

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110718\
 Data File : VU027999.D
 Acq On : 07 Nov 2018 12:39
 Operator : MD/SY
 Sample : PB114573ZHE#04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB114573ZHE#04

Quant Time: Nov 07 14:21:36 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

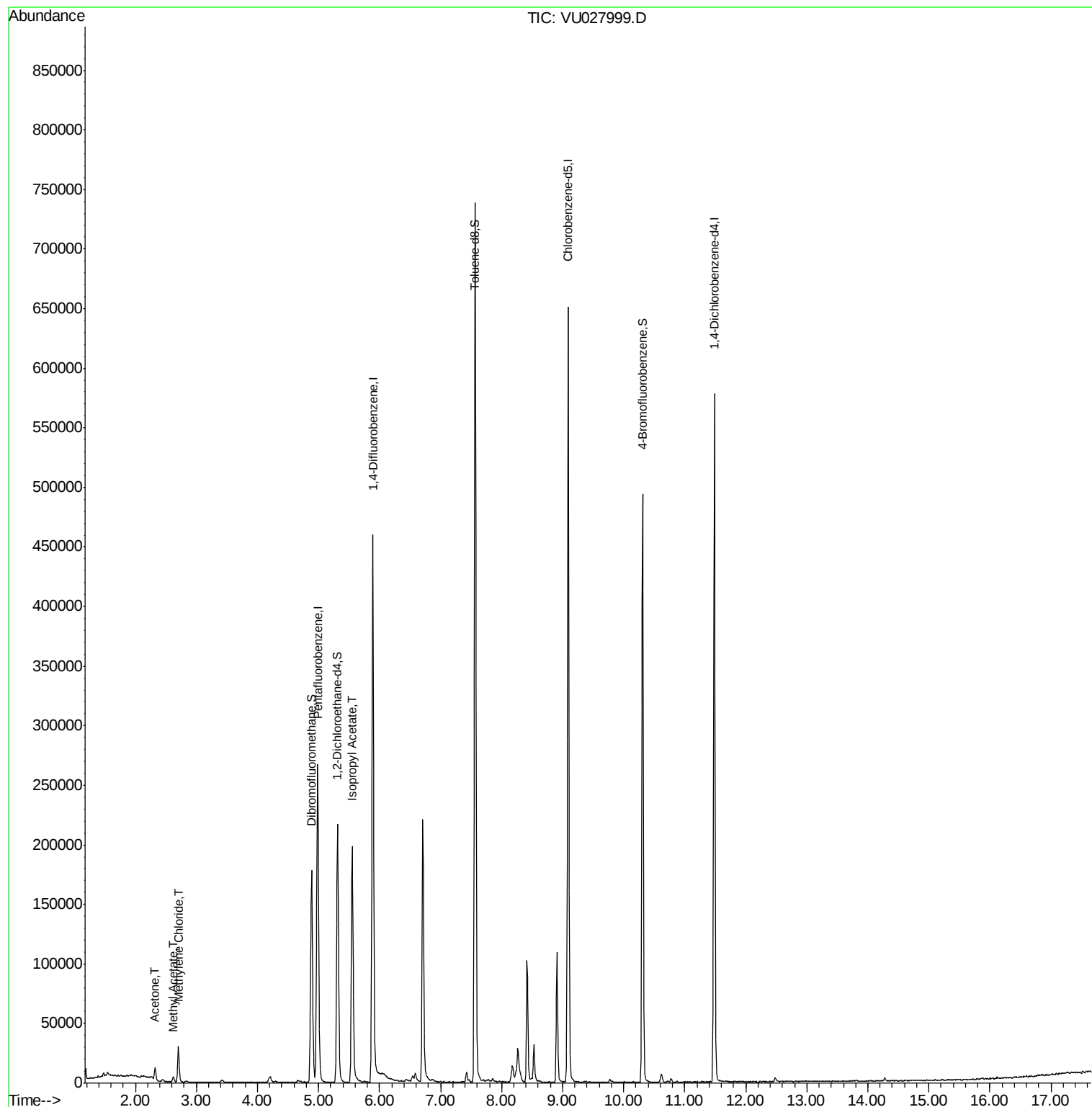
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	199010	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	378701	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	336959	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	145932	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	166556	56.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.58%	
35) Dibromofluoromethane	4.89	113	125737	52.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.32%	
50) Toluene-d8	7.57	98	491828	53.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.64%	
62) 4-Bromofluorobenzene	10.31	95	164820	48.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.90%	
Target Compounds						
16) Acetone	2.32	43	11388	6.203	ug/l	95
18) Methyl Acetate	2.62	43	5786	1.146	ug/l	99
20) Methylene Chloride	2.70	84	12465	4.651	ug/l	98
43) Isopropyl Acetate	5.55	43	241963	26.575	ug/l	99

