

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061318\
 Data File : VU024509.D
 Acq On : 13 Jun 2018 15:50
 Operator : MD/SY
 Sample : PB110190ZHE#10
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB110190ZHE#10

Quant Time: Jun 13 17:16:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

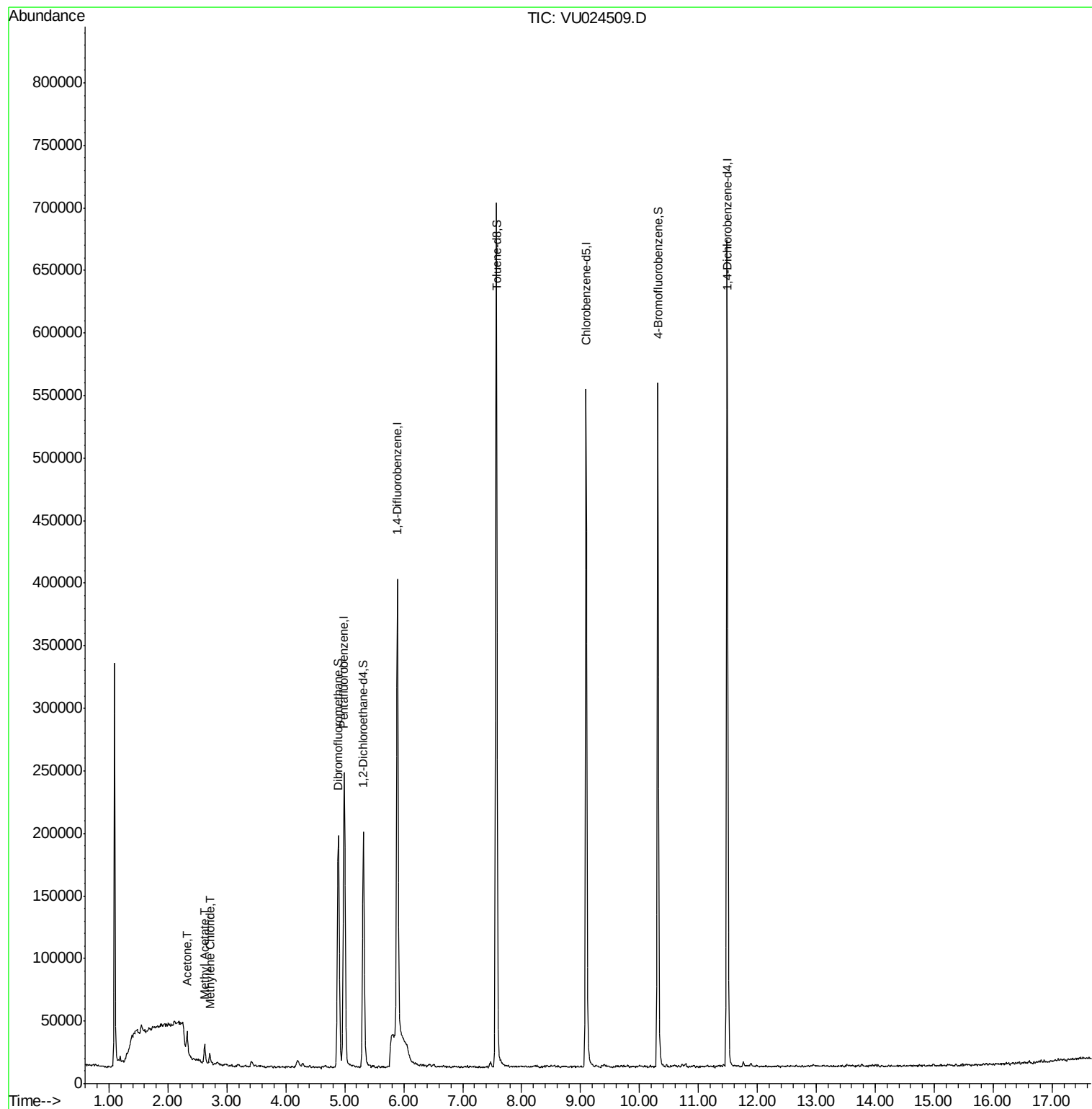
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	186825	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	318981	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	303427	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	174931	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.32	65	149270	48.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.88%	
35) Dibromofluoromethane	4.89	113	130008	49.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.22%	
50) Toluene-d8	7.57	98	467323	48.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.80%	
62) 4-Bromofluorobenzene	10.31	95	187180	48.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.64%	
Target Compounds						
16) Acetone	2.32	43	18718	11.422	ug/l	Qvalue 100
18) Methyl Acetate	2.62	43	17997	5.123	ug/l	98
20) Methylene Chloride	2.71	84	3840	1.493	ug/l #	93

