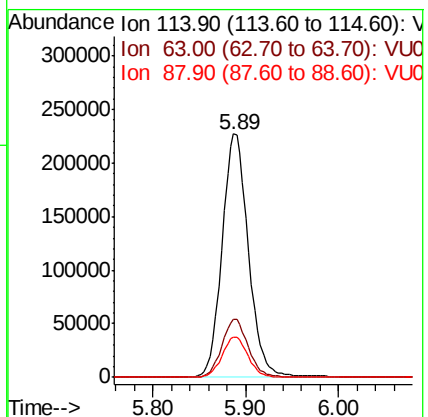
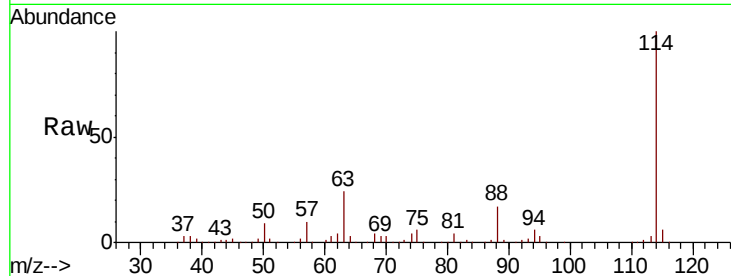




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU028106.D
 Acq: 13 Nov 2018 20:55

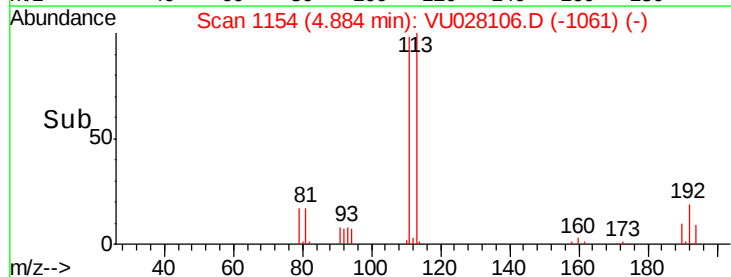
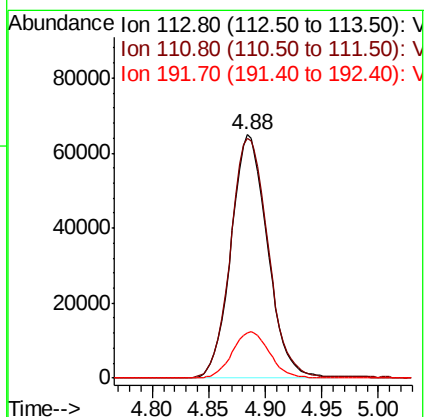
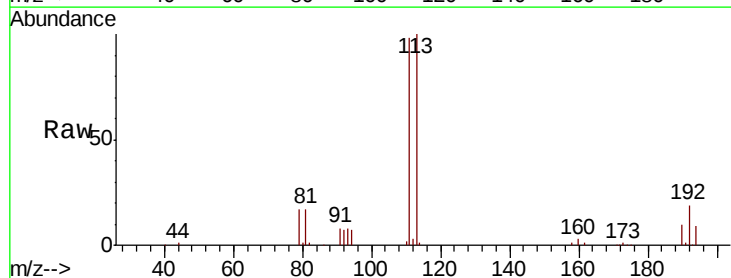
Instrument :
 MSVOA_U
 ClientSampleId :
 SR-4-S

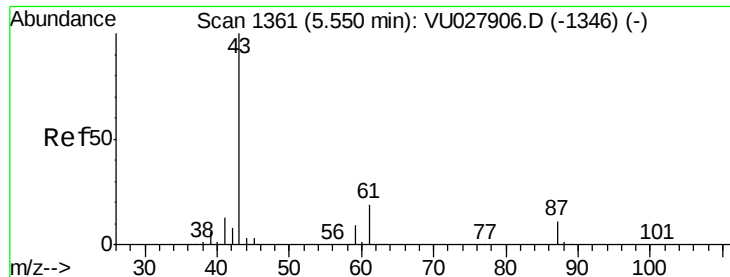
Tot Ion:114 Resp: 447394
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 50.8
 88 16.6 0.0 35.8



