

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061318\
 Data File : VU024518.D
 Acq On : 13 Jun 2018 19:18
 Operator : MD/SY
 Sample : PB110190ZHE#17
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB110190ZHE#17

Quant Time: Jun 14 02:49:56 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

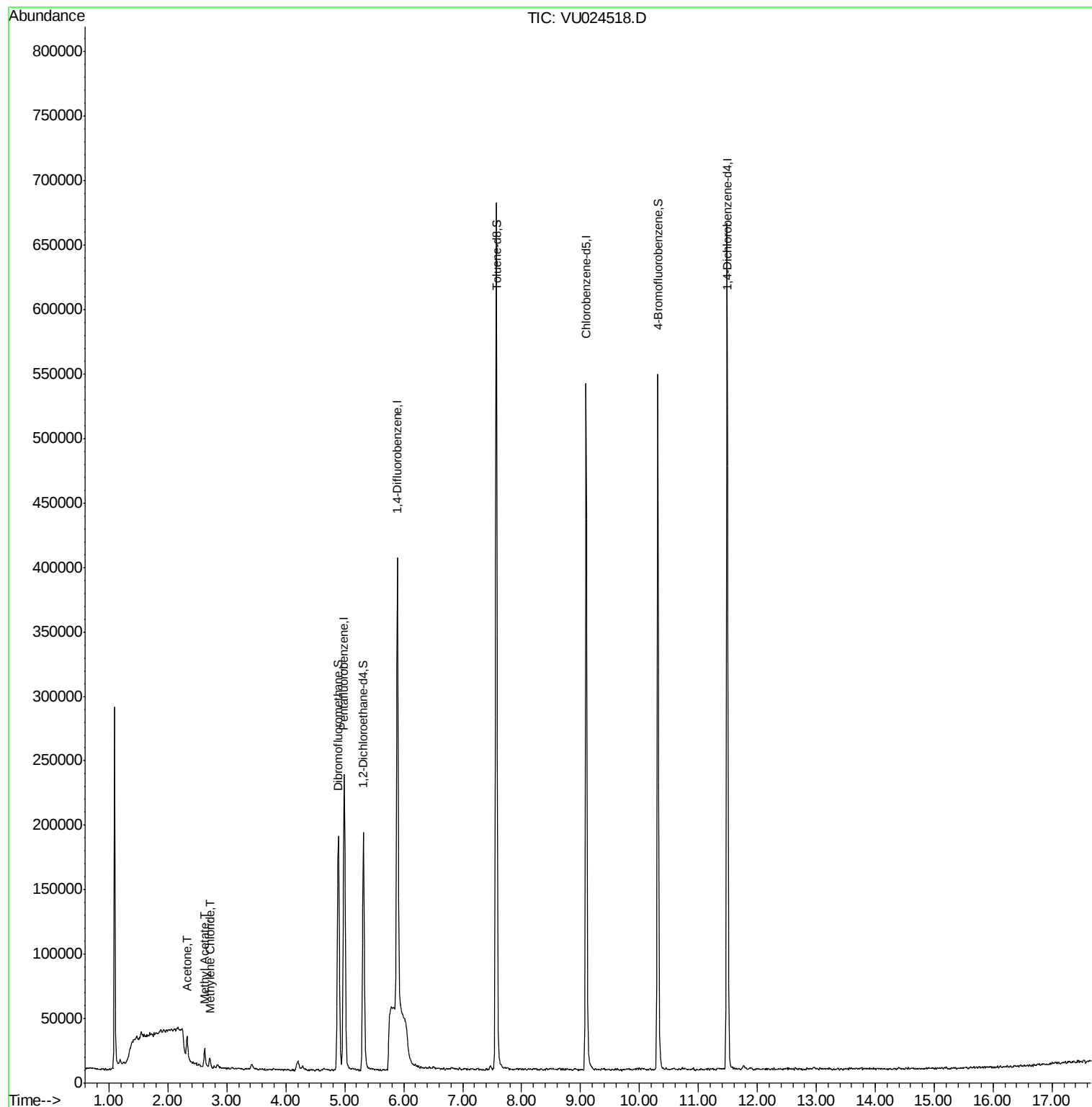
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	180795	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	309441	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	298617	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	172870	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	146447	49.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.24%	
35) Dibromofluoromethane	4.89	113	125323	48.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.60%	
50) Toluene-d8	7.57	98	457009	48.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.58%	
62) 4-Bromofluorobenzene	10.31	95	182683	49.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.24%	
Target Compounds						
16) Acetone	2.32	43	18721	11.805	ug/l	97
18) Methyl Acetate	2.62	43	16201	4.765	ug/l	98
20) Methylene Chloride	2.71	84	3288	1.321	ug/l	90

