

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU120318\
 Data File : VU028439.D
 Acq On : 03 Dec 2018 14:22
 Operator : MD/SY
 Sample : PB115231ZHE#16
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB115231ZHE#16

Quant Time: Dec 04 07:24:01 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

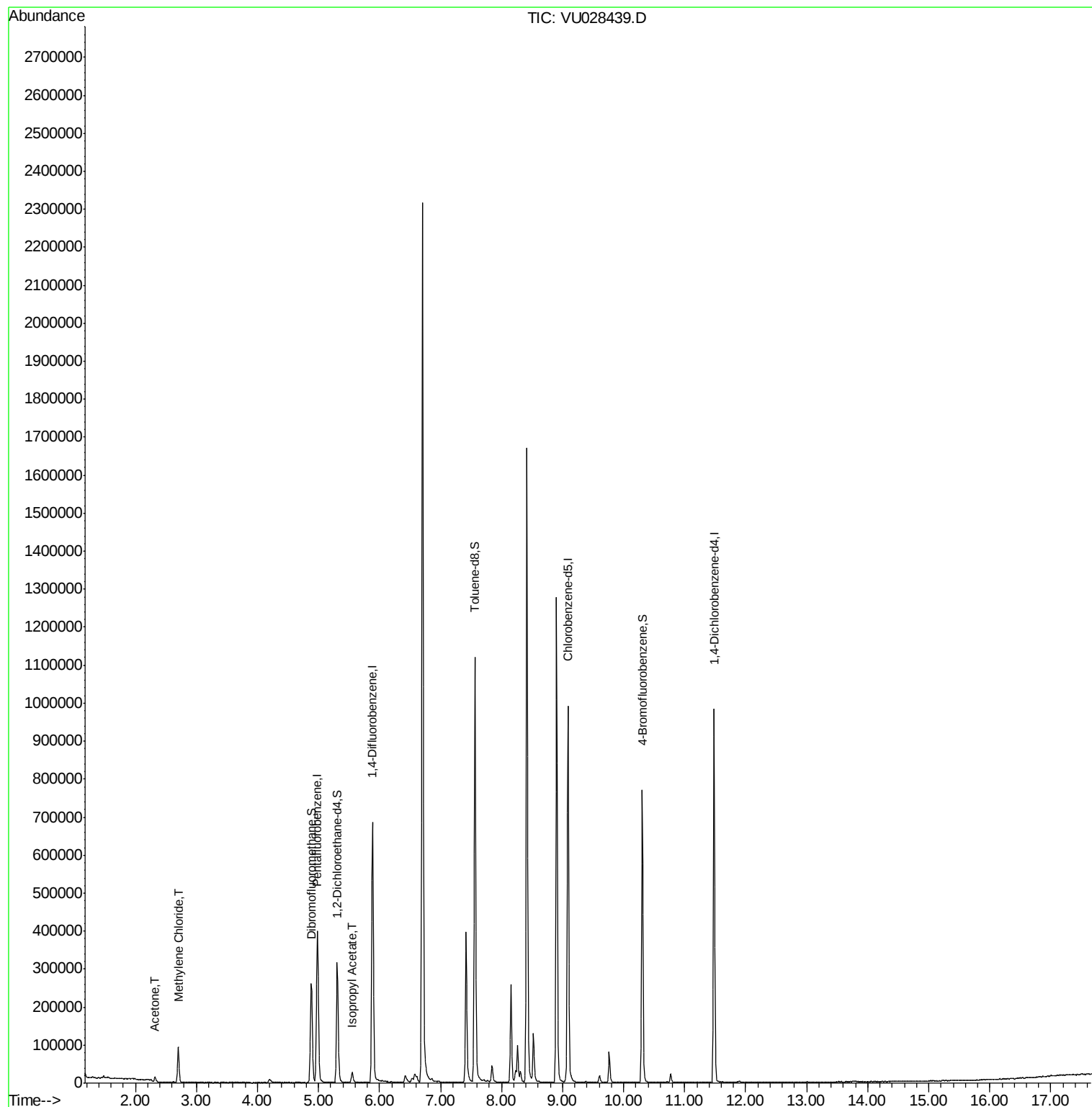
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	298706	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	556828	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	519825	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	240668	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	245148	49.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.22%	
35) Dibromofluoromethane	4.88	113	181646	49.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.12%	
50) Toluene-d8	7.57	98	720481	48.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.30%	
62) 4-Bromofluorobenzene	10.30	95	261739	49.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.08%	
Target Compounds						
16) Acetone	2.32	43	14320	4.689	ug/l	92
20) Methylene Chloride	2.70	84	39632	9.141	ug/l	90
43) Isopropyl Acetate	5.56	43	34225	2.601	ug/l	97

