

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071218\
 Data File : VU025365.D
 Acq On : 13 Jul 2018 02:25
 Operator : MD/SY
 Sample : PB111044TB
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB111044TB

Quant Time: Jul 13 05:10:52 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070918W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 10 09:34:16 2018
 Response via : Initial Calibration

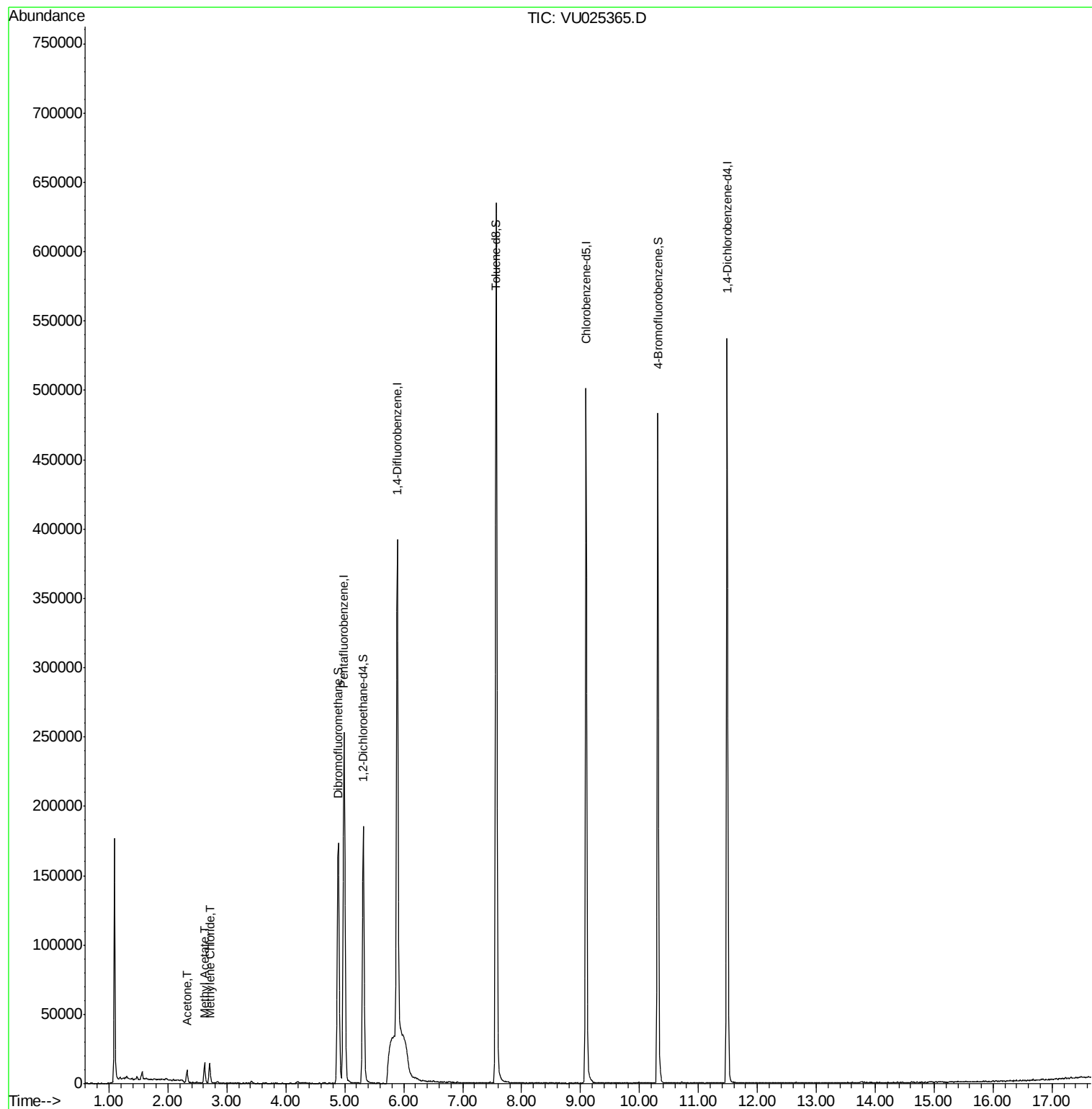
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	194299	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	301467	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	278228	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	143642	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	152681	50.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.16%	
35) Dibromofluoromethane	4.89	113	116882	45.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.92%	
50) Toluene-d8	7.57	98	434863	49.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.86%	
62) 4-Bromofluorobenzene	10.31	95	158050	45.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.16%	
Target Compounds						
16) Acetone	2.32	43	9839	11.130	ug/l	97
18) Methyl Acetate	2.62	43	16882	5.462	ug/l	100
20) Methylene Chloride	2.71	84	6470	3.424	ug/l	97