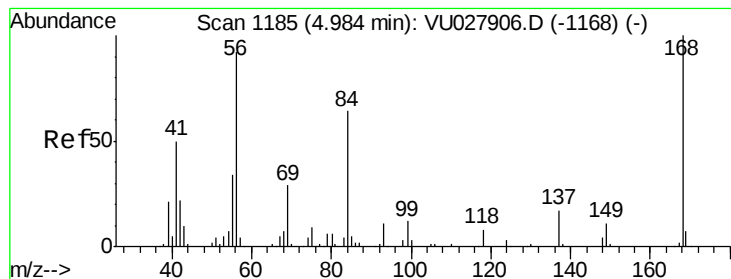
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU027999.D

Acq: 07 Nov 2018 12:39

Instrument :

MSVOA_U

ClientSampleId :

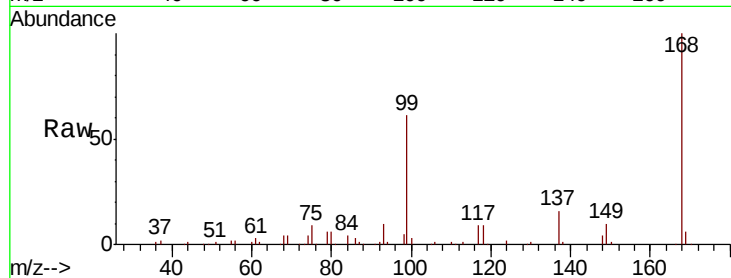
PB114573ZHE#04

Tot Ion:168 Resp: 199010

Ion Ratio Lower Upper

168 100

99 60.6 47.9 71.9



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

Ion 98.90 (98.60 to 99.60): VU027999.D (-1092) (-)

4.99

80000

60000

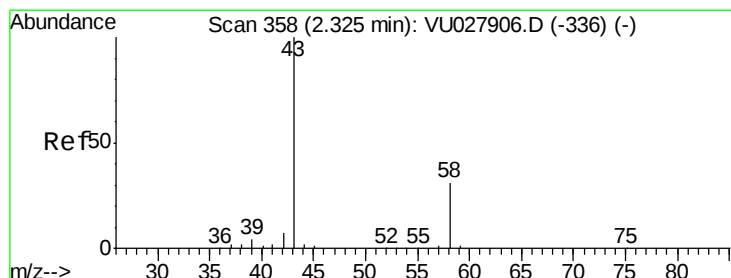
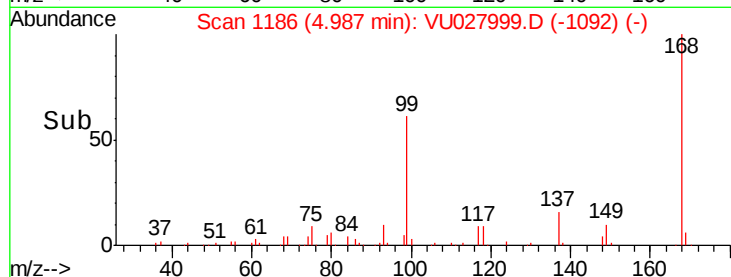
40000

20000

0

Time-->

4.90 5.00 5.10



#16

Acetone

Concen: 6.203 ug/l

RT: 2.32 min Scan# 358

Delta R.T. -0.00 min

Lab File: VU027999.D

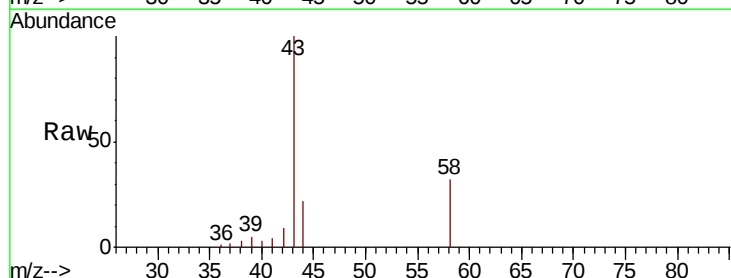
Acq: 07 Nov 2018 12:39

Tgt Ion: 43 Resp: 11388

Ion Ratio Lower Upper

43 100

58 33.3 24.6 37.0



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

Ion 58.00 (57.70 to 58.70): VU027999.D (-265) (-)