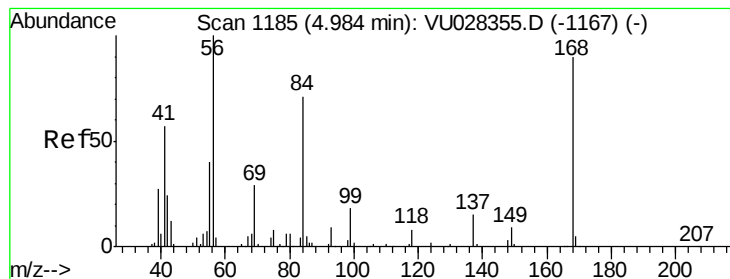
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU028439.D

Acq: 03 Dec 2018 14:22

Instrument :

MSVOA_U

ClientSampleId :

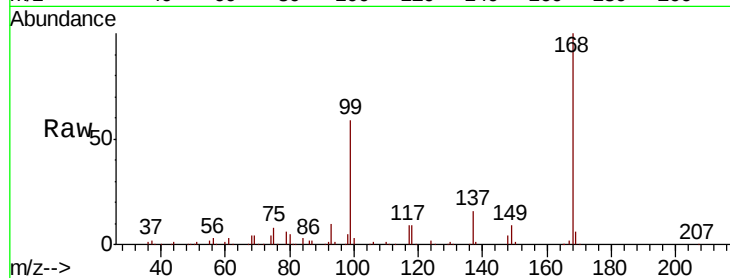
PB115231ZHE#16

Tot Ion:168 Resp: 298706

Ion Ratio Lower Upper

168 100

99 59.1 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) (-)

4.99

150000

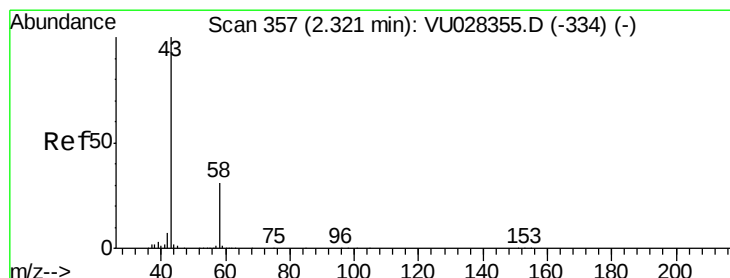
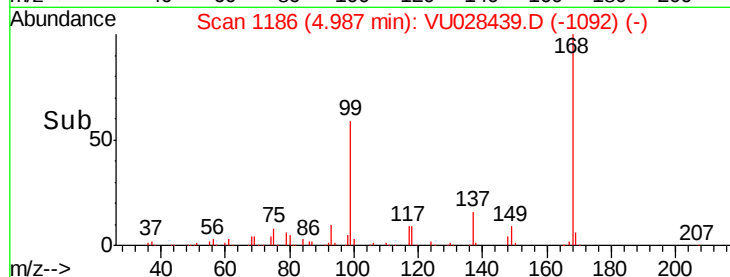
100000