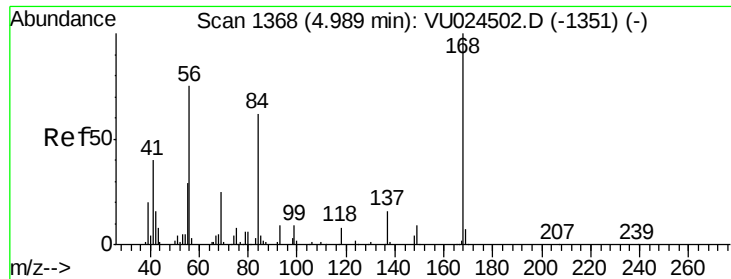
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU024518.D

Acq: 13 Jun 2018 19:18

Instrument :

MSVOA_U

ClientSampleId :

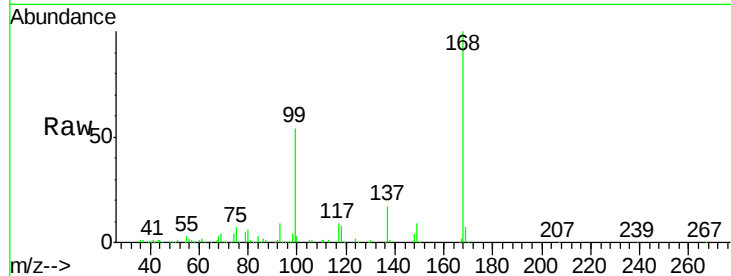
PB110190ZHE#17

Tot Ion:168 Resp: 180795

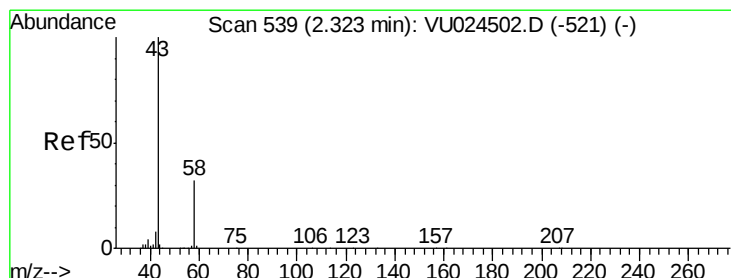
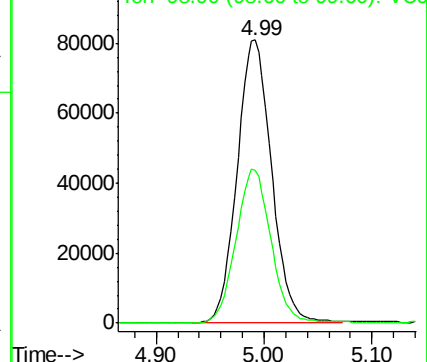
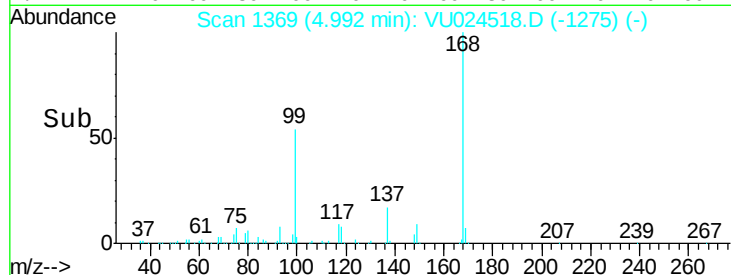
Ion Ratio Lower Upper

168 100

99 54.1 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024518.D (-1275) (-)



