

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011519\
 Data File : VU029187.D
 Acq On : 15 Jan 2019 15:56
 Operator : JC/SP
 Sample : PB116371ZHE#09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB116371ZHE#09

Quant Time: Jan 16 06:34:37 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

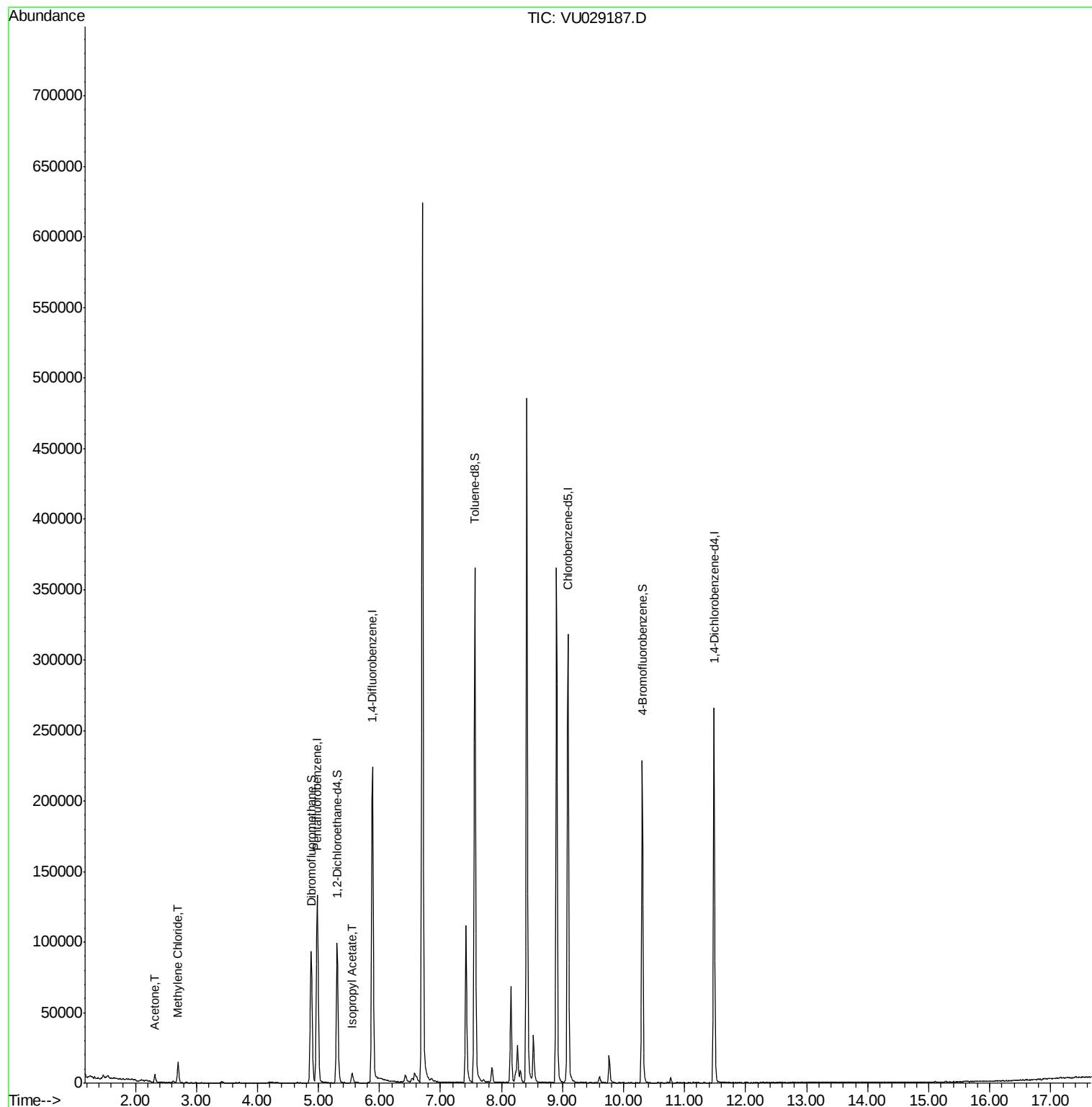
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	108262	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	194040	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	183370	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	73505	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	75579	56.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.94%	
35) Dibromofluoromethane	4.88	113	65708	52.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.48%	
50) Toluene-d8	7.56	98	248974	50.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.28%	
62) 4-Bromofluorobenzene	10.31	95	78703	44.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.20%	
Target Compounds						
16) Acetone	2.32	43	5936	7.041	ug/l	91
20) Methylene Chloride	2.70	84	6797	4.748	ug/l	95
43) Isopropyl Acetate	5.55	43	7969	2.440	ug/l	96