50000

0

Time-->

4.90 5.00 5.10



#16

Acetone

Concen: 4.689 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU028439.D

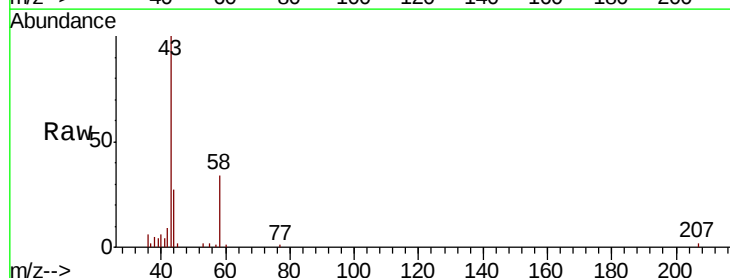
Acq: 03 Dec 2018 14:22

Tgt Ion: 43 Resp: 14320

Ion Ratio Lower Upper

43 100

58 34.8 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

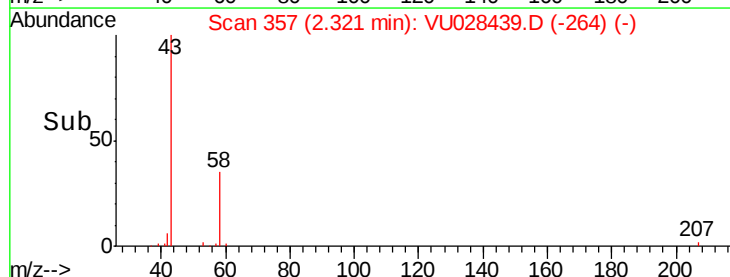
4000

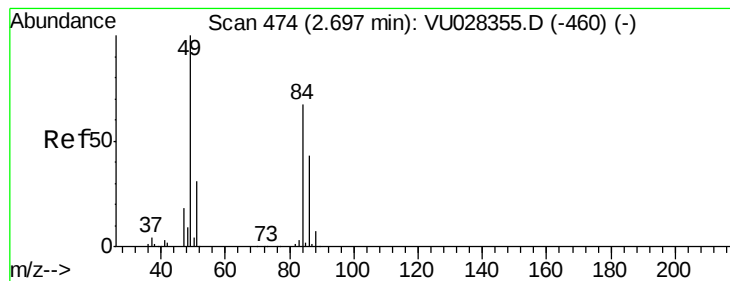
2000

0

Time-->

2.25 2.30 2.35 2.40





#20

Methvlene Chloride

Concen: 9.141 ug/l

RT: 2.70 min Scan# 476

Delta R.T. 0.01 min

Lab File: VU028439.D

Acq: 03 Dec 2018 14:22

Instrument :

MSVOA_U

ClientSampleId :

PB115231ZHE#16

Tot Ion: 84 Resp: 39632

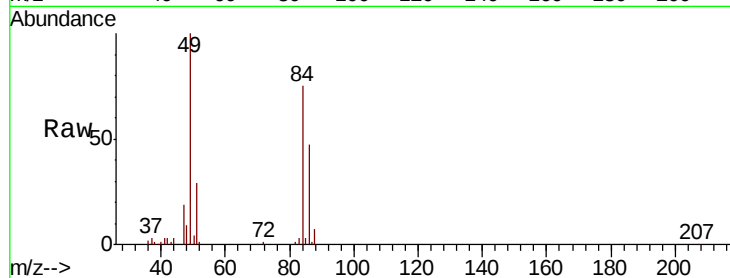
Ion Ratio Lower Upper

84 100

49 133.3 120.0 180.0

51 39.1 36.9 55.3

86 63.1 51.1 76.7

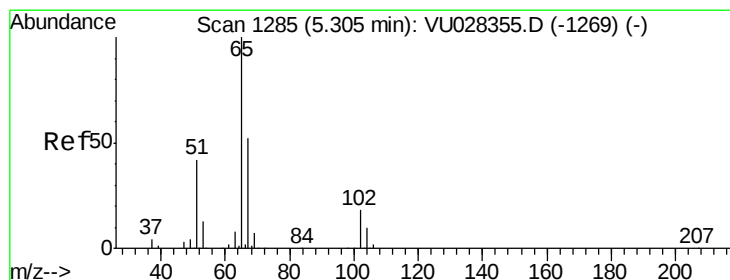
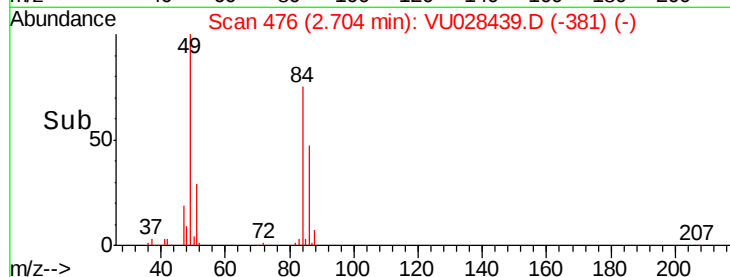
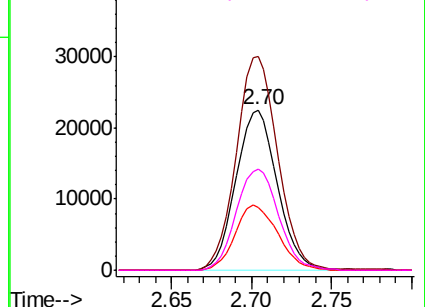