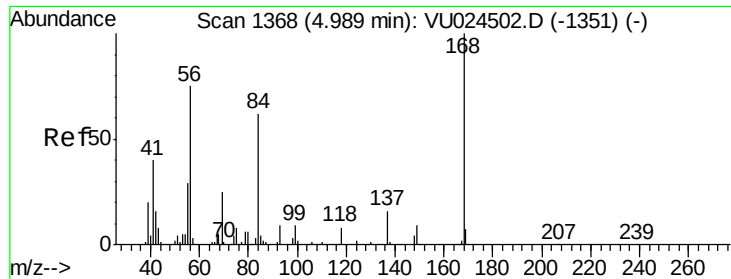
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1369

Delta R.T. 0.00 min

Lab File: VU024509.D

Acq: 13 Jun 2018 15:50

Instrument :

MSVOA_U

ClientSampleId :

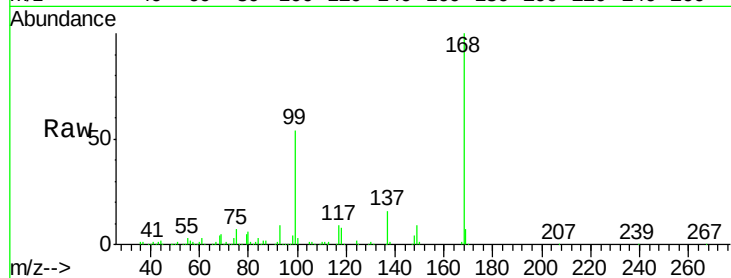
PB110190ZHE#10

Tot Ion:168 Resp: 186825

Ion Ratio Lower Upper

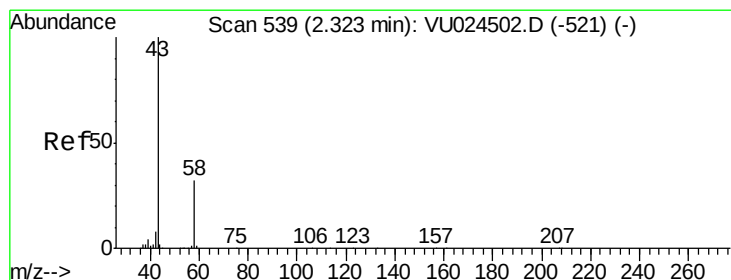
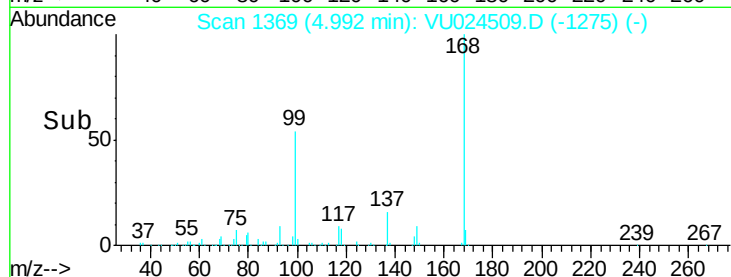
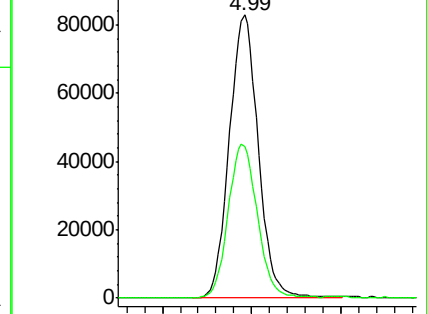
168 100

99 53.4 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024509.D (-1275) (-)

Ion 98.90 (98.60 to 99.60): VU024509.D (-1275) (-)