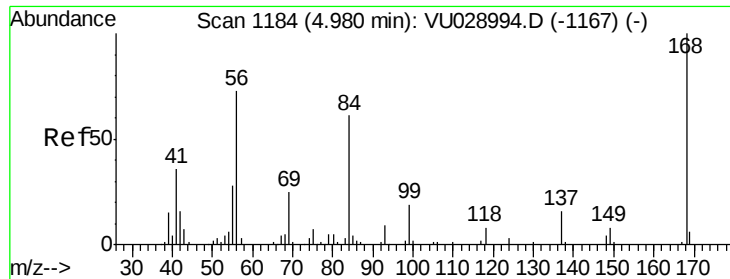
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU029187.D

Acq: 15 Jan 2019 15:56

Instrument :

MSVOA_U

ClientSampleId :

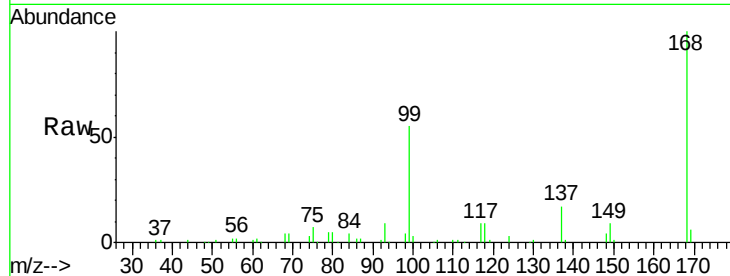
PB116371ZHE#09

Tot Ion:168 Resp: 108262

Ion Ratio Lower Upper

168 100

99 55.5 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

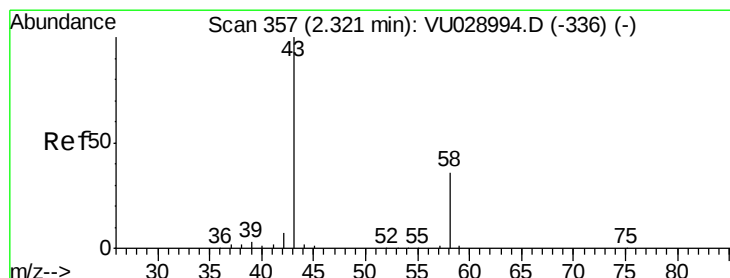
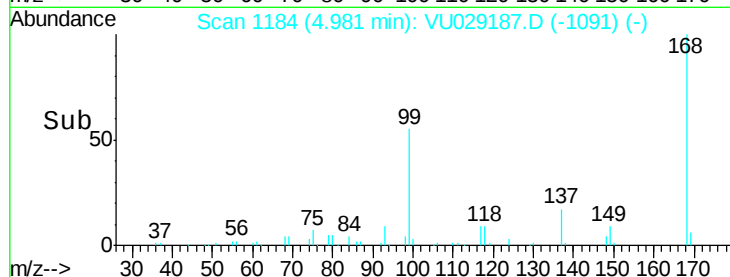
20000

10000

0

4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 7.041 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU029187.D

