

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071218\
 Data File : VU025352.D
 Acq On : 12 Jul 2018 20:22
 Operator : MD/SY
 Sample : PB111044ZHE#07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB111044ZHE#07

Quant Time: Jul 13 03:14:44 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

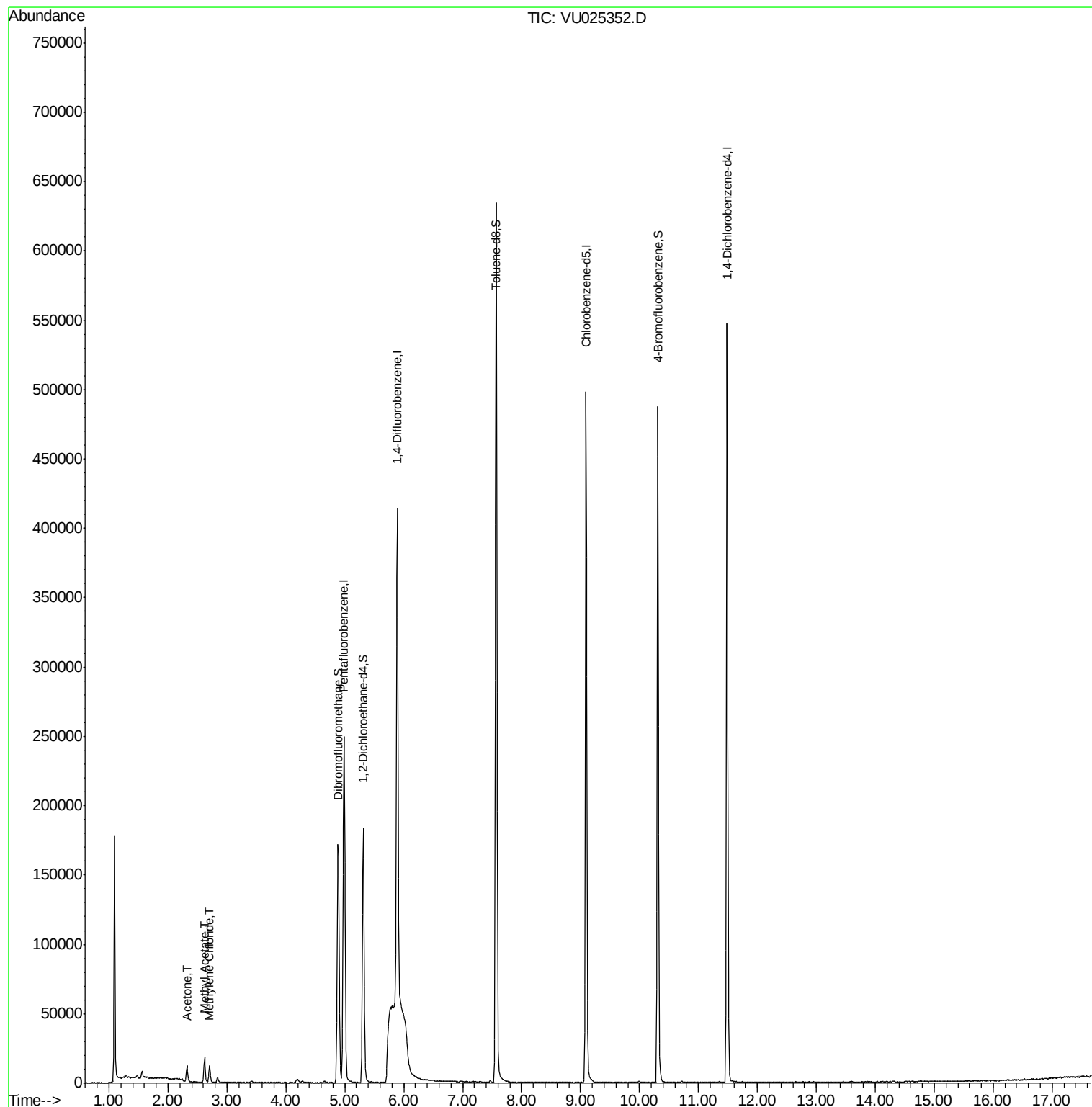
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	196421	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	297246	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	276799	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	146006	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	149087	48.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.70%	
35) Dibromofluoromethane	4.89	113	117233	46.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.50%	
50) Toluene-d8	7.57	98	431051	50.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.40%	
62) 4-Bromofluorobenzene	10.31	95	158732	45.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.84%	
Target Compounds						
16) Acetone	2.32	43	12284	12.602	ug/l	99
18) Methyl Acetate	2.62	43	21603	6.914	ug/l	98
20) Methylene Chloride	2.71	84	5295	2.904	ug/l	95