#16

Acetone

Concen: 11.422 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU024509.D

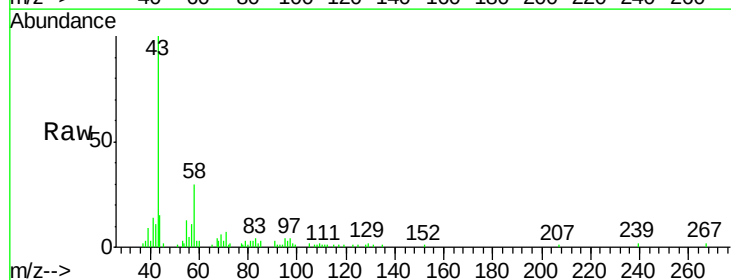
Acq: 13 Jun 2018 15:50

Tgt Ion: 43 Resp: 18718

Ion Ratio Lower Upper

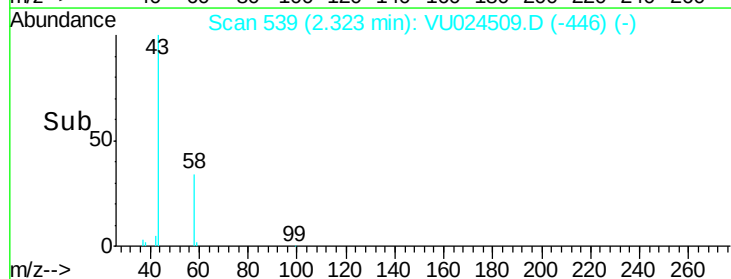
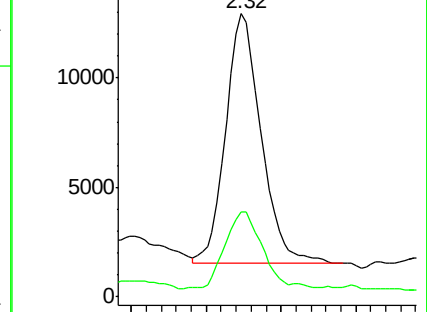
43 100

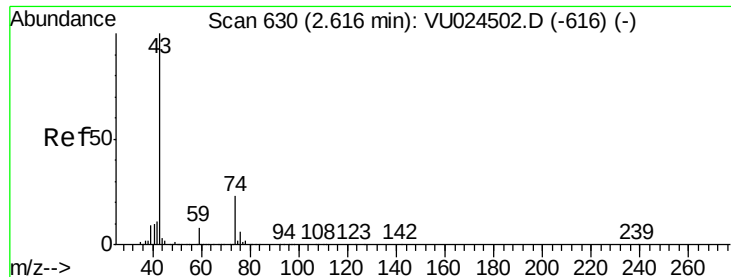
58 30.4 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU024509.D (-446) (-)

Ion 58.00 (57.70 to 58.70): VU024509.D (-446) (-)

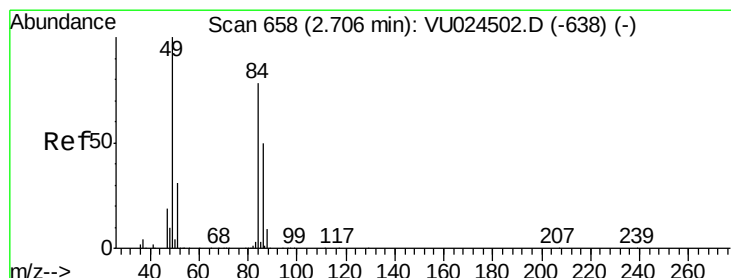
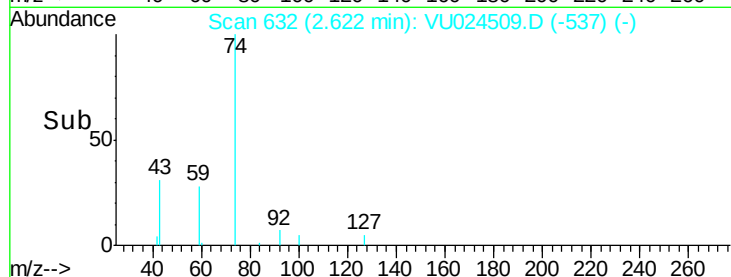
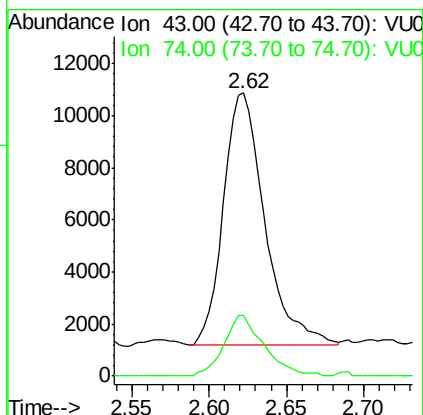
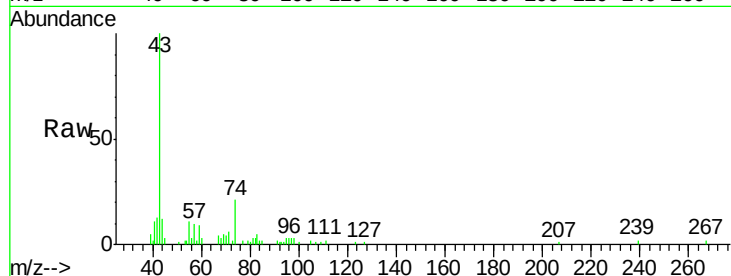




