

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011519\
 Data File : VU029178.D
 Acq On : 15 Jan 2019 12:17
 Operator : JC/SP
 Sample : PB116371TB
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB116371TB

Quant Time: Jan 16 05:53:01 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

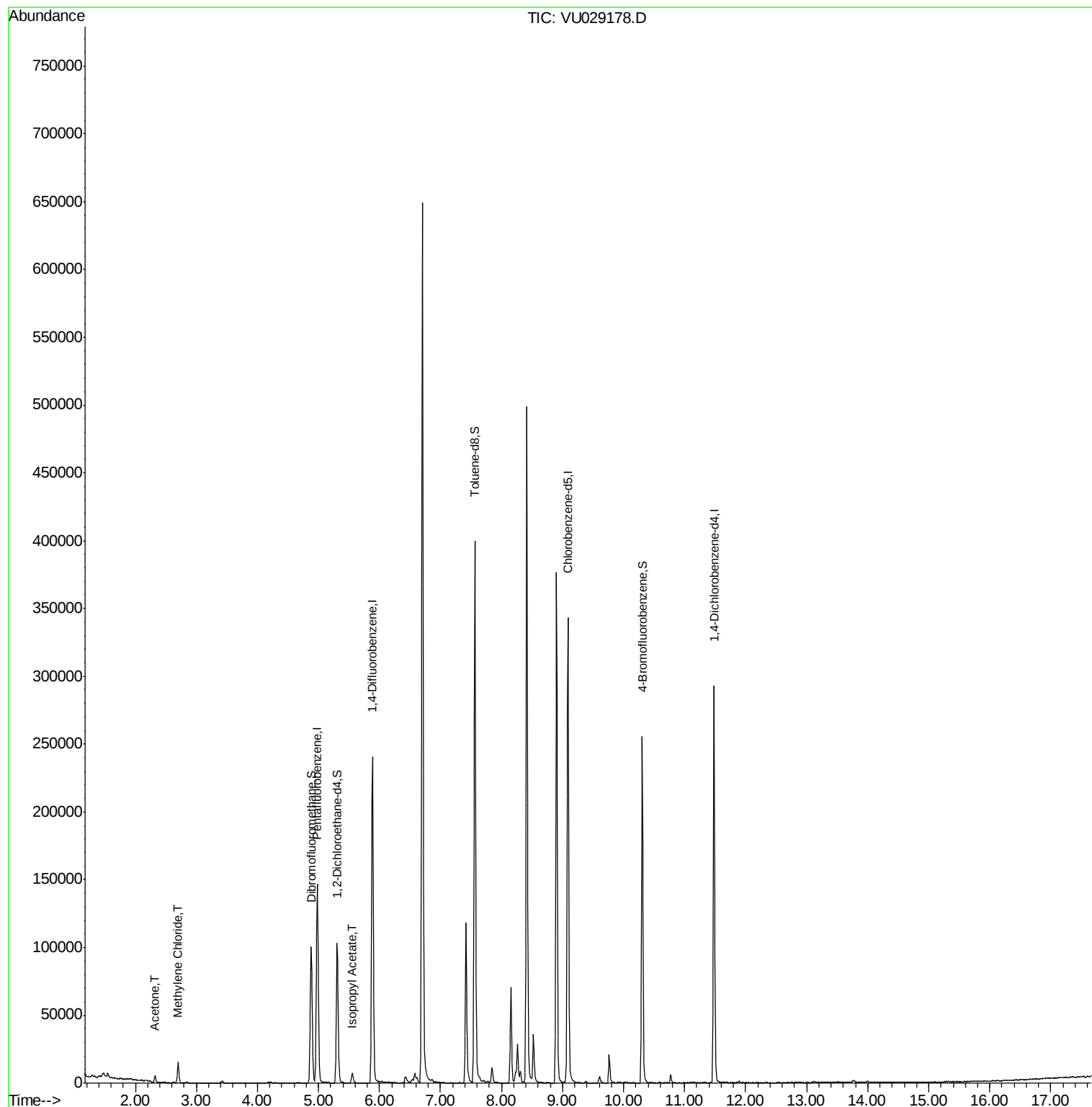
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	120221	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	211833	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	198876	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	80216	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	79552	53.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.06%	
35) Dibromofluoromethane	4.88	113	70334	51.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.44%	
50) Toluene-d8	7.56	98	276504	51.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.02%	
62) 4-Bromofluorobenzene	10.30	95	87511	44.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.84%	
Target Compounds						
16) Acetone	2.32	43	5710	6.099	ug/l	92
20) Methylene Chloride	2.70	84	7288	4.585	ug/l	93
43) Isopropyl Acetate	5.55	43	8847	2.481	ug/l	93