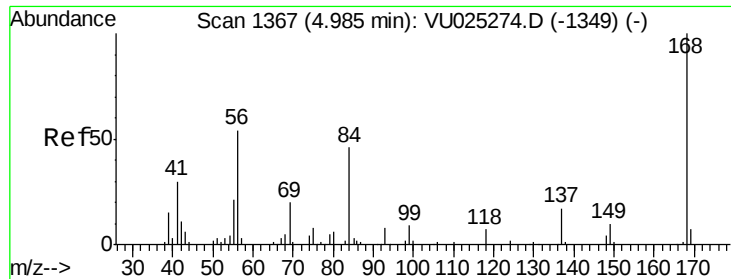
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU025352.D

Acq: 12 Jul 2018 20:22

Instrument :

MSVOA_U

ClientSampleId :

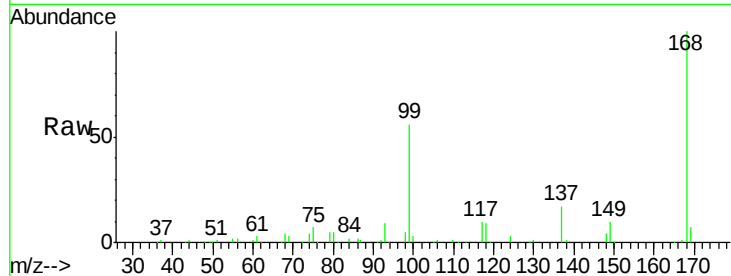
PB111044ZHE#07

Tot Ion:168 Resp: 196421

Ion Ratio Lower Upper

168 100

99 56.2 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) (-)

4.99

80000

60000

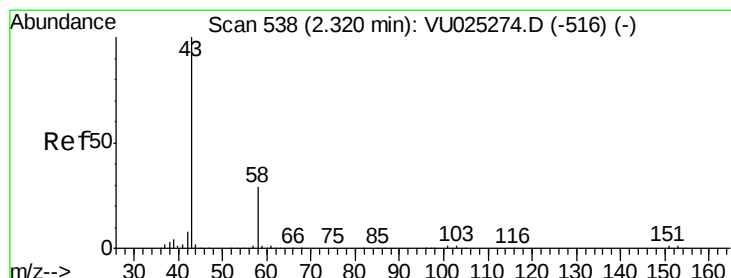
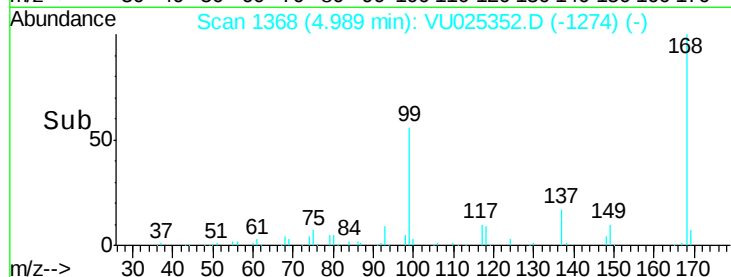
40000

20000

0

Time-->

4.90 5.00 5.10



#16

Acetone

Concen: 12.602 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025352.D

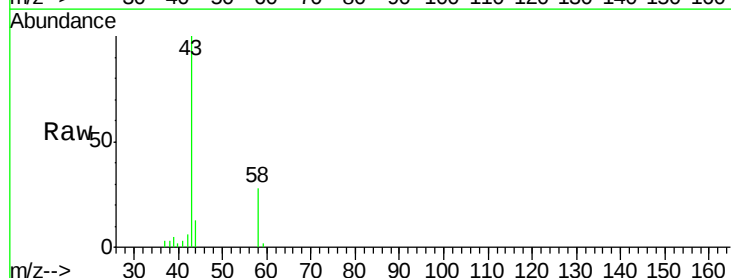
Acq: 12 Jul 2018 20:22

Tgt Ion: 43 Resp: 12284

Ion Ratio Lower Upper

43 100

58 28.4 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) (-)