#18
Methvl Acetate
Concen: 5.123 ug/l
RT: 2.62 min Scan# 632
Delta R.T. 0.01 min
Lab File: VU024509.D
Acq: 13 Jun 2018 15:50

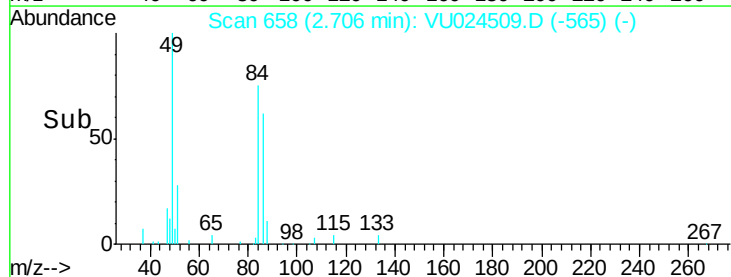
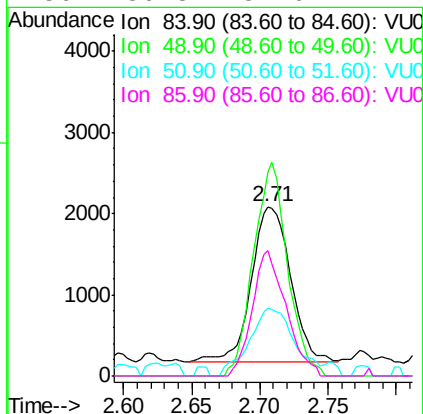
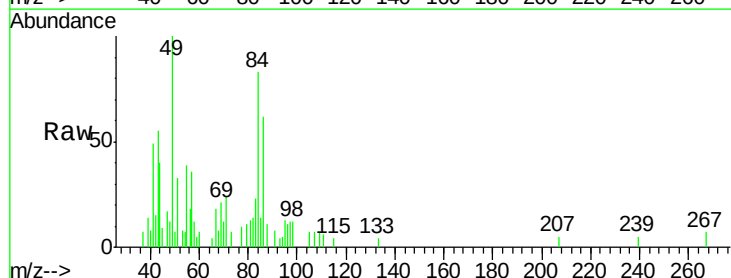
Instrument :
MSVOA_U
ClientSampleId :
PB110190ZHE#10

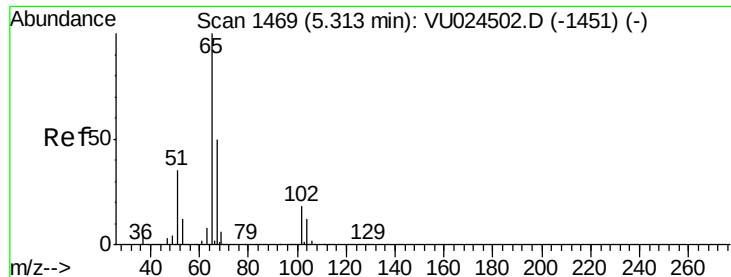
Tot Ion: 43 Resp: 17997
Ion Ratio Lower Upper
43 100
74 23.4 18.0 27.0



#20
Methylene Chloride
Concen: 1.493 ug/l
RT: 2.71 min Scan# 658
Delta R.T. 0.00 min
Lab File: VU024509.D
Acq: 13 Jun 2018 15:50

Tgt Ion: 84 Resp: 3840
Ion Ratio Lower Upper
84 100
49 131.2 103.8 155.8
51 43.7 32.0 48.0
86 80.8 51.6 77.4#

