

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110218\
 Data File : VU027937.D
 Acq On : 02 Nov 2018 19:33
 Operator : MD/SY
 Sample : J5767-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CL-02-110118-D

Quant Time: Nov 03 06:03:29 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

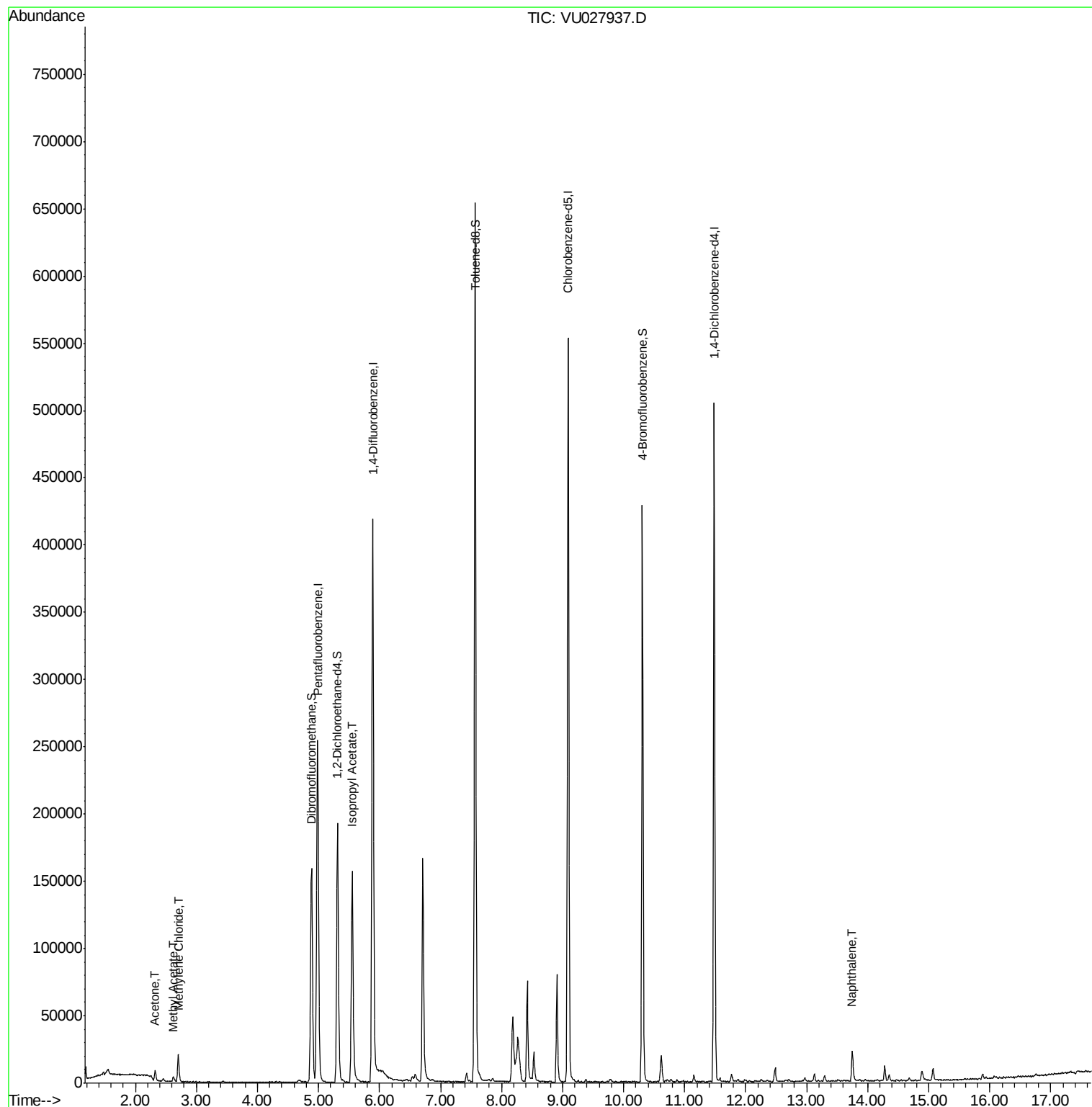
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	189035	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	335238	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	297373	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	125063	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	147279	52.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.80%	
35) Dibromofluoromethane	4.88	113	110323	52.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.38%	
50) Toluene-d8	7.57	98	429969	52.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.32%	
62) 4-Bromofluorobenzene	10.31	95	139034	46.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.34%	
Target Compounds						
16) Acetone	2.32	43	7815	4.482	ug/l	100
18) Methyl Acetate	2.62	43	5021	1.047	ug/l #	78
20) Methylene Chloride	2.70	84	7957	3.125	ug/l	86
43) Isopropyl Acetate	5.55	43	191123	23.713	ug/l	100
95) Naphthalene	13.75	128	21132	1.885	ug/l	98