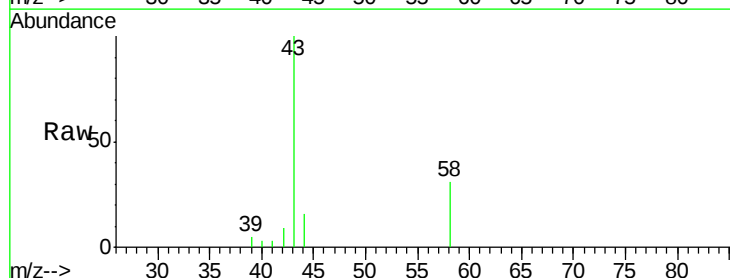
Acq: 15 Jan 2019 15:56

Tgt Ion: 43 Resp: 5936

Ion Ratio Lower Upper

43 100

58 30.6 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

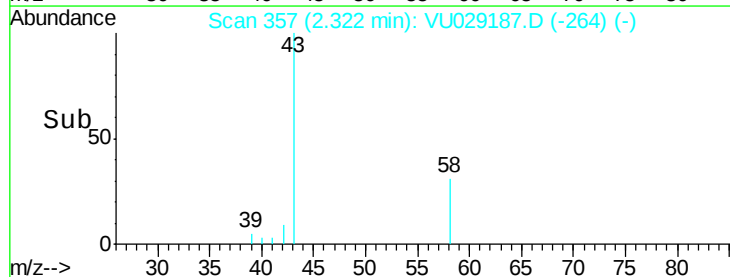
2000

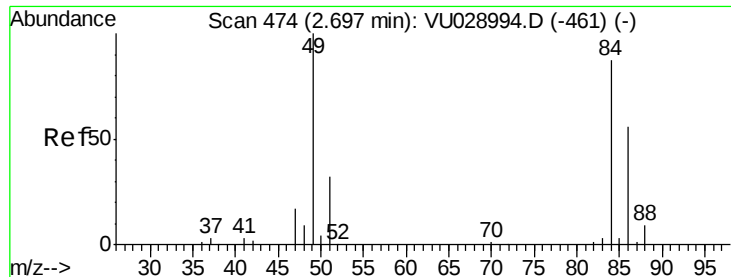
1000

0

2.25 2.30 2.35 2.40

Time-->

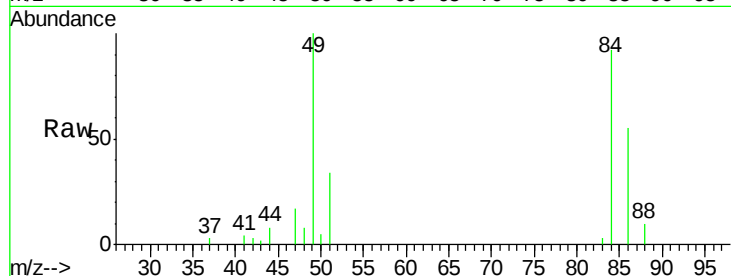




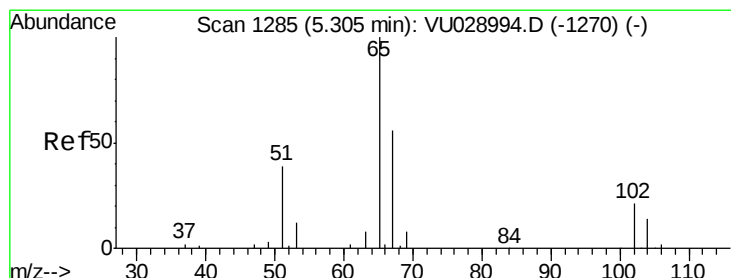
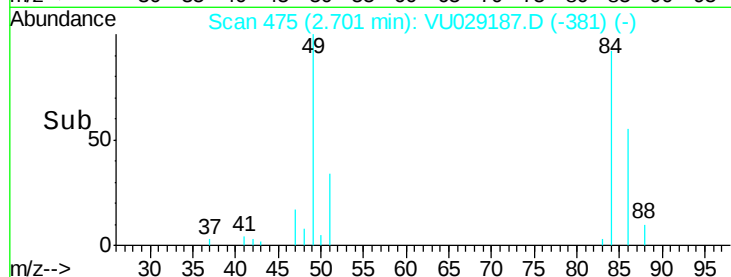
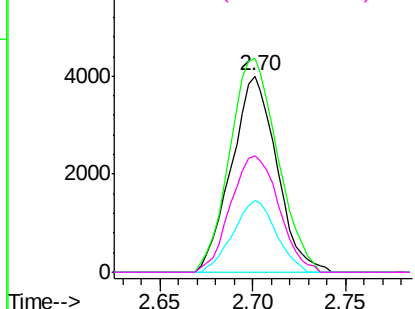
#20
Methvlene Chloride
Concen: 4.748 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU029187.D
Acq: 15 Jan 2019 15:56