2.32

8000

6000

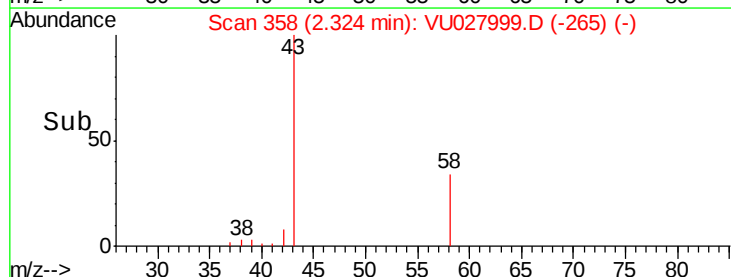
4000

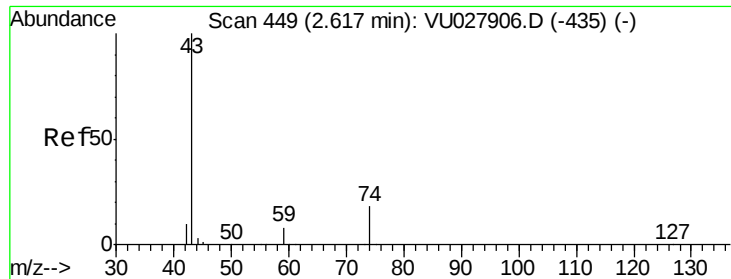
2000

0

Time-->

2.30 2.35

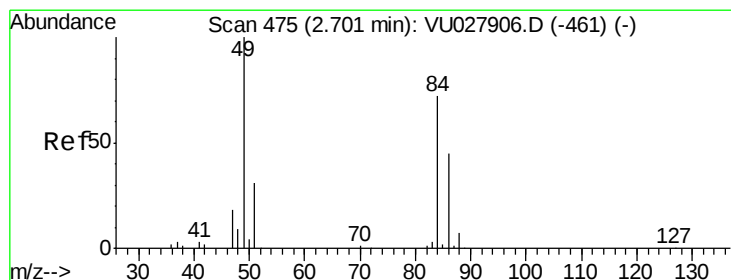
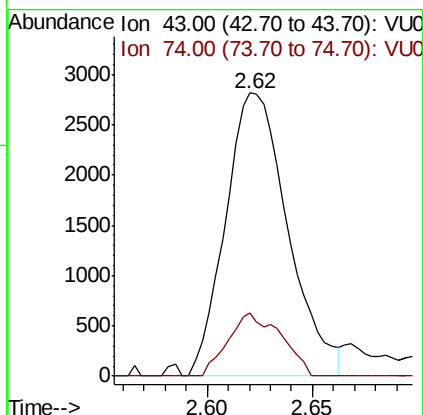
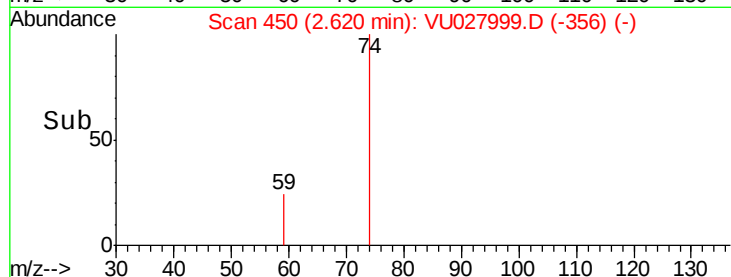
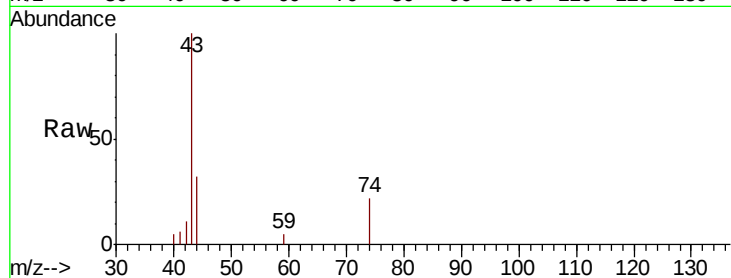




#18
Methyl Acetate
Concen: 1.146 ug/l
RT: 2.62 min Scan# 450
Delta R.T. 0.00 min
Lab File: VU027999.D
Acq: 07 Nov 2018 12:39