#35
 Dibromofluoromethane
 Concen: 51.684 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: VU028106.D
 Acq: 13 Nov 2018 20:55

Tgt Ion:113 Resp: 145796
 Ion Ratio Lower Upper
 113 100
 111 101.5 83.0 124.6
 192 19.5 15.6 23.4





#43

Isopropyl Acetate

Concen: 2.328 ug/l

RT: 5.56 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VU028106.D

Acq: 13 Nov 2018 20:55

Instrument :

MSVOA_U

ClientSampleId :

SR-4-S

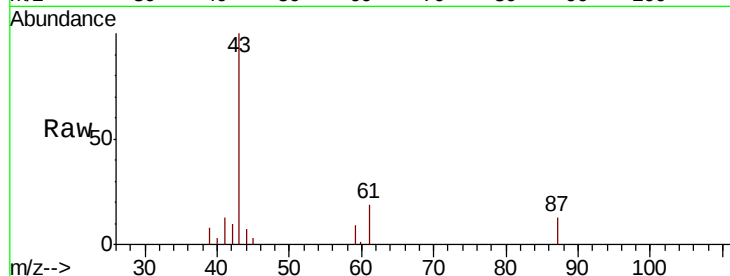
Tot Ion: 43 Resp: 25040

Ion Ratio Lower Upper

43 100

61 20.0 15.0 22.4

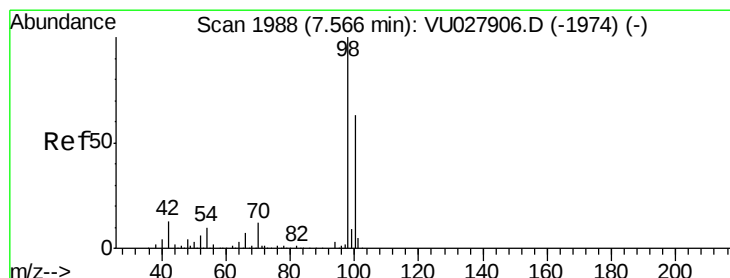
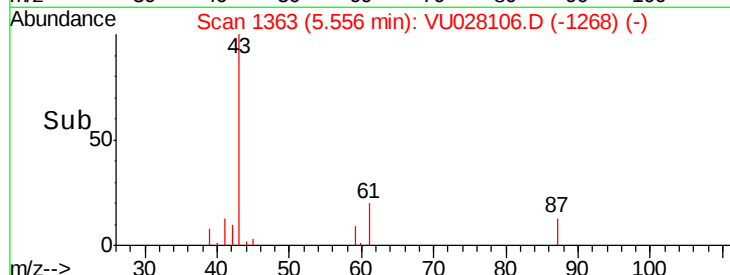
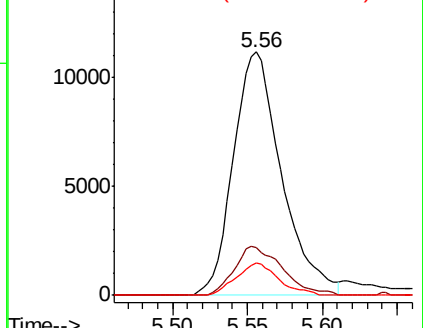
87 11.7 8.6 12.8



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: 52.856 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU028106.D