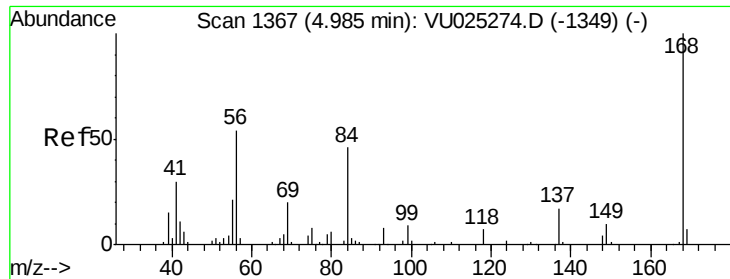
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025365.D

Acq: 13 Jul 2018 02:25

Instrument :

MSVOA_U

ClientSampleId :

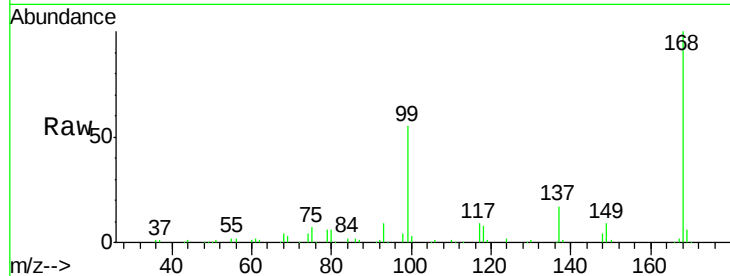
PB111044TB

Tot Ion:168 Resp: 194299

Ion Ratio Lower Upper

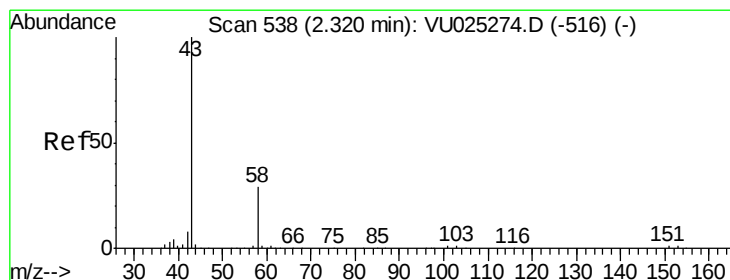
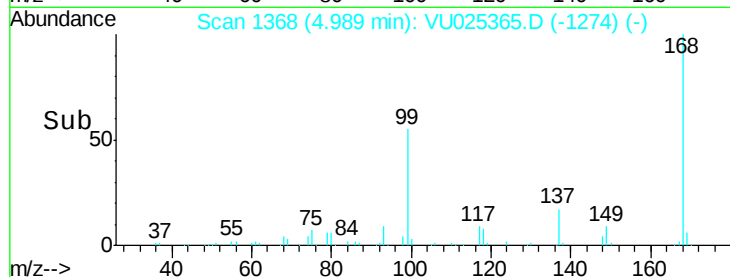
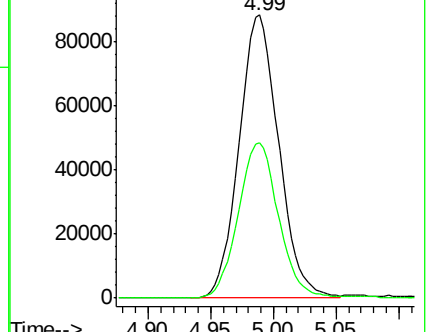
168 100

99 55.1 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025274.D (-1349) (-)

Ion 98.90 (98.60 to 99.60): VU025274.D (-1349) (-)