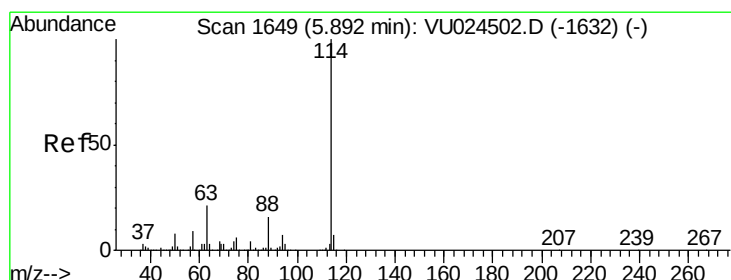
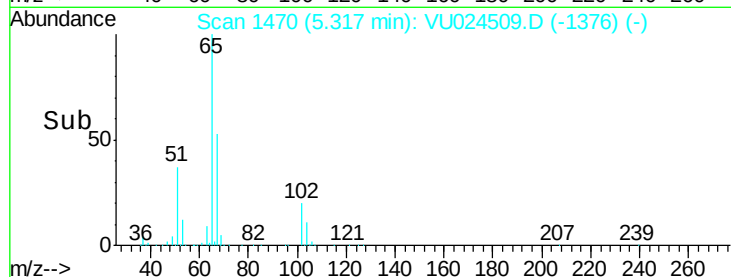
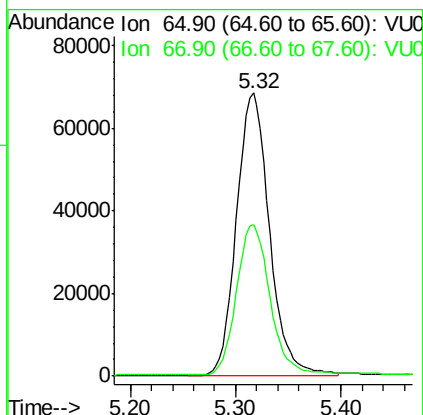
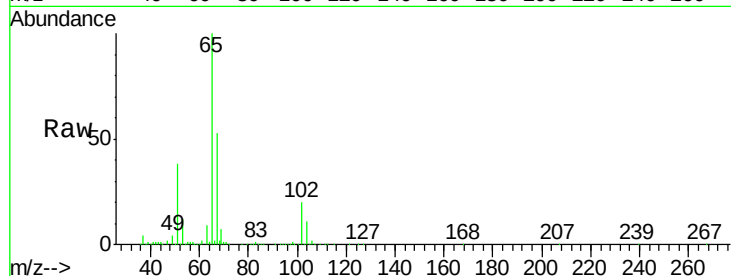




#33
 1,2-Dichloroethane-d4
 Concen: 48.942 ug/l
 RT: 5.32 min Scan# 1470
 Delta R.T. 0.00 min
 Lab File: VU024509.D
 Acq: 13 Jun 2018 15:50

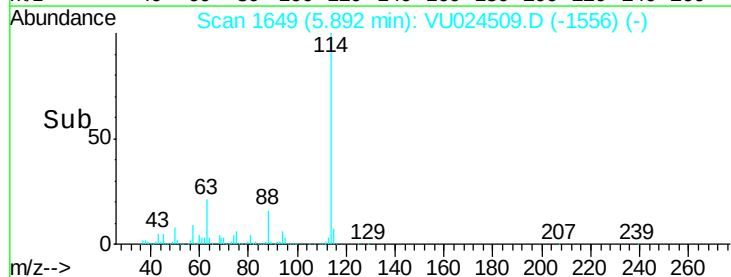
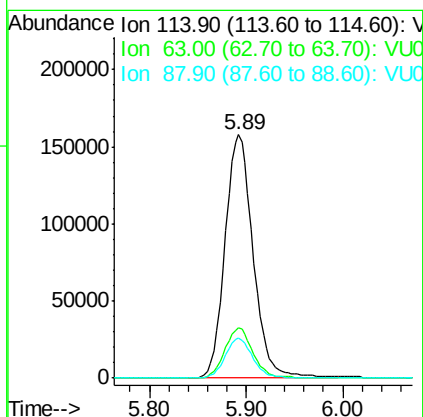
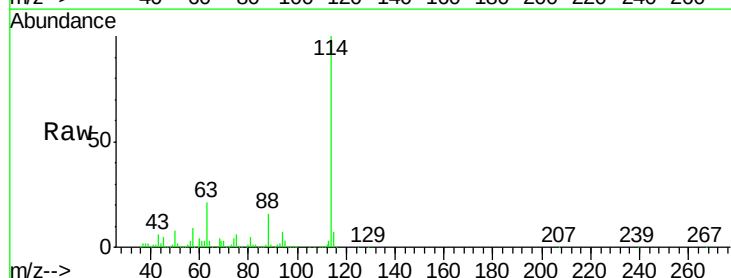
Instrument :
 MSVOA_U
 ClientSampleId :
 PB110190ZHE#10