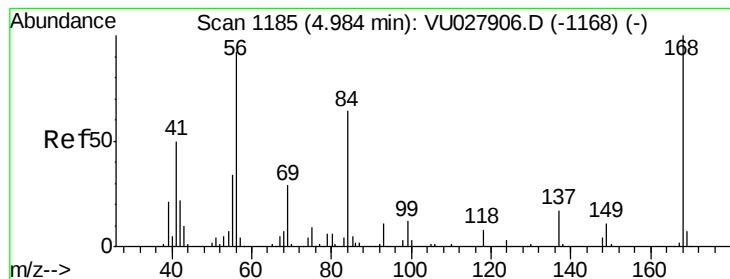
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU027937.D

Acq: 02 Nov 2018 19:33

Instrument :

MSVOA_U

ClientSampleId :

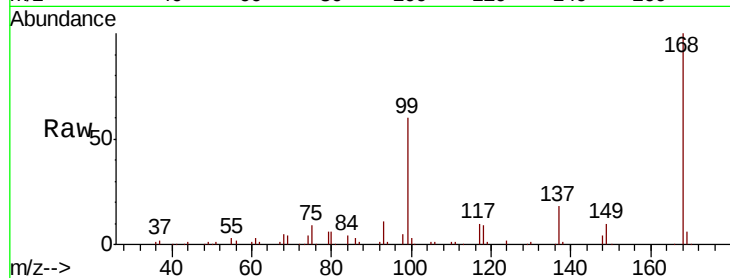
CL-02-110118-D

Tot Ion:168 Resp: 189035

Ion Ratio Lower Upper

168 100

99 60.5 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

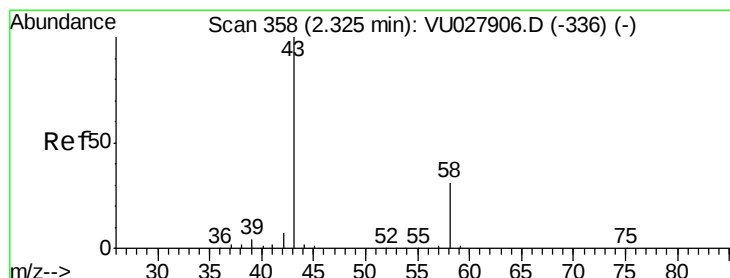
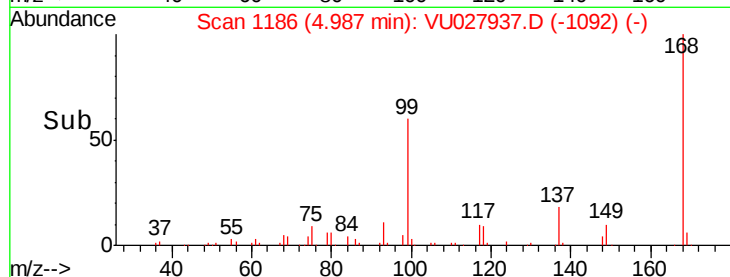
40000

20000

0

4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 4.482 ug/l

RT: 2.32 min Scan# 358

Delta R.T. -0.00 min

Lab File: VU027937.D

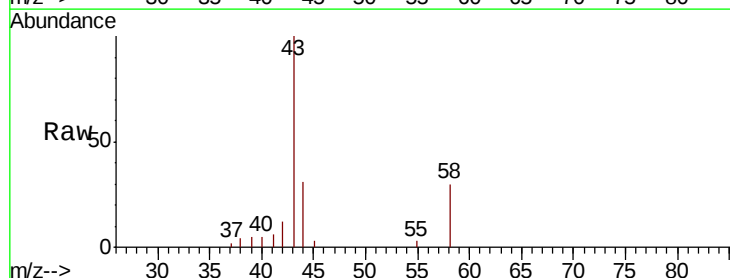
Acq: 02 Nov 2018 19:33

Tgt Ion: 43 Resp: 7815

Ion Ratio Lower Upper

43 100

58 30.7 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

5000

4000

3000

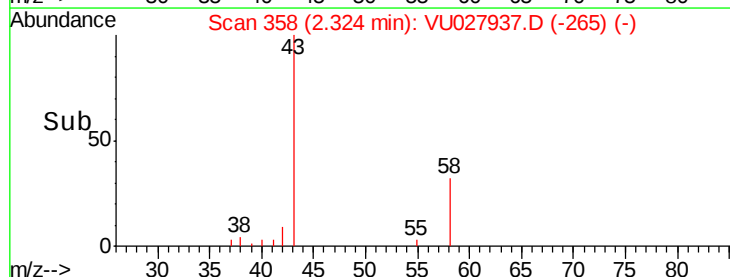
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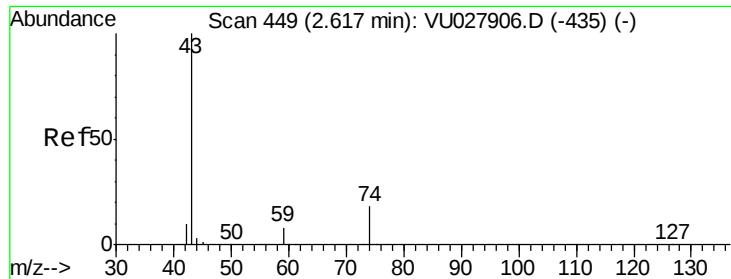
1000

