

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101018\
 Data File : VU027571.D
 Acq On : 10 Oct 2018 15:36
 Operator : MD/SY
 Sample : PB113684ZHE#15
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB113684ZHE#15

Quant Time: Oct 11 05:21:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 02:04:34 2018
 Response via : Initial Calibration

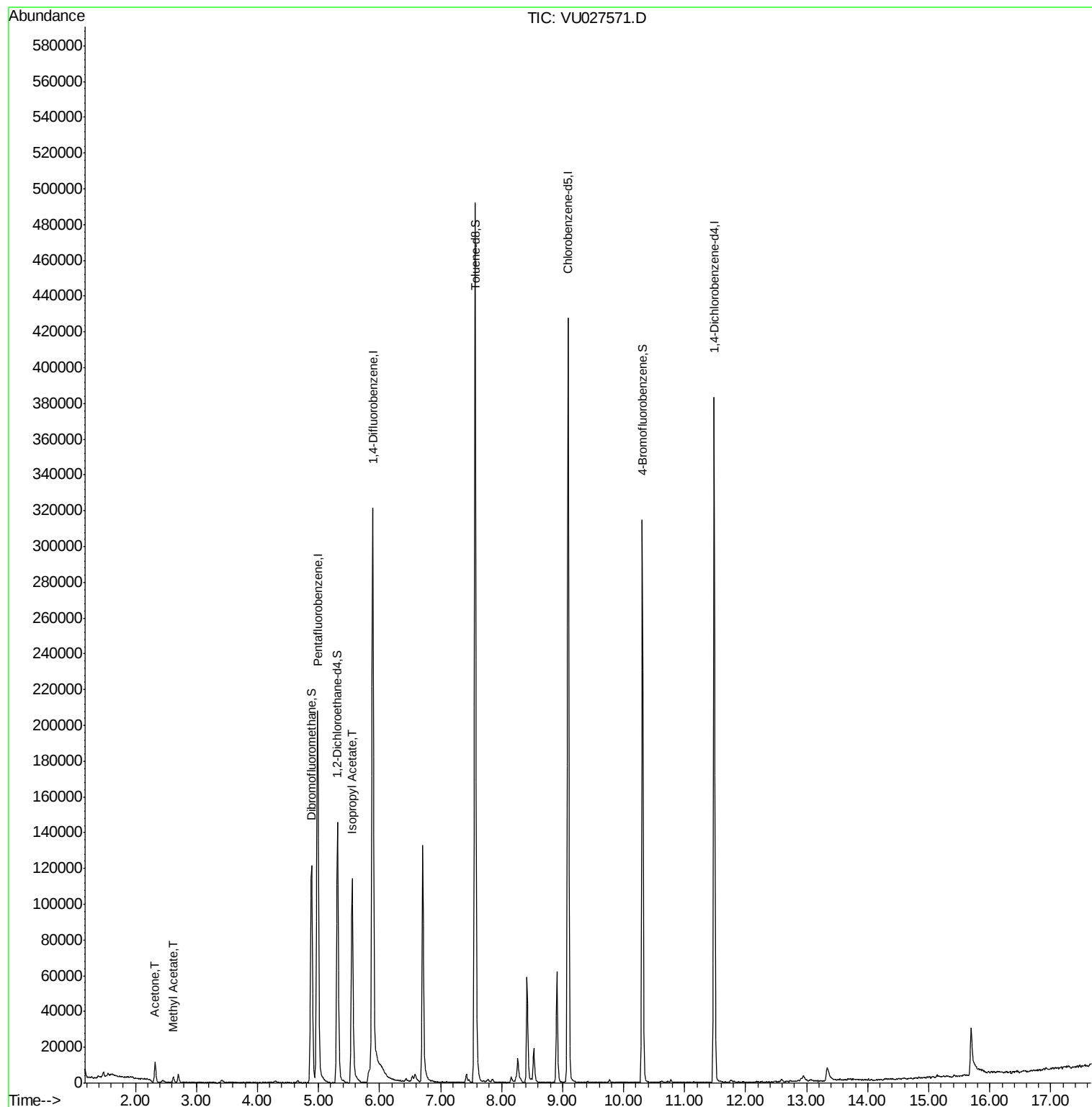
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	162569	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	269362	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	231308	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	96751	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	113913	41.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.92%	
35) Dibromofluoromethane	4.89	113	85895	46.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.06%	
50) Toluene-d8	7.57	98	333154	48.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.44%	
62) 4-Bromofluorobenzene	10.31	95	106089	41.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.64%	
Target Compounds						
16) Acetone	2.32	43	12208	7.612	ug/l	99
18) Methyl Acetate	2.62	43	3716	1.016	ug/l	94
43) Isopropyl Acetate	5.55	43	140710	23.969	ug/l	99

