

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110218\
 Data File : VU027920.D
 Acq On : 02 Nov 2018 12:53
 Operator : MD/SY
 Sample : J5755-13
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TP-2A

Quant Time: Nov 03 04:58:33 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

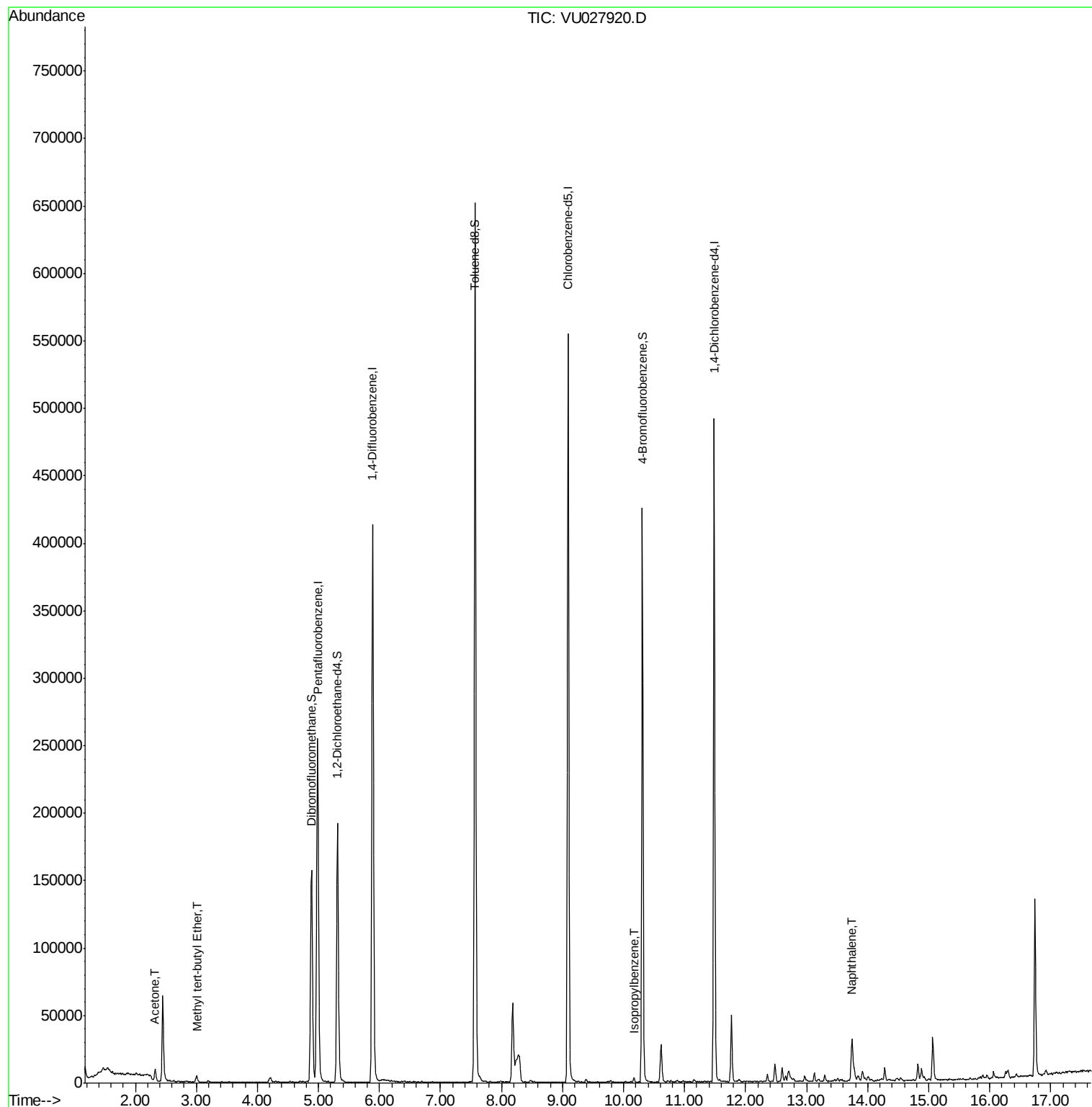
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	192641	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	338106	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	292726	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	120433	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	148799	51.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.90%	
35) Dibromofluoromethane	4.89	113	108133	50.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.44%	
50) Toluene-d8	7.57	98	425651	51.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.38%	
62) 4-Bromofluorobenzene	10.31	95	140017	46.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.20%	
Target Compounds						
16) Acetone	2.32	43	8275	4.657	ug/l	94
19) Methyl tert-butyl Ether	3.00	73	4648	0.571	ug/l	99
73) Isopropylbenzene	10.17	105	2661	0.285	ug/l	95
95) Naphthalene	13.75	128	19691	1.818	ug/l	96