0

2.25 2.30 2.35 2.40

Time-->





#18

Methyl Acetate

Concen: 1.047 ug/l

RT: 2.62 min Scan# 451

Delta R.T. 0.01 min

Lab File: VU027937.D

Acq: 02 Nov 2018 19:33

Instrument :

MSVOA_U

ClientSampleId :

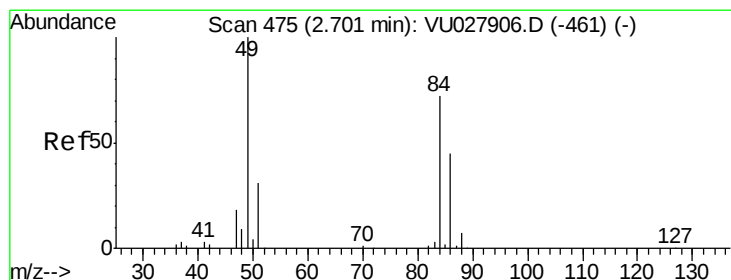
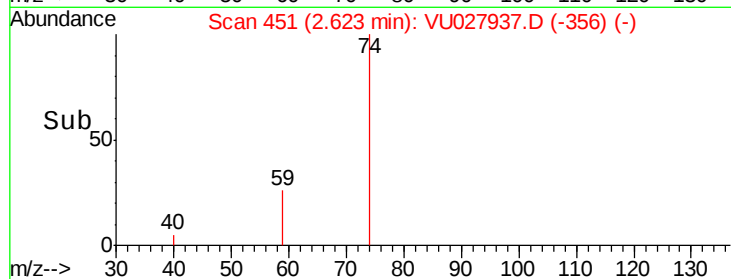
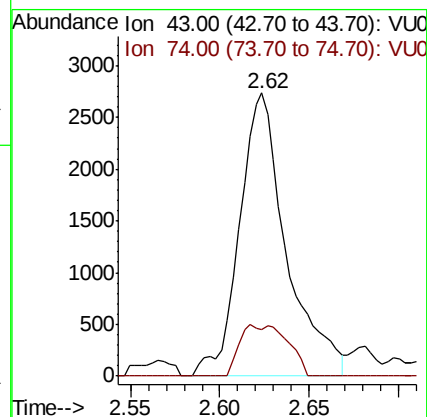
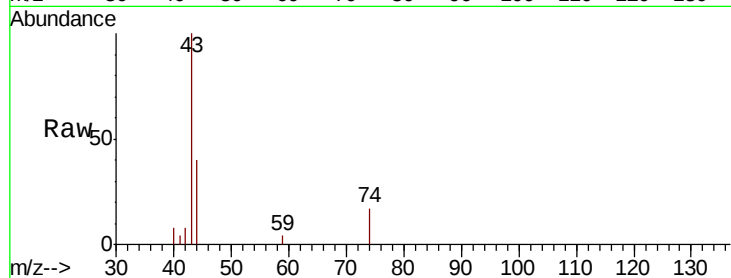
CL-02-110118-D

Tot Ion: 43 Resp: 5021

Ion Ratio Lower Upper

43 100

74 8.9 14.9 22.3#



#20

Methylene Chloride

Concen: 3.125 ug/l

RT: 2.70 min Scan# 476

Delta R.T. 0.00 min

Lab File: VU027937.D

Acq: 02 Nov 2018 19:33

Tgt Ion: 84 Resp: 7957

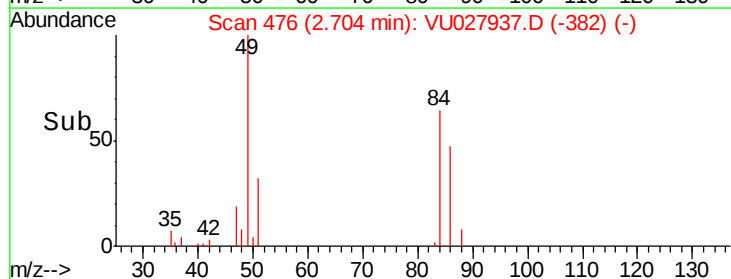
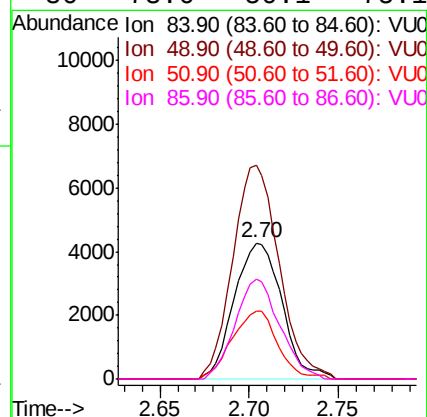
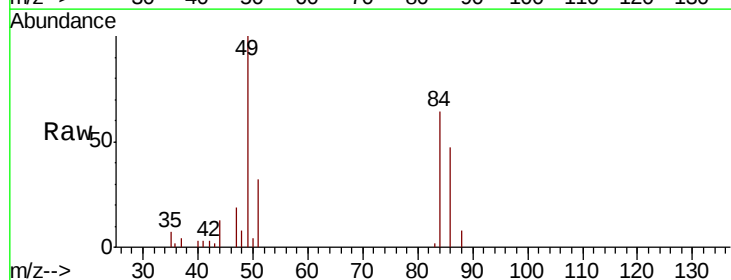
Ion Ratio Lower Upper