Abundance Ion 83.90 (83.60 to 84.60): VU0

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: 49.107 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. 0.00 min

Lab File: VU028439.D

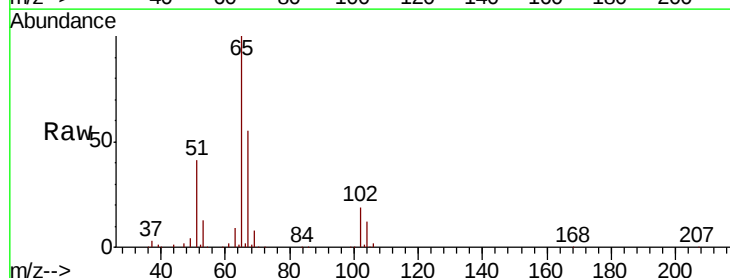
Acq: 03 Dec 2018 14:22

Tgt Ion: 65 Resp: 245148

Ion Ratio Lower Upper

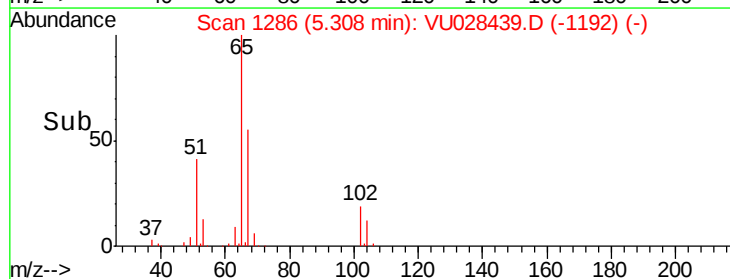
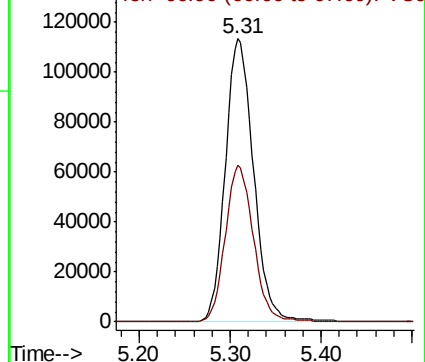
65 100

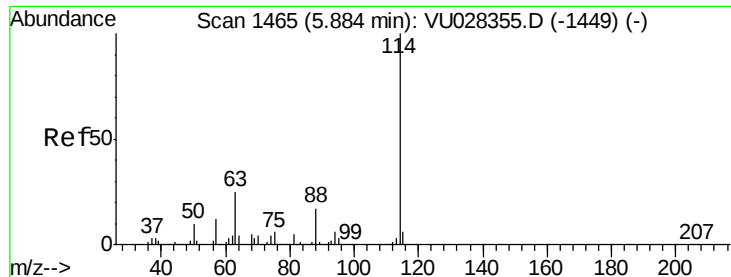
67 54.9 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0