(#) = 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: VU027920.D

Acq: 02 Nov 2018 12:53

Instrument :

MSVOA_U

ClientSampleId :

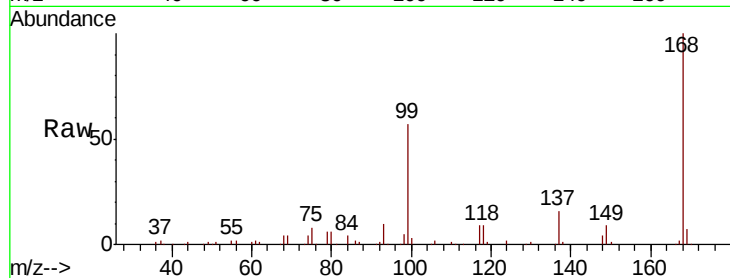
TP-2A

Tot Ion:168 Resp: 192641

Ion Ratio Lower Upper

168 100

99 57.3 47.9 71.9



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

Ion 98.90 (98.60 to 99.60): VU027920.D (-1092) (-)

4.99

80000

60000

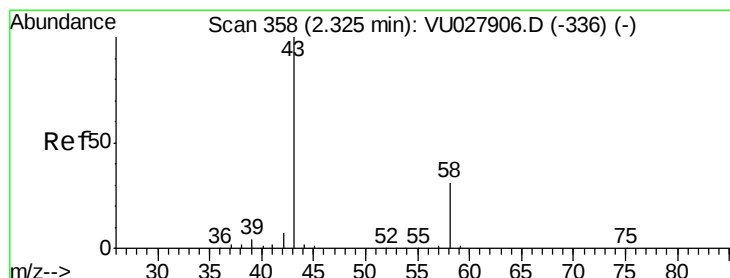
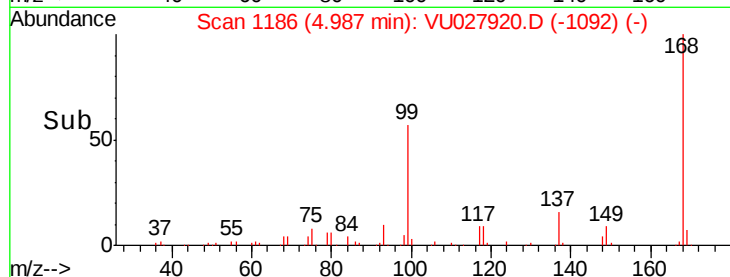
40000

20000

0

4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 4.657 ug/l

RT: 2.32 min Scan# 358

Delta R.T. -0.00 min

Lab File: VU027920.D

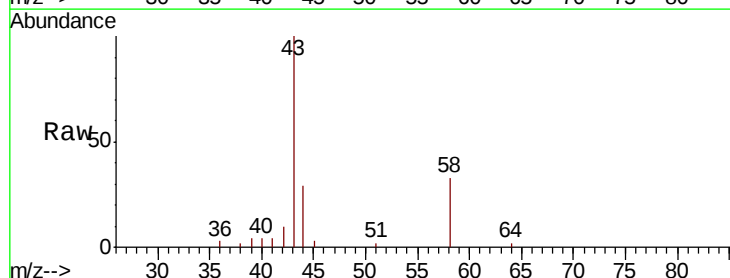
Acq: 02 Nov 2018 12:53

Tgt Ion: 43 Resp: 8275

Ion Ratio Lower Upper

43 100

58 34.0 24.6 37.0



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

Ion 58.00 (57.70 to 58.70): VU027920.D (-265) (-)