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

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Quant Title : SW846 8260
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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: VU027571.D

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Instrument :

MSVOA_U

ClientSampleId :

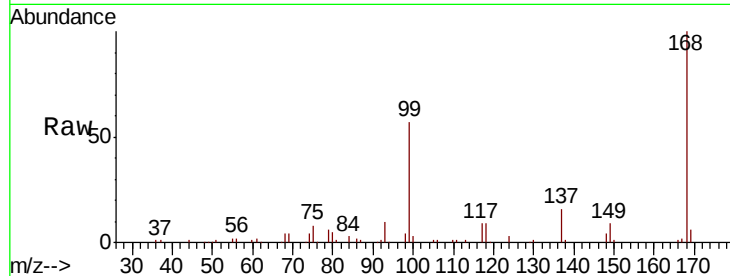
PB113684ZHE#15

Tot Ion:168 Resp: 162569

Ion Ratio Lower Upper

168 100

99 57.2 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): VU027314.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU027314.D (-1169) (-)

4.99

80000

60000

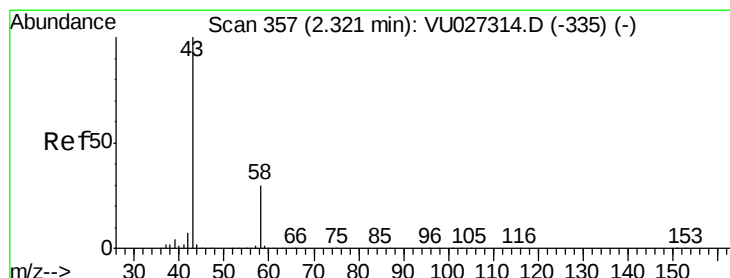
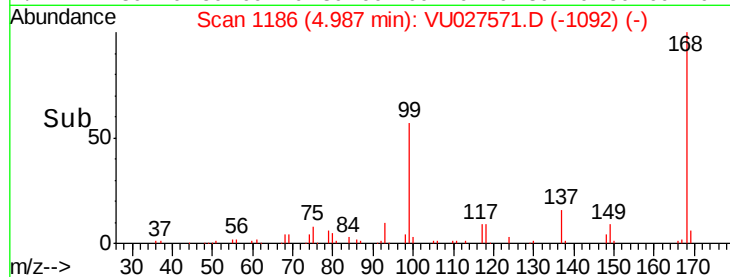
40000

20000

0

4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 7.612 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027571.D

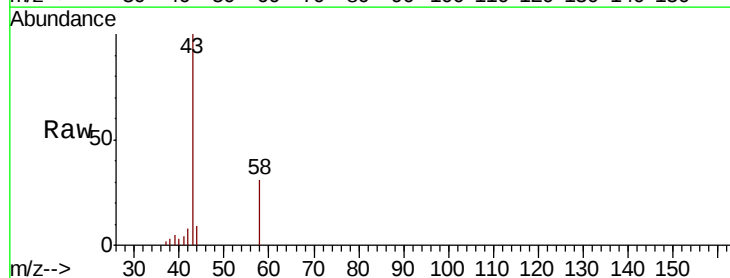
Acq: 10 Oct 2018 15:36

Tgt Ion: 43 Resp: 12208

Ion Ratio Lower Upper

43 100

58 30.7 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VU027314.D (-335) (-)

Ion 58.00 (57.70 to 58.70): VU027314.D (-335) (-)