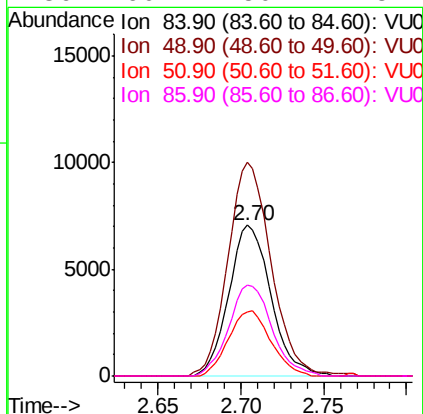
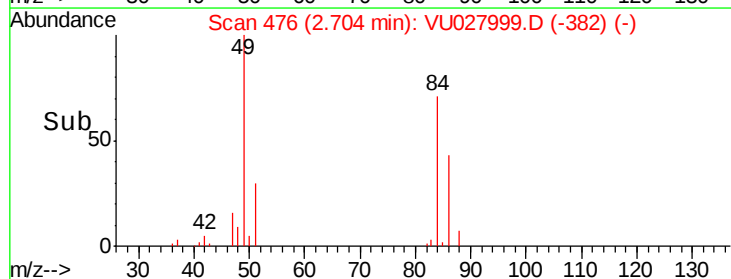
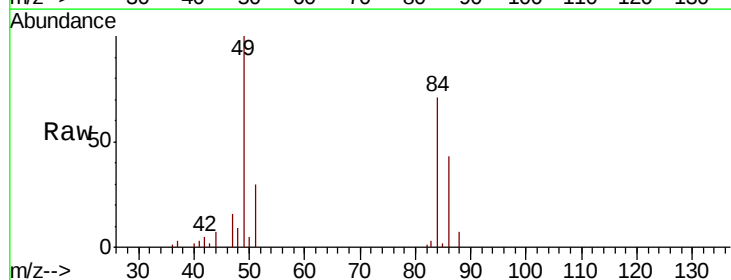
Instrument :
MSVOA_U
ClientSampleId :
PB114573ZHE#04

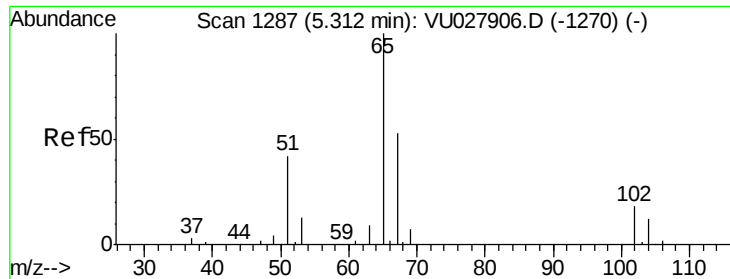
Tot Ion: 43 Resp: 5786
Ion Ratio Lower Upper
43 100
74 19.0 14.9 22.3



#20
Methylene Chloride
Concen: 4.651 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU027999.D
Acq: 07 Nov 2018 12:39

Tgt Ion: 84 Resp: 12465
Ion Ratio Lower Upper
84 100
49 141.8 111.6 167.4
51 42.7 34.8 52.2
86 60.4 50.1 75.1





#33

1,2-Dichloroethane-d4

Concen: 56.292 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. -0.00 min

Lab File: VU027999.D

Acq: 07 Nov 2018 12:39

Instrument :

MSVOA_U

ClientSampleId :