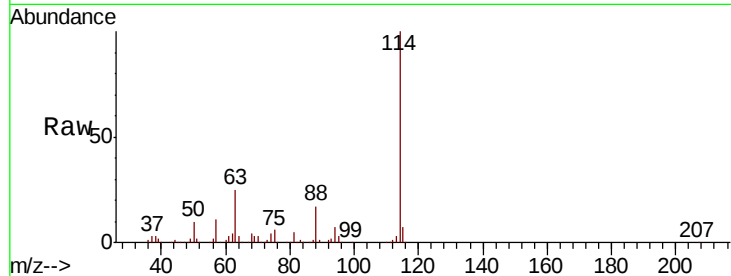




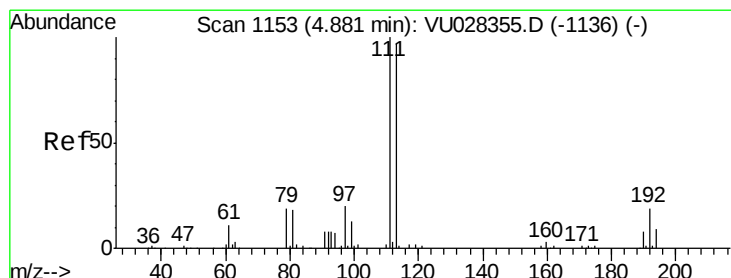
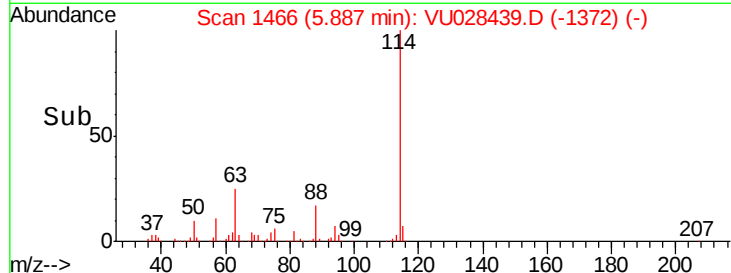
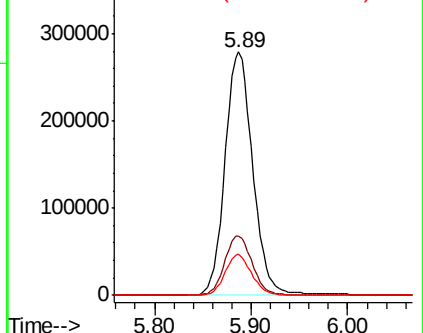
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.89 min Scan# 1466
Delta R.T. 0.00 min
Lab File: VU028439.D
Acq: 03 Dec 2018 14:22

Instrument :
MSVOA_U
ClientSampleId :
PB115231ZHE#16

Tot Ion:114 Resp: 556828
Ion Ratio Lower Upper
114 100
63 24.6 0.0 50.0
88 16.8 0.0 34.4

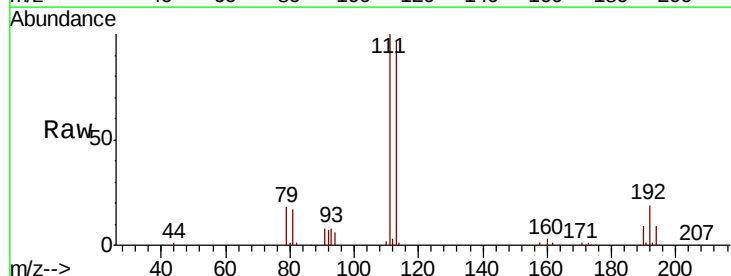


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VU0
Ion 87.90 (87.60 to 88.60): VU0

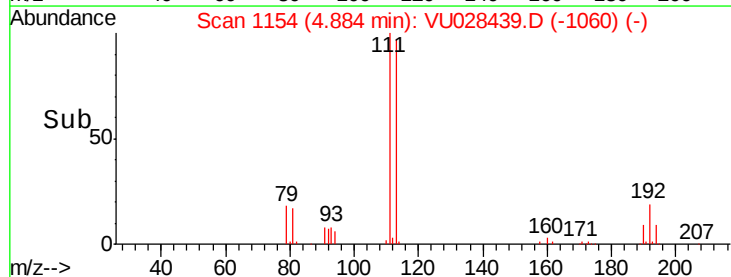
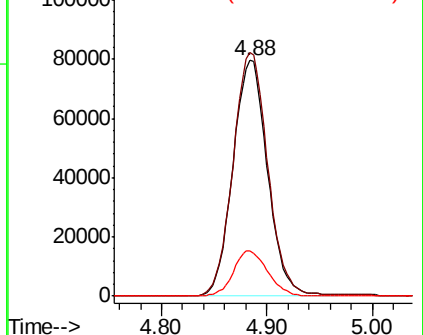