Instrument :
MSVOA_U
ClientSampleId :
PB116371ZHE#09

Tot Ion:	84	Resp:	6797
Ion	Ratio	Lower	Upper
84	100		
49	109.0	91.9	137.9
51	36.6	29.2	43.8
86	59.4	51.8	77.6

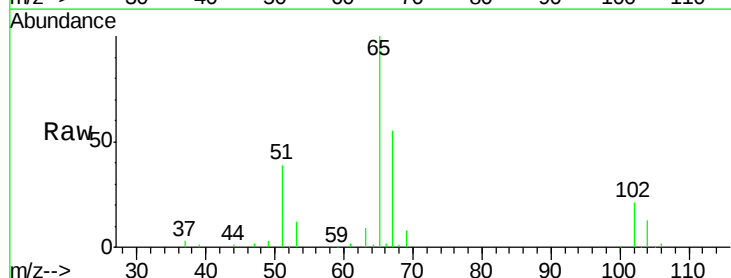


Abundance Ion 83.90 (83.60 to 84.60): VU0
Ion 48.90 (48.60 to 49.60): VU0
Ion 50.90 (50.60 to 51.60): VU0
Ion 85.90 (85.60 to 86.60): VU0

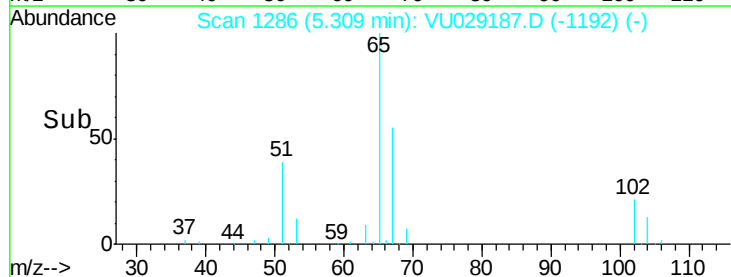
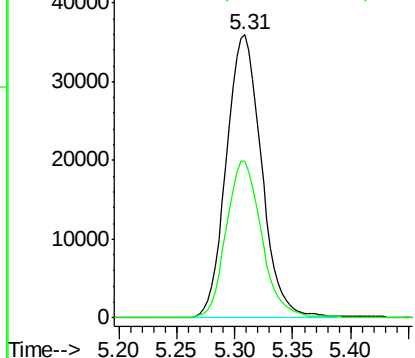


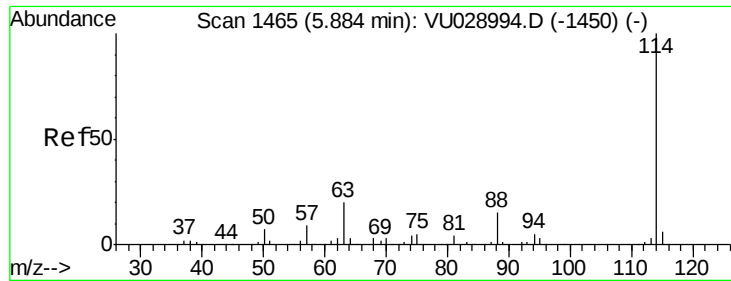
#33
1,2-Dichloroethane-d4
Concen: 56.473 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. 0.00 min
Lab File: VU029187.D
Acq: 15 Jan 2019 15:56

Tgt Ion:	65	Resp:	75579
Ion	Ratio	Lower	Upper
65	100		
67	55.7	0.0	111.0



Abundance Ion 64.90 (64.60 to 65.60): VU0
Ion 66.90 (66.60 to 67.60): VU0

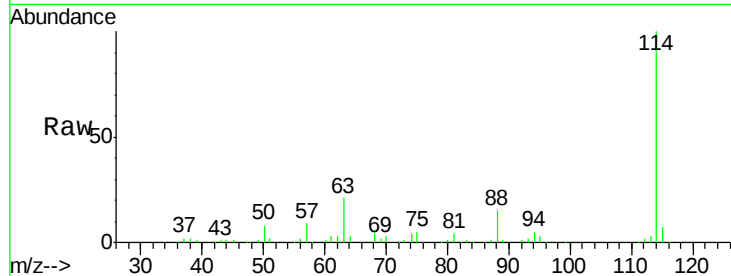




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: VU029187.D
 Acq: 15 Jan 2019 15:56