2.32

6000

5000

4000

3000

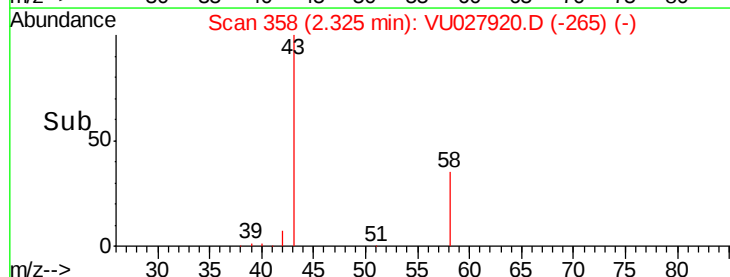
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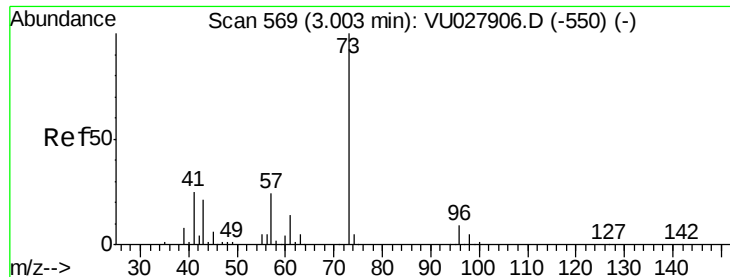
1000

0

2.25 2.30 2.35

Time-->

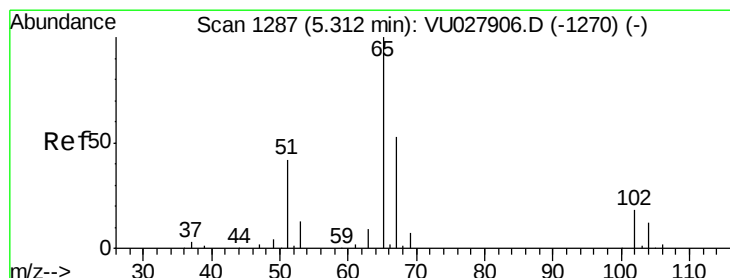
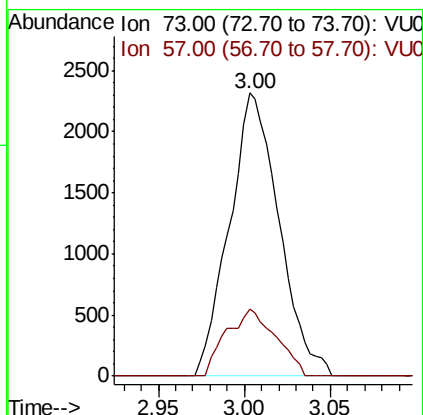
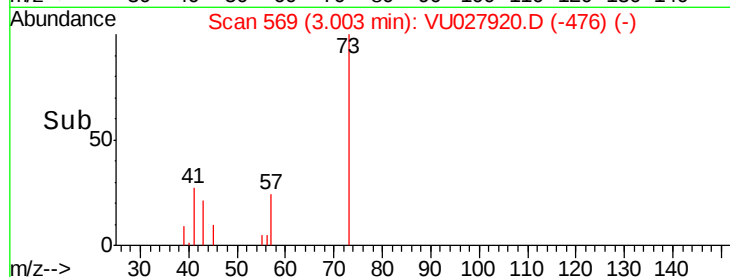
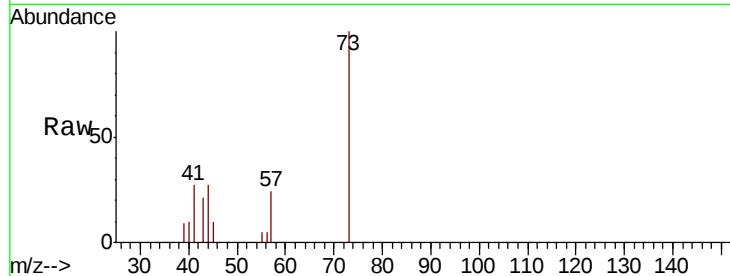




#19
Methvl tert-butvl Ether
Concen: 0.571 ug/l
RT: 3.00 min Scan# 569
Delta R.T. -0.00 min
Lab File: VU027920.D
Acq: 02 Nov 2018 12:53