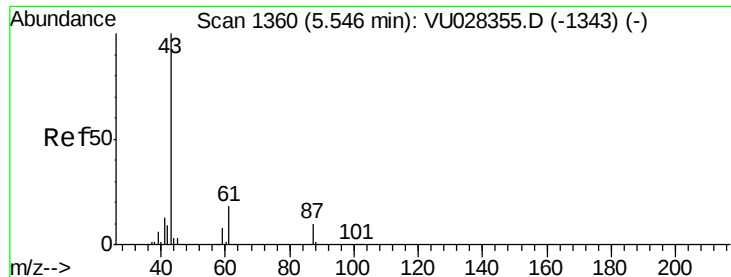
#35
Dibromofluoromethane
Concen: 49.058 ug/l
RT: 4.88 min Scan# 1154
Delta R.T. 0.00 min
Lab File: VU028439.D
Acq: 03 Dec 2018 14:22

Tgt Ion:113 Resp: 181646
Ion Ratio Lower Upper
113 100
111 103.5 82.9 124.3
192 19.0 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: 2.601 ug/l

RT: 5.56 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VU028439.D

Acq: 03 Dec 2018 14:22

Instrument :

MSVOA_U

ClientSampleId :

PB115231ZHE#16

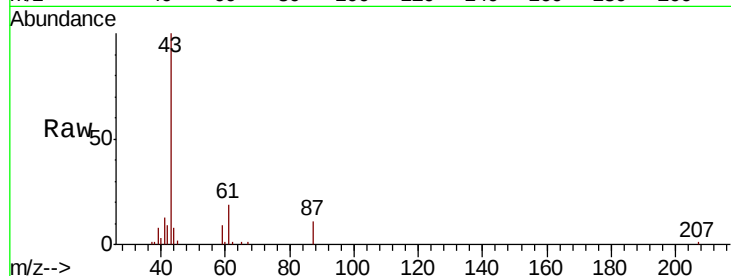
Tot Ion: 43 Resp: 34225

Ion Ratio Lower Upper

43 100

61 16.8 14.5 21.7

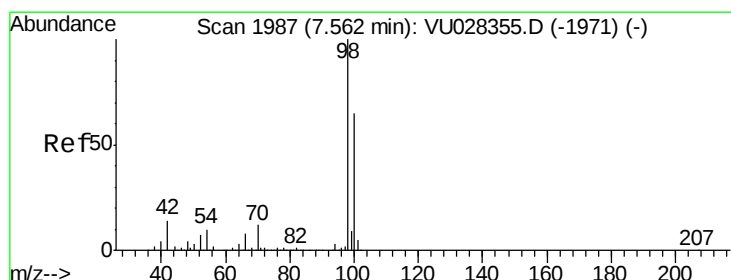
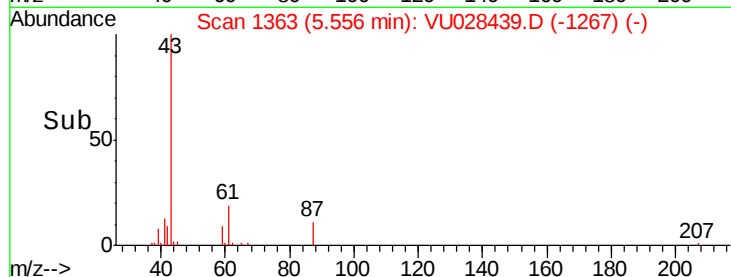
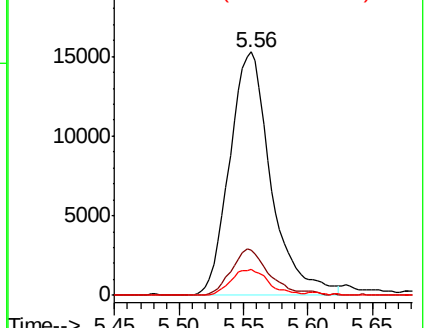
87 9.7 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VU028439.D (-1363) (-)

Ion 61.00 (60.70 to 61.70): VU028439.D (-1363) (-)

Ion 87.00 (86.70 to 87.70): VU028439.D (-1363) (-)