Instrument :
 MSVOA_U
 ClientSampleId :
 PB116371ZHE#09

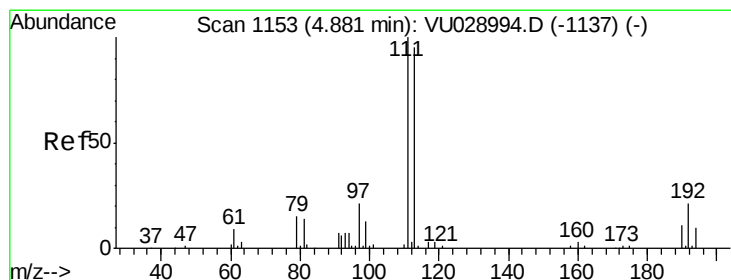
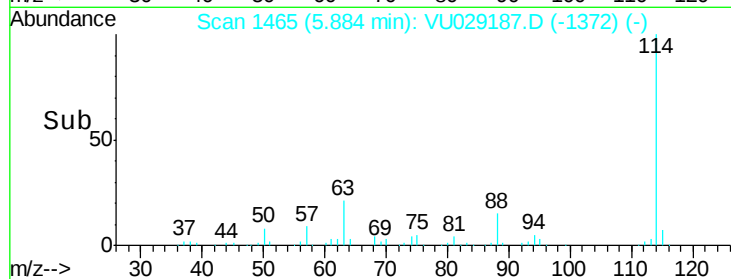
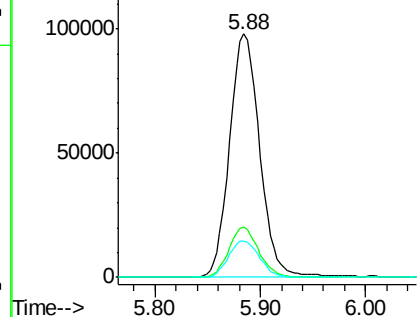
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	40.2
88	15.0	0.0	30.4



Abundance Ion 113.90 (113.60 to 114.60): V

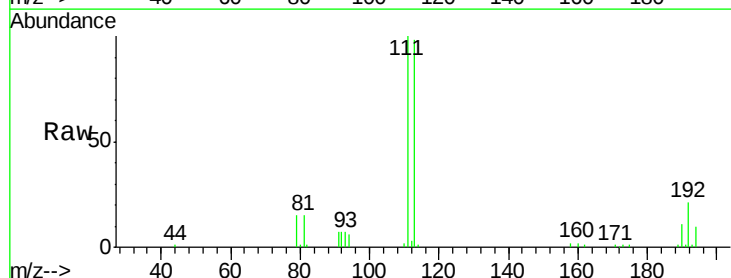
Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0



#35
 Dibromofluoromethane
 Concen: 52.239 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: VU029187.D
 Acq: 15 Jan 2019 15:56

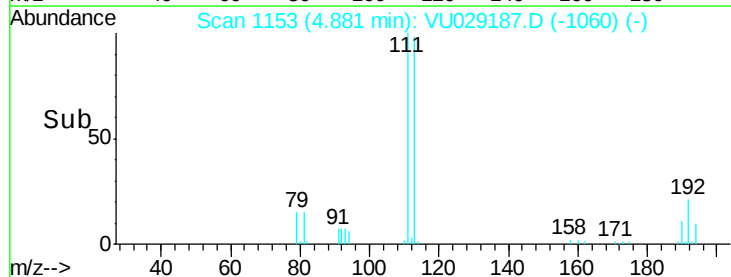
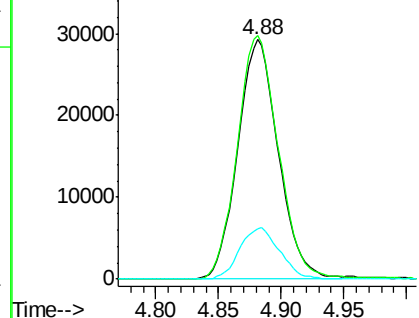
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.4	122.2
192	21.2	16.8	25.2

