

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU120318\
 Data File : VU028438.D
 Acq On : 03 Dec 2018 13:59
 Operator : MD/SY
 Sample : PB115231ZHE#15
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB115231ZHE#15

Quant Time: Dec 04 07:22:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 29 01:04:49 2018
 Response via : Initial Calibration

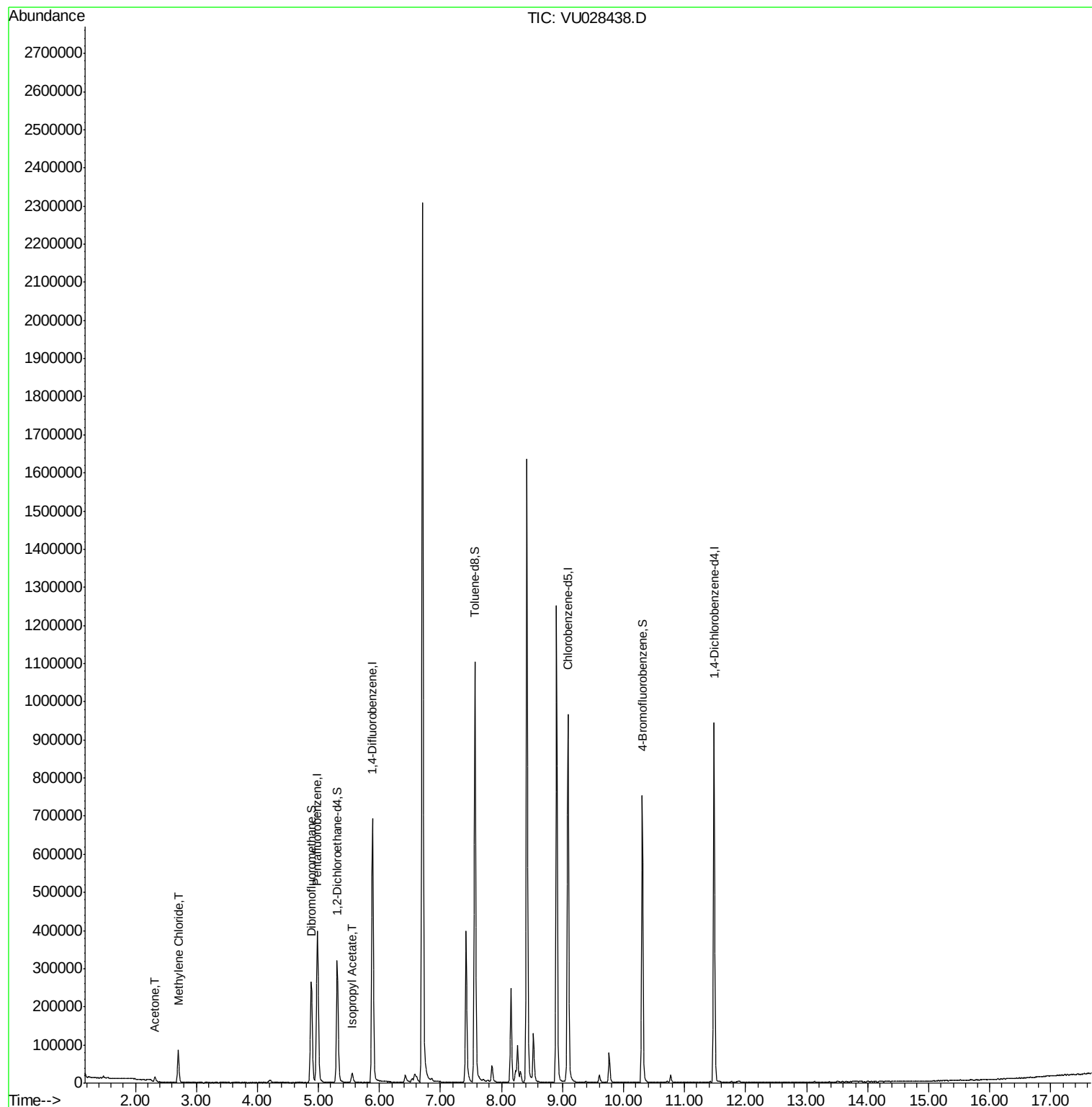
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	297010	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	559133	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	516706	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	232023	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	248527	50.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.14%	
35) Dibromofluoromethane	4.88	113	181716	48.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.74%	
50) Toluene-d8	7.57	98	726822	48.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.76%	
62) 4-Bromofluorobenzene	10.30	95	257803	48.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.20%	
Target Compounds						
16) Acetone	2.32	43	15142	4.987	ug/l	97
20) Methylene Chloride	2.70	84	34917	8.091	ug/l	96
43) Isopropyl Acetate	5.55	43	32332	2.447	ug/l	98