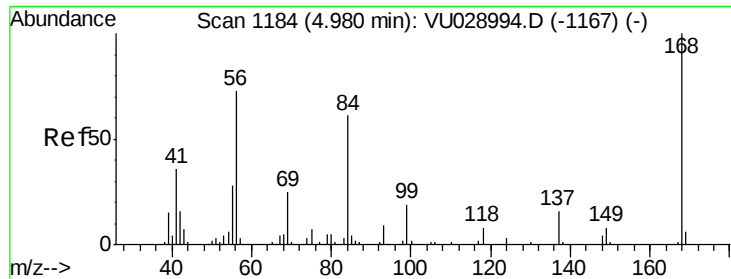
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VU029178.D

Acq: 15 Jan 2019 12:17

Instrument :

MSVOA_U

ClientSampleId :

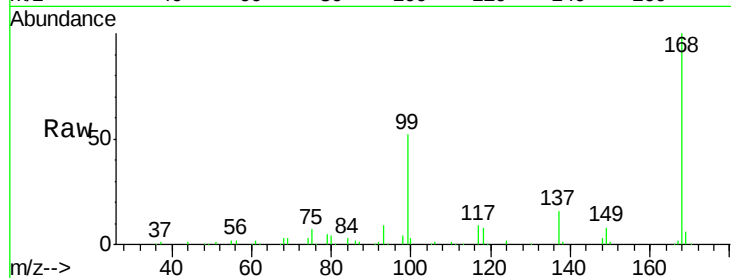
PB116371TB

Tot Ion:168 Resp: 120221

Ion Ratio Lower Upper

168 100

99 51.8 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

60000

50000

40000

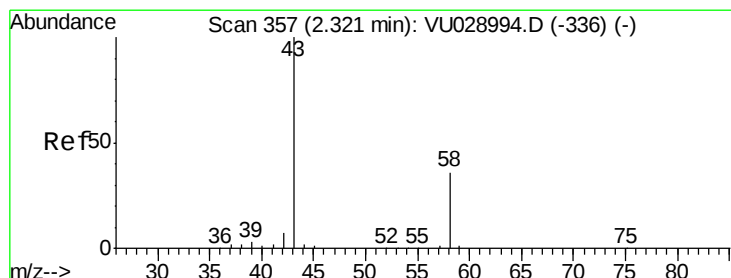
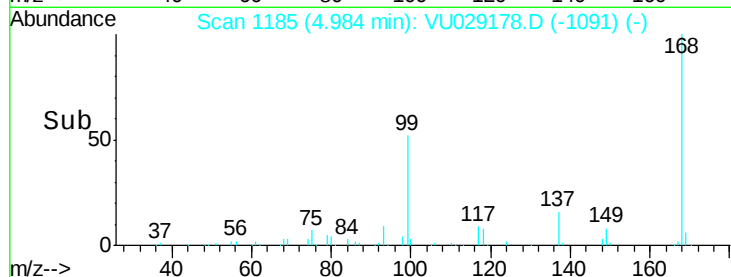
30000