2.32

8000

6000

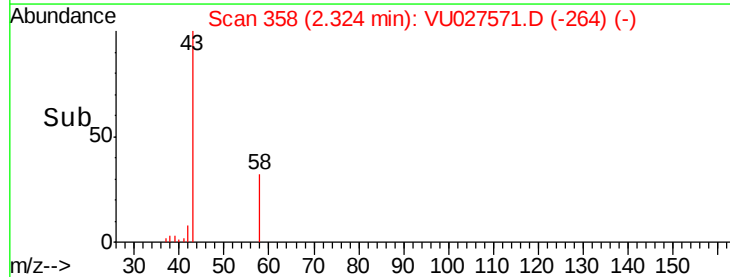
4000

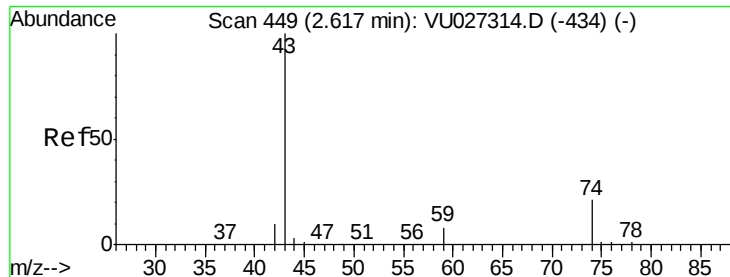
2000

0

2.25 2.30 2.35 2.40

Time-->

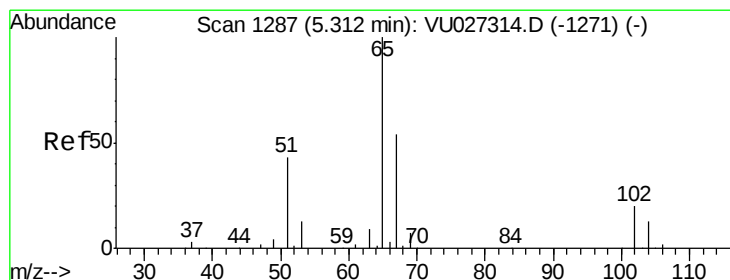
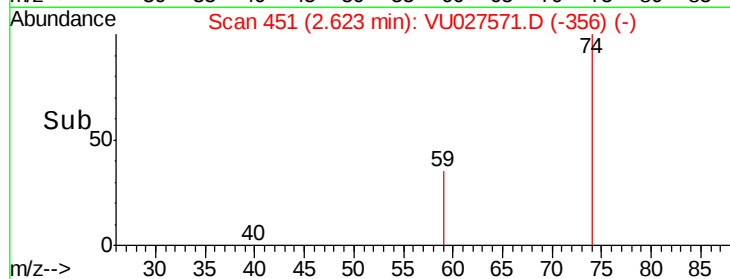
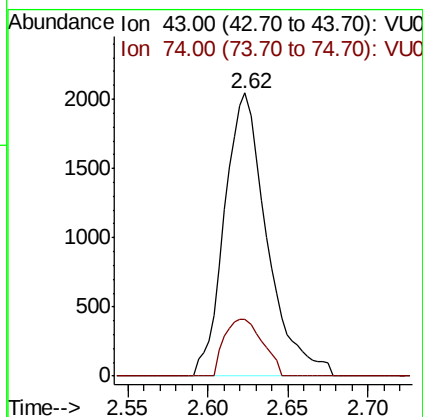
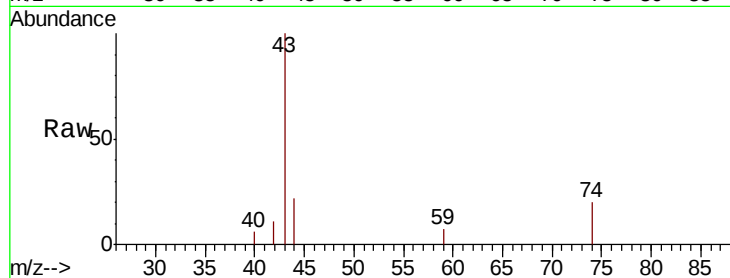




#18
Methvl Acetate
Concen: 1.016 ug/l
RT: 2.62 min Scan# 451
Delta R.T. 0.01 min
Lab File: VU027571.D
Acq: 10 Oct 2018 15:36