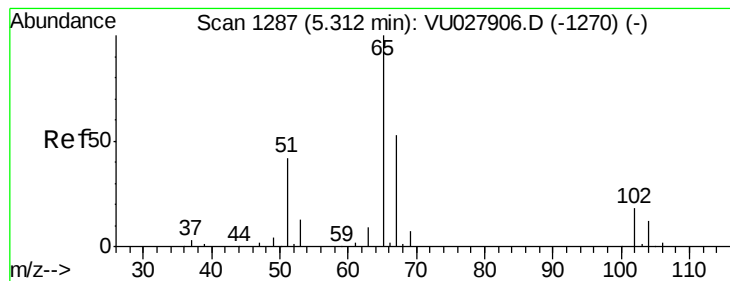
84 100

49 157.2 111.6 167.4

51 50.3 34.8 52.2

86 73.6 50.1 75.1





#33

1,2-Dichloroethane-d4

Concen: 52.404 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. -0.00 min

Lab File: VU027937.D

Acq: 02 Nov 2018 19:33

Instrument :

MSVOA_U

ClientSampleId :

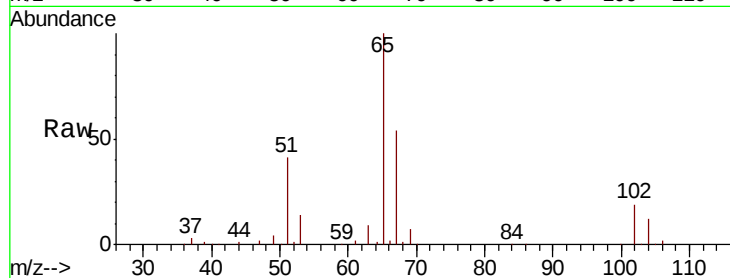
CL-02-110118-D

Tot Ion: 65 Resp: 147279

Ion Ratio Lower Upper

65 100

67 54.6 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VU027906.D (-1270) (-)

Ion 66.90 (66.60 to 67.60): VU027906.D (-1270) (-)

5.31

80000

60000

40000

20000

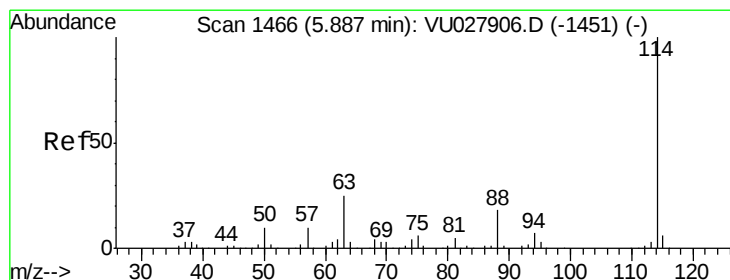
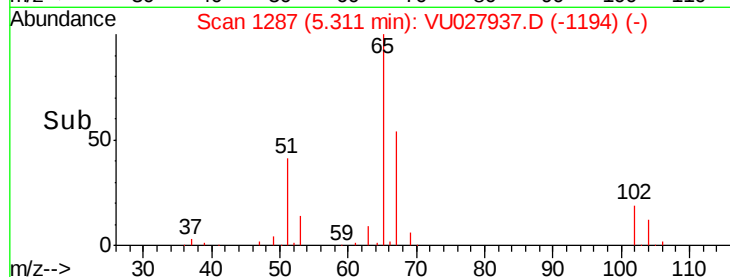
0

Time-->

5.20

5.30

5.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1467

Delta R.T. 0.00 min

Lab File: VU027937.D

Acq: 02 Nov 2018 19:33

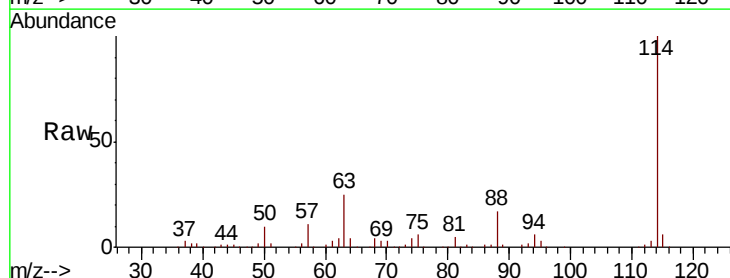
Tgt Ion: 114 Resp: 335238

Ion Ratio Lower Upper

114 100

63 25.1 0.0 50.8

88 17.3 0.0 35.8



Abundance Ion 113.90 (113.60 to 114.60): VU027906.D (-1451) (-)