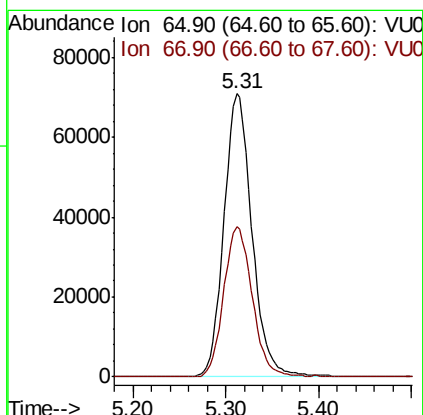
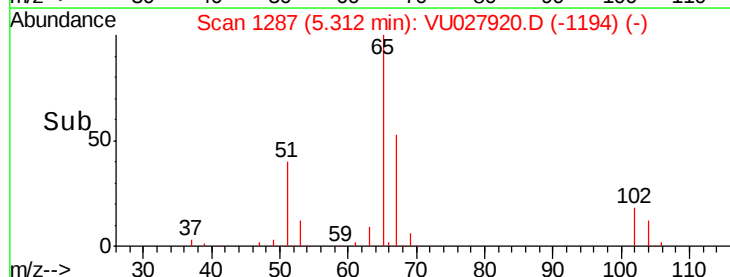
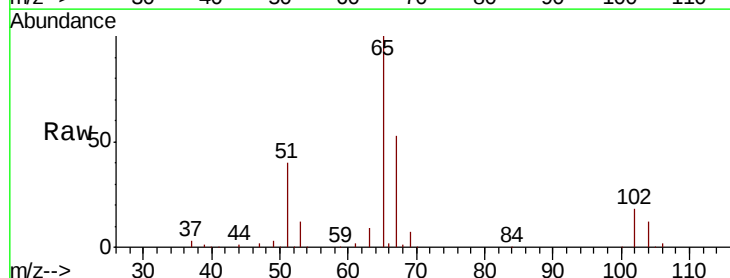
Instrument :
MSVOA_U
ClientSampled :
TP-2A

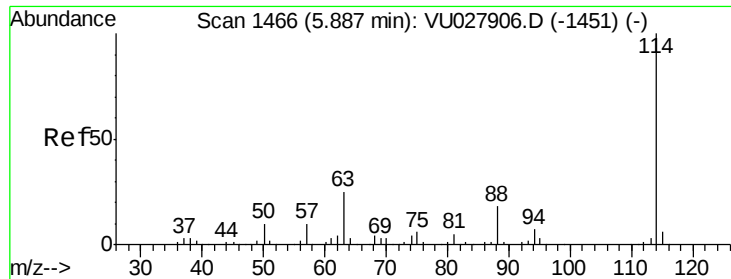
Tot Ion: 73 Resp: 4648
Ion Ratio Lower Upper
73 100
57 23.6 19.3 28.9



#33
1,2-Dichloroethane-d4
Concen: 51.953 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. -0.00 min
Lab File: VU027920.D
Acq: 02 Nov 2018 12:53

Tgt Ion: 65 Resp: 148799
Ion Ratio Lower Upper
65 100
67 54.0 0.0 109.0

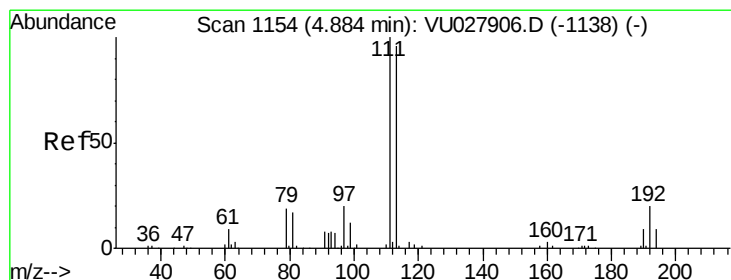
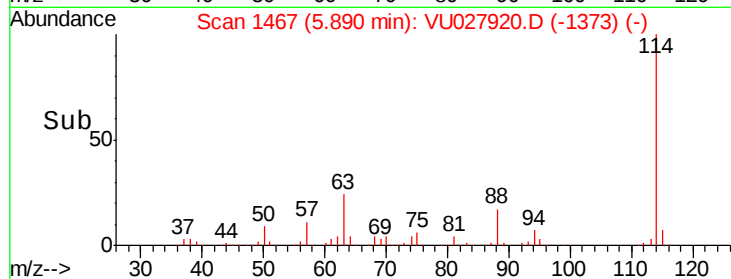
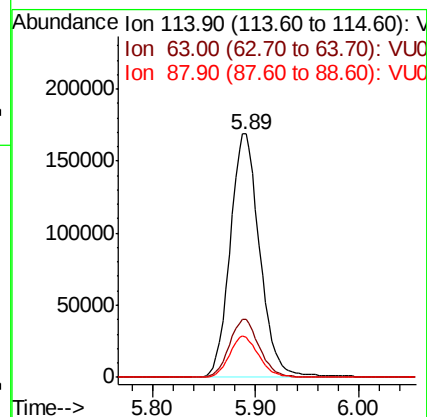
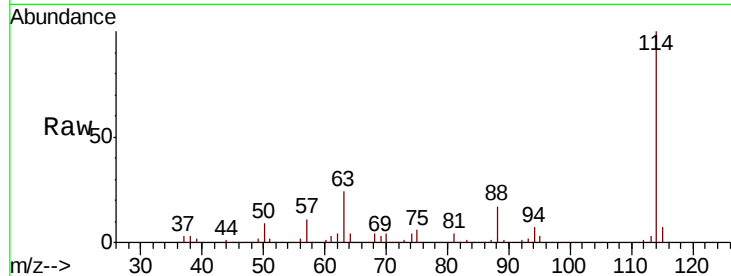