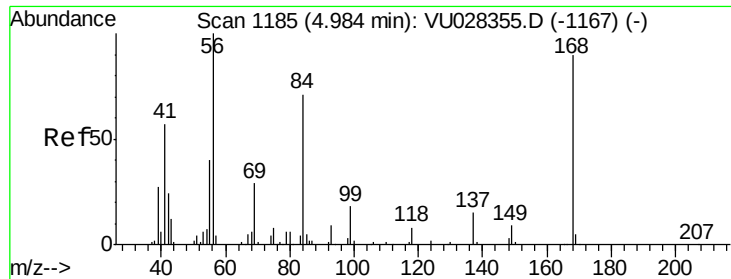
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Nov 29 01:04:49 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VU028438.D

Acq: 03 Dec 2018 13:59

Instrument :

MSVOA_U

ClientSampleId :

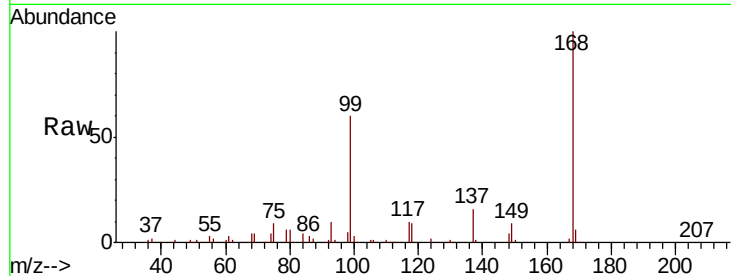
PB115231ZHE#15

Tot Ion:168 Resp: 297010

Ion Ratio Lower Upper

168 100

99 59.5 49.6 74.4



Abundance Ion 167.90 (167.60 to 168.60): VU028355.D (-1167) (-)

Ion 98.90 (98.60 to 99.60): VU028355.D (-1167) (-)

4.98

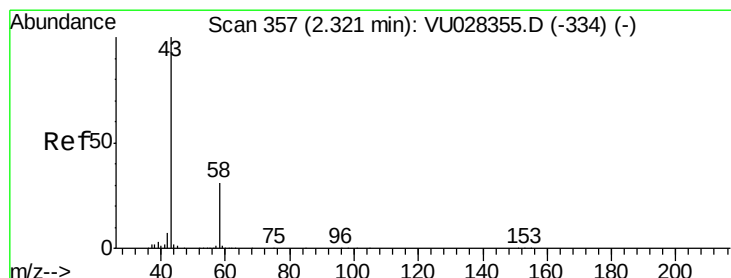
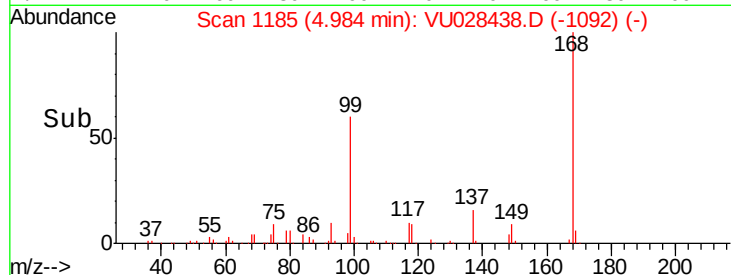
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 4.987 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU028438.D

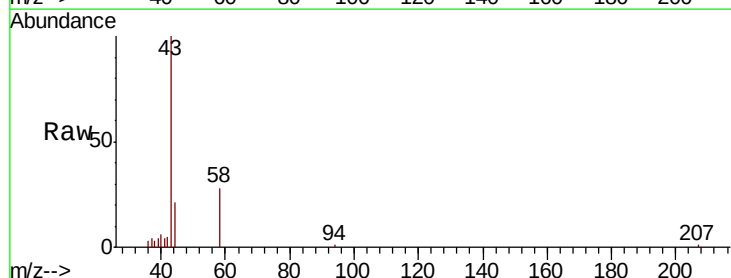
Acq: 03 Dec 2018 13:59

Tgt Ion: 43 Resp: 15142

Ion Ratio Lower Upper

43 100

58 28.9 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU028355.D (-334) (-)