20000

10000

0

Time-->



#16

Acetone

Concen: 6.099 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU029178.D

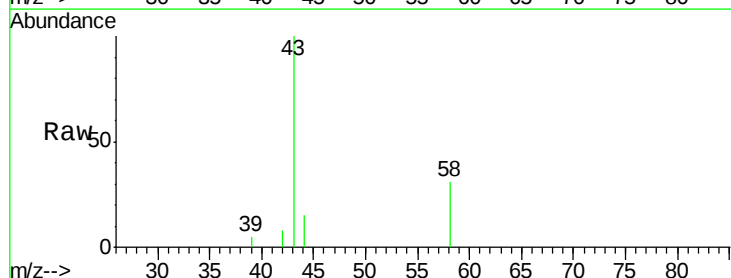
Acq: 15 Jan 2019 12:17

Tgt Ion: 43 Resp: 5710

Ion Ratio Lower Upper

43 100

58 31.1 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

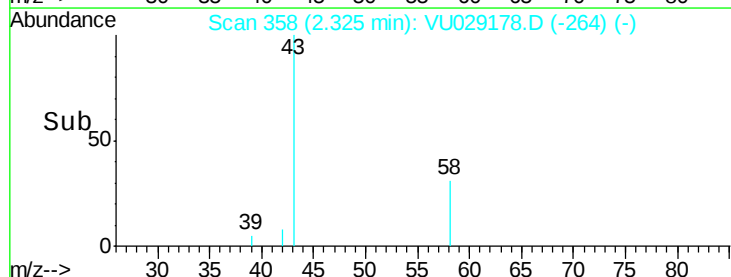
3000

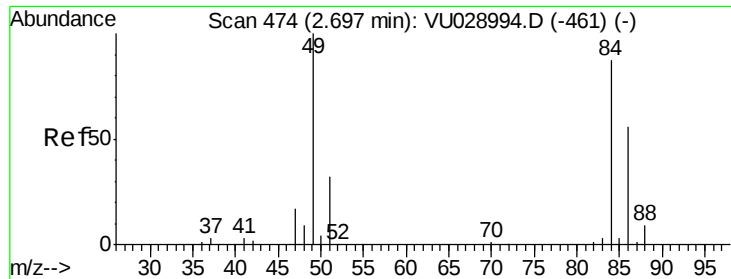
2000

1000

0

Time-->

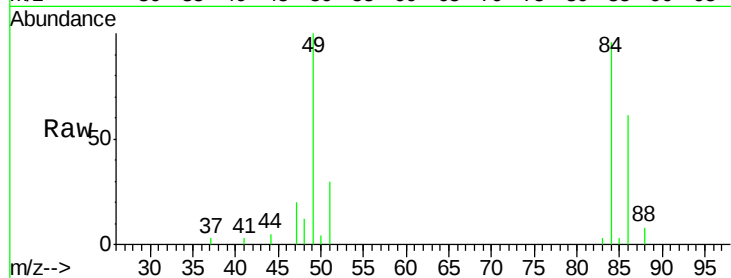




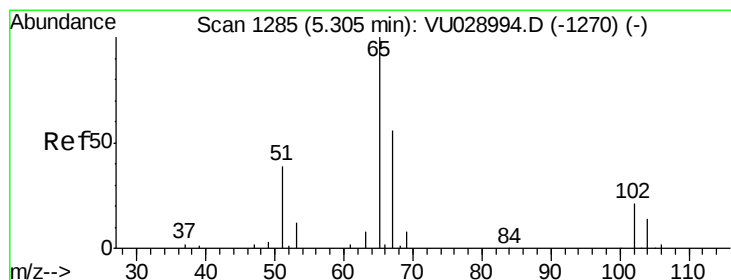
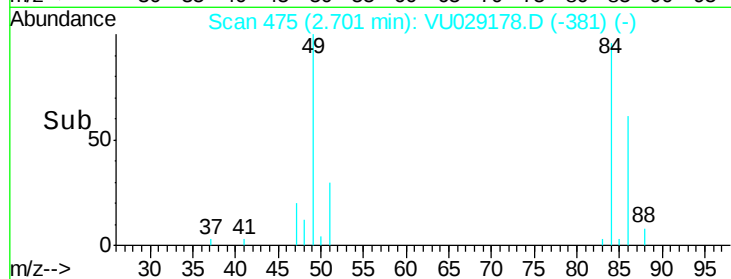
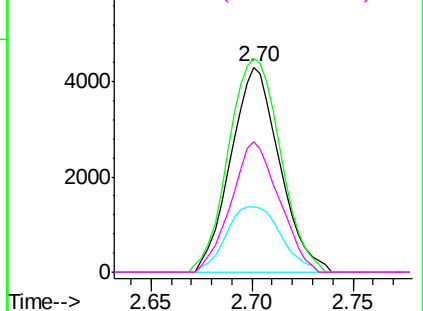
#20
Methvlene Chloride
Concen: 4.585 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU029178.D
Acq: 15 Jan 2019 12:17

Instrument :
MSVOA_U
ClientSampleId :
PB116371TB

Tot Ion:	84	Resp:	7288
Ion	Ratio	Lower	Upper
84	100		
49	104.1	91.9	137.9
51	31.6	29.2	43.8
86	63.6	51.8	77.6