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027920.D
 Acq: 02 Nov 2018 12:53

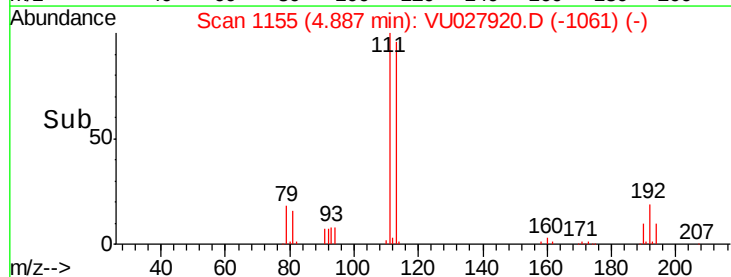
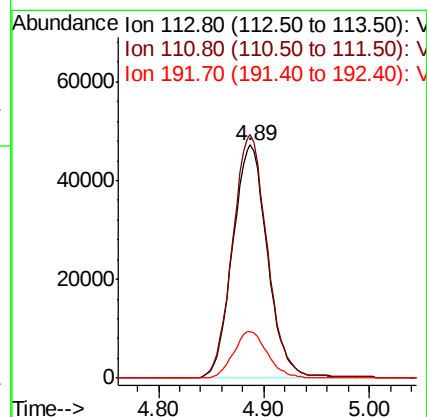
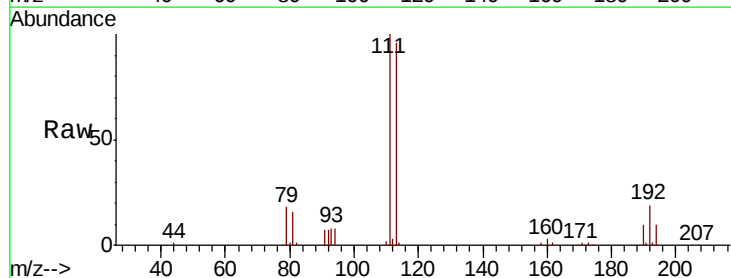
Instrument :
 MSVOA_U
 ClientSampleId :
 TP-2A

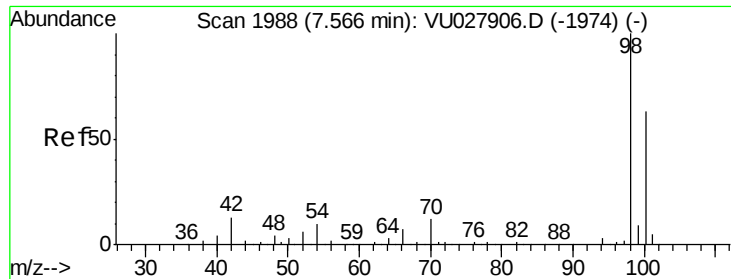
Tot Ion	Ratio	Lower	Upper
114	100		
63	23.9	0.0	50.8
88	16.6	0.0	35.8



#35
 Dibromofluoromethane
 Concen: 50.724 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027920.D
 Acq: 02 Nov 2018 12:53

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.8	83.0	124.6
192	19.5	15.6	23.4





#50

Toluene-d8

Concen: 51.688 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU027920.D

Acq: 02 Nov 2018 12:53

Instrument :

MSVOA_U

ClientSampled :