2.32

8000

6000

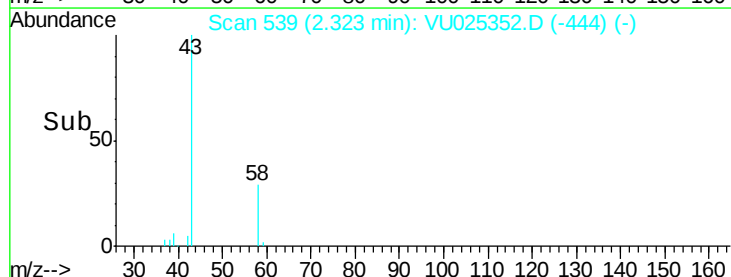
4000

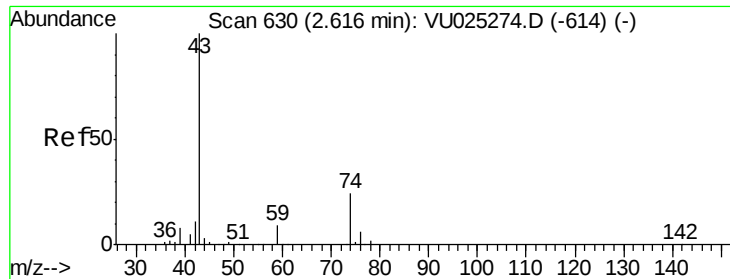
2000

0

Time-->

2.25 2.30 2.35 2.40

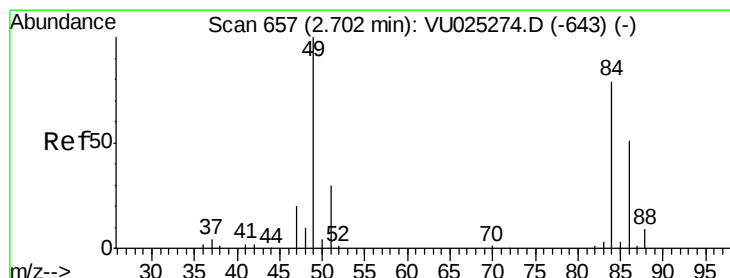
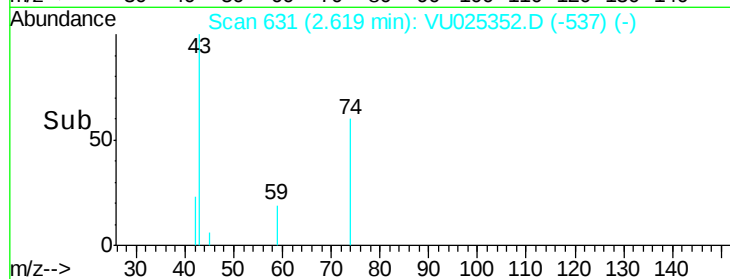
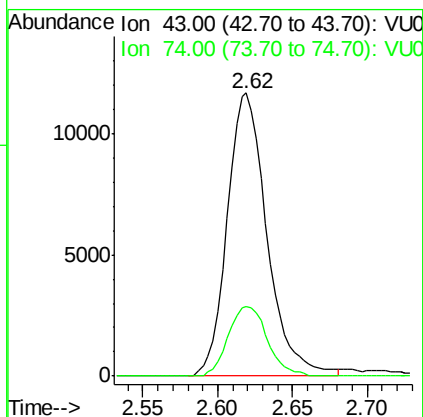
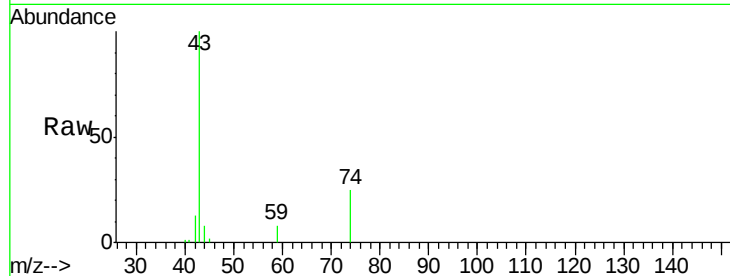