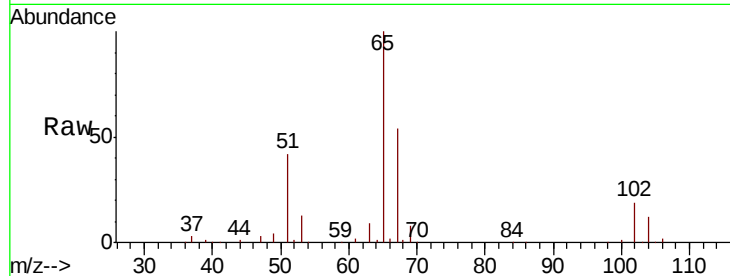
PB114573ZHE#04

Tot Ion: 65 Resp: 166556

Ion Ratio Lower Upper

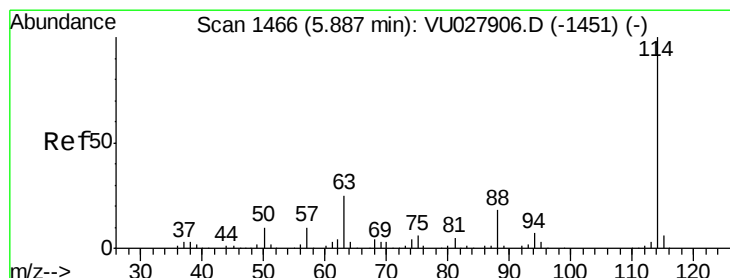
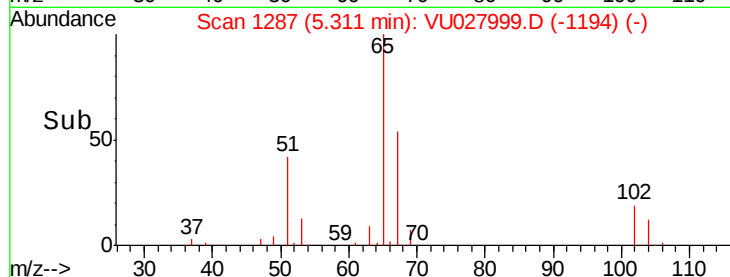
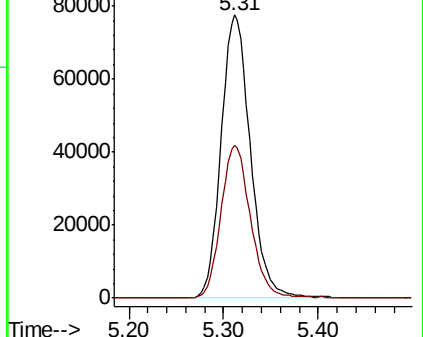
65 100

67 54.5 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) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1467

Delta R.T. 0.00 min

Lab File: VU027999.D

Acq: 07 Nov 2018 12:39

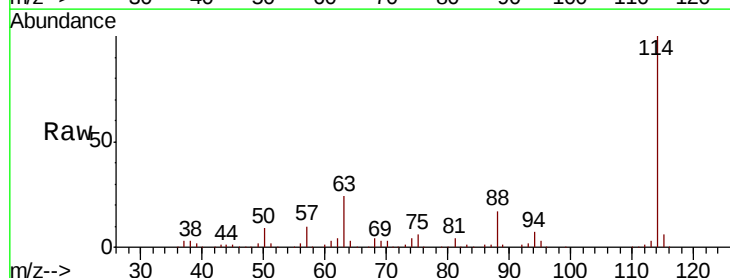
Tgt Ion: 114 Resp: 378701

Ion Ratio Lower Upper

114 100

63 24.0 0.0 50.8

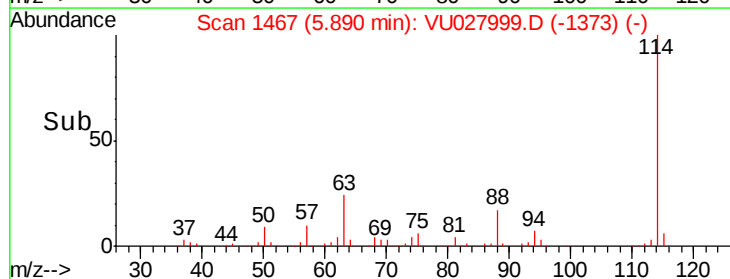
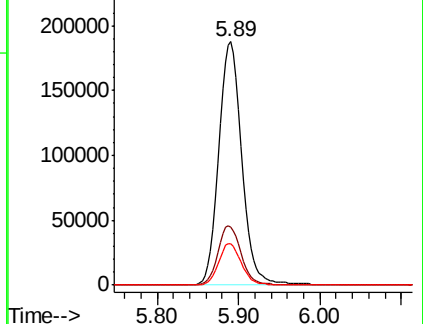
88 16.8 0.0 35.8



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) (-)

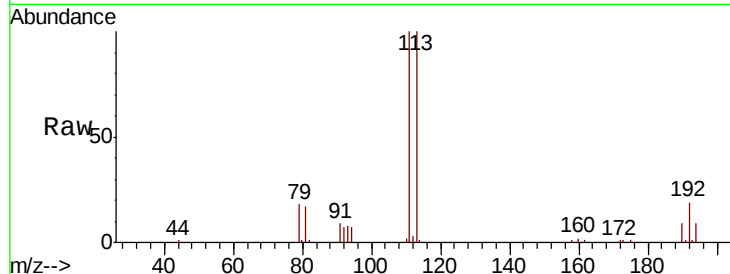




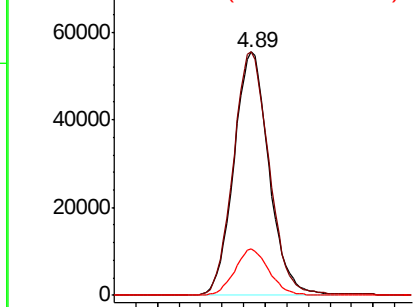
#35
 Dibromofluoromethane
 Concen: 52.659 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027999.D
 Acq: 07 Nov 2018 12:39