#16

Acetone

Concen: 11.130 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025365.D

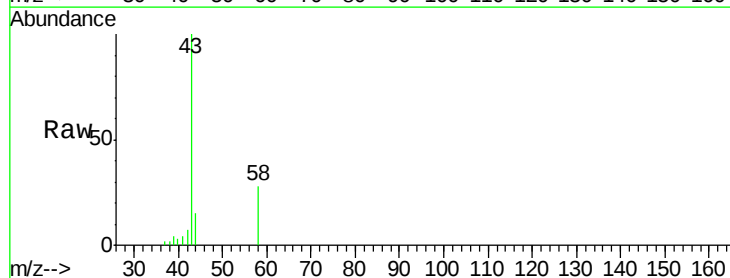
Acq: 13 Jul 2018 02:25

Tgt Ion: 43 Resp: 9839

Ion Ratio Lower Upper

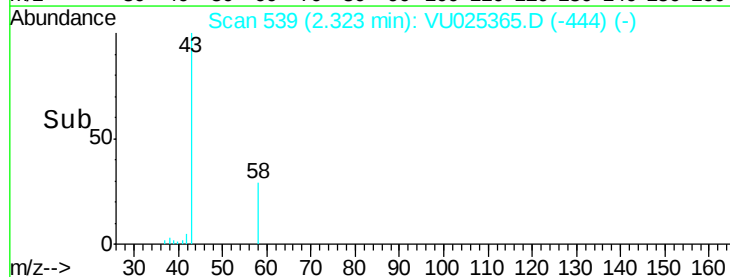
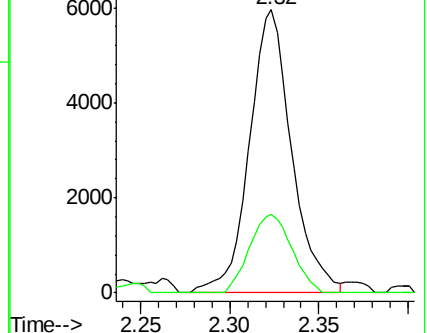
43 100

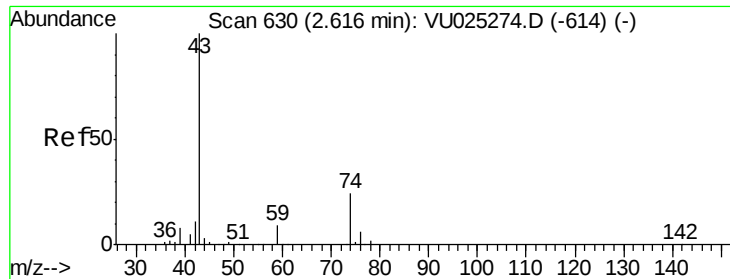
58 27.6 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VU025274.D (-516) (-)

Ion 58.00 (57.70 to 58.70): VU025274.D (-516) (-)

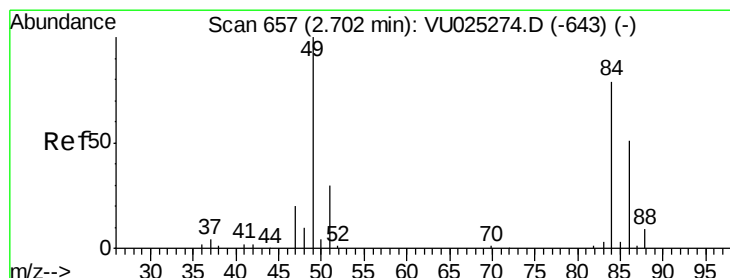
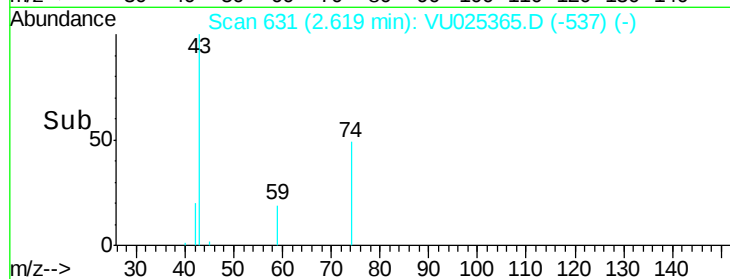
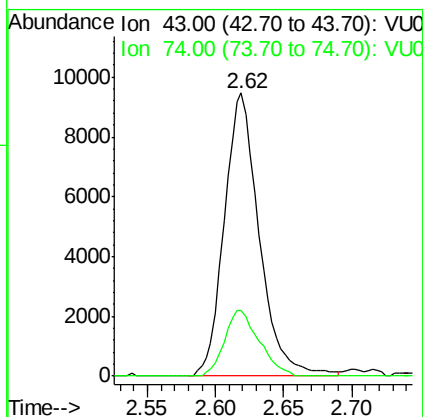
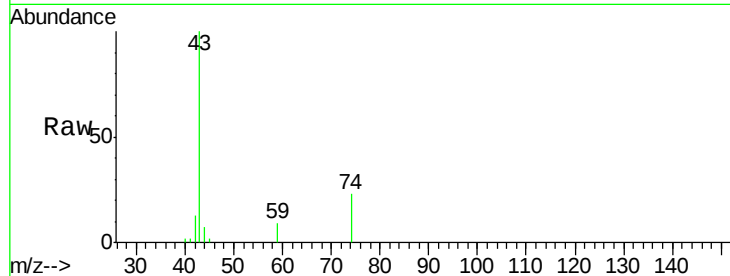