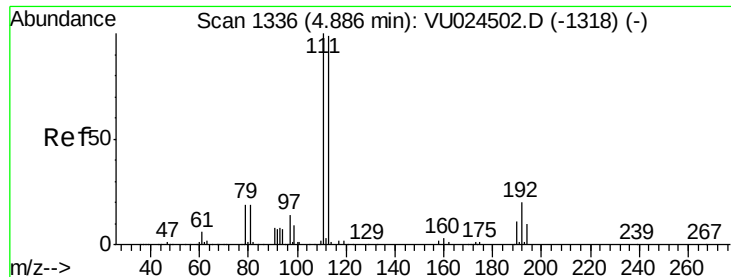
Tot Ion: 65 Resp: 149270
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU024509.D
 Acq: 13 Jun 2018 15:50

Tgt Ion: 114 Resp: 318981
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 45.4
 88 16.4 0.0 31.0

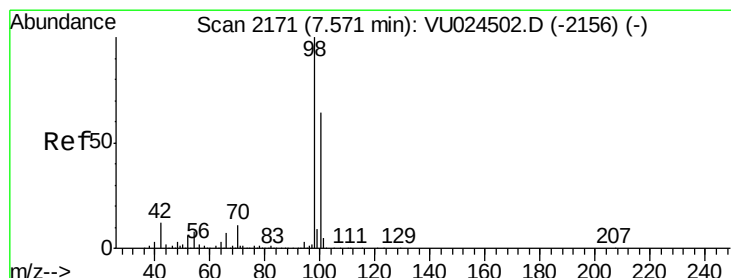
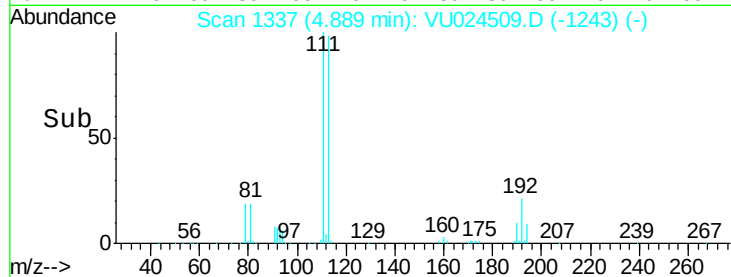
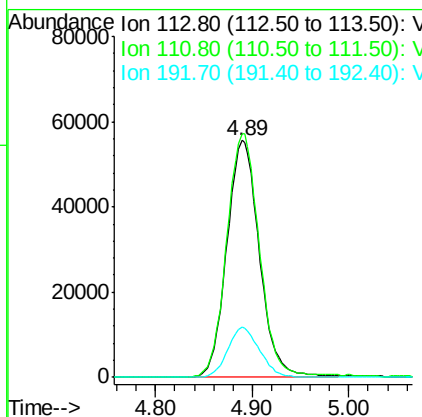
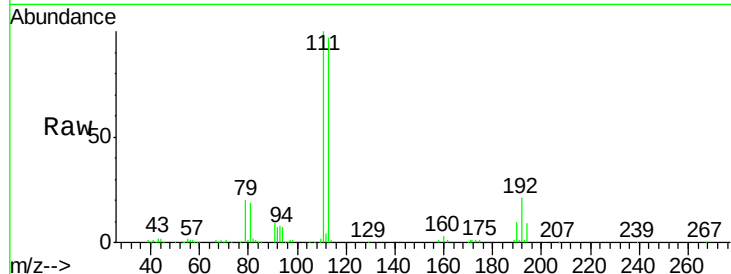




#35
 Dibromofluoromethane
 Concen: 49.110 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU024509.D
 Acq: 13 Jun 2018 15:50