#16

Acetone

Concen: 11.805 ug/l

RT: 2.32 min Scan# 539

Delta R.T. -0.00 min

Lab File: VU024518.D

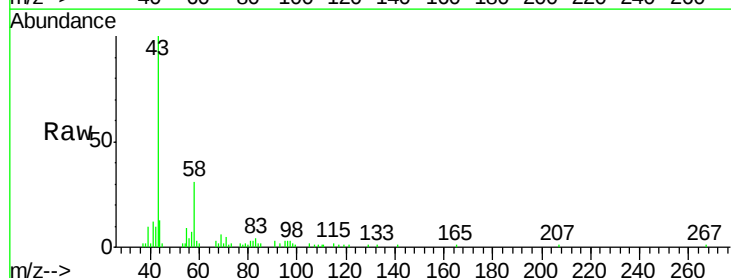
Acq: 13 Jun 2018 19:18

Tgt Ion: 43 Resp: 18721

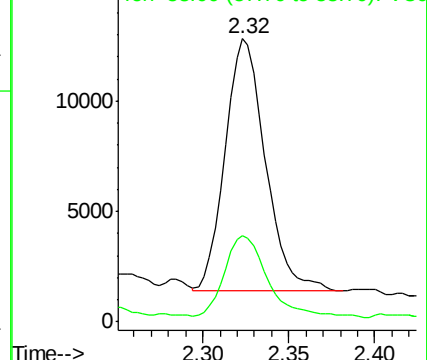
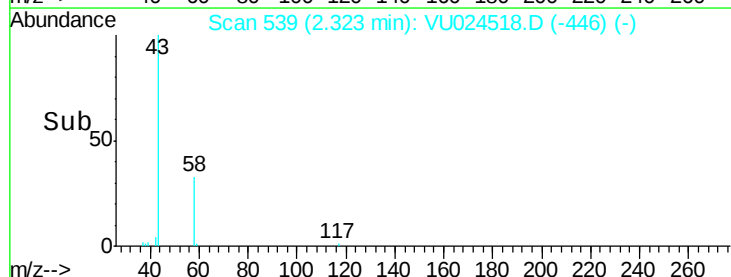
Ion Ratio Lower Upper

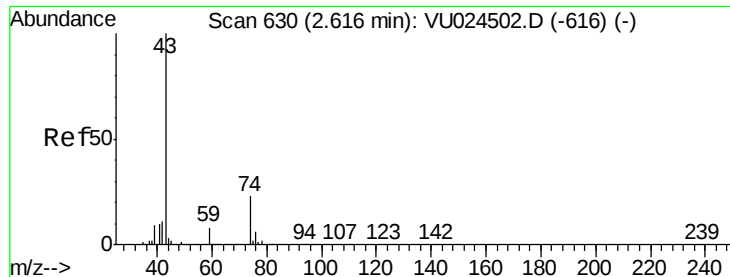
43 100

58 31.9 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU024518.D (-446) (-)

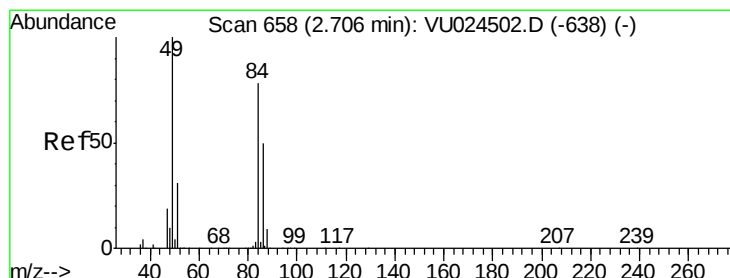
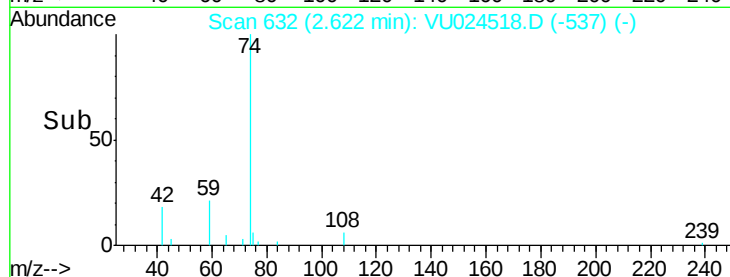
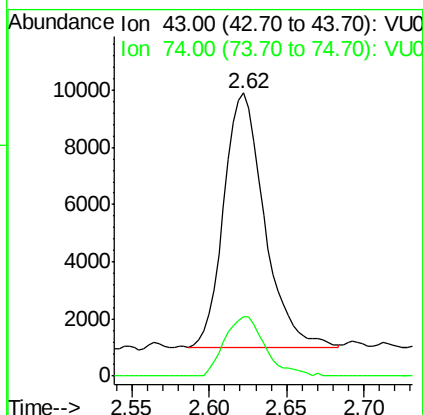
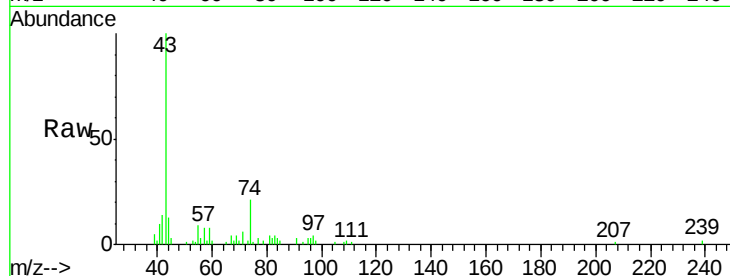