#18
Methyl Acetate
Concen: 6.914 ug/l
RT: 2.62 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU025352.D
Acq: 12 Jul 2018 20:22

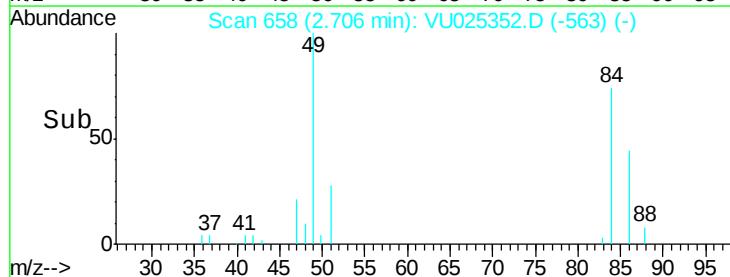
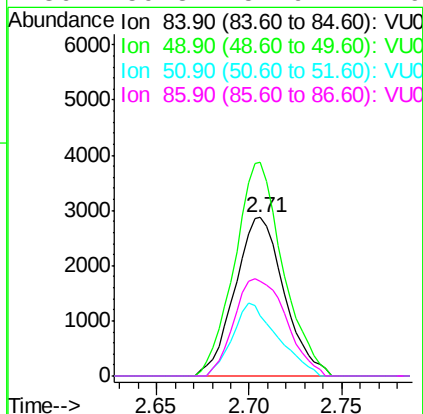
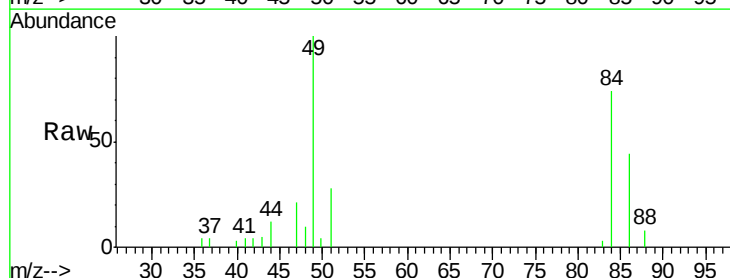
Instrument :
MSVOA_U
ClientSampleId :
PB111044ZHE#07

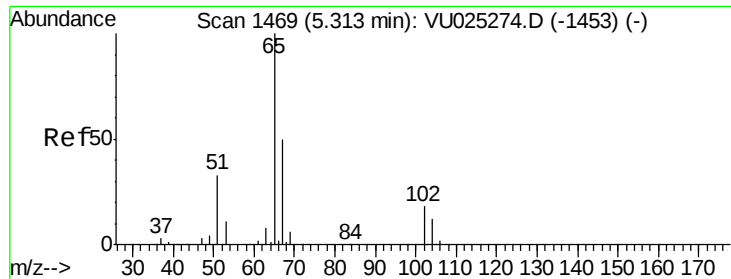
Tot Ion: 43 Resp: 21603
Ion Ratio Lower Upper
43 100
74 24.1 18.5 27.7



#20
Methylene Chloride
Concen: 2.904 ug/l
RT: 2.71 min Scan# 658
Delta R.T. 0.00 min
Lab File: VU025352.D
Acq: 12 Jul 2018 20:22

Tgt Ion: 84 Resp: 5295
Ion Ratio Lower Upper
84 100
49 134.7 101.8 152.6
51 38.3 30.8 46.2
86 59.8 51.9 77.9