#50

Toluene-d8

Concen: 48.654 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VU028439.D

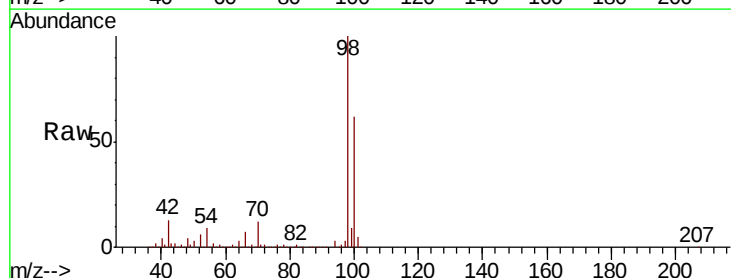
Acq: 03 Dec 2018 14:22

Tgt Ion: 98 Resp: 720481

Ion Ratio Lower Upper

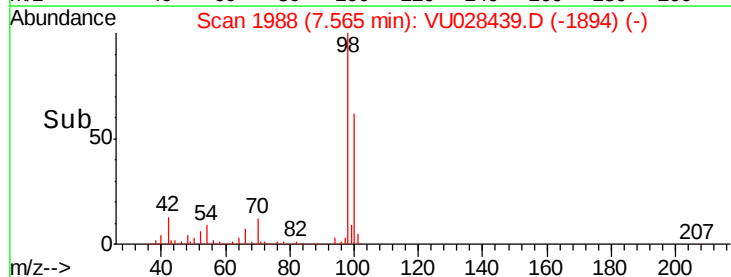
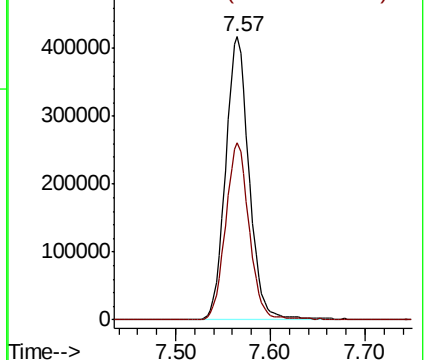
98 100

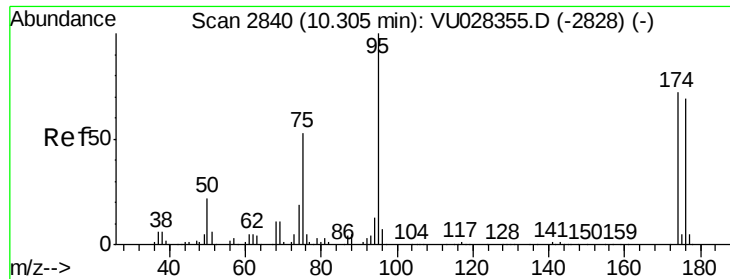
100 62.8 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VU028439.D (-1887) (-)

Ion 100.00 (99.70 to 100.70): VU028439.D (-1887) (-)





#62

4-Bromofluorobenzene

Concen: 49.040 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU028439.D

Acq: 03 Dec 2018 14:22

Instrument :

MSVOA_U

ClientSampleId :