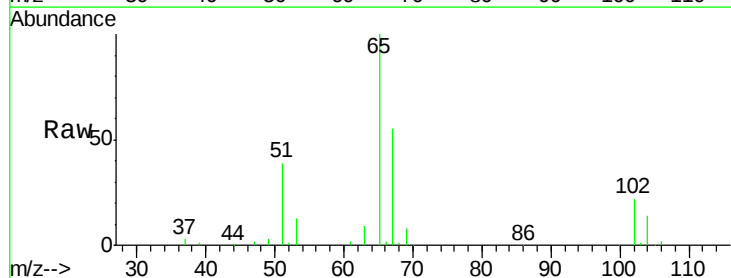


Abundance Ion 83.90 (83.60 to 84.60): VU0
Ion 48.90 (48.60 to 49.60): VU0
Ion 50.90 (50.60 to 51.60): VU0
Ion 85.90 (85.60 to 86.60): VU0

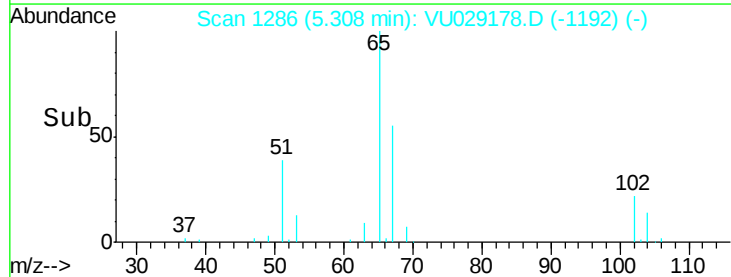
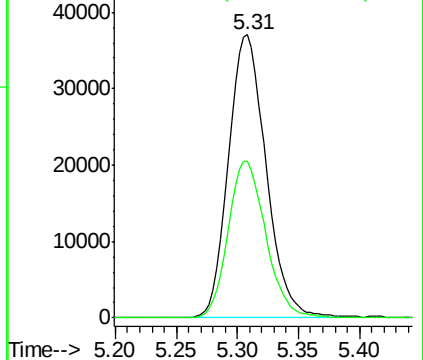


#33
1,2-Dichloroethane-d4
Concen: 53.528 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. 0.00 min
Lab File: VU029178.D
Acq: 15 Jan 2019 12:17

Tgt Ion:	65	Resp:	79552
Ion	Ratio	Lower	Upper
65	100		
67	55.4	0.0	111.0



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

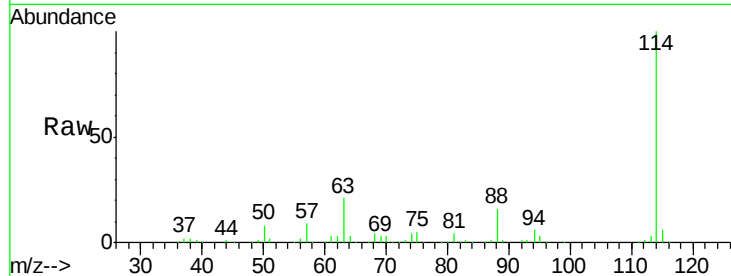




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: VU029178.D
 Acq: 15 Jan 2019 12:17

Instrument :
 MSVOA_U
 ClientSampleId :
 PB116371TB

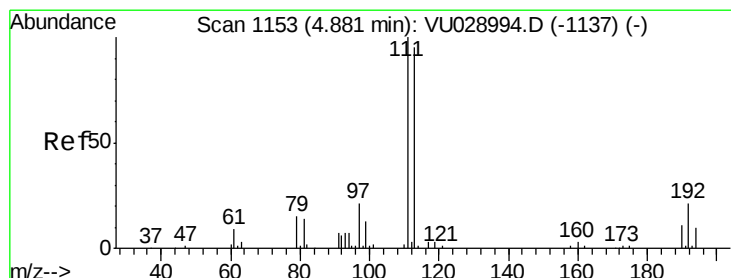
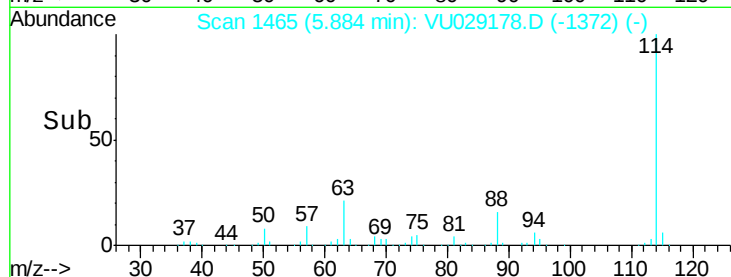
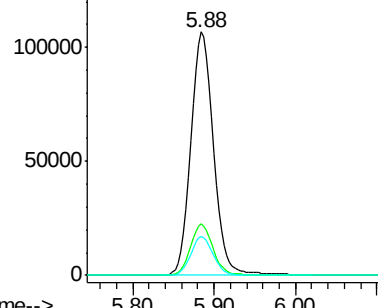
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	40.2
88	15.8	0.0	30.4



