

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011519\
 Data File : VU029189.D
 Acq On : 15 Jan 2019 16:44
 Operator : JC/SP
 Sample : K1139-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 S-1

Quant Time: Jan 16 06:39:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 12 01:33:59 2019
 Response via : Initial Calibration

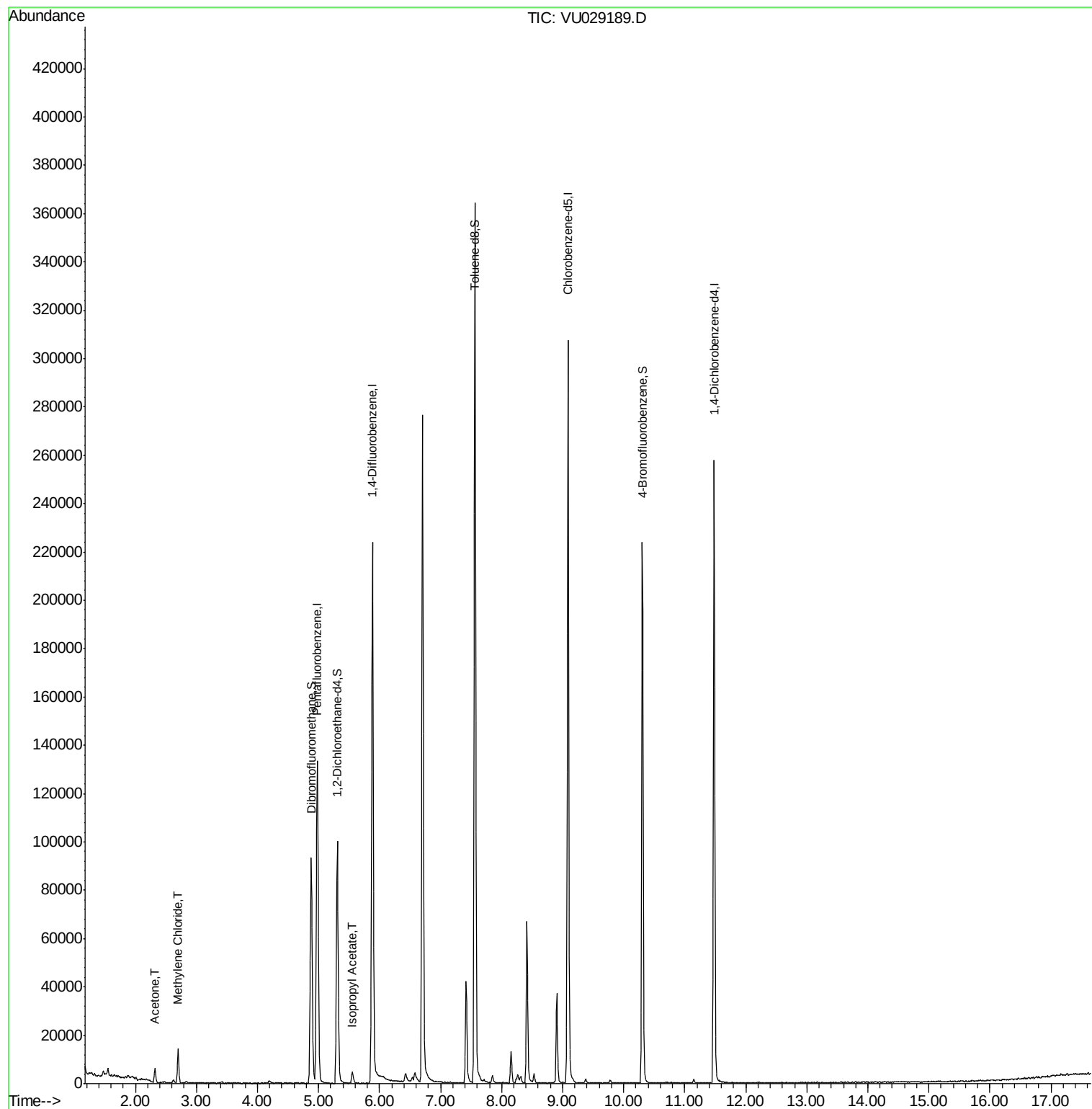
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	108920	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	192269	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	179728	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	70587	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	75821	56.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.62%	
35) Dibromofluoromethane	4.88	113	65675	52.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.38%	
50) Toluene-d8	7.56	98	248850	50.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.16%	
62) 4-Bromofluorobenzene	10.30	95	77097	43.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.20%	
Target Compounds						
16) Acetone	2.32	43	6585	7.763	ug/l	98
20) Methylene Chloride	2.70	84	6106	4.240	ug/l	94
43) Isopropyl Acetate	5.55	43	5891	1.820	ug/l #	91