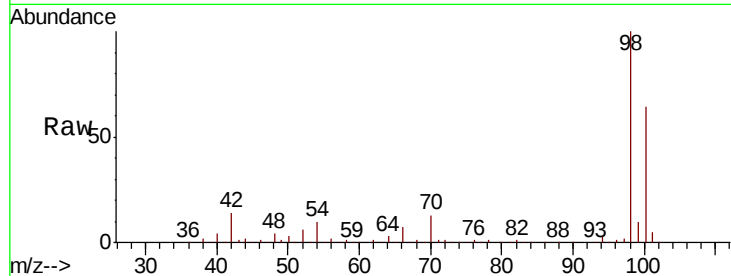
TP-2A

Tot Ion: 98 Resp: 425651

Ion Ratio Lower Upper

98 100

100 63.8 50.1 75.1



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

Ion 100.00 (99.70 to 100.70): VU027906.D

250000

200000

150000

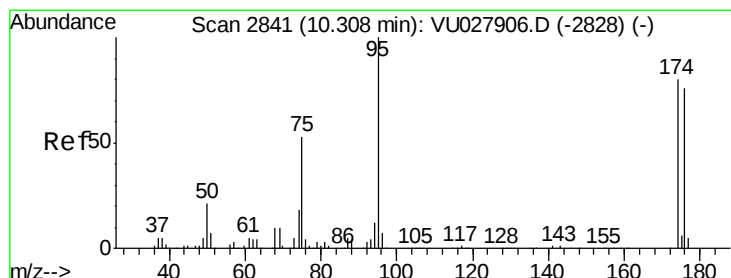
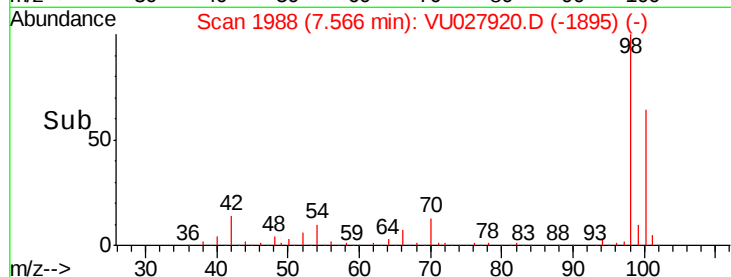
100000

50000

0

7.50 7.55 7.60 7.65

Time-->



#62

4-Bromofluorobenzene

Concen: 46.097 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VU027920.D

Acq: 02 Nov 2018 12:53

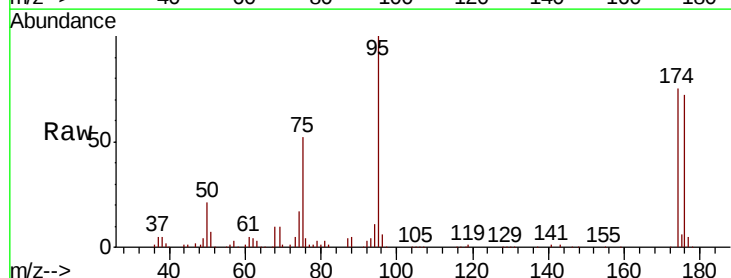
Tgt Ion: 95 Resp: 140017

Ion Ratio Lower Upper

95 100

174 76.7 0.0 156.4

176 74.0 0.0 150.8



Abundance Ion 94.90 (94.60 to 95.60): VU027906.D

Ion 173.80 (173.50 to 174.50): VU027906.D

Ion 175.80 (175.50 to 176.50): VU027906.D

120000

100000

80000

60000

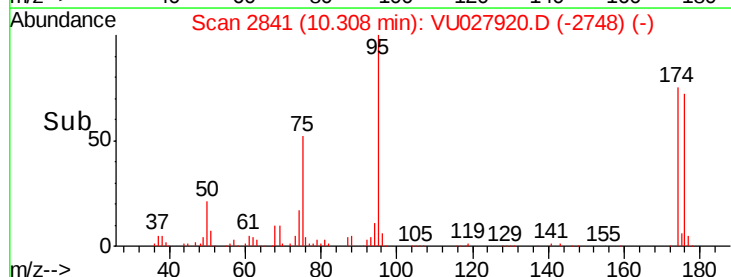
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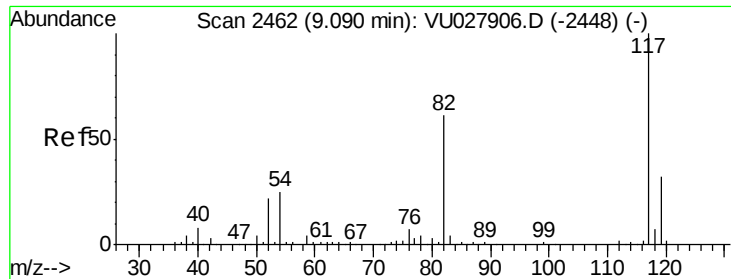
20000