Ion 58.00 (57.70 to 58.70): VU028355.D (-334) (-)

2.32

10000

8000

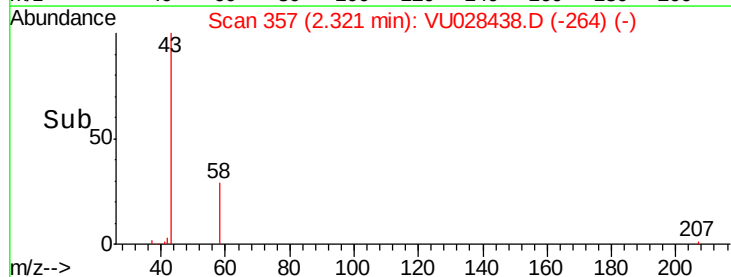
6000

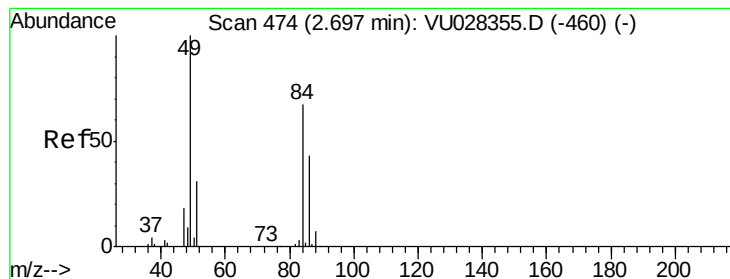
4000

2000

0

Time-->





#20

Methylene Chloride

Concen: 8.091 ug/l

RT: 2.70 min Scan# 475

Delta R.T. 0.00 min

Lab File: VU028438.D

Acq: 03 Dec 2018 13:59

Instrument :

MSVOA_U

ClientSampleId :

PB115231ZHE#15

Tot Ion: 84 Resp: 34917

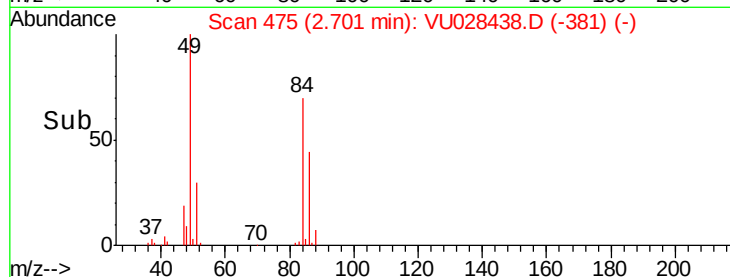
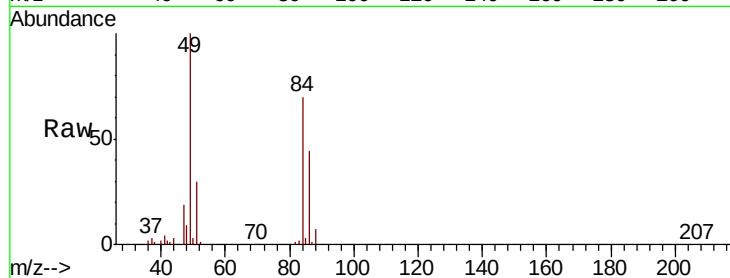
Ion Ratio Lower Upper

84 100

49 143.5 120.0 180.0

51 43.6 36.9 55.3

86 62.7 51.1 76.7

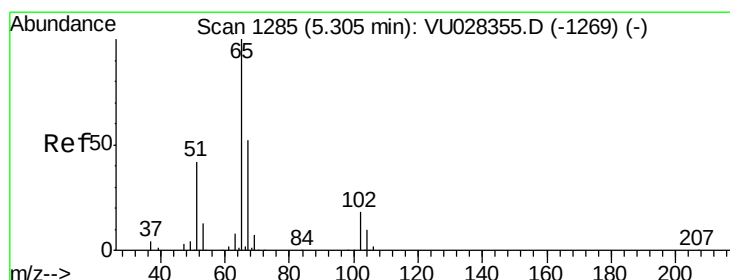
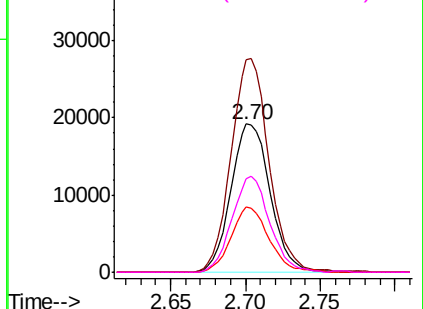