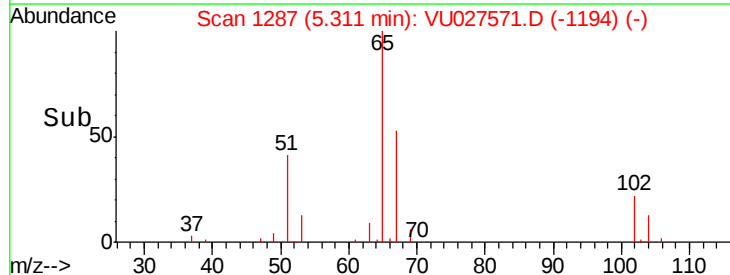
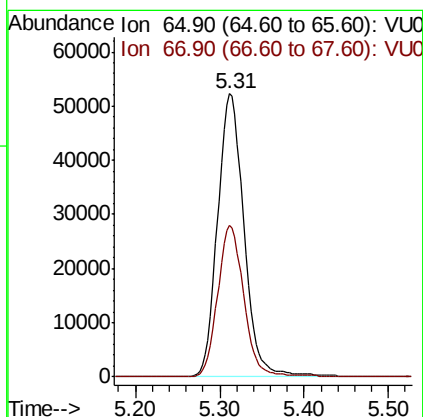
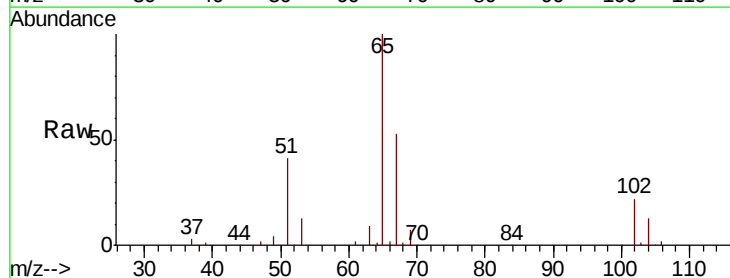
Instrument :
MSVOA_U
ClientSampleId :
PB113684ZHE#15

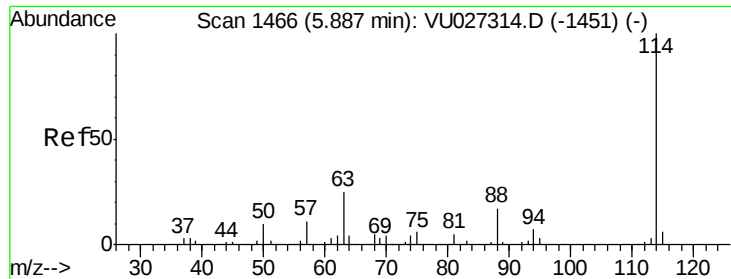
Tot Ion: 43 Resp: 3716
Ion Ratio Lower Upper
43 100
74 18.0 16.5 24.7



#33
1,2-Dichloroethane-d4
Concen: 41.963 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU027571.D
Acq: 10 Oct 2018 15:36