Ion 63.00 (62.70 to 63.70): VU027906.D (-1451) (-)

Ion 87.90 (87.60 to 88.60): VU027906.D (-1451) (-)

5.89

200000

150000

100000

50000

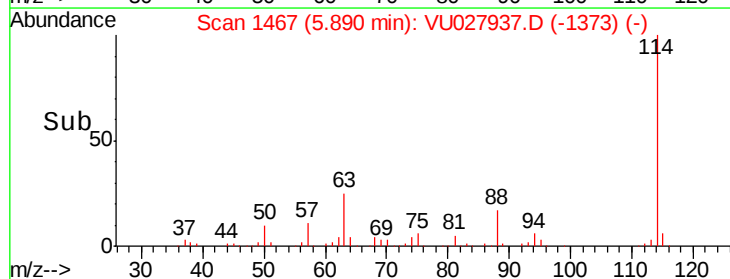
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Time-->

5.80

5.90

6.00

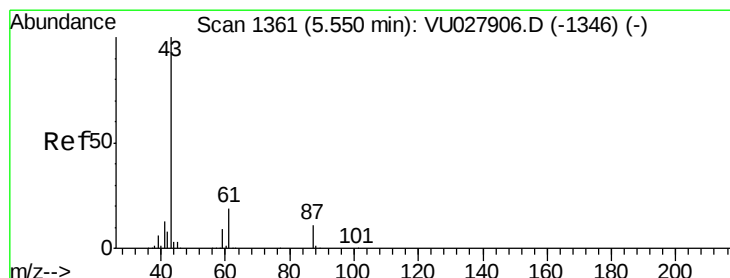
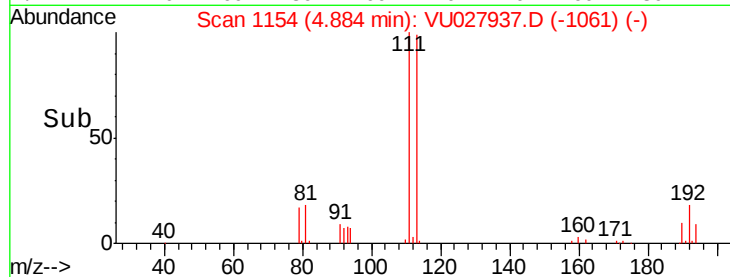
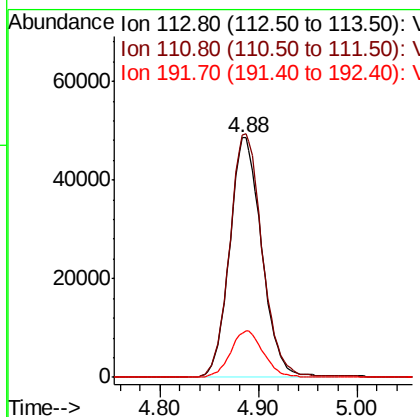
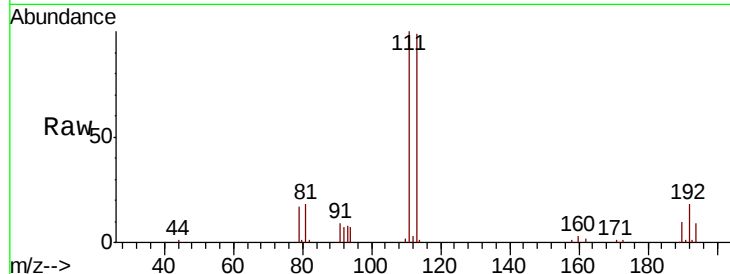




#35
 Dibromofluoromethane
 Concen: 52.194 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: VU027937.D
 Acq: 02 Nov 2018 19:33