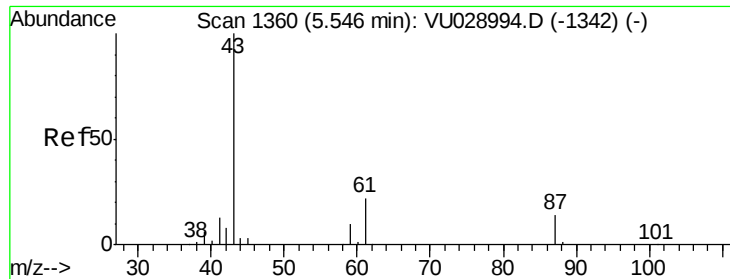


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.440 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.01 min

Lab File: VU029187.D

Acq: 15 Jan 2019 15:56

Instrument :

MSVOA_U

ClientSampleId :

PB116371ZHE#09

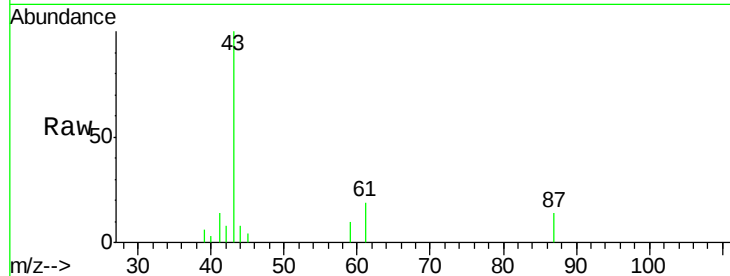
Tot Ion: 43 Resp: 7969

Ion Ratio Lower Upper

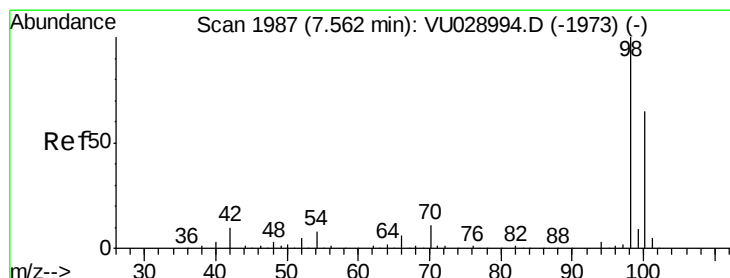
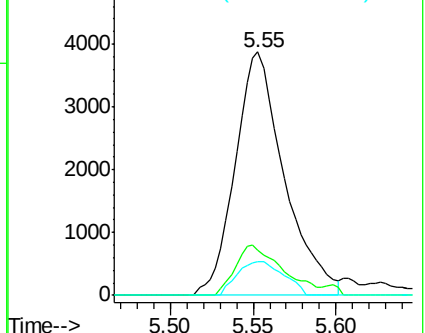
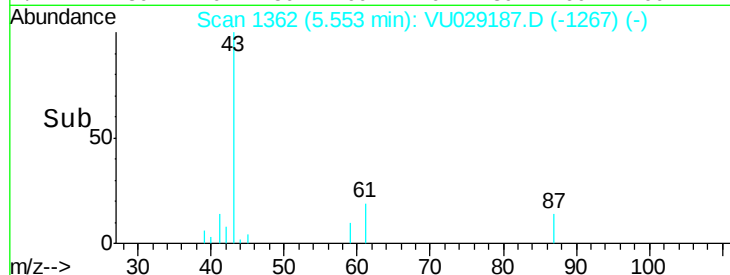
43 100

61 19.9 17.8 26.6

87 13.1 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VU029187.D (-1267) (-)