Instrument :
 MSVOA_U
 ClientSampleId :
 PB114573ZHE#04

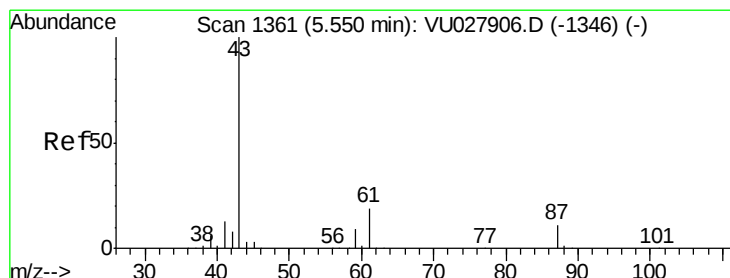
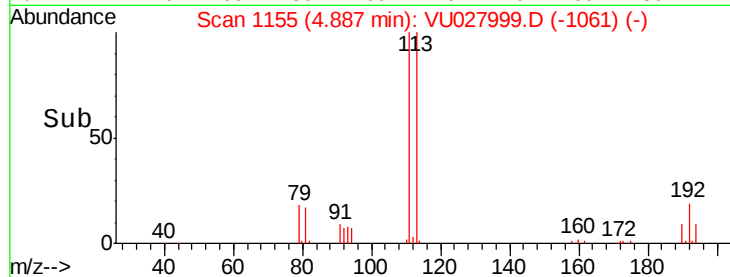
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	83.0	124.6
192	18.7	15.6	23.4



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

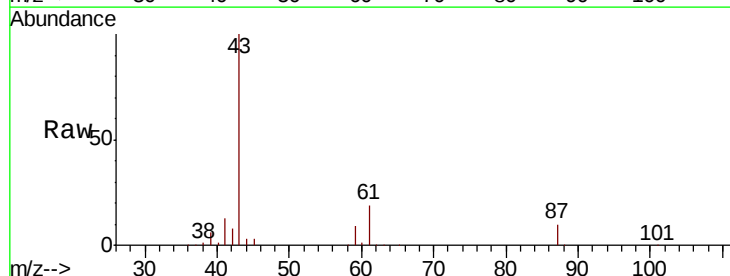


Time-->

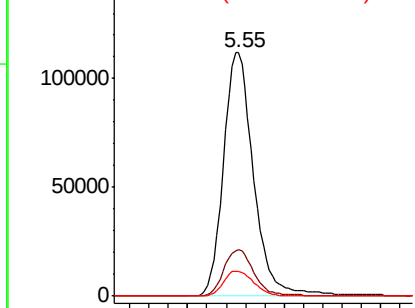


#43
 Isopropyl Acetate
 Concen: 26.575 ug/l
 RT: 5.55 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VU027999.D
 Acq: 07 Nov 2018 12:39

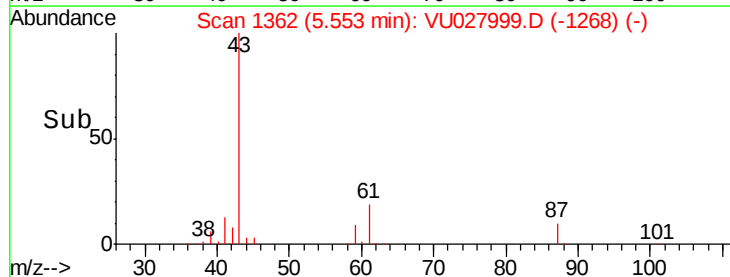
Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.0	15.0	22.4
87	10.3	8.6	12.8

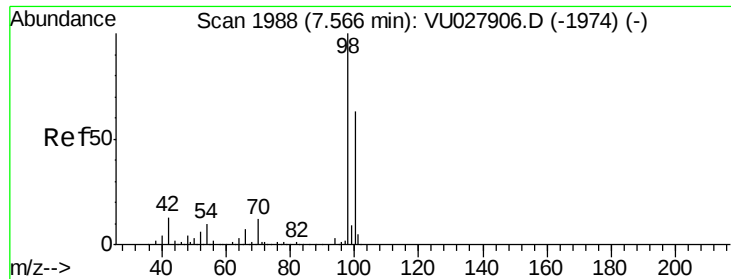


Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 87.00 (86.70 to 87.70): VU0



Time-->





#50

Toluene-d8

Concen: 53.322 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VU027999.D

Acq: 07 Nov 2018 12:39

Instrument :

MSVOA_U

ClientSampleId :