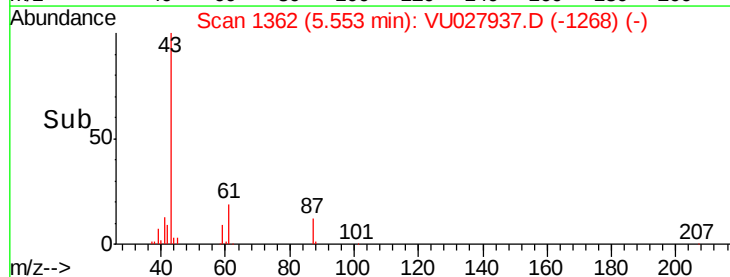
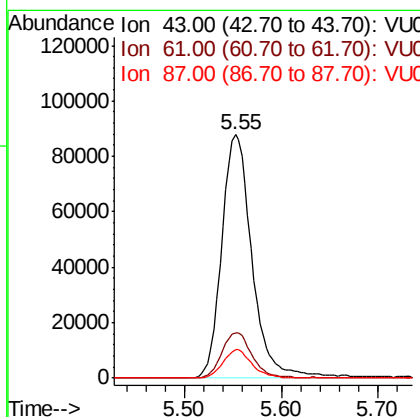
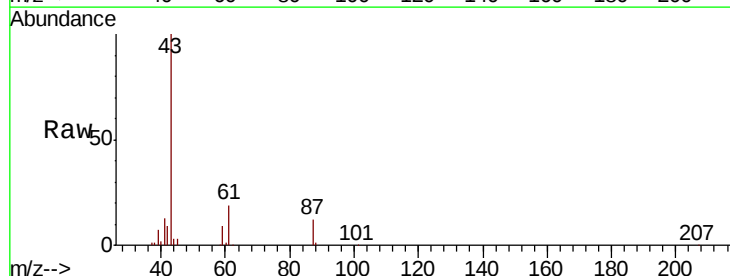
Instrument :
 MSVOA_U
 ClientSampleId :
 CL-02-110118-D

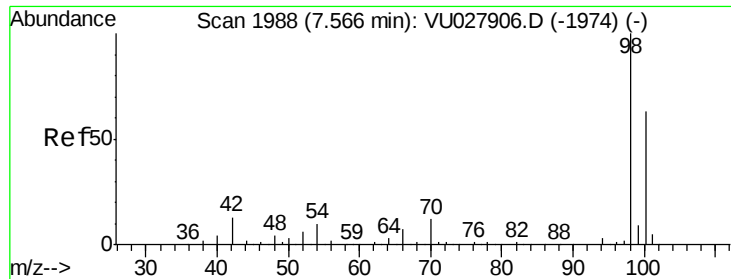
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	83.0	124.6
192	19.7	15.6	23.4



#43
 Isopropyl Acetate
 Concen: 23.713 ug/l
 RT: 5.55 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VU027937.D
 Acq: 02 Nov 2018 19:33

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.5	15.0	22.4
87	11.0	8.6	12.8

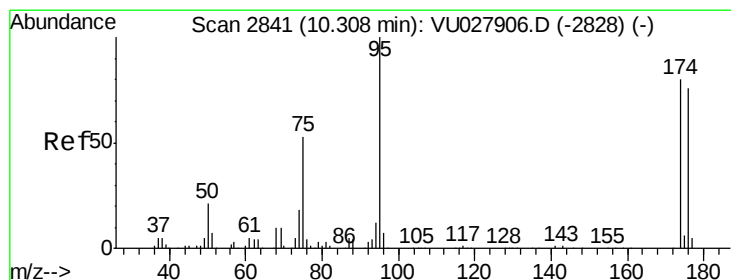
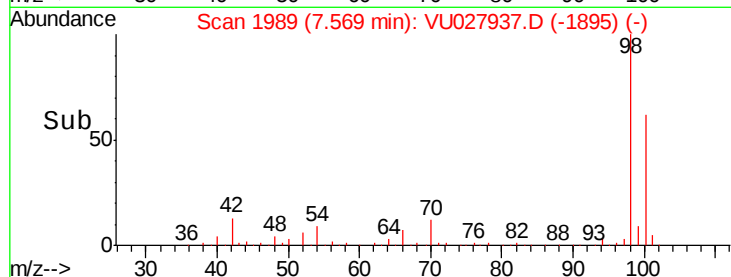
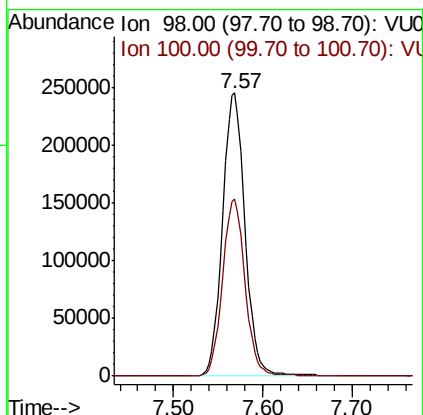
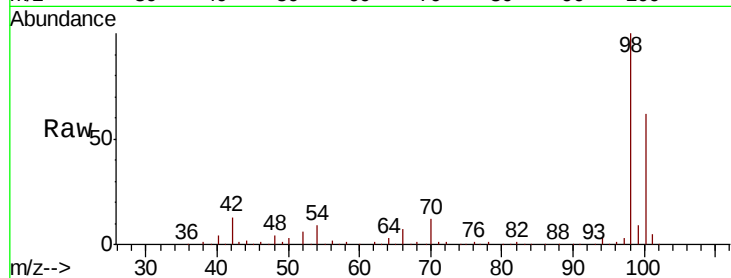