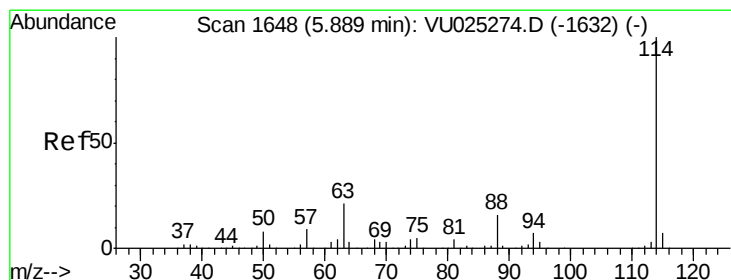
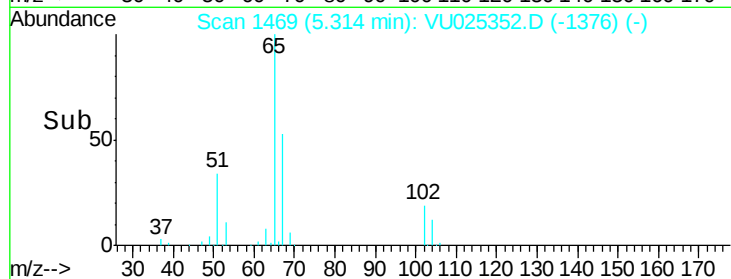
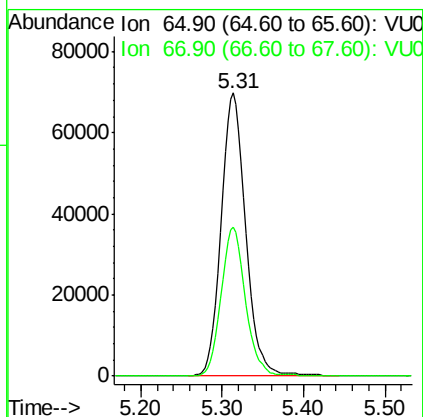
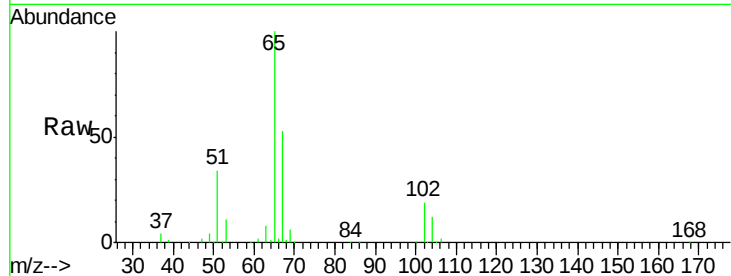




#33
 1,2-Dichloroethane-d4
 Concen: 48.855 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU025352.D
 Acq: 12 Jul 2018 20:22

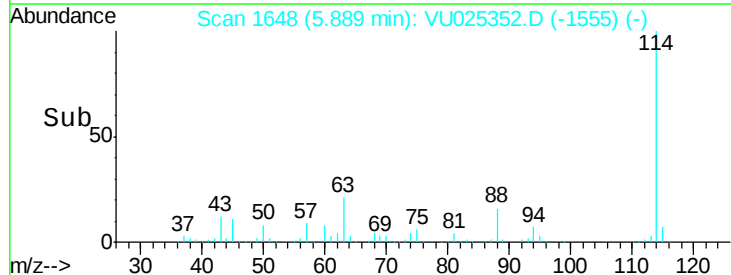
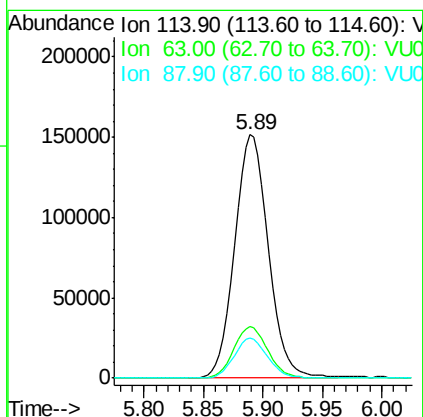
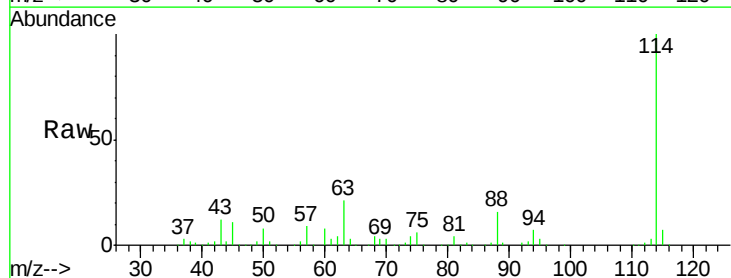
Instrument :
 MSVOA_U
 ClientSampleId :
 PB111044ZHE#07