#50

Toluene-d8

Concen: 50.138 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VU029187.D

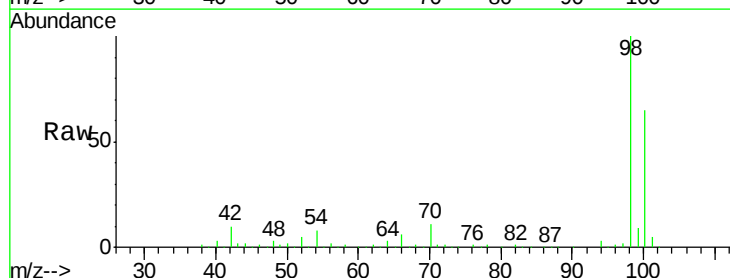
Acq: 15 Jan 2019 15:56

Tgt Ion: 98 Resp: 248974

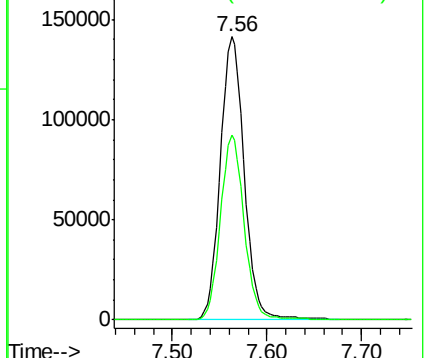
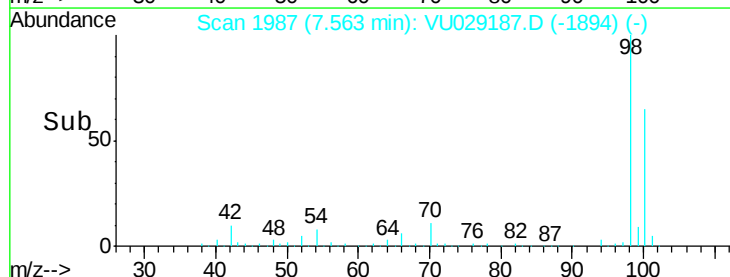
Ion Ratio Lower Upper

98 100

100 65.0 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VU029187.D (-1894) (-)





#62

4-Bromofluorobenzene

Concen: 44.101 ug/l

RT: 10.31 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VU029187.D

Acq: 15 Jan 2019 15:56

Instrument :

MSVOA_U

ClientSampleId :

PB116371ZHE#09

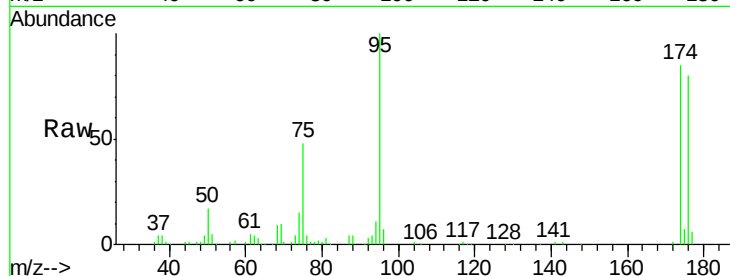
Tot Ion: 95 Resp: 78703

Ion Ratio Lower Upper

95 100

174 85.0 0.0 170.6

176 81.9 0.0 165.0

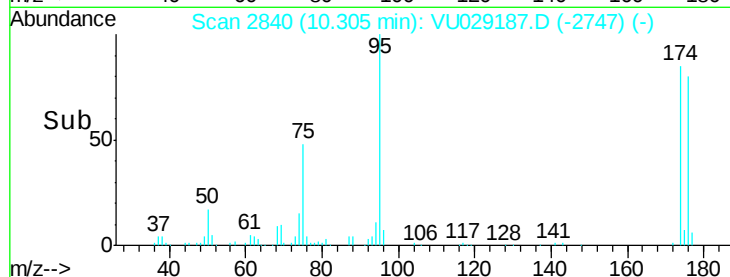


Abundance Ion 94.90 (94.60 to 95.60): VU028994.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU028994.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU028994.D (-2828) (-)