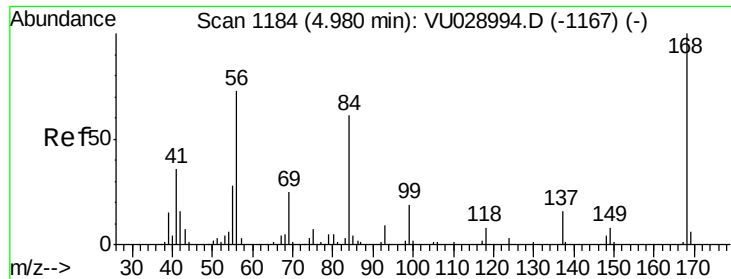
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. 0.00 min

Lab File: VU029189.D

Acq: 15 Jan 2019 16:44

Instrument :

MSVOA_U

ClientSampled :

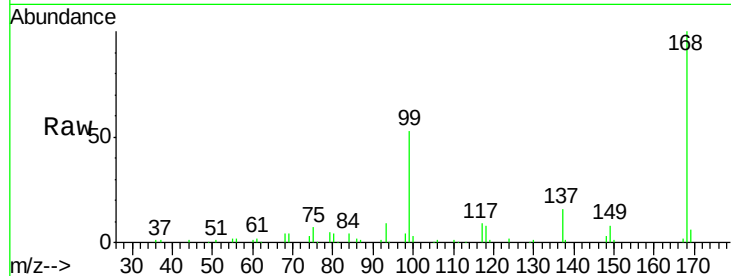
S-1

Tot Ion:168 Resp: 108920

Ion Ratio Lower Upper

168 100

99 52.8 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VU028994.D (-1167) (-)

Ion 98.90 (98.60 to 99.60): VU028994.D (-1167) (-)

4.98

50000

40000

30000

20000

10000

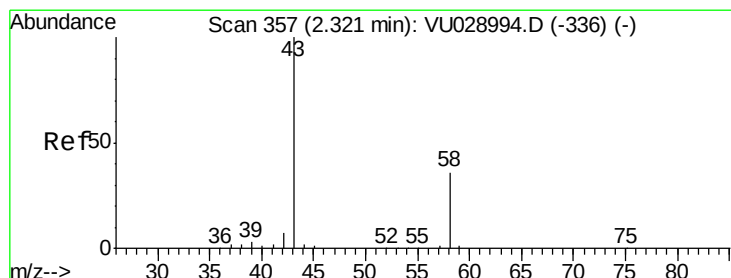
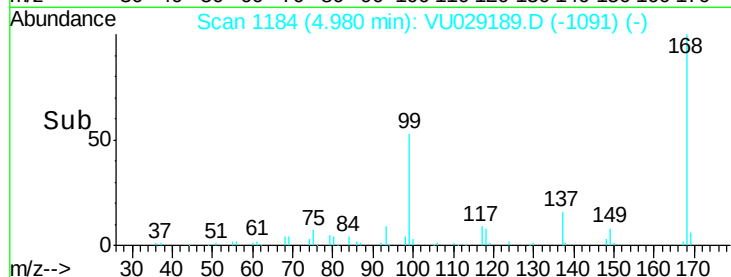
0

4.90

5.00

5.10

Time-->



#16

Acetone

Concen: 7.763 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU029189.D

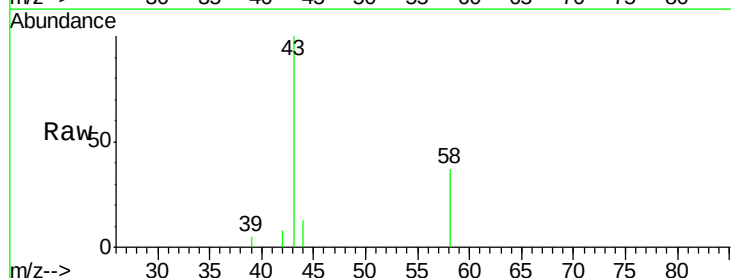
Acq: 15 Jan 2019 16:44

Tgt Ion: 43 Resp: 6585

Ion Ratio Lower Upper

43 100

58 36.8 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VU028994.D (-336) (-)