Tgt Ion: 65 Resp: 113913
Ion Ratio Lower Upper
65 100
67 53.2 0.0 107.8

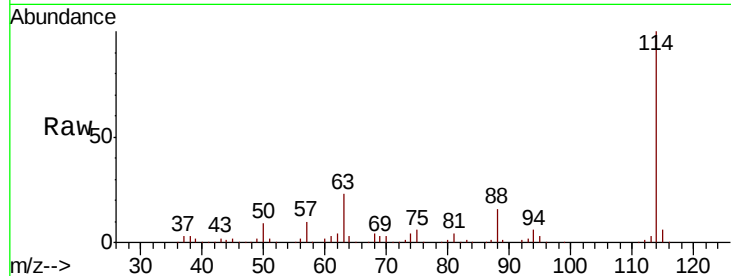




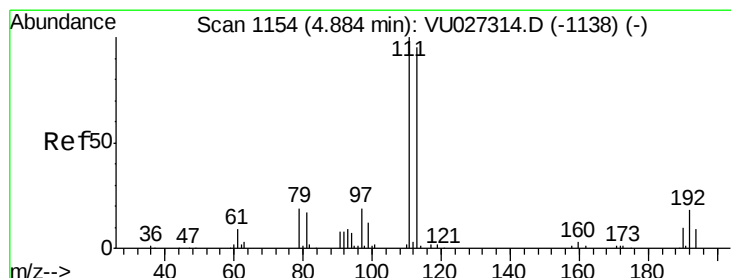
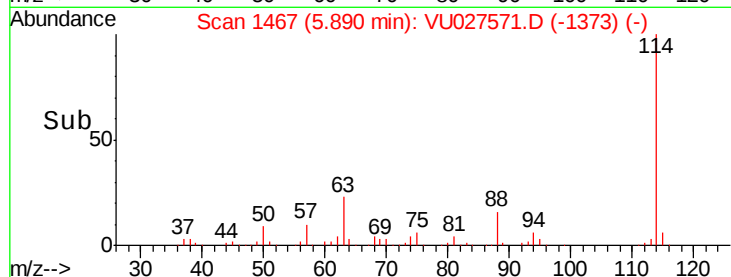
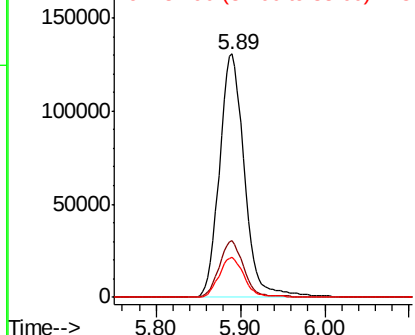
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027571.D
 Acq: 10 Oct 2018 15:36

Instrument :
 MSVOA_U
 ClientSampleId :
 PB113684ZHE#15

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.2	0.0	50.2
88	16.3	0.0	33.8

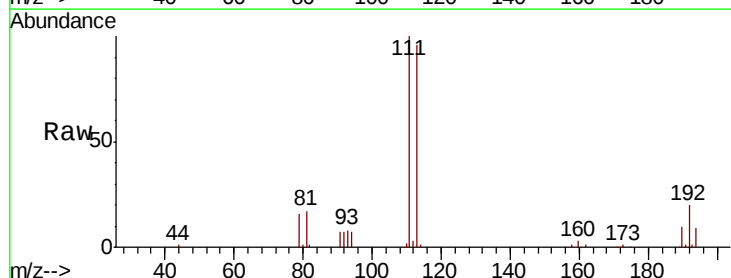


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

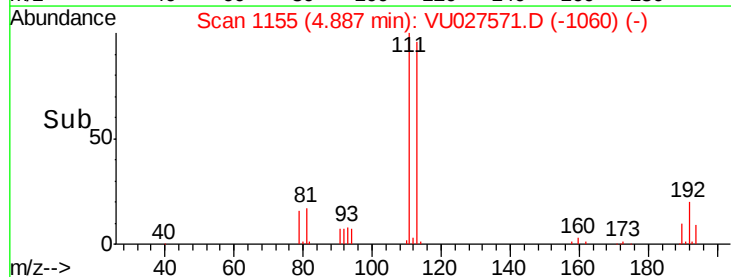
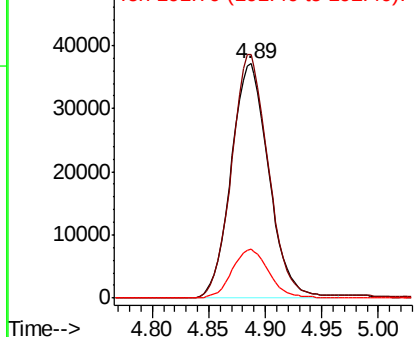


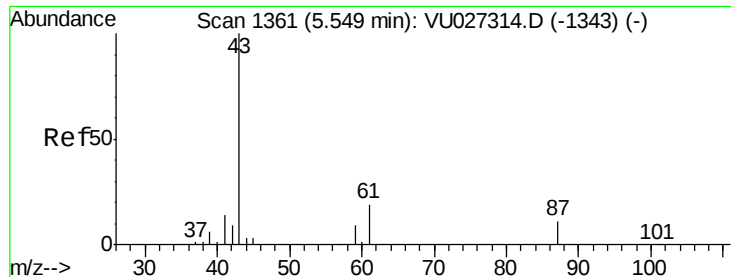
#35
 Dibromofluoromethane
 Concen: 46.530 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027571.D
 Acq: 10 Oct 2018 15:36

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	83.1	124.7
192	20.3	15.4	23.0



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





#43

Isopropyl Acetate

Concen: 23.969 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VU027571.D

Acq: 10 Oct 2018 15:36

Instrument :

MSVOA_U

ClientSampleId :