#18
Methyl Acetate
Concen: 5.462 ug/l
RT: 2.62 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU025365.D
Acq: 13 Jul 2018 02:25

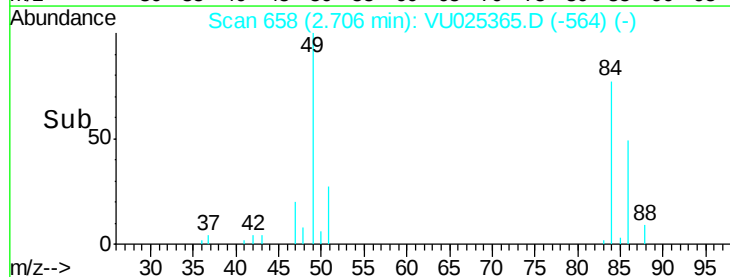
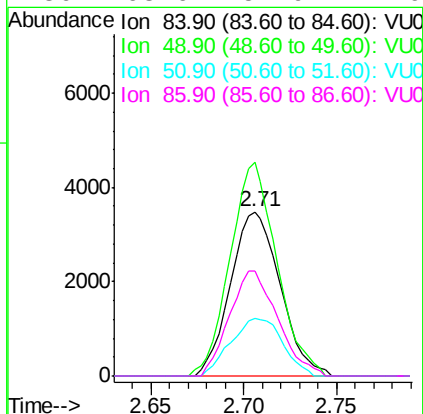
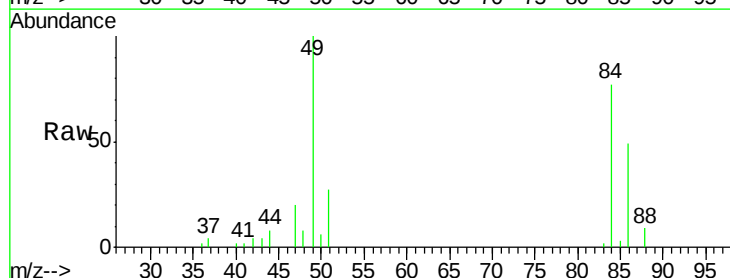
Instrument :
MSVOA_U
ClientSampled :
PB111044TB

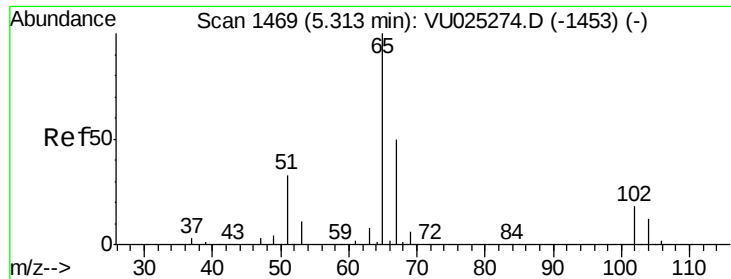
Tot Ion: 43 Resp: 16882
Ion Ratio Lower Upper
43 100
74 22.9 18.5 27.7



#20
Methylene Chloride
Concen: 3.424 ug/l
RT: 2.71 min Scan# 658
Delta R.T. 0.00 min
Lab File: VU025365.D
Acq: 13 Jul 2018 02:25

Tgt Ion: 84 Resp: 6470
Ion Ratio Lower Upper
84 100
49 129.9 101.8 152.6
51 35.3 30.8 46.2
86 63.6 51.9 77.9





#33

1,2-Dichloroethane-d4

Concen: 50.579 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU025365.D

Acq: 13 Jul 2018 02:25

Instrument :

MSVOA_U

ClientSampleId :