Ion 58.00 (57.70 to 58.70): VU028994.D (-336) (-)

2.32

4000

3000

2000

1000

0

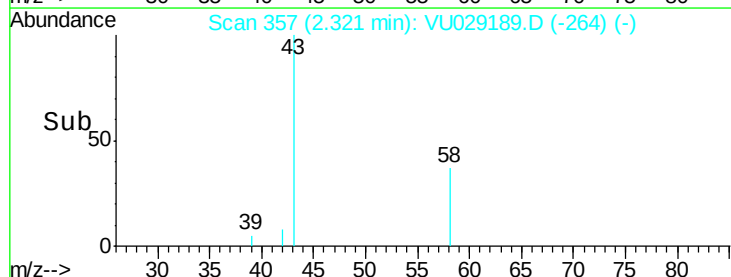
2.25

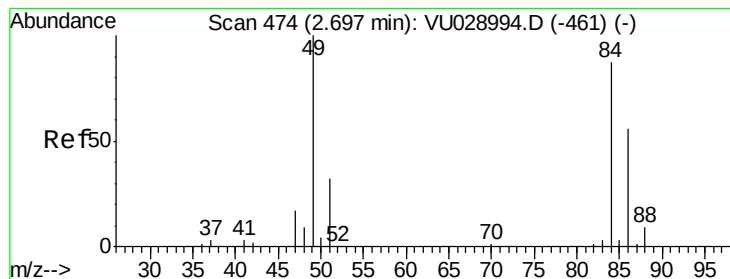
2.30

2.35

2.40

Time-->





#20

Methylene Chloride

Concen: 4.240 ug/l

RT: 2.70 min Scan# 474

Delta R.T. 0.00 min

Lab File: VU029189.D

Acq: 15 Jan 2019 16:44

Instrument :

MSVOA_U

ClientSampleId :

S-1

Tot Ion: 84 Resp: 6106

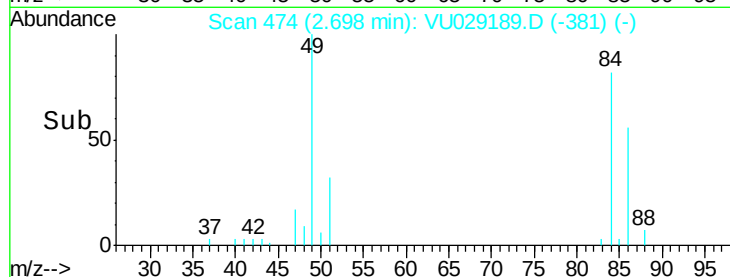
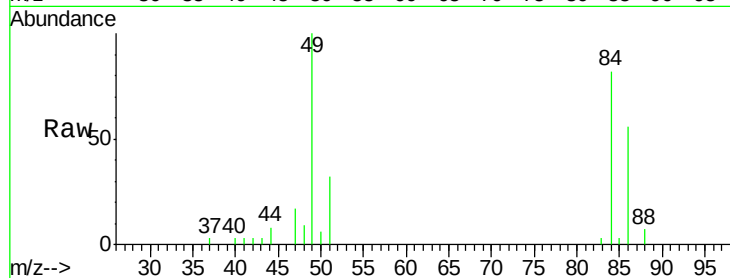
Ion Ratio Lower Upper

84 100

49 122.7 91.9 137.9

51 38.9 29.2 43.8

86 68.7 51.8 77.6

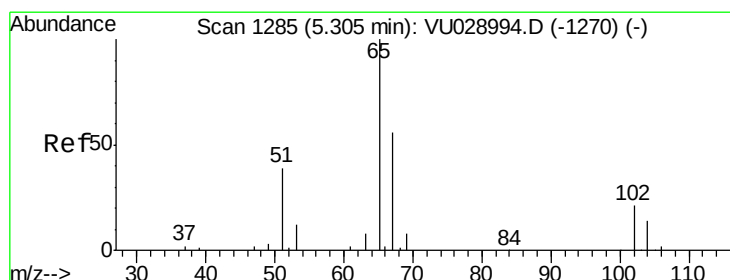
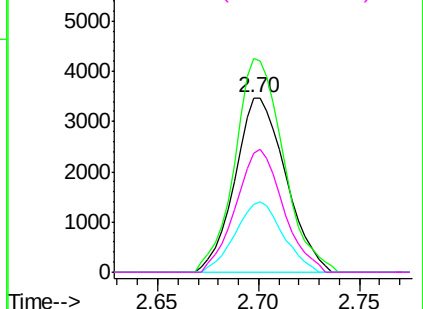