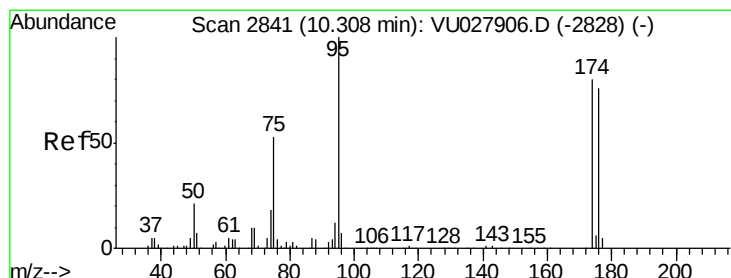
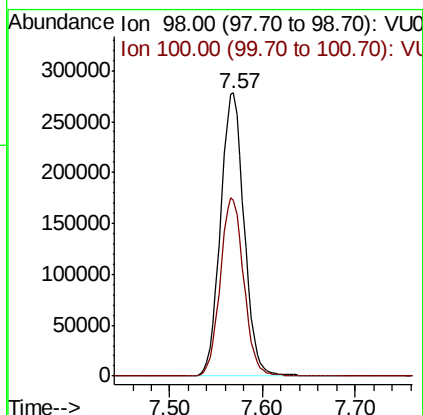
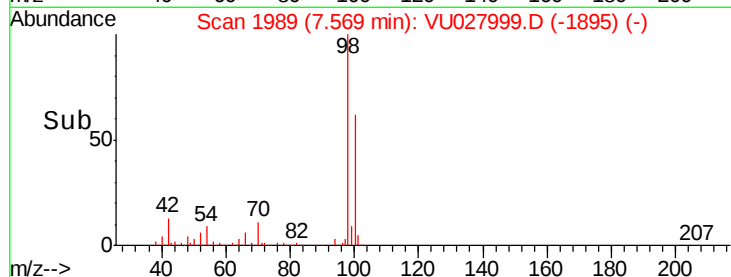
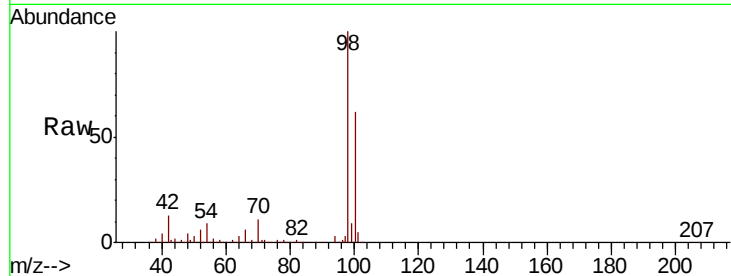
PB114573ZHE#04

Tot Ion: 98 Resp: 491828

Ion Ratio Lower Upper

98 100

100 62.6 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 48.446 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VU027999.D

Acq: 07 Nov 2018 12:39

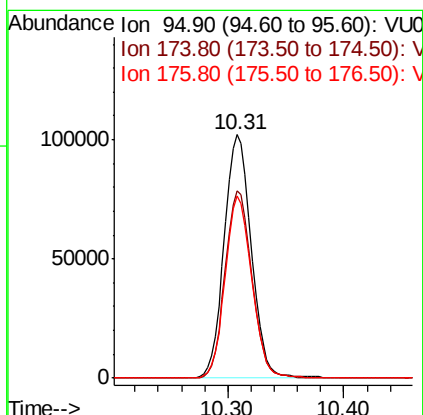
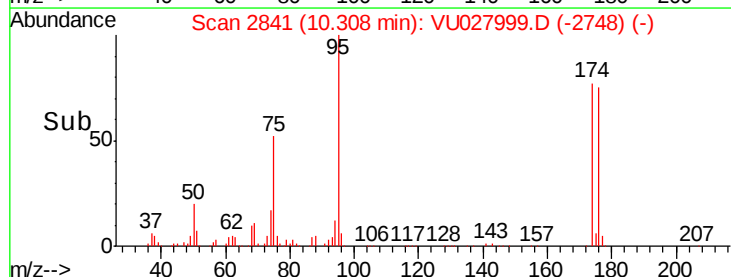
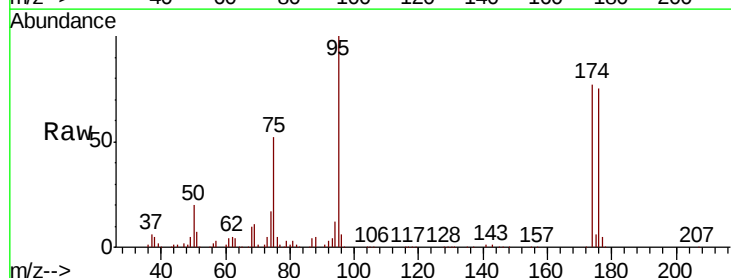
Tgt Ion: 95 Resp: 164820