0

10.20 10.30 10.40

Time-->

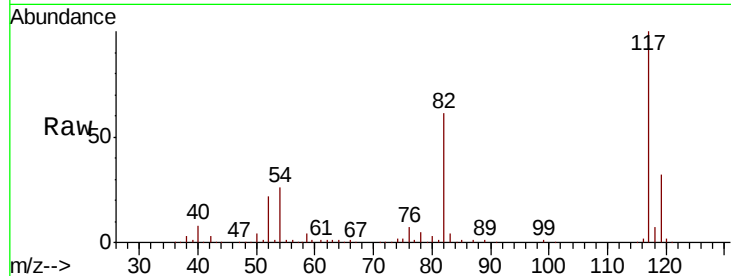




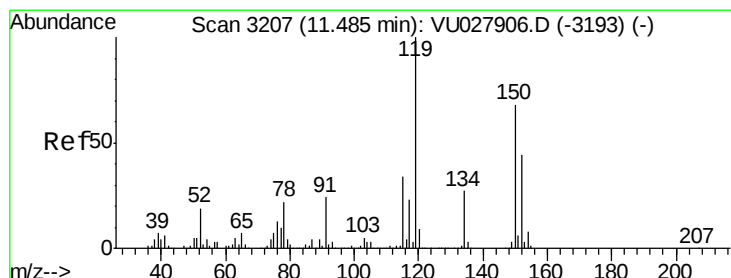
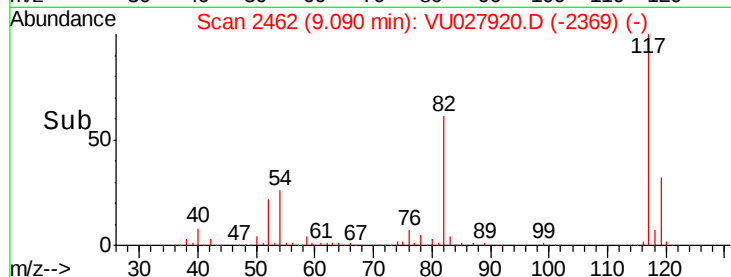
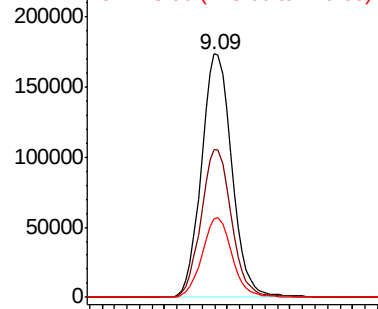
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027920.D
Acq: 02 Nov 2018 12:53

Instrument :
MSVOA_U
ClientSampleId :
TP-2A

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.8	48.6	73.0
119	32.5	25.8	38.8

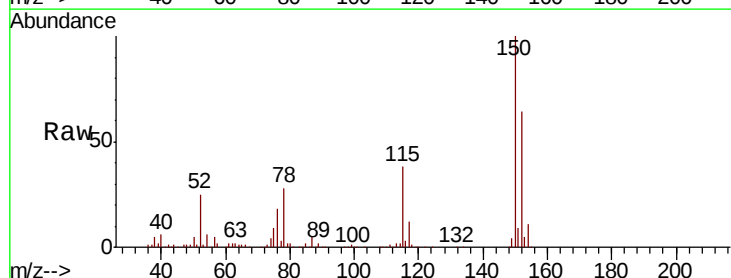


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

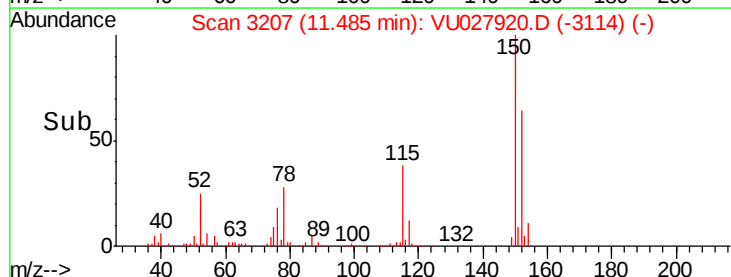
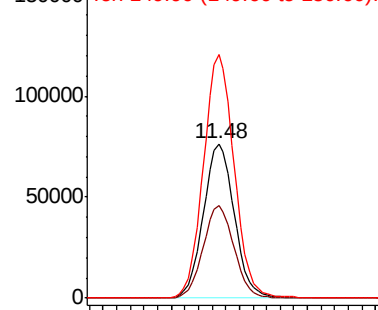