Abundance Ion 83.90 (83.60 to 84.60): VU0

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: 56.311 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. 0.00 min

Lab File: VU029189.D

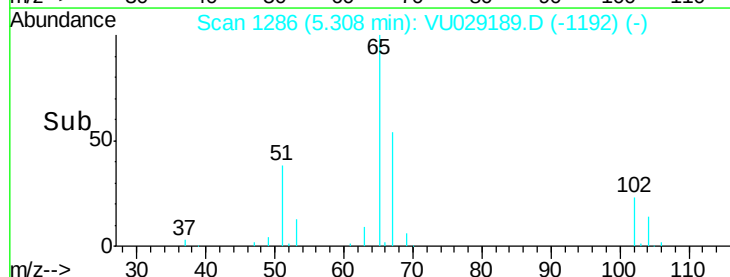
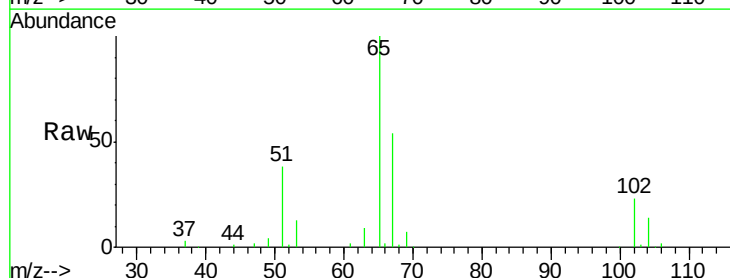
Acq: 15 Jan 2019 16:44

Tgt Ion: 65 Resp: 75821

Ion Ratio Lower Upper

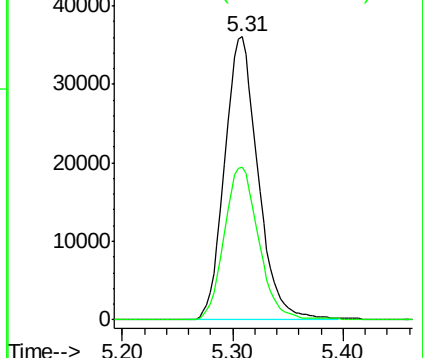
65 100

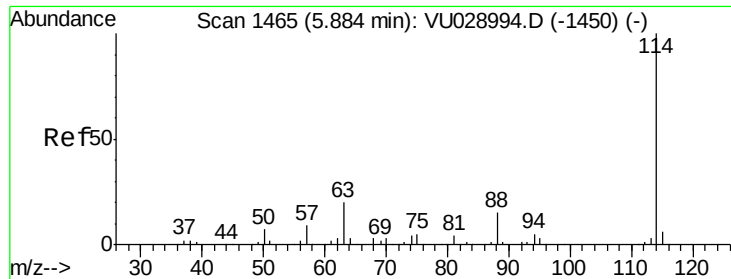
67 55.6 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0