Abundance Ion 83.90 (83.60 to 84.60): VU0

Ion 48.90 (48.60 to 49.60): VU0

Ion 50.90 (50.60 to 51.60): VU0

Ion 85.90 (85.60 to 86.60): VU0



#33

1,2-Dichloroethane-d4

Concen: 50.068 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. 0.00 min

Lab File: VU028438.D

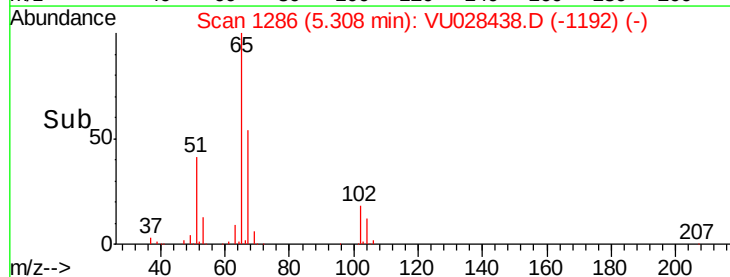
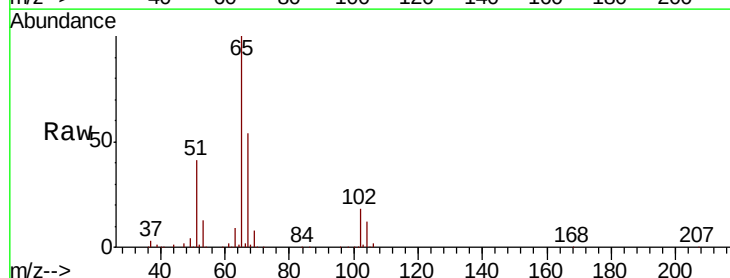
Acq: 03 Dec 2018 13:59

Tgt Ion: 65 Resp: 248527

Ion Ratio Lower Upper

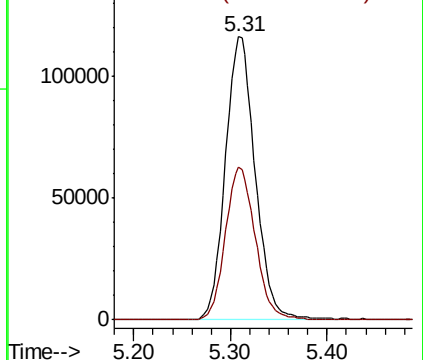
65 100

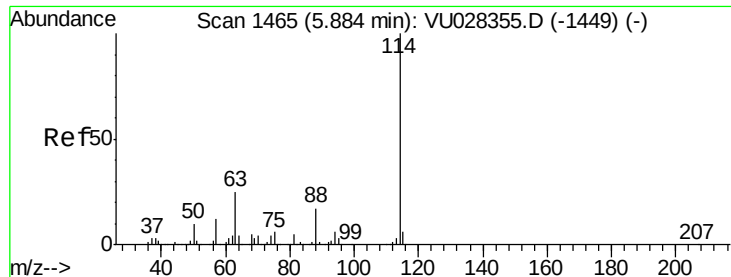
67 54.1 0.0 106.8



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# 1466

Delta R.T. 0.00 min

Lab File: VU028438.D

Acq: 03 Dec 2018 13:59

Instrument :

MSVOA_U

ClientSampleId :