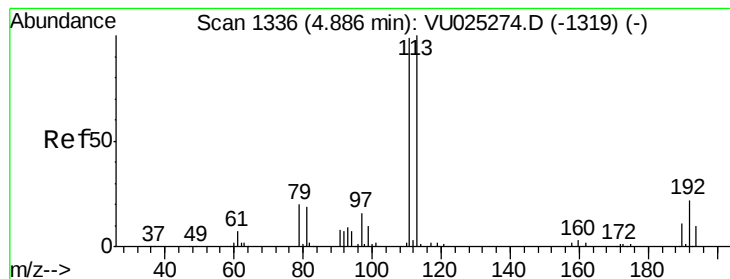
Tot Ion: 65 Resp: 149087
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. 0.00 min
 Lab File: VU025352.D
 Acq: 12 Jul 2018 20:22

Tgt Ion: 114 Resp: 297246
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 41.6
 88 16.5 0.0 32.4





#35

Dibromofluoromethane

Concen: 46.752 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU025352.D

Acq: 12 Jul 2018 20:22

Instrument :

MSVOA_U

ClientSampleId :

PB111044ZHE#07

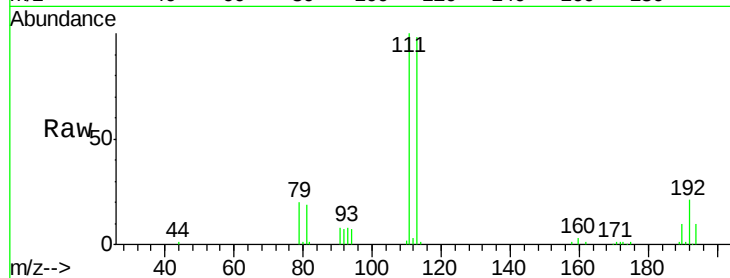
Tot Ion:113 Resp: 117233

Ion Ratio Lower Upper

113 100

111 101.5 81.7 122.5

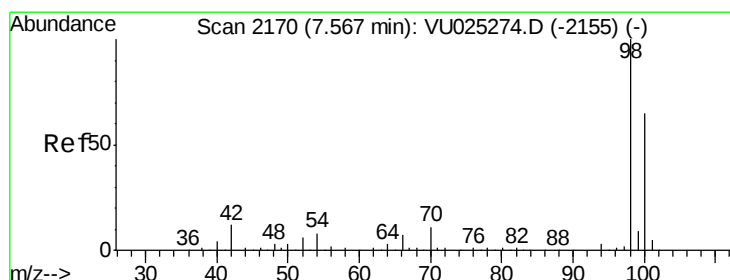
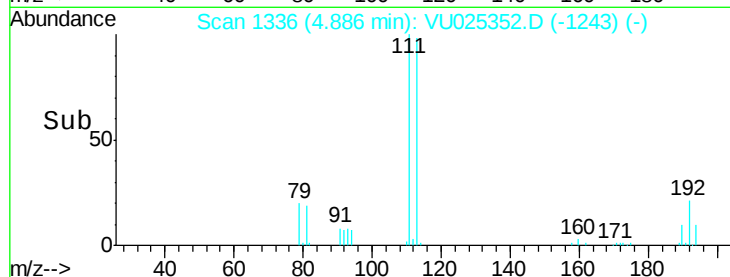
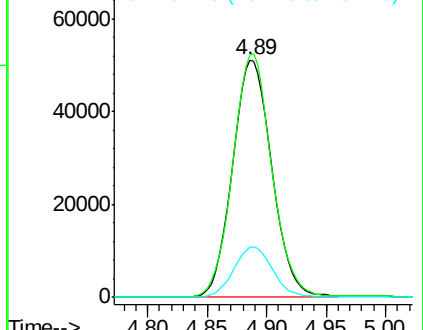
192 20.8 17.1 25.7