PB113684ZHE#15

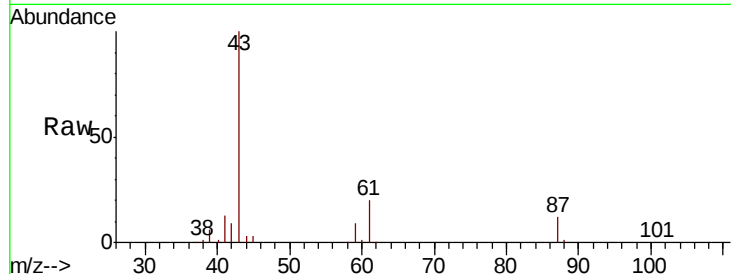
Tot Ion: 43 Resp: 140710

Ion Ratio Lower Upper

43 100

61 19.1 15.3 22.9

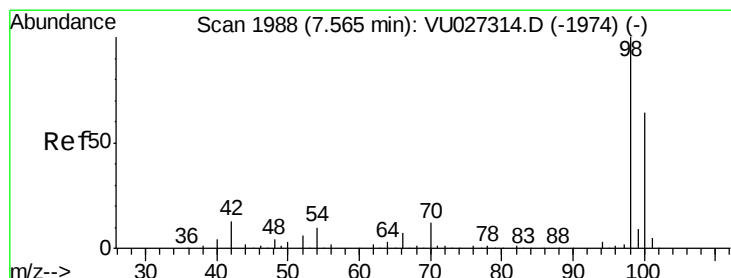
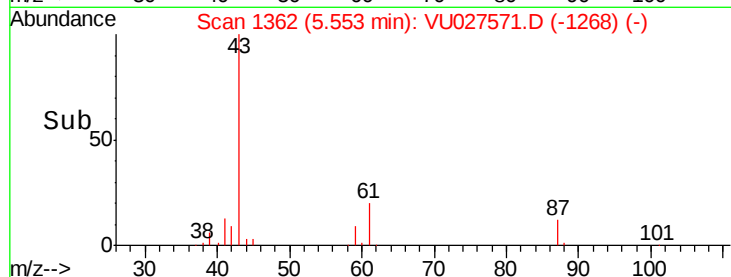
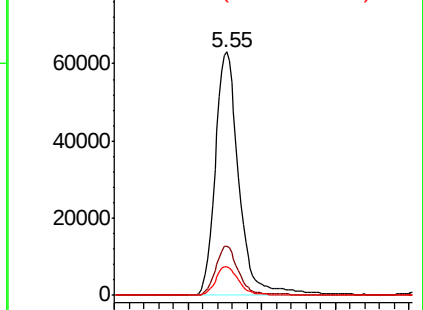
87 11.6 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VU027571.D (-1343) (-)

Ion 61.00 (60.70 to 61.70): VU027571.D (-1343) (-)

Ion 87.00 (86.70 to 87.70): VU027571.D (-1343) (-)