#18
Methvl Acetate
Concen: 4.765 ug/l
RT: 2.62 min Scan# 632
Delta R.T. 0.01 min
Lab File: VU024518.D
Acq: 13 Jun 2018 19:18

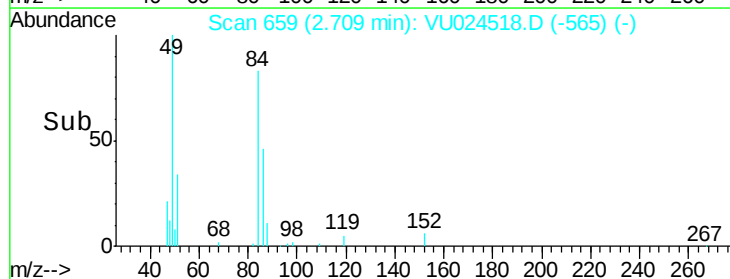
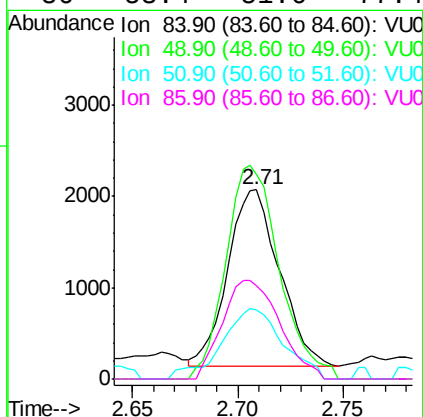
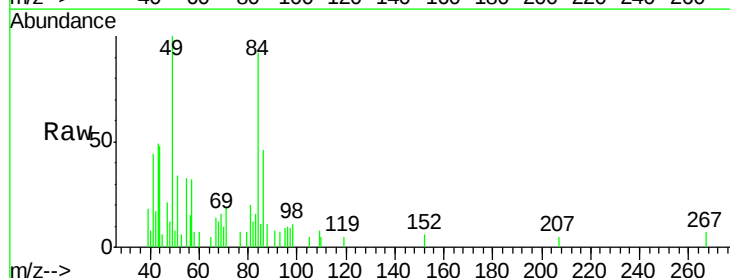
Instrument :
MSVOA_U
ClientSampleId :
PB110190ZHE#17

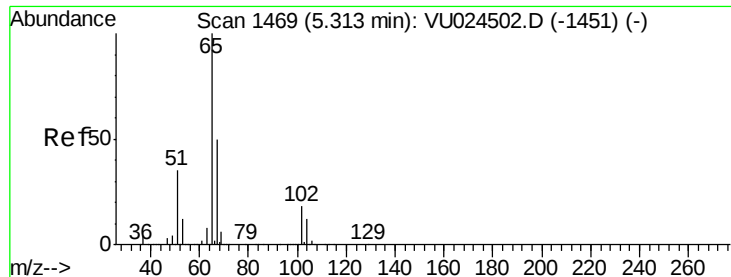
Tot Ion: 43 Resp: 16201
Ion Ratio Lower Upper
43 100
74 23.4 18.0 27.0



#20
Methylene Chloride
Concen: 1.321 ug/l
RT: 2.71 min Scan# 659
Delta R.T. 0.00 min
Lab File: VU024518.D
Acq: 13 Jun 2018 19:18

Tgt Ion: 84 Resp: 3288
Ion Ratio Lower Upper
84 100
49 116.6 103.8 155.8
51 39.6 32.0 48.0
86 53.4 51.6 77.4