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



#50

Toluene-d8

Concen: 50.200 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. 0.00 min

Lab File: VU025352.D

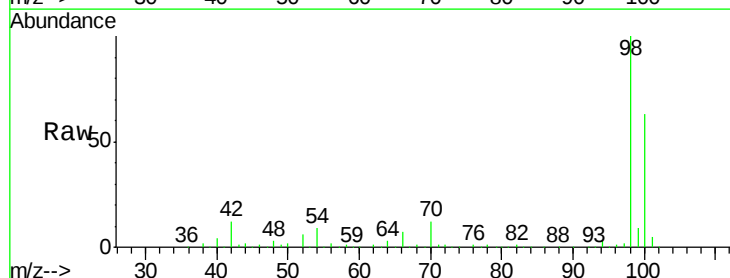
Acq: 12 Jul 2018 20:22

Tgt Ion: 98 Resp: 431051

Ion Ratio Lower Upper

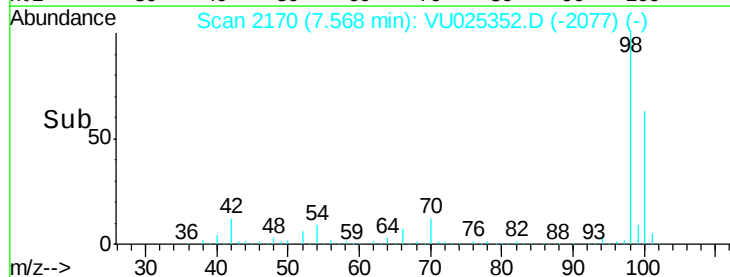
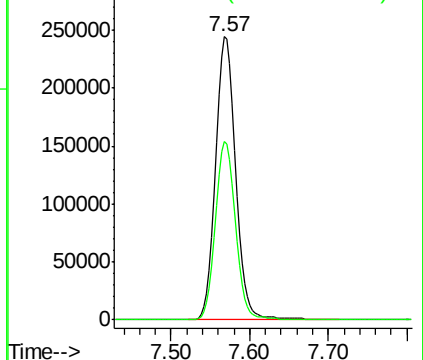
98 100

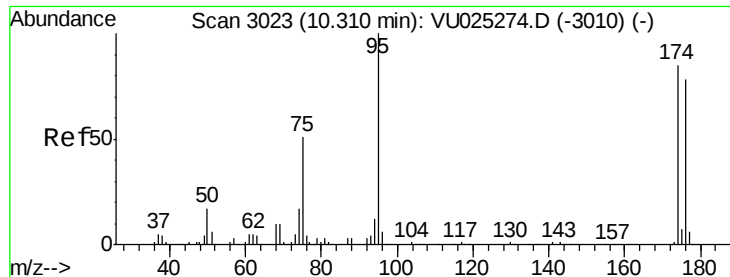
100 63.3 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU

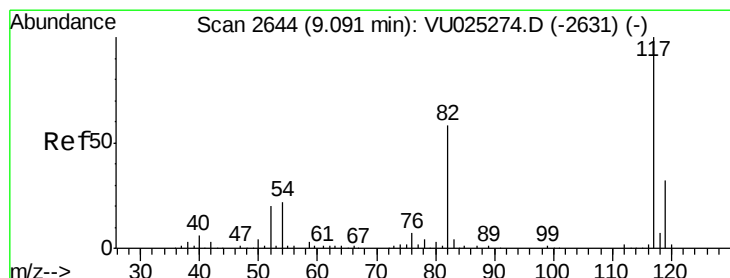
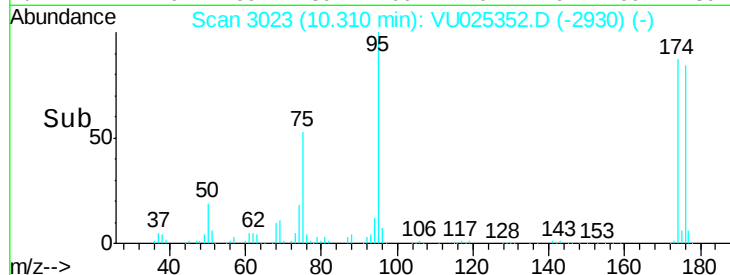
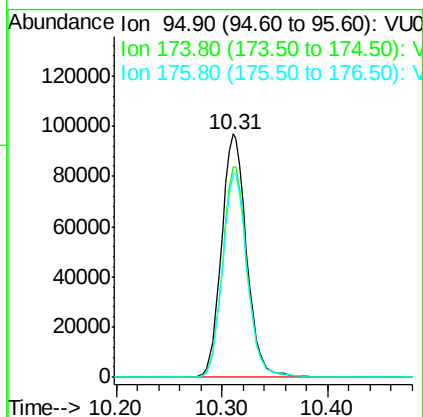
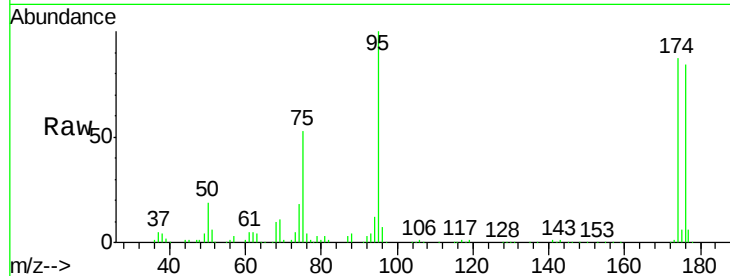