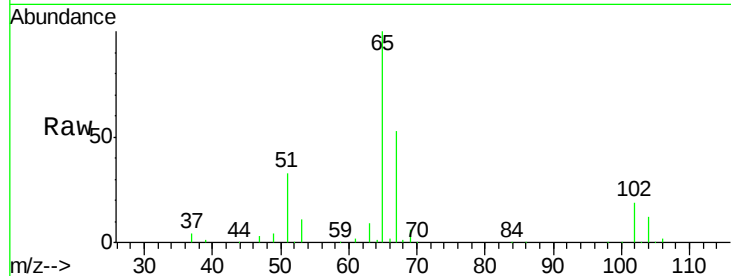
PB111044TB

Tot Ion: 65 Resp: 152681

Ion Ratio Lower Upper

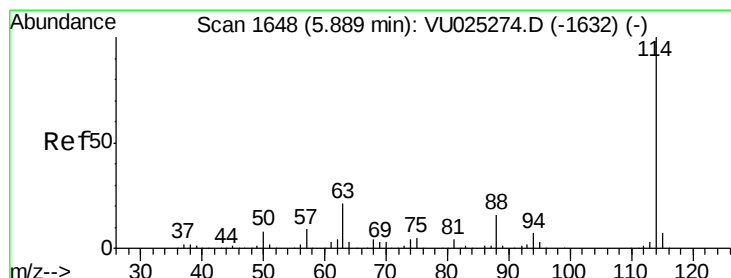
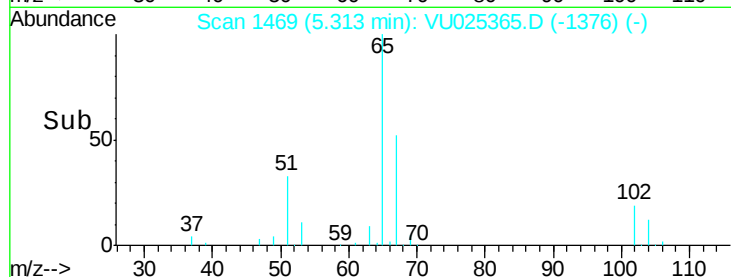
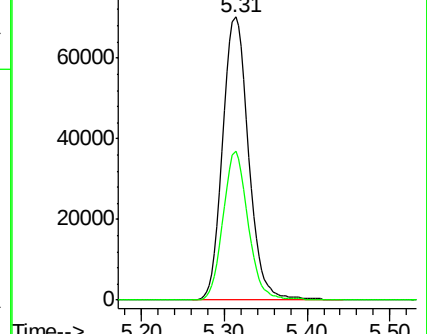
65 100

67 50.6 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1648

Delta R.T. 0.00 min

Lab File: VU025365.D

Acq: 13 Jul 2018 02:25

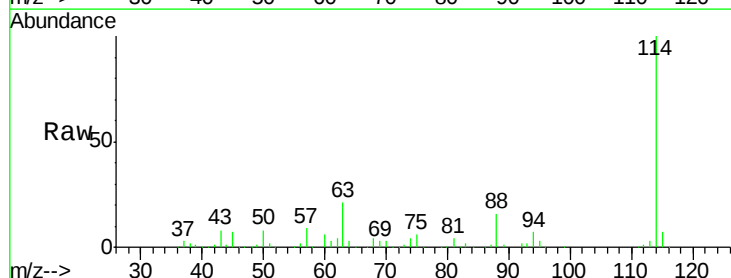
Tgt Ion: 114 Resp: 301467

Ion Ratio Lower Upper

114 100

63 20.8 0.0 41.6

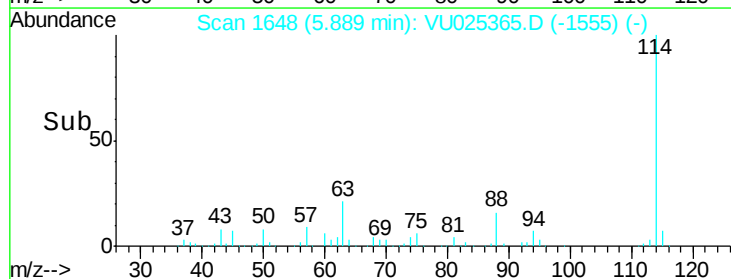
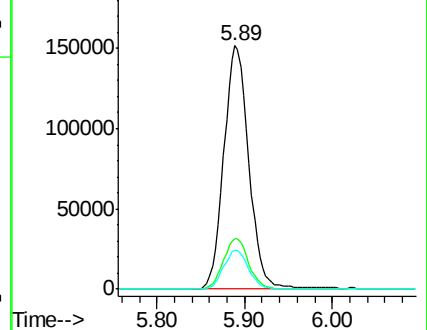
88 16.1 0.0 32.4