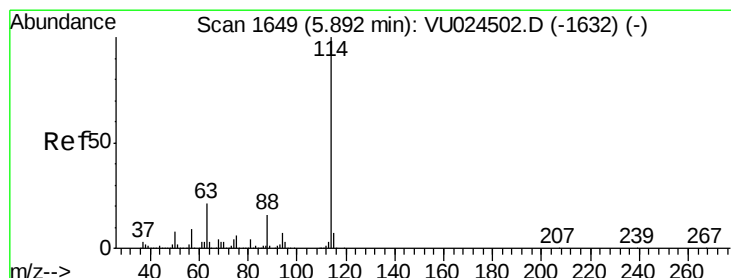
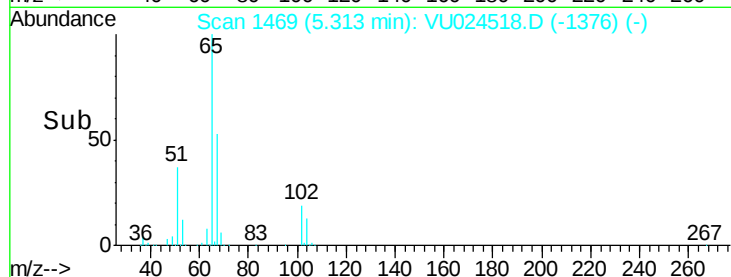
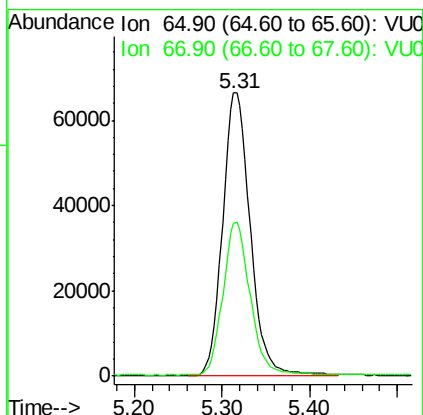
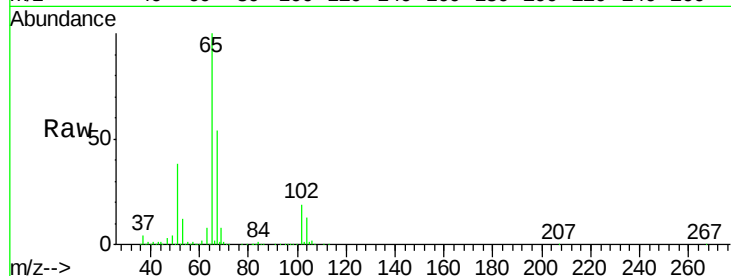




#33
 1,2-Dichloroethane-d4
 Concen: 49.618 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VU024518.D
 Acq: 13 Jun 2018 19:18

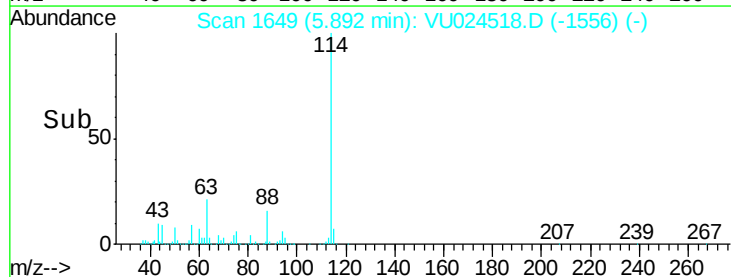
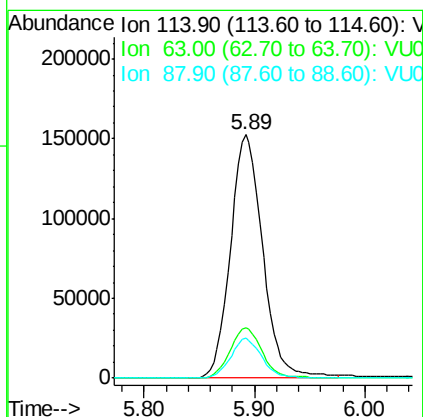
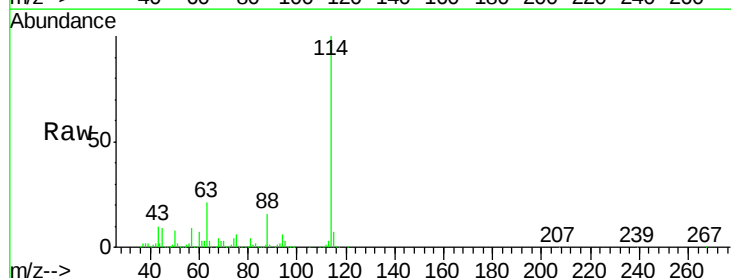
Instrument :
 MSVOA_U
 ClientSampleId :
 PB110190ZHE#17