PB115231ZHE#15

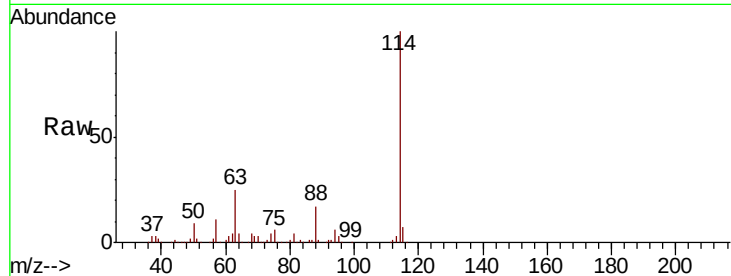
Tot Ion:114 Resp: 559133

Ion Ratio Lower Upper

114 100

63 24.5 0.0 50.0

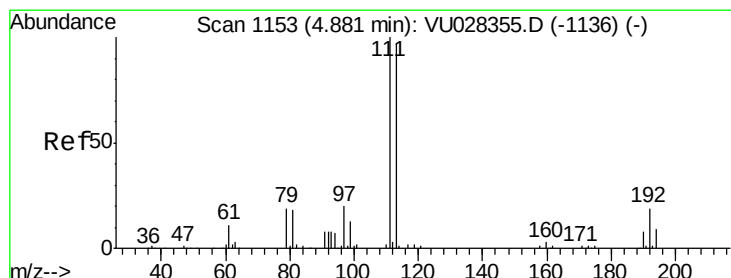
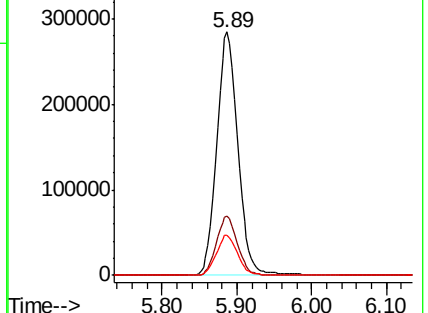
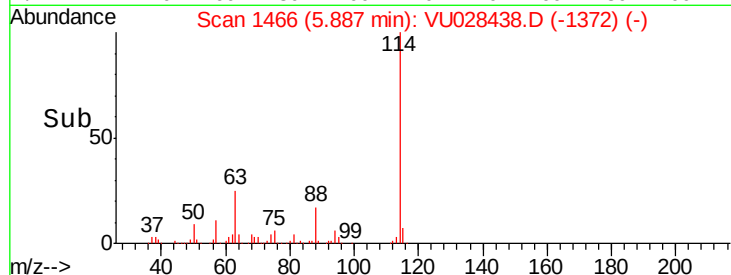
88 16.5 0.0 34.4



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: 48.874 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. 0.00 min

Lab File: VU028438.D

Acq: 03 Dec 2018 13:59

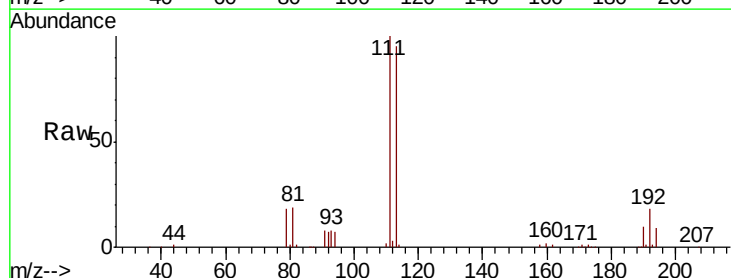
Tgt Ion:113 Resp: 181716

Ion Ratio Lower Upper

113 100

111 103.7 82.9 124.3

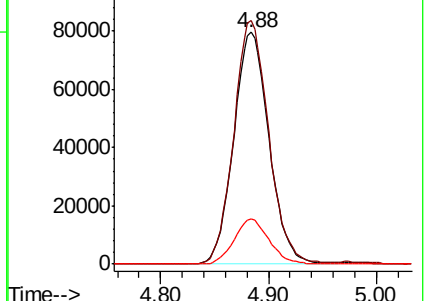
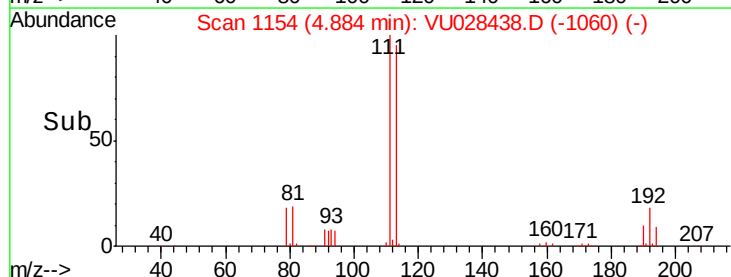
192 19.3 15.4 23.0