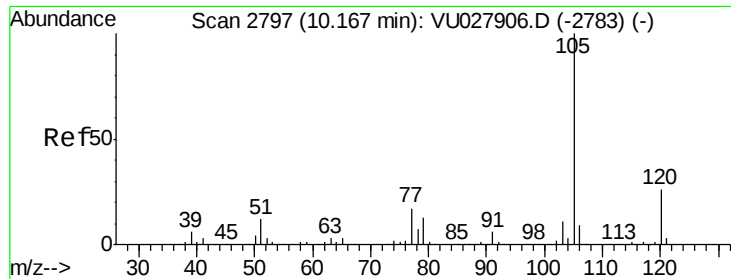
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU027920.D
Acq: 02 Nov 2018 12:53

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.9	43.0	129.0
150	156.5	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





#73

Isopropylbenzene

Concen: 0.285 ug/l

RT: 10.17 min Scan# 2798

Delta R.T. 0.00 min

Lab File: VU027920.D

Acq: 02 Nov 2018 12:53

Instrument :

MSVOA_U

ClientSampleId :

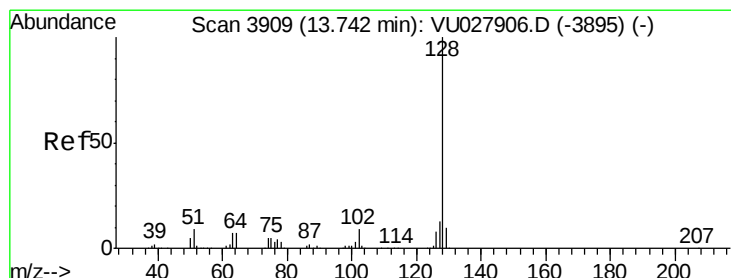
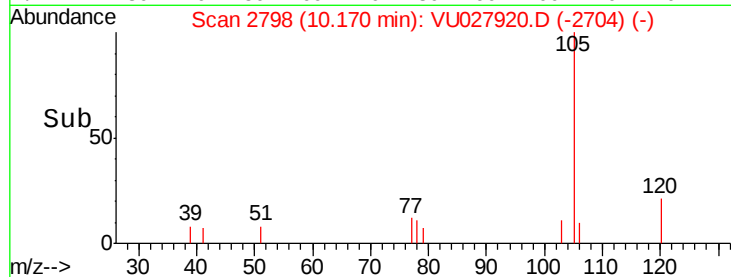
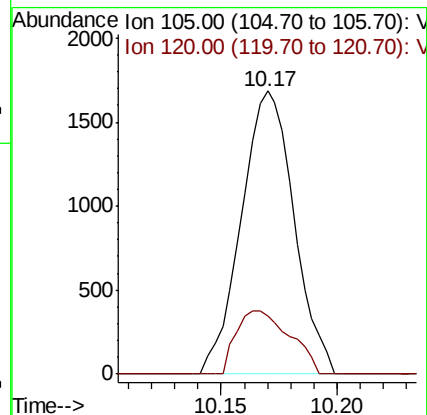
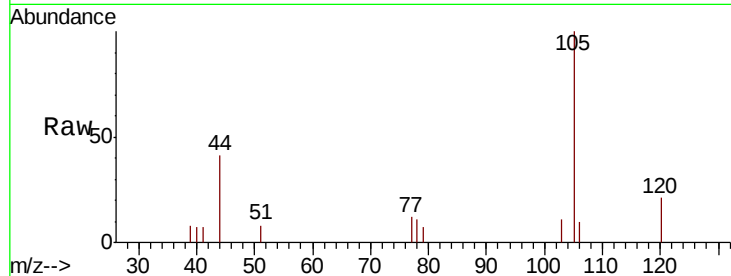
TP-2A

Tot Ion:105 Resp: 2661

Ion Ratio Lower Upper

105 100

120 22.7 12.7 38.0



#95

Naphthalene

Concen: 1.818 ug/l

RT: 13.75 min Scan# 3910

Delta R.T. 0.00 min

Lab File: VU027920.D

Acq: 02 Nov 2018 12:53

Tgt Ion:128 Resp: 19691

Ion Ratio Lower Upper

128 100

127 14.5 10.4 15.6

129 12.2 8.3 12.5