#50

Toluene-d8

Concen: 48.220 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VU027571.D

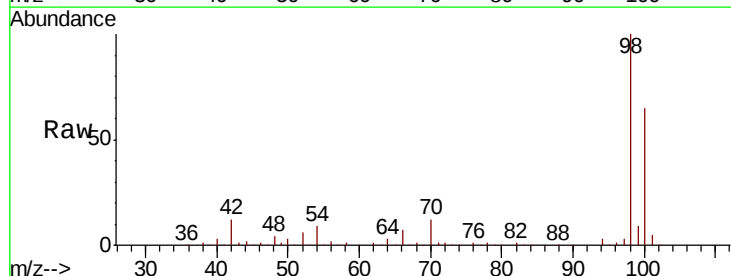
Acq: 10 Oct 2018 15:36

Tgt Ion: 98 Resp: 333154

Ion Ratio Lower Upper

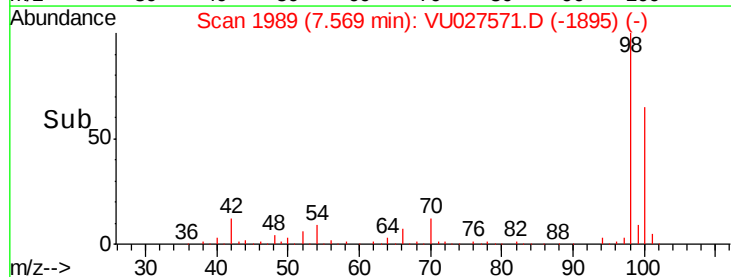
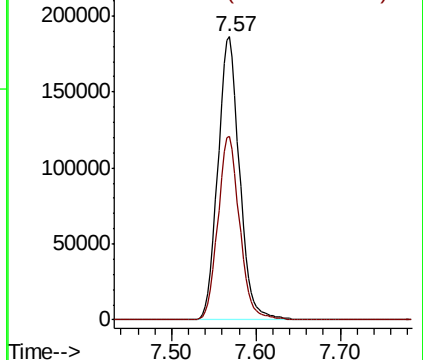
98 100

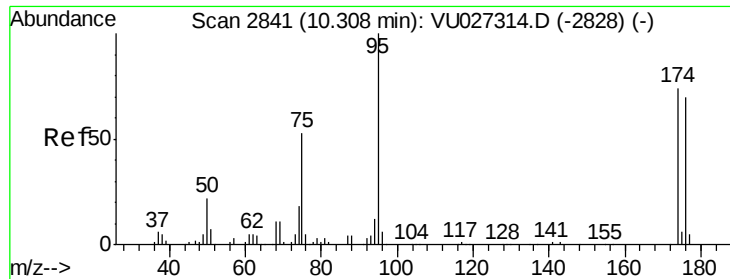
100 65.0 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU027571.D (-1895) (-)

Ion 100.00 (99.70 to 100.70): VU027571.D (-1895) (-)

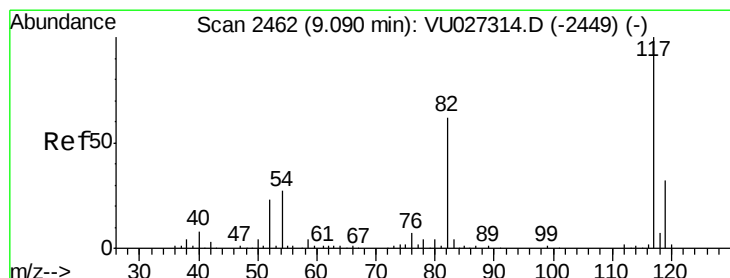
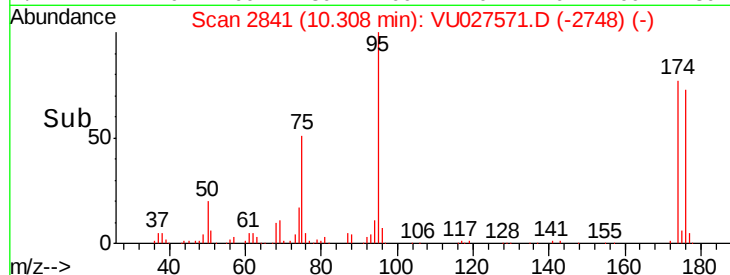
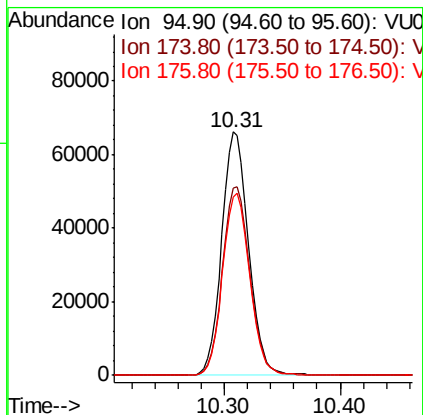
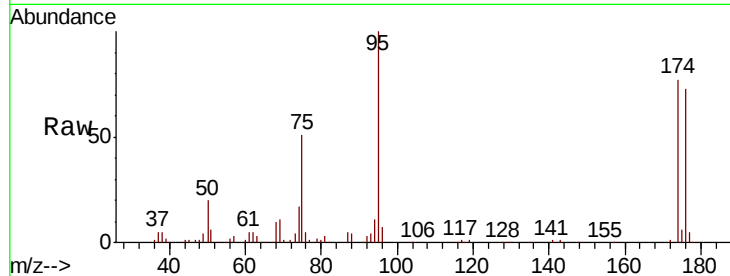




#62
 4-Bromofluorobenzene
 Concen: 41.317 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.00 min
 Lab File: VU027571.D
 Acq: 10 Oct 2018 15:36