#62
4-Bromofluorobenzene
Concen: 45.916 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU025352.D
Acq: 12 Jul 2018 20:22

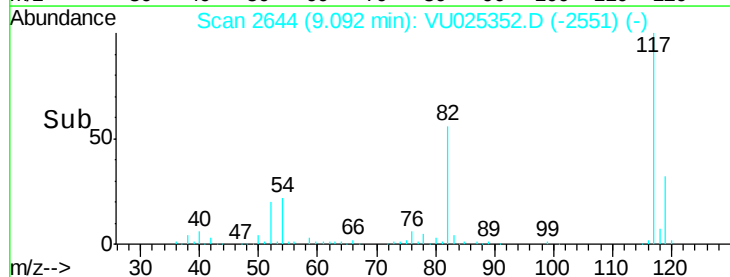
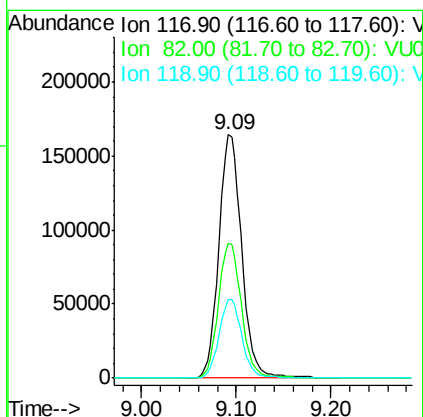
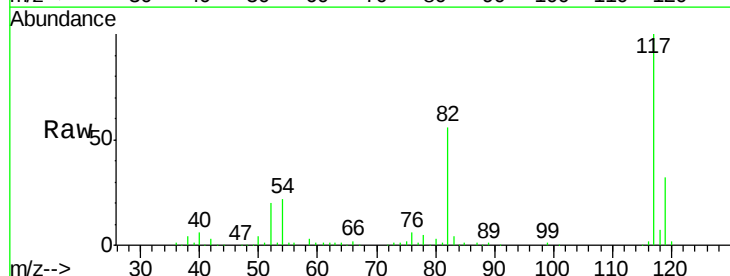
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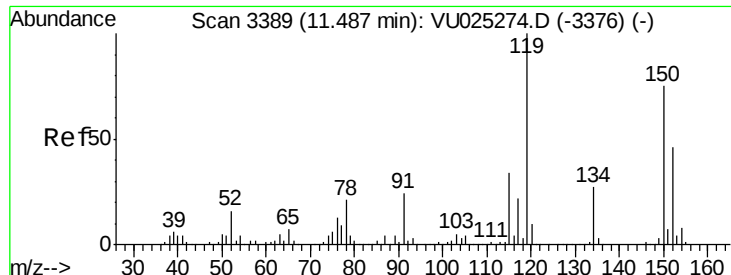
Tot Ion: 95 Resp: 158732
Ion Ratio Lower Upper
95 100
174 85.4 0.0 172.2
176 82.7 0.0 162.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VU025352.D
Acq: 12 Jul 2018 20:22

Tgt Ion: 117 Resp: 276799
Ion Ratio Lower Upper
117 100
82 55.6 46.0 69.0
119 32.1 26.0 39.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.49 min Scan# 3389
 Delta R.T. 0.00 min
 Lab File: VU025352.D
 Acq: 12 Jul 2018 20:22

Instrument :
 MSVOA_U
 ClientSampleId :
 PB111044ZHE#07

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.0	40.1	120.3
150	157.3	0.0	351.4