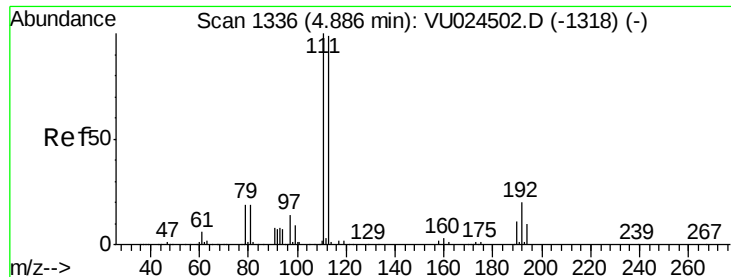
Tot Ion: 65 Resp: 146447
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. -0.00 min
 Lab File: VU024518.D
 Acq: 13 Jun 2018 19:18

Tgt Ion: 114 Resp: 309441
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 45.4
 88 16.4 0.0 31.0

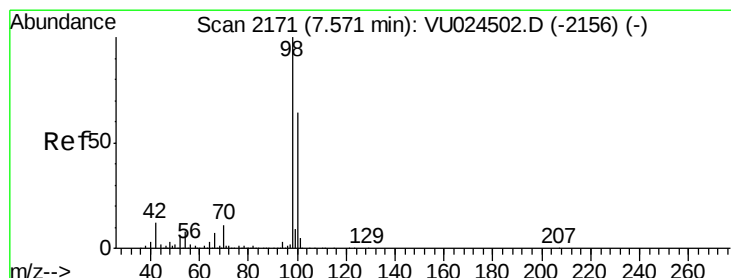
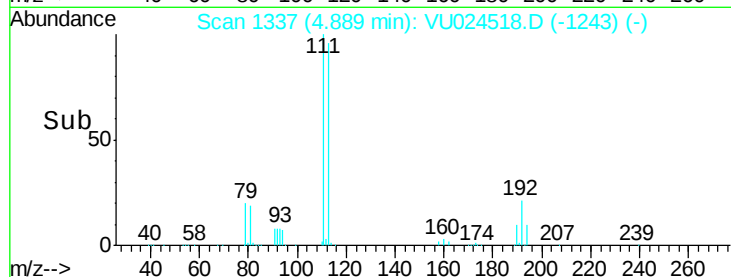
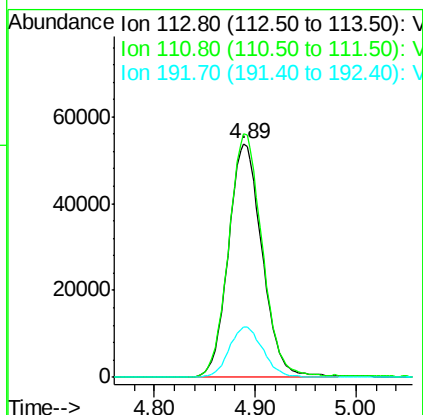
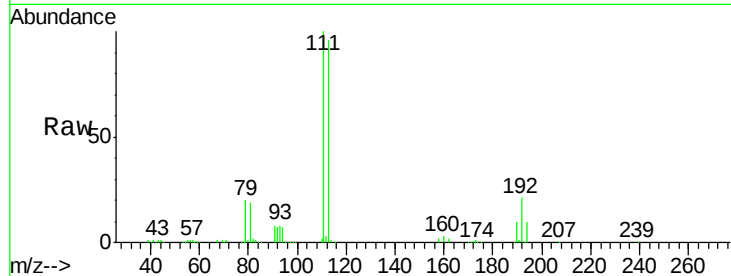




#35
 Dibromofluoromethane
 Concen: 48.799 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU024518.D
 Acq: 13 Jun 2018 19:18