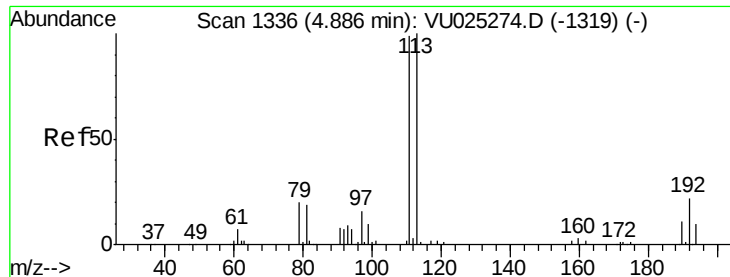


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0

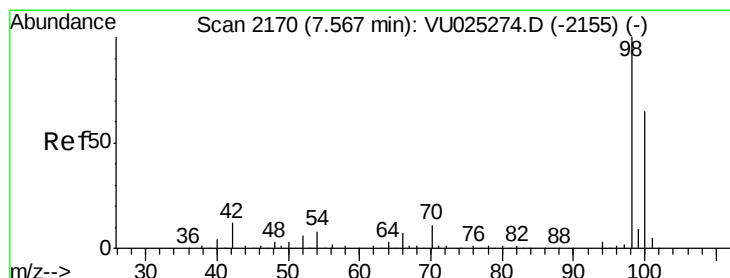
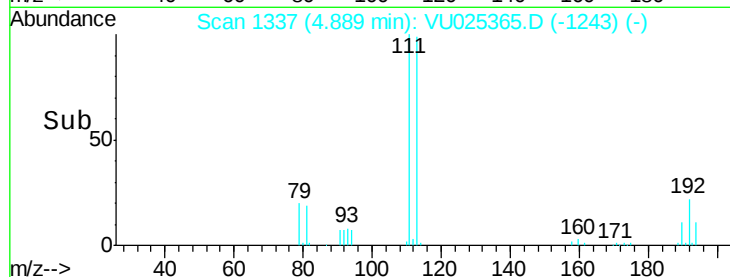
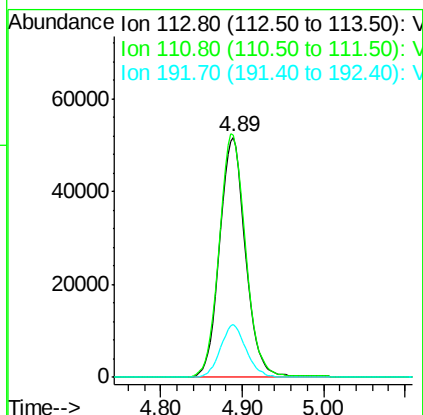
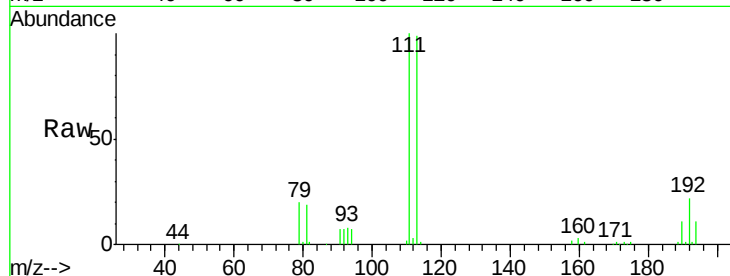




#35
 Dibromofluoromethane
 Concen: 45.960 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU025365.D
 Acq: 13 Jul 2018 02:25

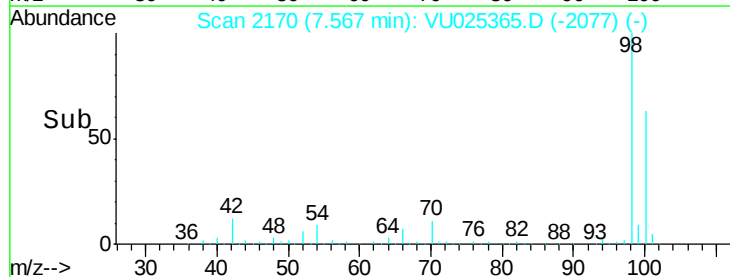
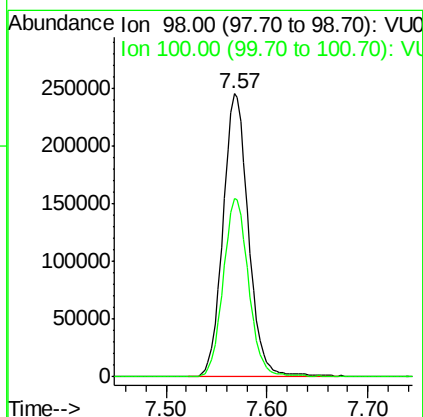
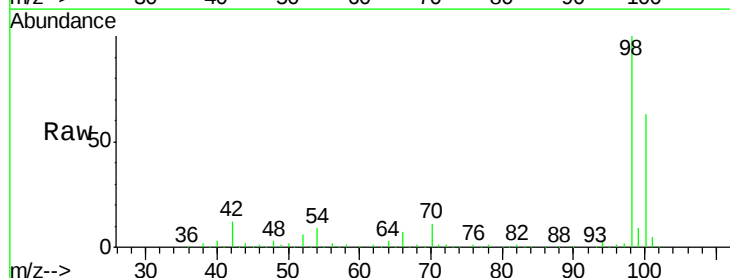
Instrument :
 MSVOA_U
 ClientSampleId :
 PB111044TB