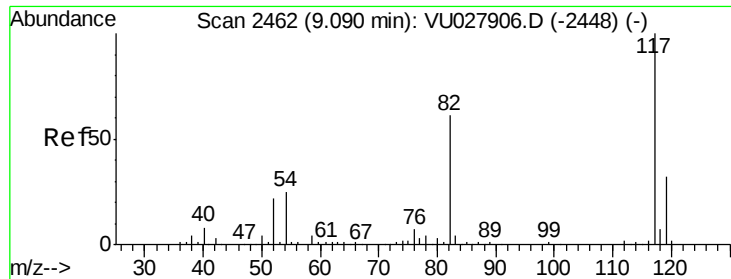
Ion Ratio Lower Upper

95 100

174 75.9 0.0 156.4

176 73.3 0.0 150.8

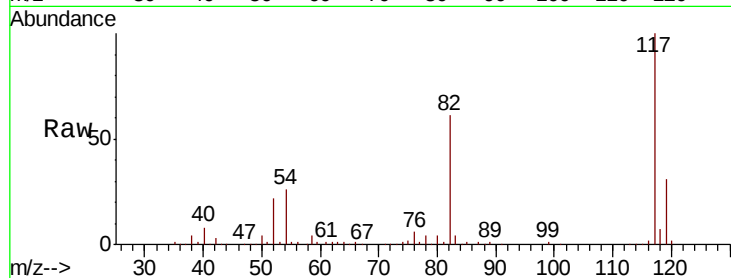




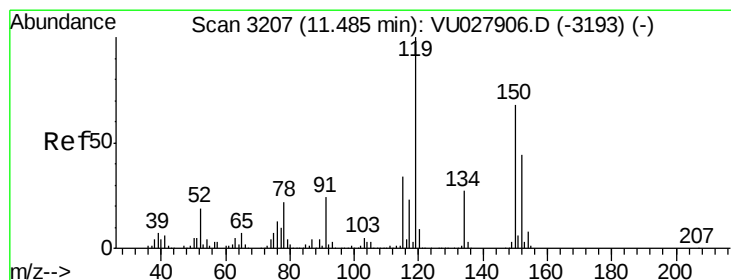
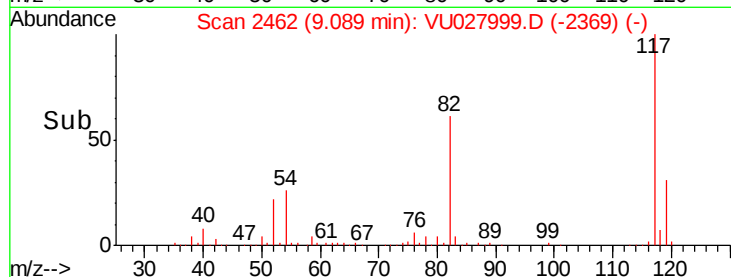
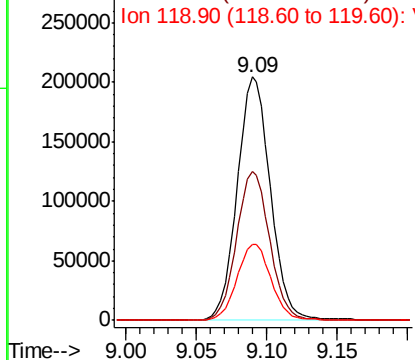
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027999.D
Acq: 07 Nov 2018 12:39

Instrument :
MSVOA_U
ClientSampleId :
PB114573ZHE#04

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.2	48.6	73.0
119	31.4	25.8	38.8

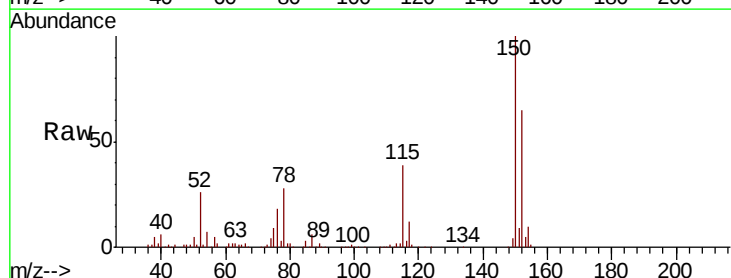


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU027999.D
Acq: 07 Nov 2018 12:39

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.8	43.0	129.0
150	153.3	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