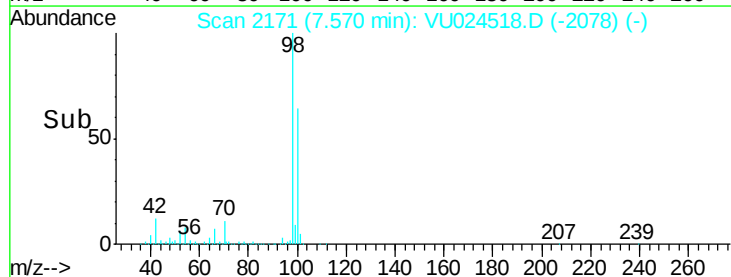
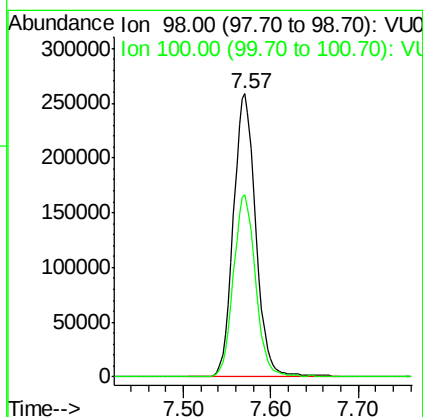
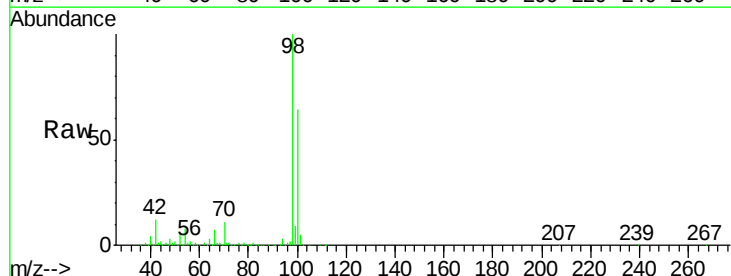
Instrument :
 MSVOA_U
 ClientSampleId :
 PB110190ZHE#17

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.2	123.4
192	21.6	16.2	24.4



#50
 Toluene-d8
 Concen: 48.787 ug/l
 RT: 7.57 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VU024518.D
 Acq: 13 Jun 2018 19:18

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.1	76.7





#62

4-Bromofluorobenzene

Concen: 49.118 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU024518.D

Acq: 13 Jun 2018 19:18

Instrument :

MSVOA_U

ClientSampleId :

PB110190ZHE#17

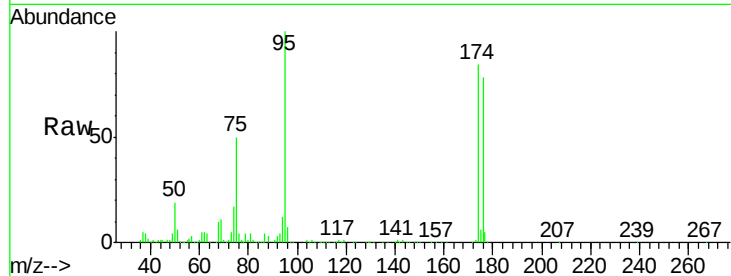
Tot Ion: 95 Resp: 182683

Ion Ratio Lower Upper

95 100

174 83.6 0.0 165.8

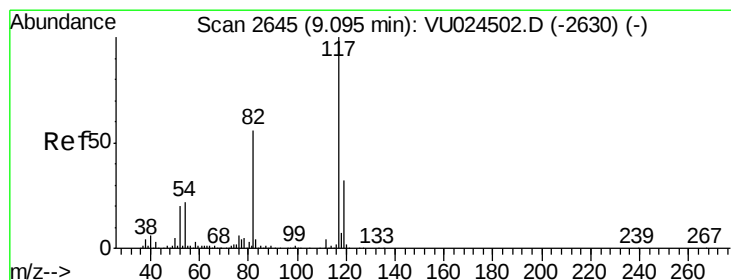
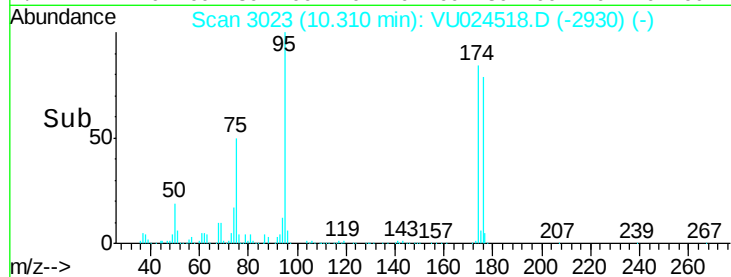
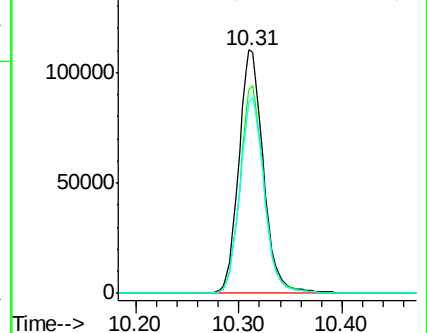
176 79.8 0.0 159.4