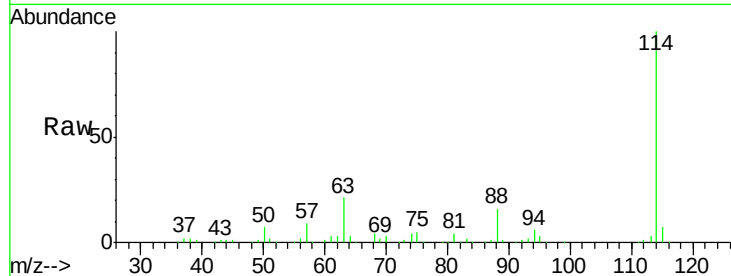




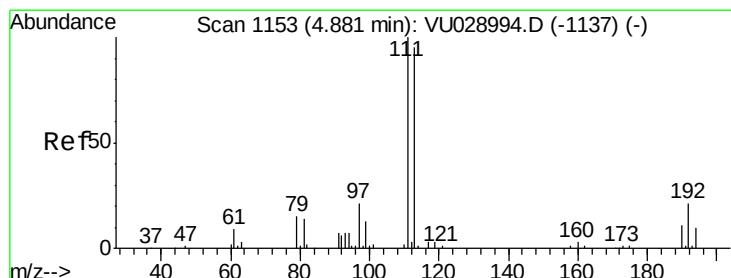
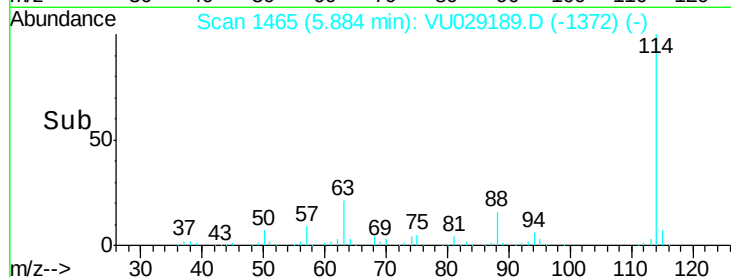
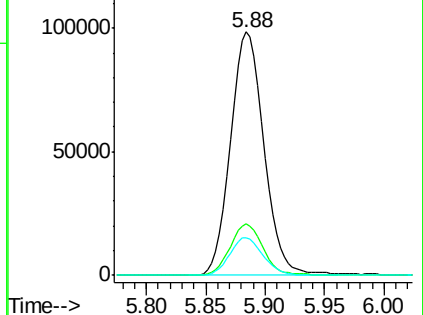
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: VU029189.D
 Acq: 15 Jan 2019 16:44

Instrument :
 MSVOA_U
 ClientSampled :
 S-1

Tot Ion:114 Resp: 192269
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 40.2
 88 15.5 0.0 30.4

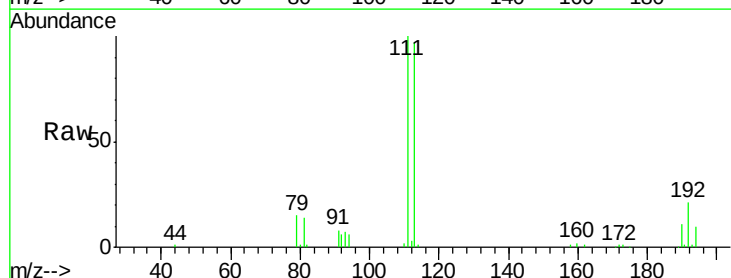


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

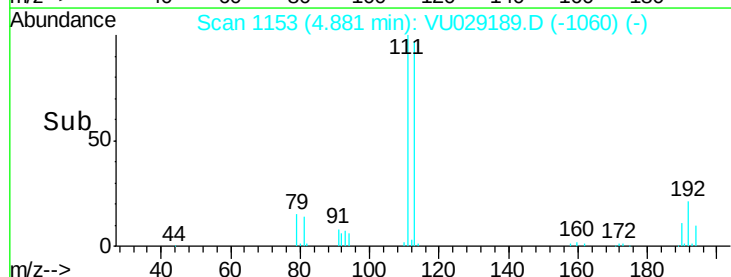
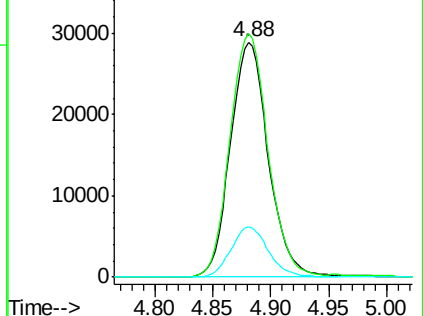


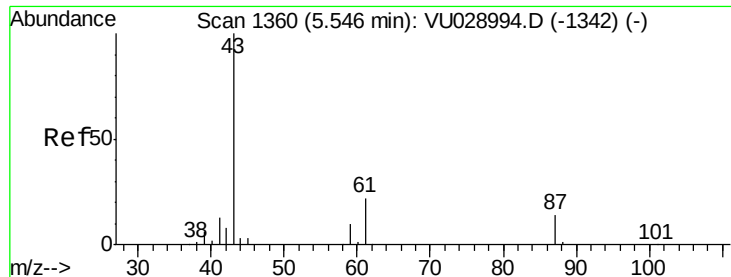
#35
 Dibromofluoromethane
 Concen: 52.694 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: VU029189.D
 Acq: 15 Jan 2019 16:44