Abundance Ion 113.90 (113.60 to 114.60): V

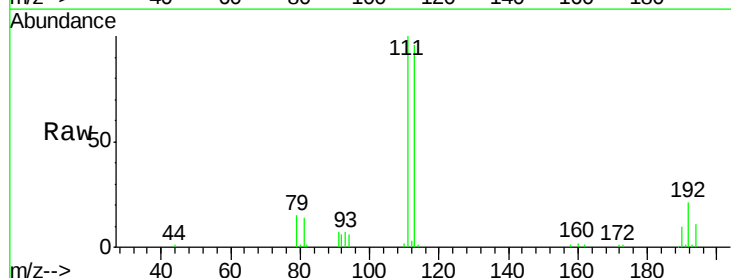
Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0



#35
 Dibromofluoromethane
 Concen: 51.220 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: VU029178.D
 Acq: 15 Jan 2019 12:17

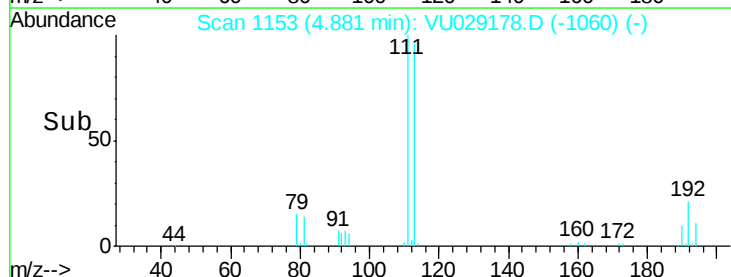
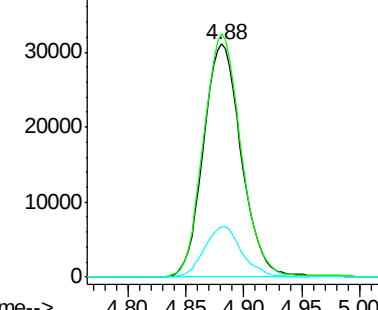
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.4	122.2
192	21.6	16.8	25.2

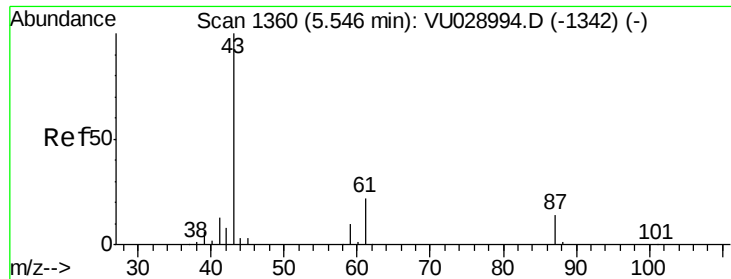


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.481 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.01 min

Lab File: VU029178.D

Acq: 15 Jan 2019 12:17

Instrument :

MSVOA_U

ClientSampleId :