#50
Toluene-d8
Concen: 52.659 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU027937.D
Acq: 02 Nov 2018 19:33

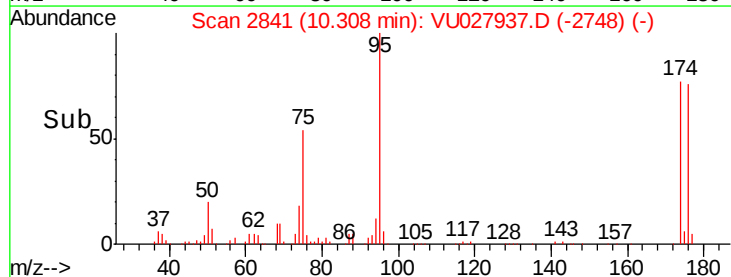
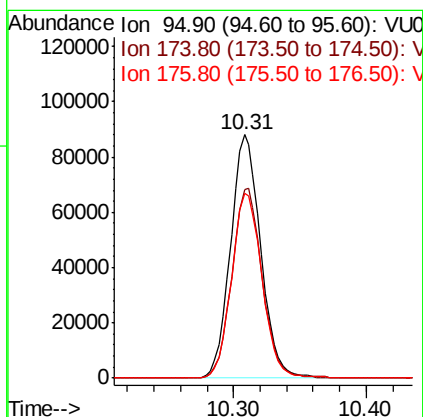
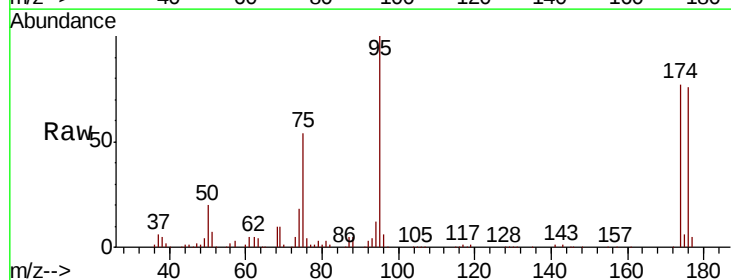
Instrument :
MSVOA_U
ClientSampleId :
CL-02-110118-D

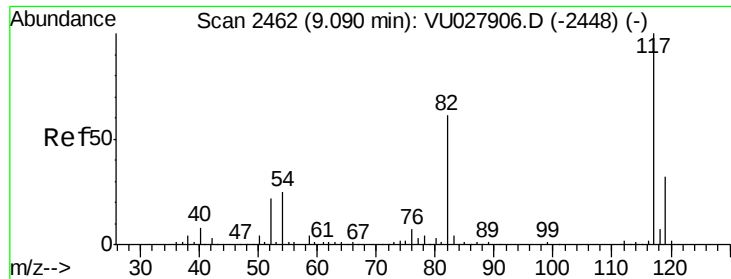
Tot Ion: 98 Resp: 429969
Ion Ratio Lower Upper
98 100
100 62.9 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 46.165 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VU027937.D
Acq: 02 Nov 2018 19:33

Tgt Ion: 95 Resp: 139034
Ion Ratio Lower Upper
95 100
174 78.2 0.0 156.4
176 76.8 0.0 150.8

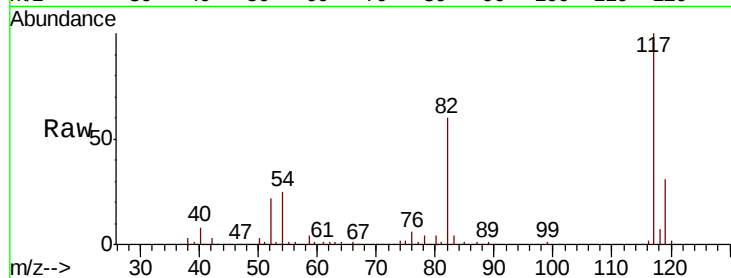




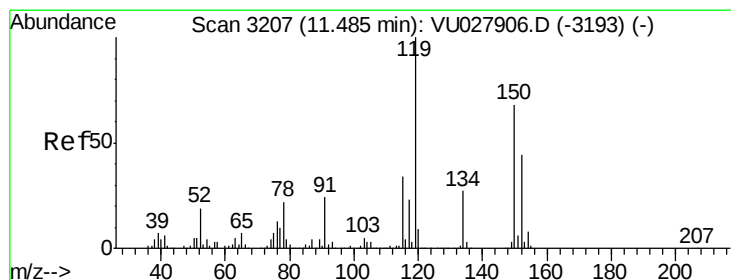
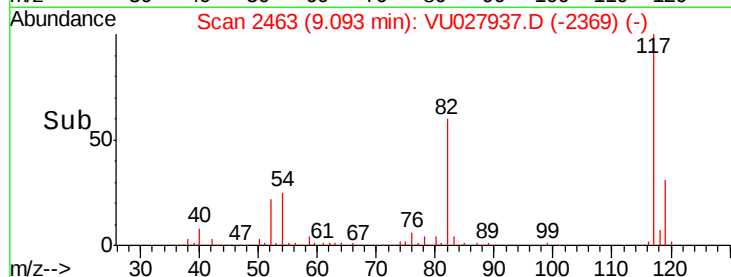
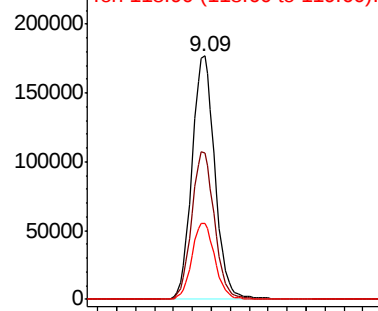
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027937.D
Acq: 02 Nov 2018 19:33