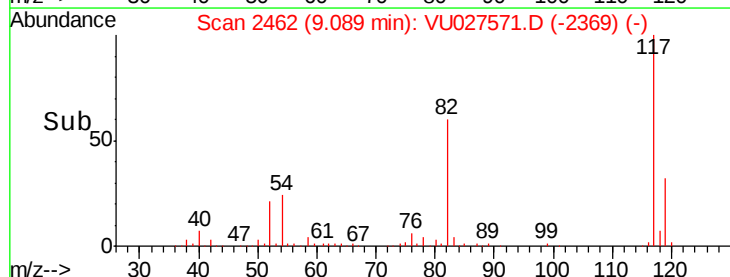
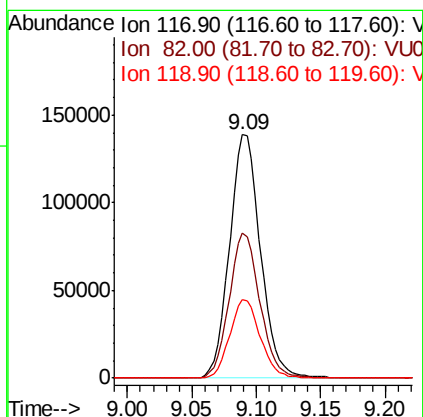
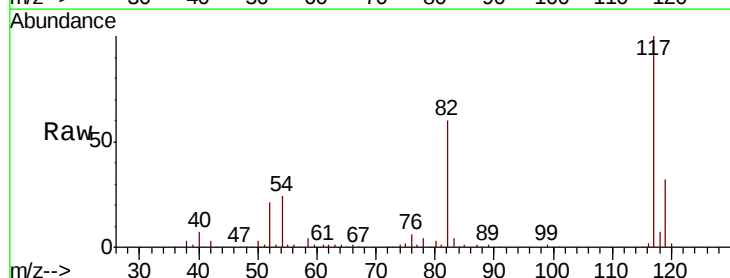
Instrument :
 MSVOA_U
 ClientSampleId :
 PB113684ZHE#15

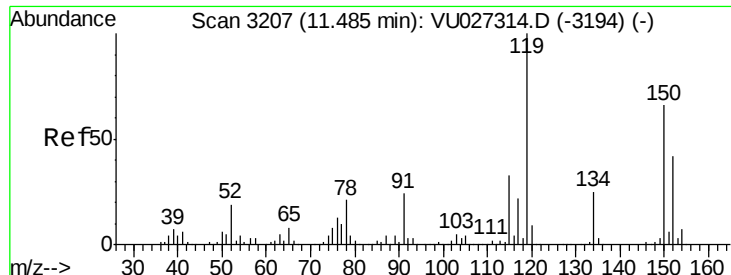
Tot Ion: 95 Resp: 106089
 Ion Ratio Lower Upper
 95 100
 174 79.1 0.0 147.8
 176 75.6 0.0 140.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.09 min Scan# 2462
 Delta R.T. -0.00 min
 Lab File: VU027571.D
 Acq: 10 Oct 2018 15:36

Tgt Ion: 117 Resp: 231308
 Ion Ratio Lower Upper
 117 100
 82 59.6 49.2 73.8
 119 32.2 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. -0.00 min

Lab File: VU027571.D

Acq: 10 Oct 2018 15:36

Instrument :

MSVOA_U

ClientSampleId :

PB113684ZHE#15

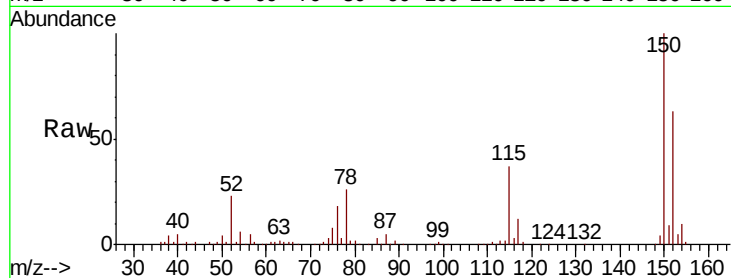
Tot Ion:152 Resp: 96751

Ion Ratio Lower Upper

152 100

115 59.2 43.4 130.2

150 158.9 0.0 349.2



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