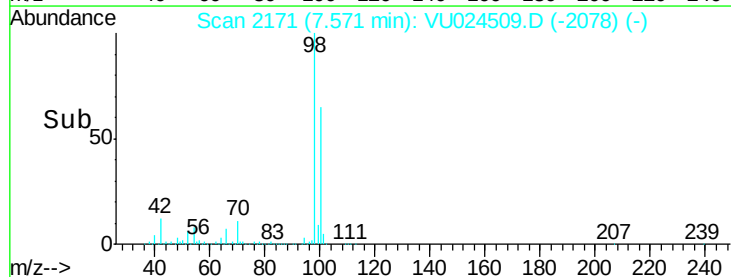
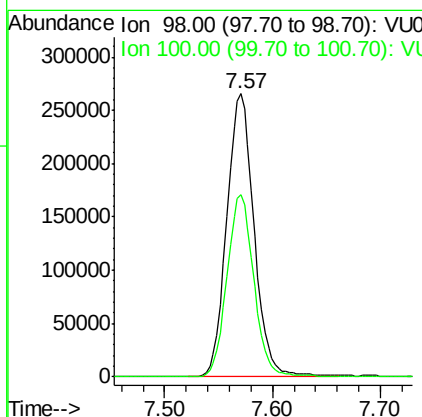
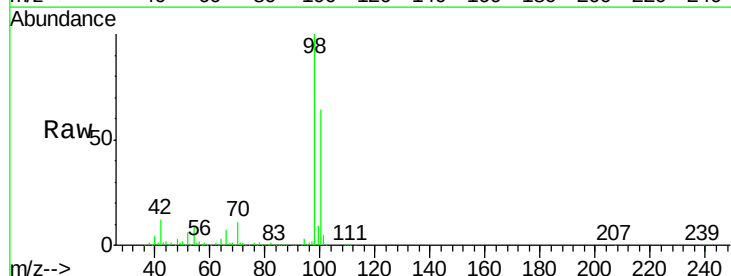
Instrument :
 MSVOA_U
 ClientSampleId :
 PB110190ZHE#10

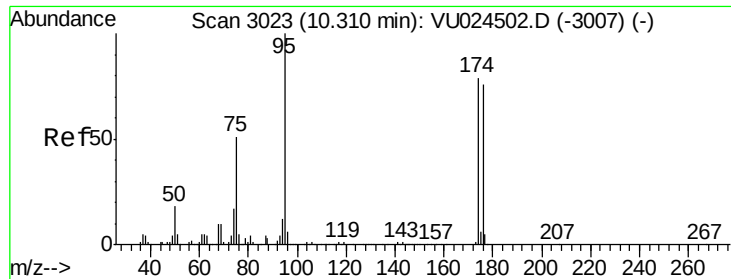
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.2	123.4
192	20.9	16.2	24.4



#50
 Toluene-d8
 Concen: 48.396 ug/l
 RT: 7.57 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VU024509.D
 Acq: 13 Jun 2018 15:50

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.1	76.7

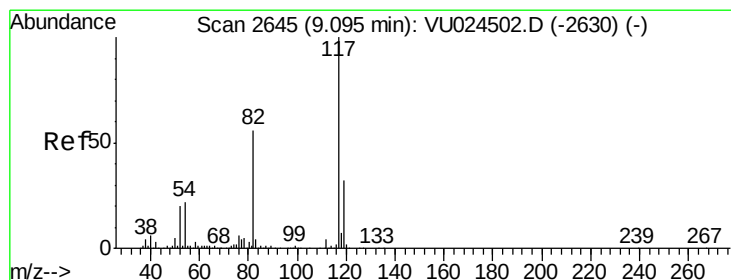
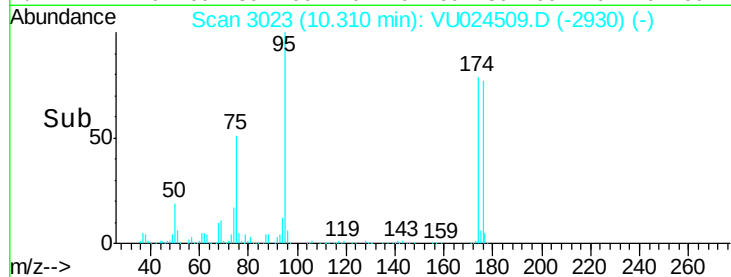
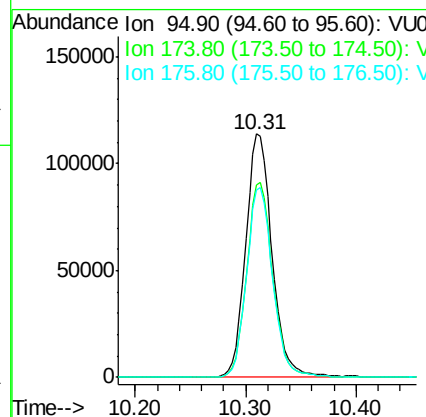
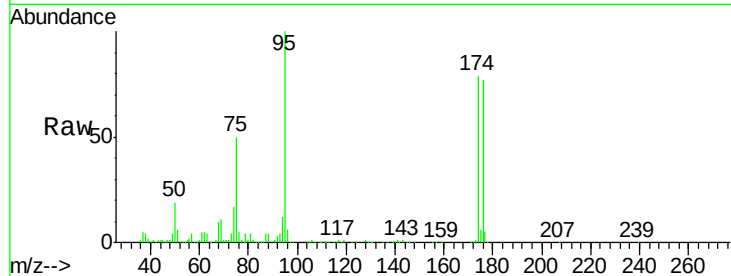