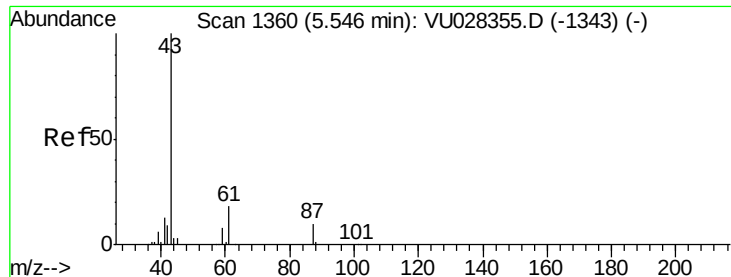


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.447 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.01 min

Lab File: VU028438.D

Acq: 03 Dec 2018 13:59

Instrument :

MSVOA_U

ClientSampleId :

PB115231ZHE#15

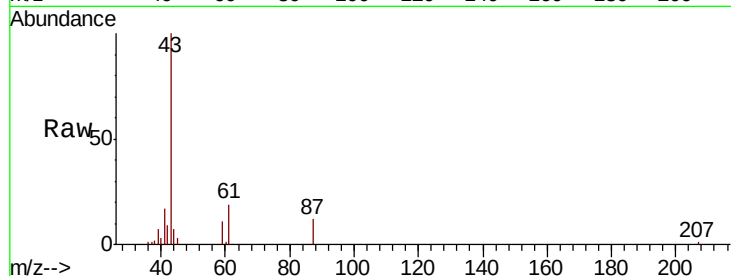
Tot Ion: 43 Resp: 32332

Ion Ratio Lower Upper

43 100

61 19.7 14.5 21.7

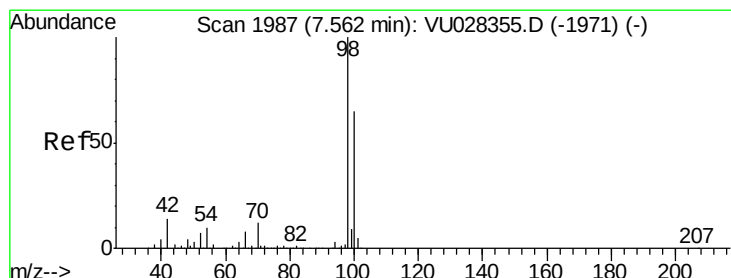
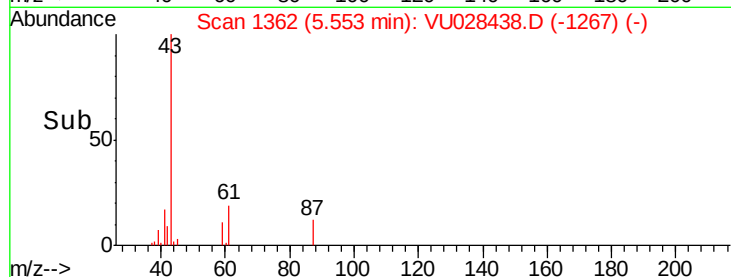
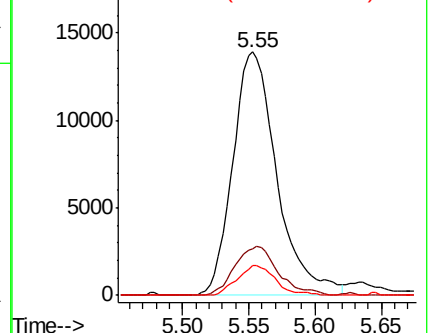
87 10.6 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 87.00 (86.70 to 87.70): VU0