Abundance Ion 94.90 (94.60 to 95.60): VU024518.D (-2930) (-)

Ion 173.80 (173.50 to 174.50): VU024518.D (-2930) (-)

Ion 175.80 (175.50 to 176.50): VU024518.D (-2930) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2645

Delta R.T. -0.00 min

Lab File: VU024518.D

Acq: 13 Jun 2018 19:18

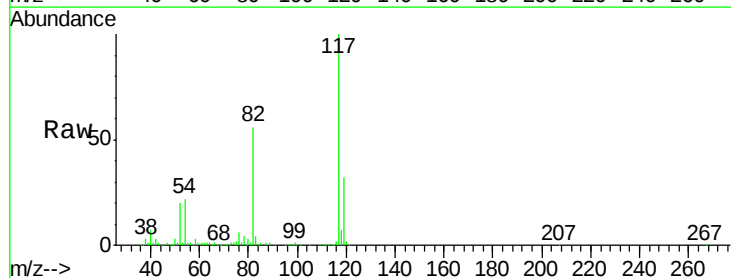
Tgt Ion: 117 Resp: 298617

Ion Ratio Lower Upper

117 100

82 56.4 44.3 66.5

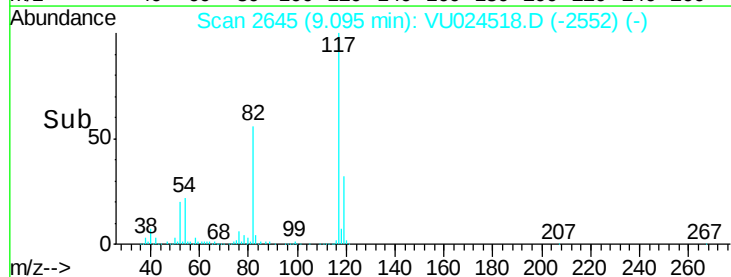
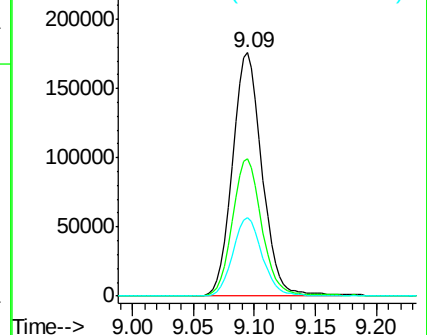
119 32.4 25.4 38.2

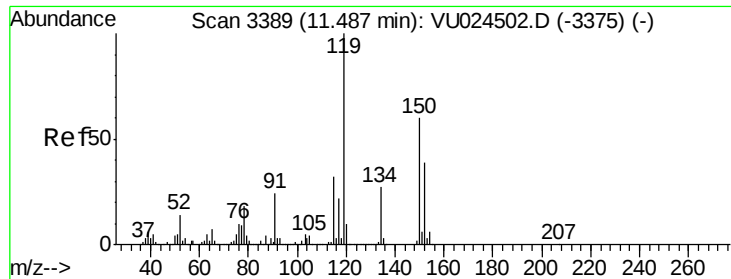


Abundance Ion 116.90 (116.60 to 117.60): VU024518.D (-2552) (-)

Ion 82.00 (81.70 to 82.70): VU024518.D (-2552) (-)

Ion 118.90 (118.60 to 119.60): VU024518.D (-2552) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VU024518.D

Acq: 13 Jun 2018 19:18

Instrument :

MSVOA_U

ClientSampleId :

PB110190ZHE#17

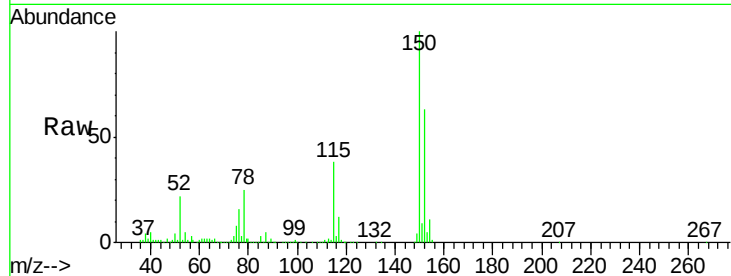
Tot Ion:152 Resp: 172870

Ion Ratio Lower Upper

152 100

115 58.7 43.0 129.0

150 157.9 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