Time--> 10.20 10.30 10.40

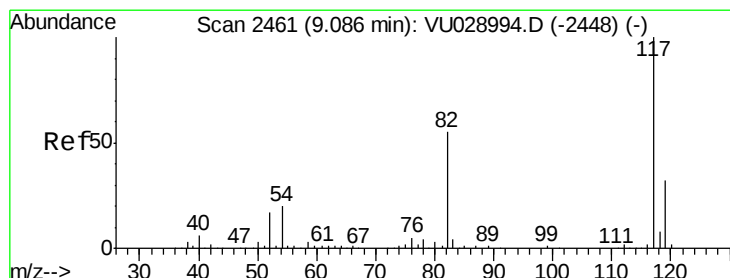


Abundance Ion 94.90 (94.60 to 95.60): VU029187.D (-2747) (-)

Ion 173.80 (173.50 to 174.50): VU029187.D (-2747) (-)

Ion 175.80 (175.50 to 176.50): VU029187.D (-2747) (-)

Time--> 10.20 10.30 10.40



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2461

Delta R.T. 0.00 min

Lab File: VU029187.D

Acq: 15 Jan 2019 15:56

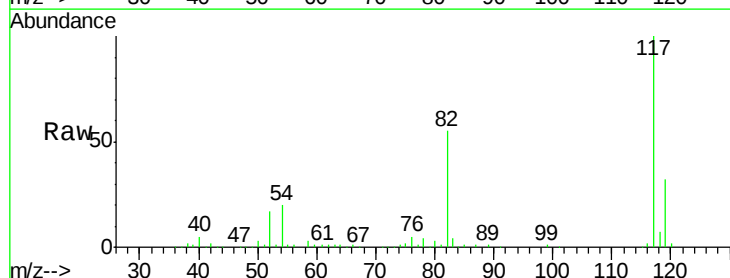
Tgt Ion: 117 Resp: 183370

Ion Ratio Lower Upper

117 100

82 55.4 43.9 65.9

119 31.9 26.0 39.0

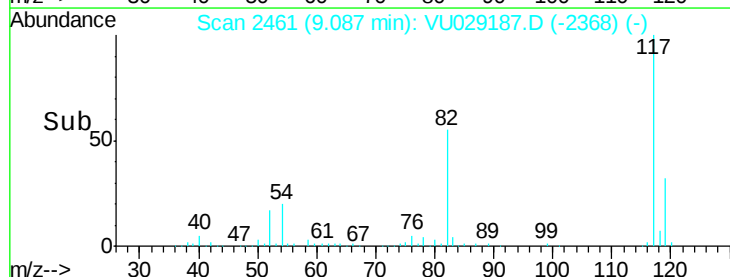


Abundance Ion 116.90 (116.60 to 117.60): VU028994.D (-2448) (-)

Ion 82.00 (81.70 to 82.70): VU028994.D (-2448) (-)

Ion 118.90 (118.60 to 119.60): VU028994.D (-2448) (-)

Time--> 9.00 9.05 9.10 9.15 9.20

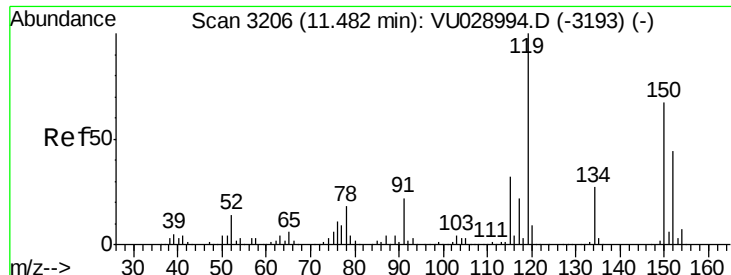


Abundance Ion 116.90 (116.60 to 117.60): VU029187.D (-2368) (-)

Ion 82.00 (81.70 to 82.70): VU029187.D (-2368) (-)

Ion 118.90 (118.60 to 119.60): VU029187.D (-2368) (-)

Time--> 9.00 9.05 9.10 9.15 9.20



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.48 min Scan# 3206
 Delta R.T. 0.00 min
 Lab File: VU029187.D
 Acq: 15 Jan 2019 15:56

Instrument :
 MSVOA_U
 ClientSampleId :
 PB116371ZHE#09

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.2	40.1	120.3
150	155.3	0.0	345.2