#50

Toluene-d8

Concen: 48.880 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VU028438.D

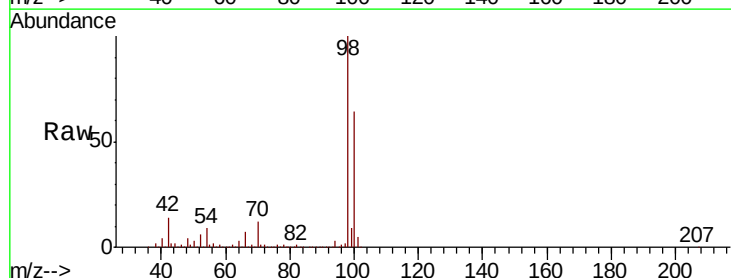
Acq: 03 Dec 2018 13:59

Tgt Ion: 98 Resp: 726822

Ion Ratio Lower Upper

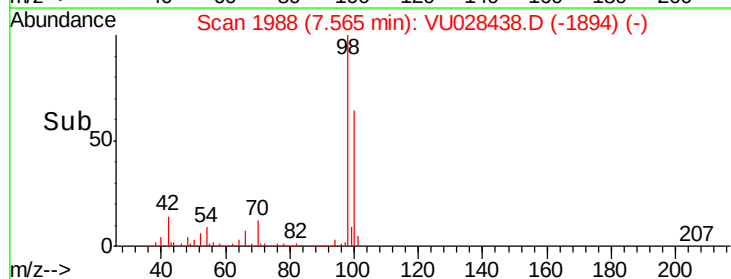
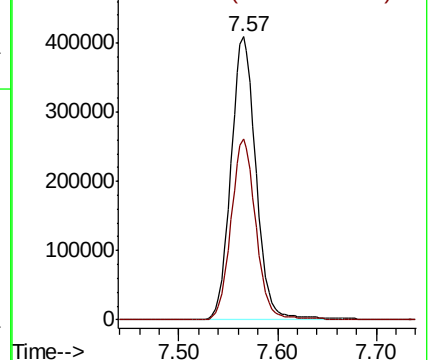
98 100

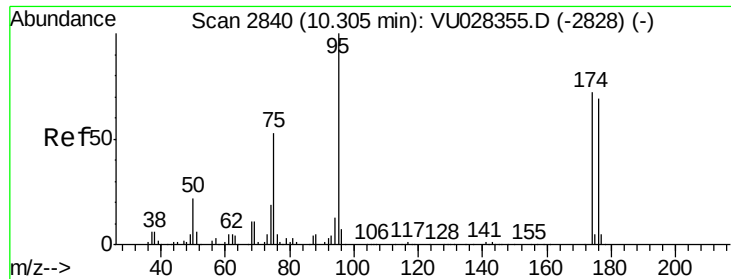
100 63.6 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU0

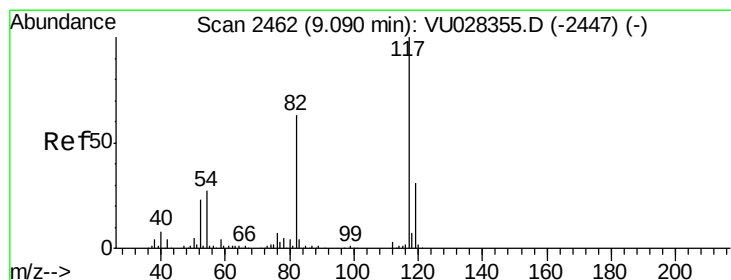
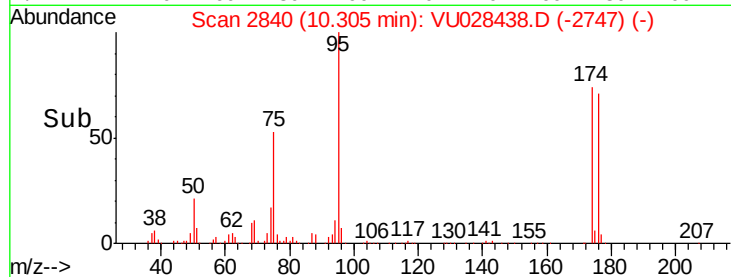
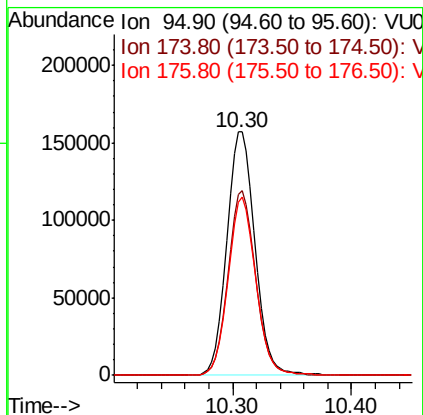
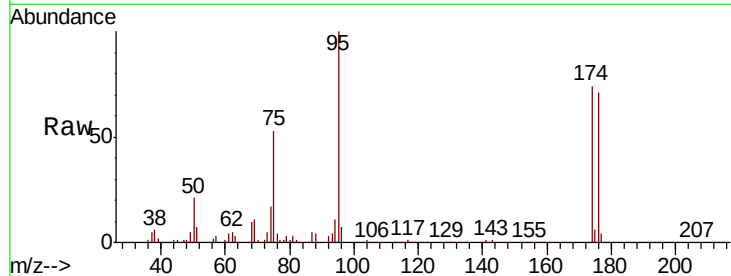