Instrument :
MSVOA_U
ClientSampleId :
CL-02-110118-D

Tot Ion:117 Resp: 297373
Ion Ratio Lower Upper
117 100
82 60.2 48.6 73.0
119 31.2 25.8 38.8

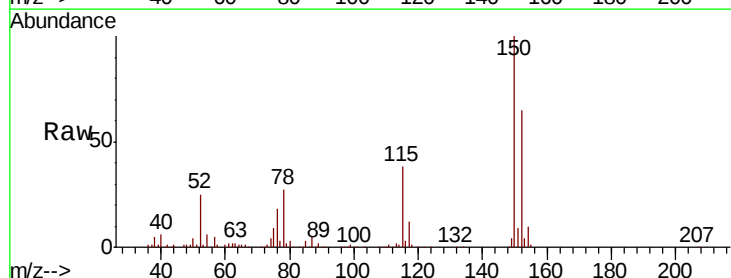


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

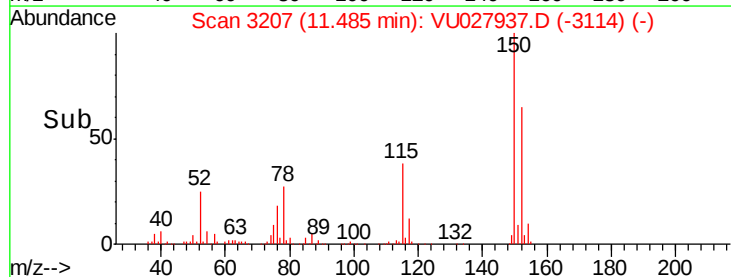
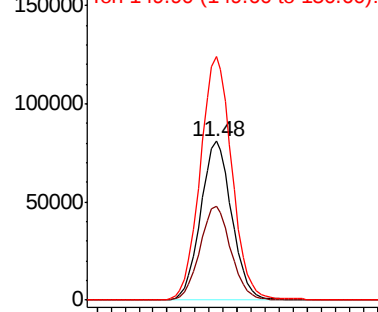


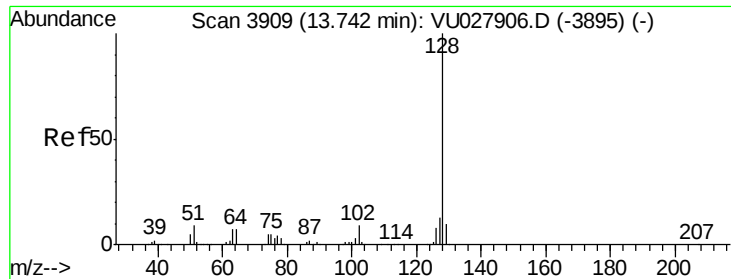
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU027937.D
Acq: 02 Nov 2018 19:33

Tgt Ion:152 Resp: 125063
Ion Ratio Lower Upper
152 100
115 59.1 43.0 129.0
150 156.3 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

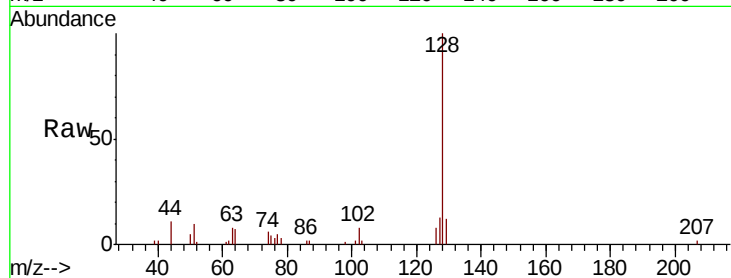




#95
 Naphthalene
 Concen: 1.885 ug/l
 RT: 13.75 min Scan# 3910
 Delta R.T. 0.00 min
 Lab File: VU027937.D
 Acq: 02 Nov 2018 19:33

Instrument :
 MSVOA_U
 ClientSampleId :
 CL-02-110118-D

Tot Ion	Ratio	Lower	Upper
128	100		
127	11.7	10.4	15.6
129	10.6	8.3	12.5



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