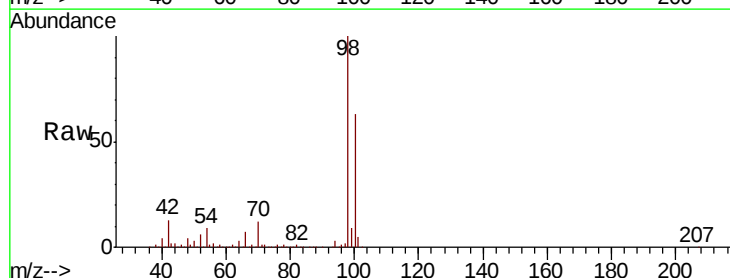
Acq: 13 Nov 2018 20:55

Tgt Ion: 98 Resp: 575963

Ion Ratio Lower Upper

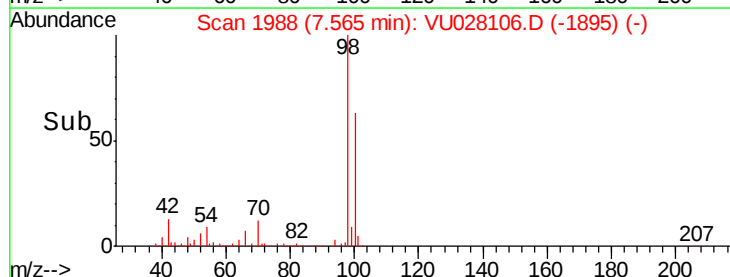
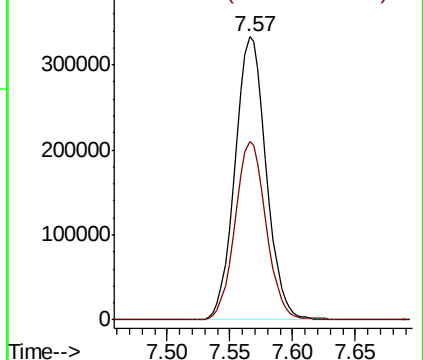
98 100

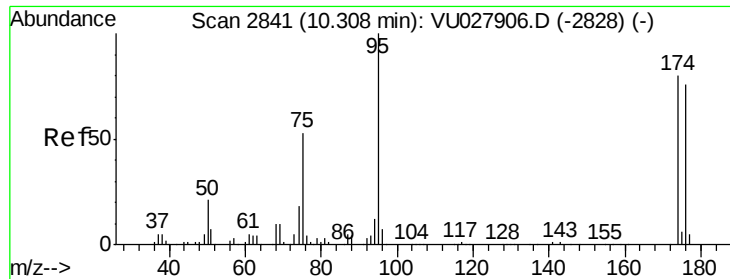
100 62.9 50.1 75.1



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

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

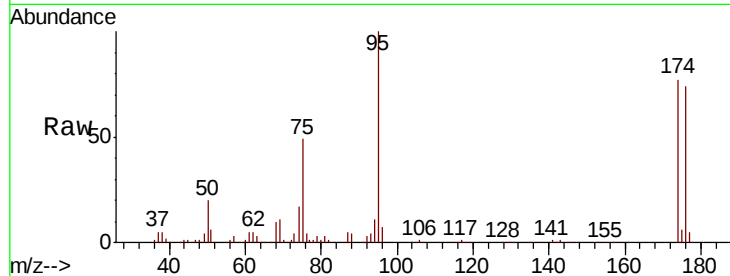




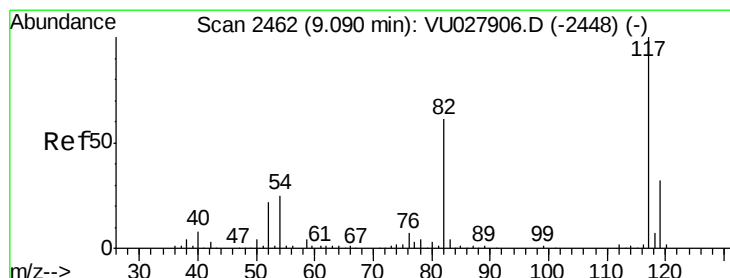
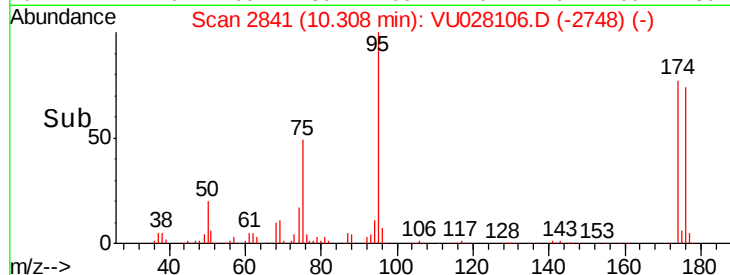
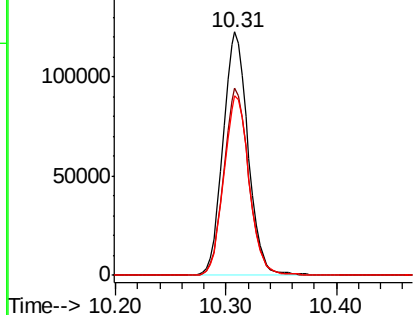
#62
4-Bromofluorobenzene
Concen: 48.011 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VU028106.D
Acq: 13 Nov 2018 20:55