Tgt Ion:113 Resp: 65675
 Ion Ratio Lower Upper
 113 100
 111 104.1 81.4 122.2
 192 21.2 16.8 25.2



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: 1.820 ug/l

RT: 5.55 min Scan# 1361

Delta R.T. 0.00 min

Lab File: VU029189.D

Acq: 15 Jan 2019 16:44

Instrument :

MSVOA_U

ClientSampleId :

S-1

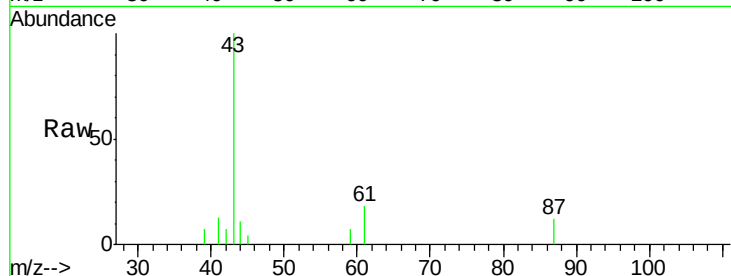
Tot Ion: 43 Resp: 5891

Ion Ratio Lower Upper

43 100

61 18.2 17.8 26.6

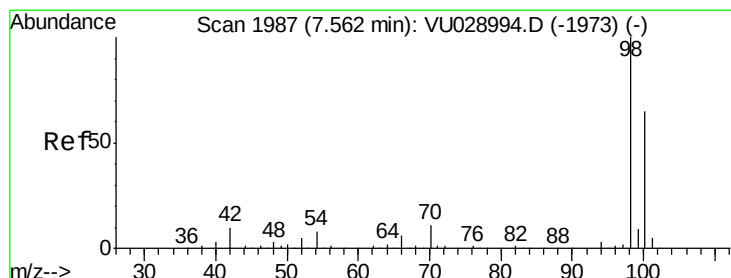
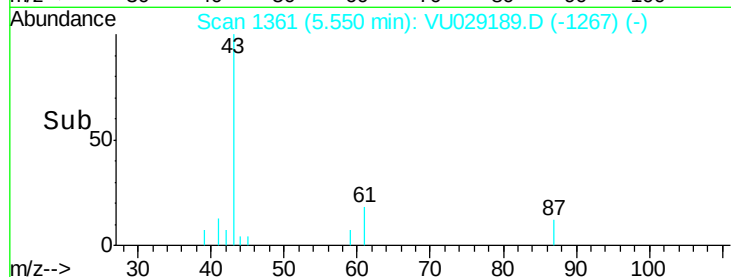
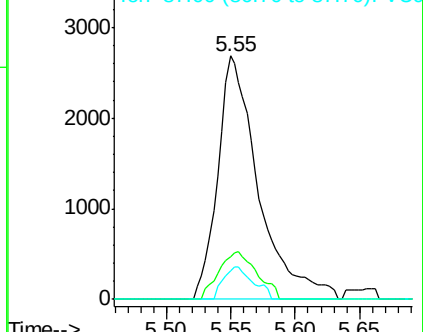
87 9.7 11.3 16.9#



Abundance Ion 43.00 (42.70 to 43.70): VU029189.D (-1360) (-)

Ion 61.00 (60.70 to 61.70): VU029189.D (-1360) (-)

Ion 87.00 (86.70 to 87.70): VU029189.D (-1360) (-)