PB115231ZHE#16

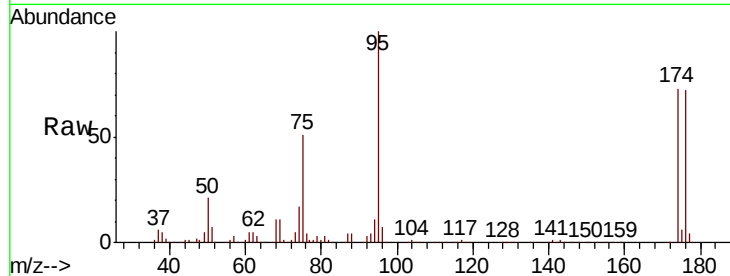
Tot Ion: 95 Resp: 261739

Ion Ratio Lower Upper

95 100

174 74.3 0.0 145.4

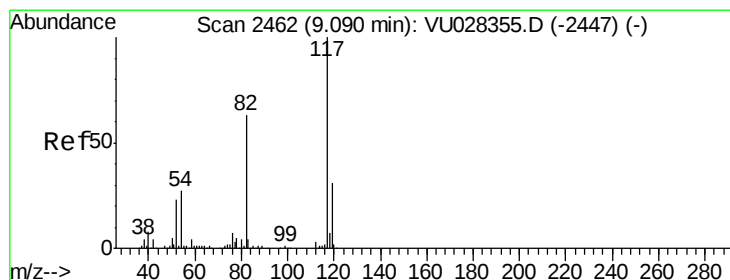
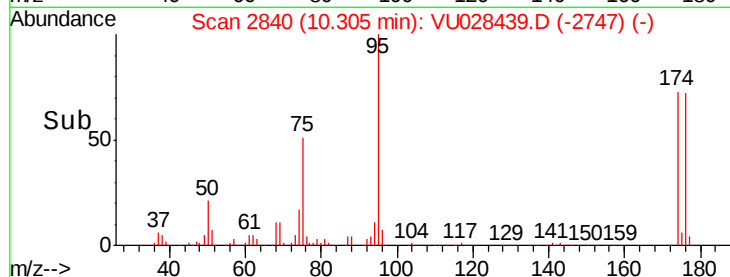
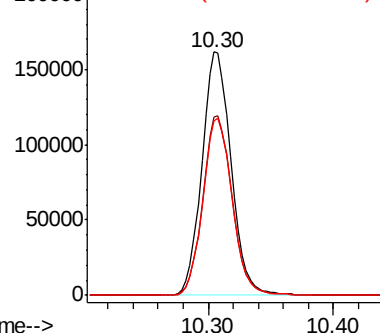
176 73.0 0.0 140.8



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. -0.00 min

Lab File: VU028439.D

Acq: 03 Dec 2018 14:22

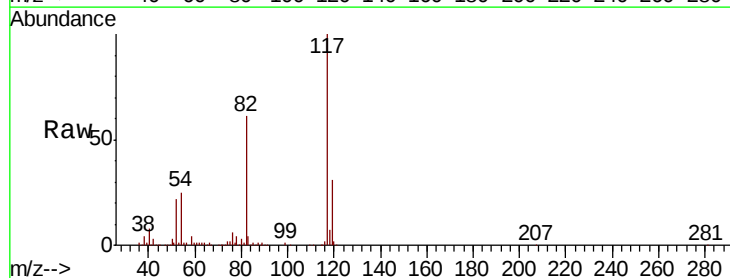
Tgt Ion: 117 Resp: 519825

Ion Ratio Lower Upper

117 100

82 61.0 50.3 75.5

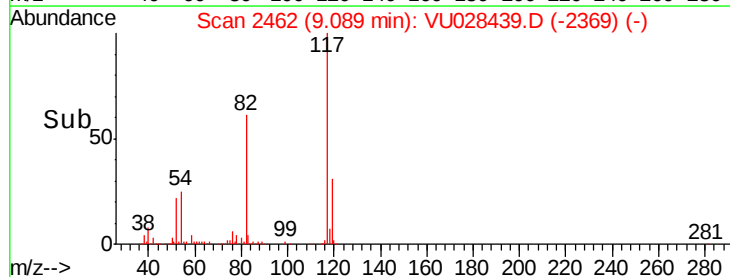
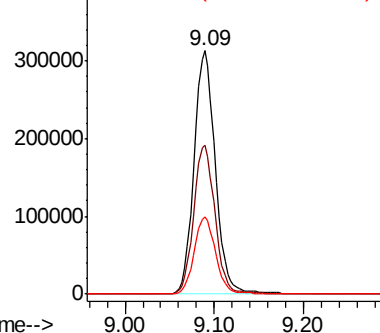
119 31.5 24.8 37.2

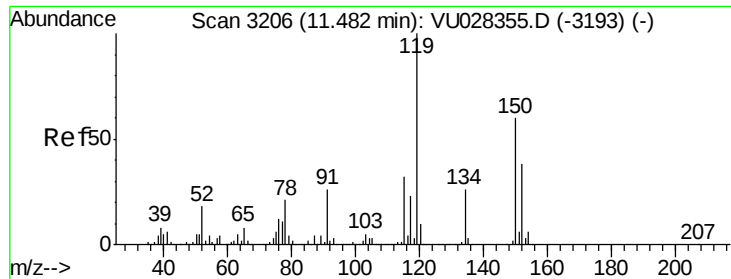


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VU0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. -0.00 min

Lab File: VU028439.D

Acq: 03 Dec 2018 14:22

Instrument :

MSVOA_U

ClientSampleId :

PB115231ZHE#16

Tot Ion:152 Resp: 240668

Ion Ratio Lower Upper

152 100

115 61.5 45.0 134.8

150 154.7 0.0 349.2