Instrument :
MSVOA_U
ClientSampleId :
SR-4-S

Tot Ion: 95 Resp: 192968
Ion Ratio Lower Upper
95 100
174 76.5 0.0 156.4
176 74.6 0.0 150.8

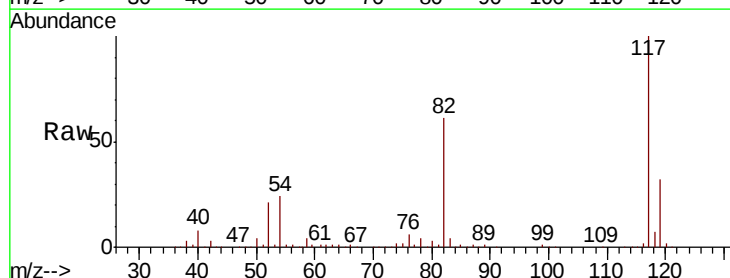


Abundance Ion 94.90 (94.60 to 95.60): VU027906.D (-2828) (-)
Ion 173.80 (173.50 to 174.50): VU027906.D (-2828) (-)
Ion 175.80 (175.50 to 176.50): VU027906.D (-2828) (-)

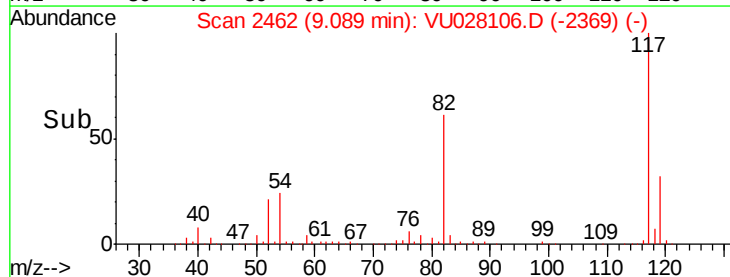
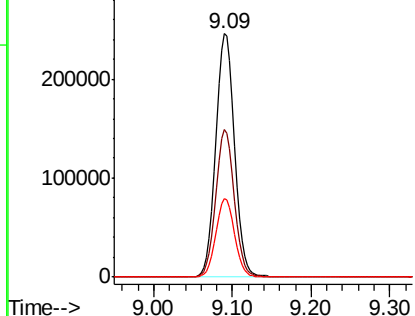


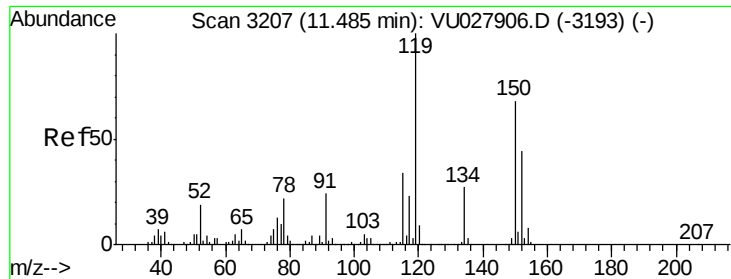
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028106.D
Acq: 13 Nov 2018 20:55

Tgt Ion: 117 Resp: 404191
Ion Ratio Lower Upper
117 100
82 60.8 48.6 73.0
119 32.2 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: VU028106.D

Acq: 13 Nov 2018 20:55

Instrument :

MSVOA_U

ClientSampleId :

SR-4-S

Tot Ion:152 Resp: 165922

Ion Ratio Lower Upper

152 100

115 59.6 43.0 129.0

150 156.6 0.0 349.4