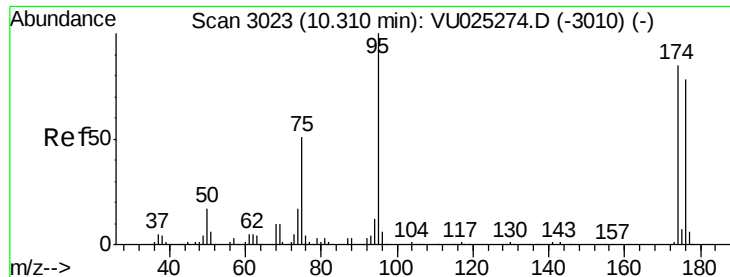
Tot Ion:113 Resp: 116882
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.7 122.5
 192 21.7 17.1 25.7



#50
 Toluene-d8
 Concen: 49.935 ug/l
 RT: 7.57 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VU025365.D
 Acq: 13 Jul 2018 02:25

Tgt Ion: 98 Resp: 434863
 Ion Ratio Lower Upper
 98 100
 100 62.9 51.1 76.7





#62

4-Bromofluorobenzene

Concen: 45.078 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025365.D

Acq: 13 Jul 2018 02:25

Instrument :

MSVOA_U

ClientSampleId :

PB111044TB

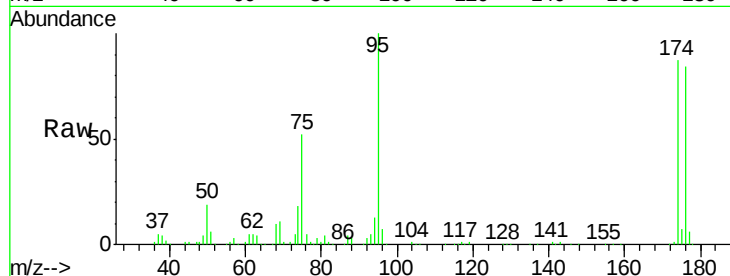
Tot Ion: 95 Resp: 158050

Ion Ratio Lower Upper

95 100

174 85.9 0.0 172.2

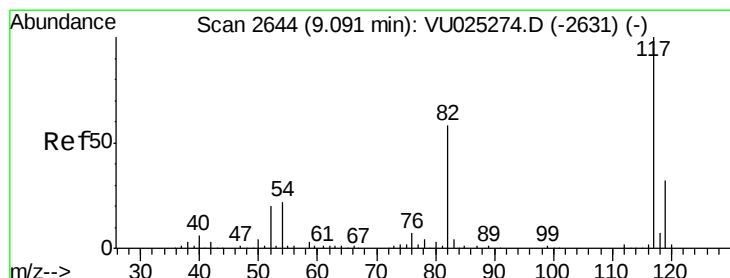
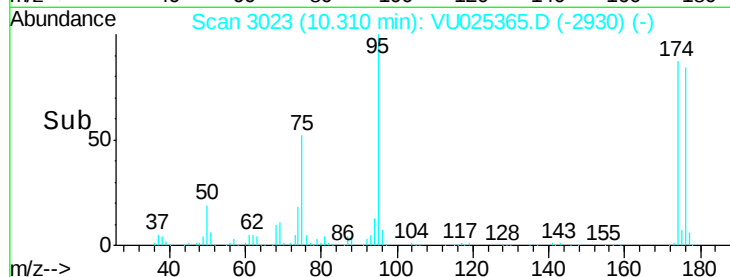
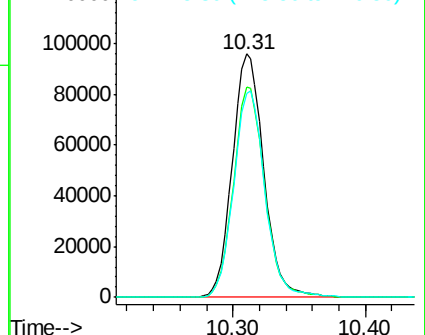
176 84.5 0.0 162.6