#50

Toluene-d8

Concen: 50.575 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VU029189.D

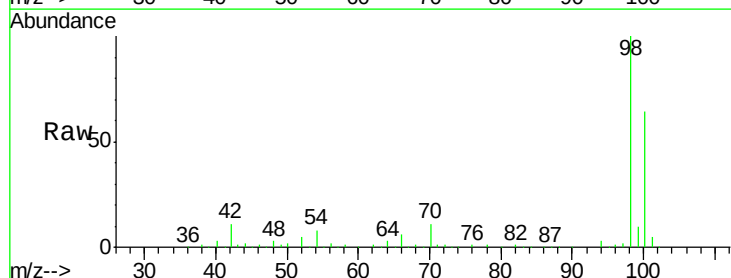
Acq: 15 Jan 2019 16:44

Tgt Ion: 98 Resp: 248850

Ion Ratio Lower Upper

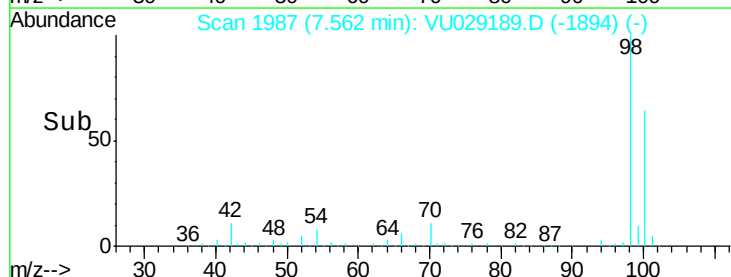
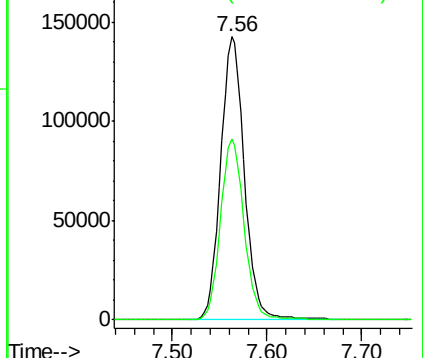
98 100

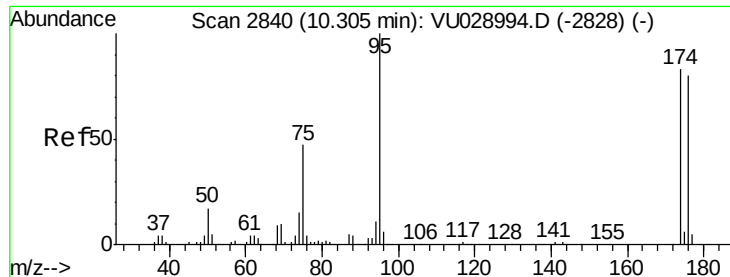
100 64.1 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VU029189.D (-1987) (-)

Ion 100.00 (99.70 to 100.70): VU029189.D (-1987) (-)

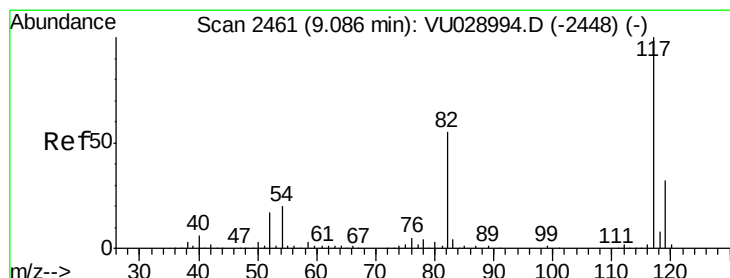
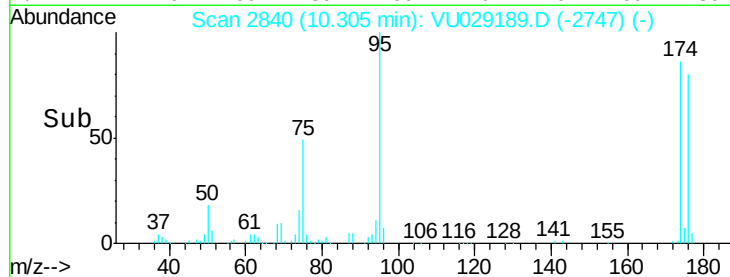
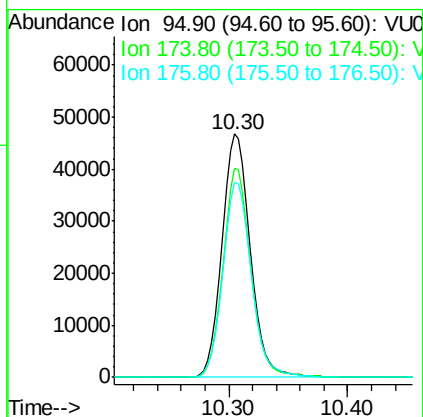
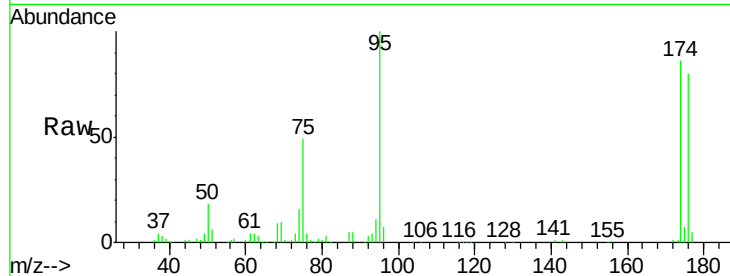