#62
4-Bromofluorobenzene
Concen: 48.822 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU024509.D
Acq: 13 Jun 2018 15:50

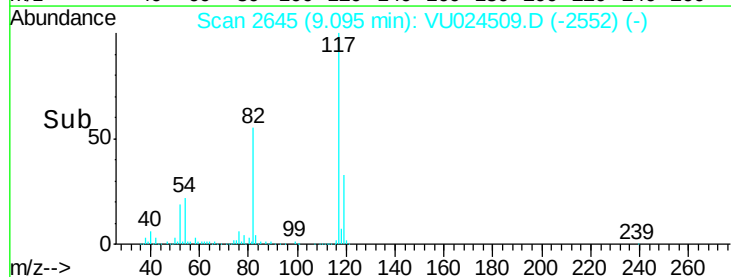
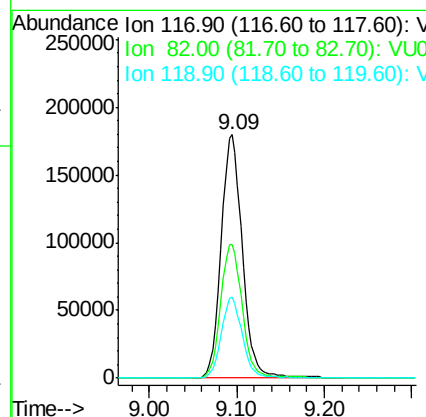
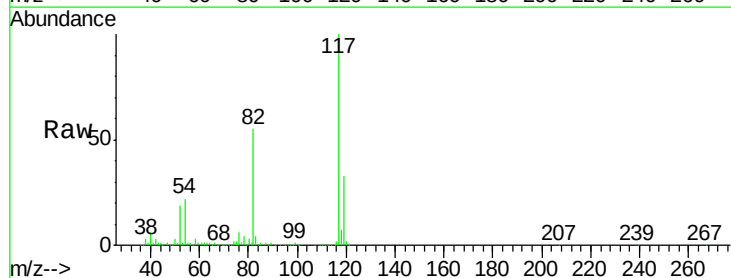
Instrument :
MSVOA_U
ClientSampleId :
PB110190ZHE#10

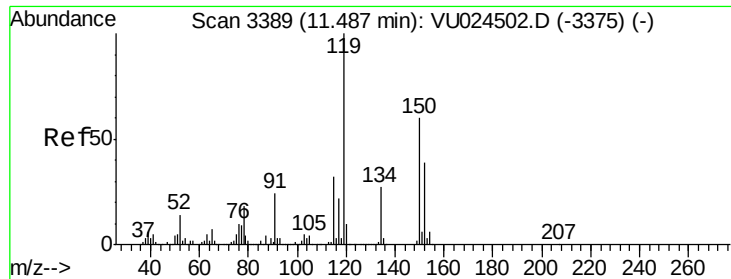
Tot Ion	95	Resp	187180
Ion Ratio	100		
Lower			
Upper			
174	79.9	0.0	165.8
176	78.0	0.0	159.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU024509.D
Acq: 13 Jun 2018 15:50

Tgt Ion	117	Resp	303427
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower			
Upper			
82	54.8	44.3	66.5
119	33.5	25.4	38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU024509.D

Acq: 13 Jun 2018 15:50

Instrument :

MSVOA_U

ClientSampleId :

PB110190ZHE#10

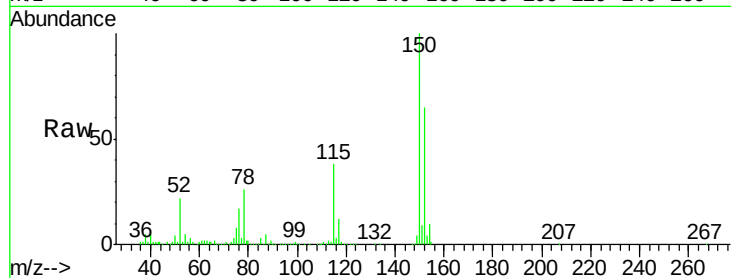
Tot Ion:152 Resp: 174931

Ion Ratio Lower Upper

152 100

115 59.6 43.0 129.0

150 155.6 0.0 354.0



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