#62
 4-Bromofluorobenzene
 Concen: 48.103 ug/l
 RT: 10.30 min Scan# 2840
 Delta R.T. 0.00 min
 Lab File: VU028438.D
 Acq: 03 Dec 2018 13:59

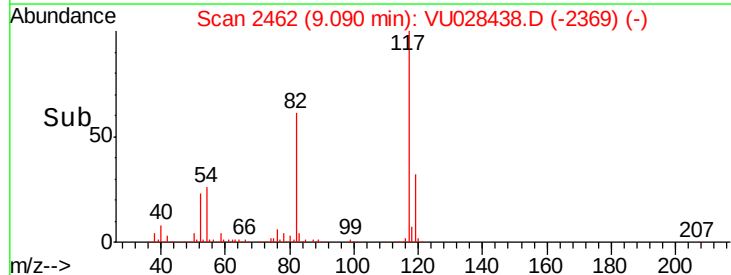
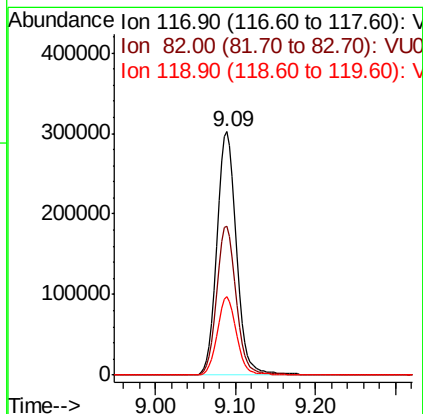
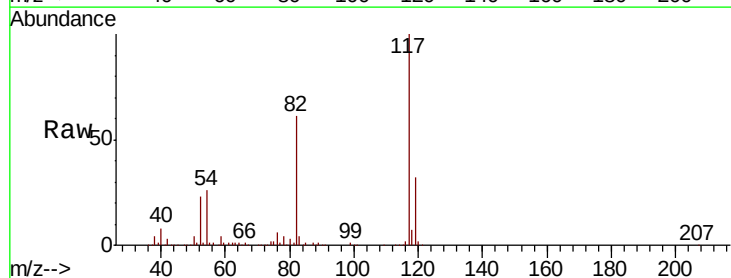
Instrument :
 MSVOA_U
 ClientSampleId :
 PB115231ZHE#15

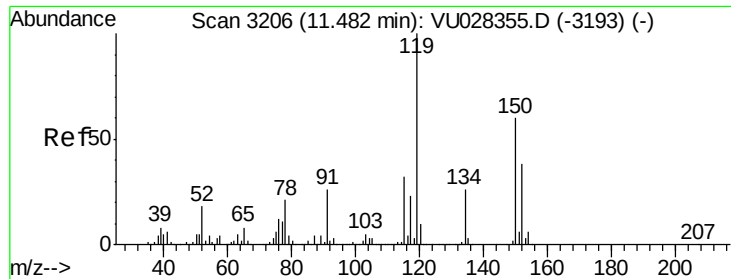
Tot Ion	Ratio	Lower	Upper
95	100		
174	74.2	0.0	145.4
176	71.9	0.0	140.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.09 min Scan# 2462
 Delta R.T. 0.00 min
 Lab File: VU028438.D
 Acq: 03 Dec 2018 13:59

Tgt Ion	Ratio	Lower	Upper
117	100		
82	61.3	50.3	75.5
119	32.0	24.8	37.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. 0.00 min

Lab File: VU028438.D

Acq: 03 Dec 2018 13:59

Instrument :

MSVOA_U

ClientSampleId :

PB115231ZHE#15

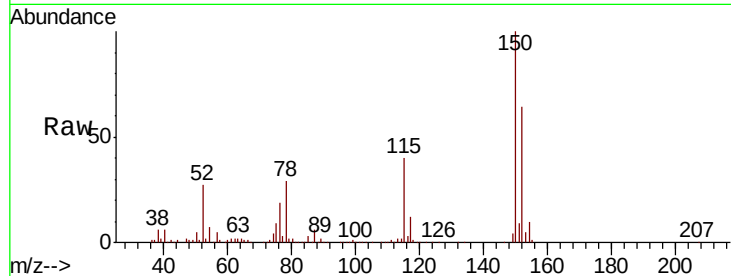
Tot Ion:152 Resp: 232023

Ion Ratio Lower Upper

152 100

115 61.4 45.0 134.8

150 155.9 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