#62
4-Bromofluorobenzene
Concen: 43.599 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VU029189.D
Acq: 15 Jan 2019 16:44

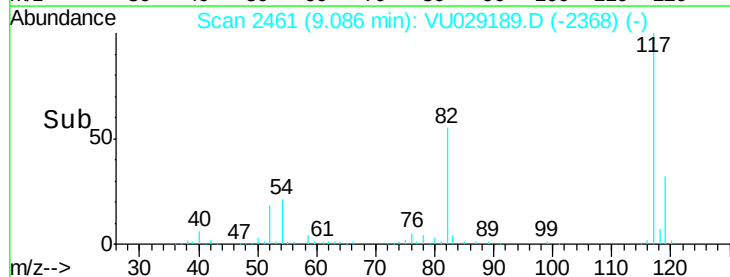
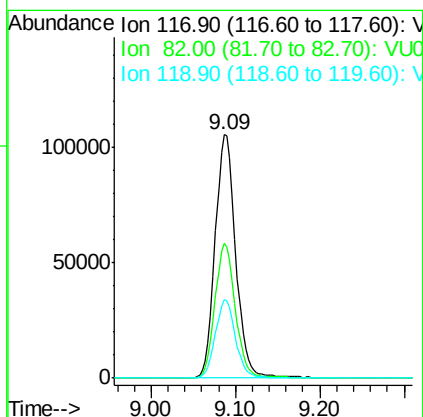
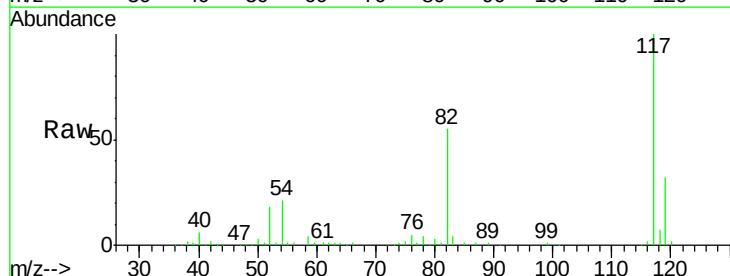
Instrument :
MSVOA_U
ClientSampleId :
S-1

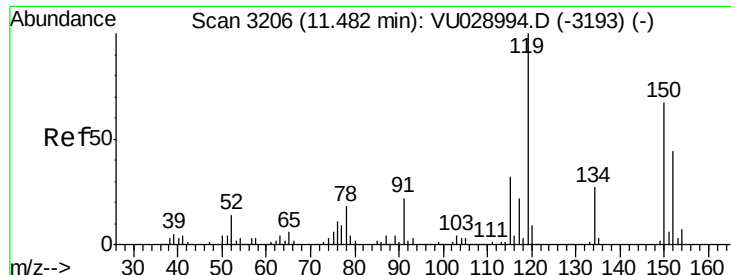
Tot Ion: 95 Resp: 77097
Ion Ratio Lower Upper
95 100
174 84.4 0.0 170.6
176 80.4 0.0 165.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2461
Delta R.T. 0.00 min
Lab File: VU029189.D
Acq: 15 Jan 2019 16:44

Tgt Ion: 117 Resp: 179728
Ion Ratio Lower Upper
117 100
82 55.4 43.9 65.9
119 32.1 26.0 39.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.48 min Scan# 3206
 Delta R.T. 0.00 min
 Lab File: VU029189.D
 Acq: 15 Jan 2019 16:44

Instrument :
 MSVOA_U
 ClientSampleId :
 S-1

Tot Ion:152 Resp: 70587
 Ion Ratio Lower Upper
 152 100
 115 56.7 40.1 120.3
 150 157.7 0.0 345.2