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): VU0

Ion 175.80 (175.50 to 176.50): VU0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VU025365.D

Acq: 13 Jul 2018 02:25

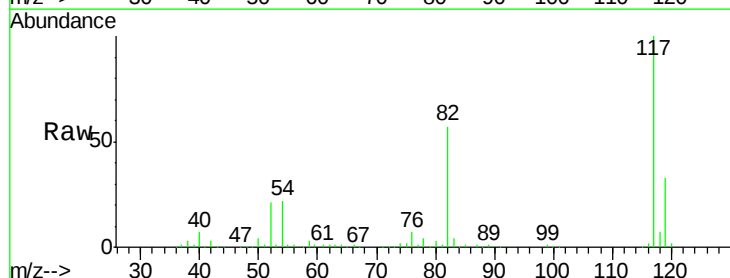
Tgt Ion: 117 Resp: 278228

Ion Ratio Lower Upper

117 100

82 56.7 46.0 69.0

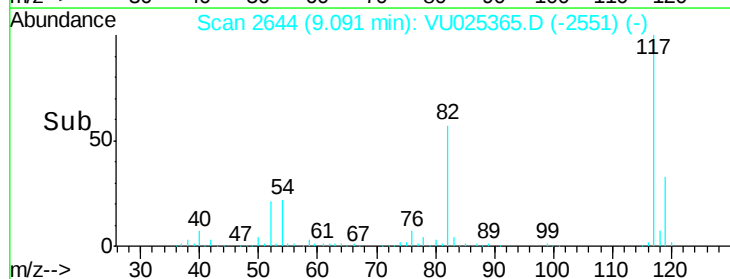
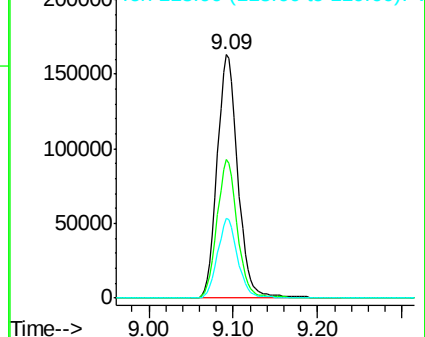
119 32.6 26.0 39.0

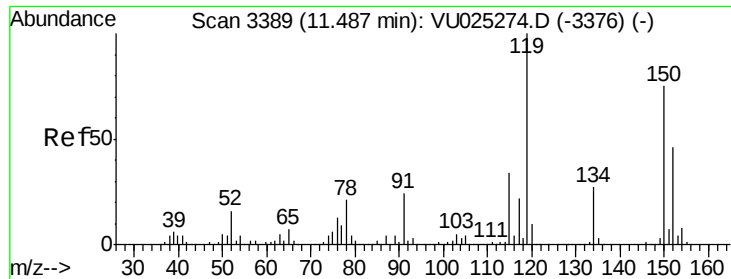


Abundance Ion 116.90 (116.60 to 117.60): VU0

Ion 82.00 (81.70 to 82.70): VU0

Ion 118.90 (118.60 to 119.60): VU0

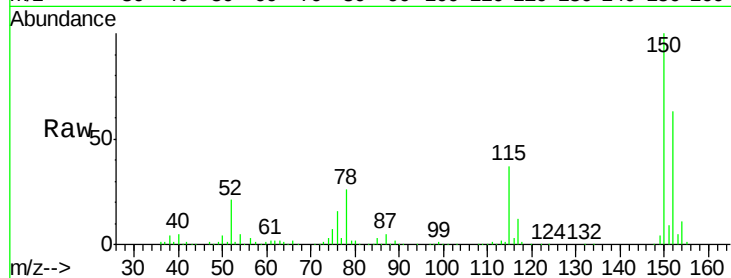




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.49 min Scan# 3389
 Delta R.T. 0.00 min
 Lab File: VU025365.D
 Acq: 13 Jul 2018 02:25

Instrument :
 MSVOA_U
 ClientSampleId :
 PB111044TB

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.6	40.1	120.3
150	156.5	0.0	351.4



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