PB116371TB

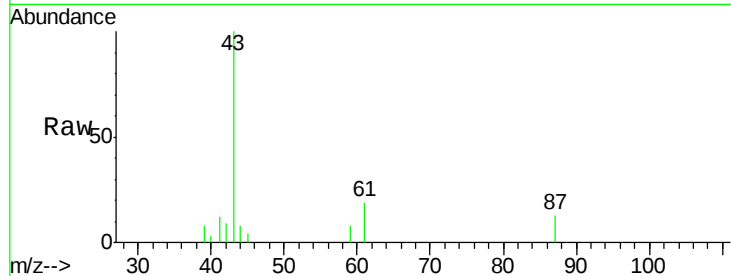
Tot Ion: 43 Resp: 8847

Ion Ratio Lower Upper

43 100

61 18.2 17.8 26.6

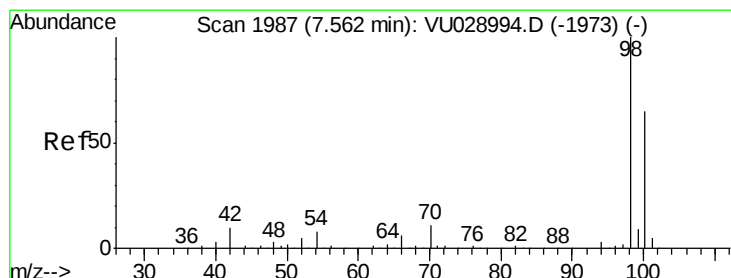
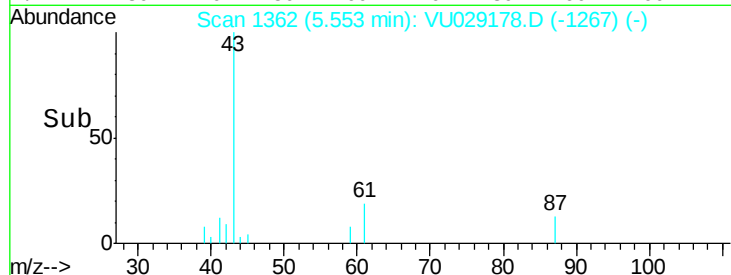
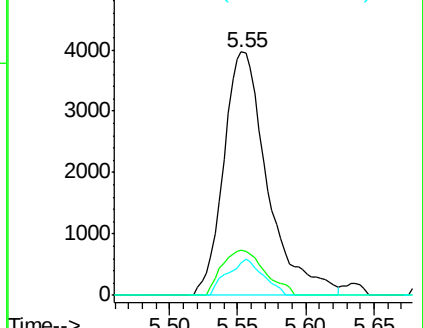
87 12.0 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VU029178.D (-1267) (-)

Ion 61.00 (60.70 to 61.70): VU029178.D (-1267) (-)

Ion 87.00 (86.70 to 87.70): VU029178.D (-1267) (-)



#50

Toluene-d8

Concen: 51.005 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VU029178.D

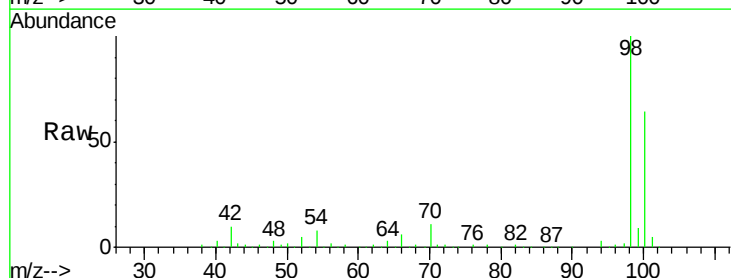
Acq: 15 Jan 2019 12:17

Tgt Ion: 98 Resp: 276504

Ion Ratio Lower Upper

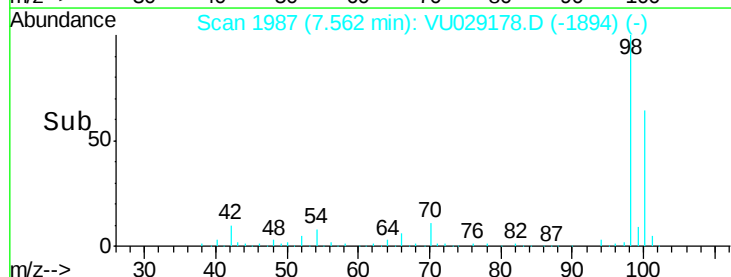
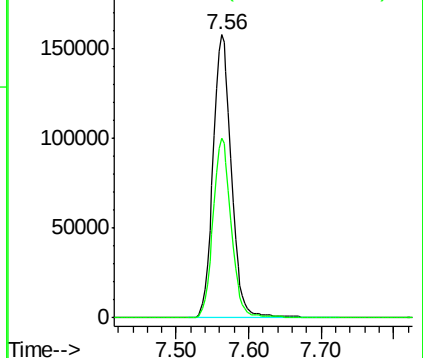
98 100

100 62.9 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VU029178.D (-1894) (-)

Ion 100.00 (99.70 to 100.70): VU029178.D (-1894) (-)

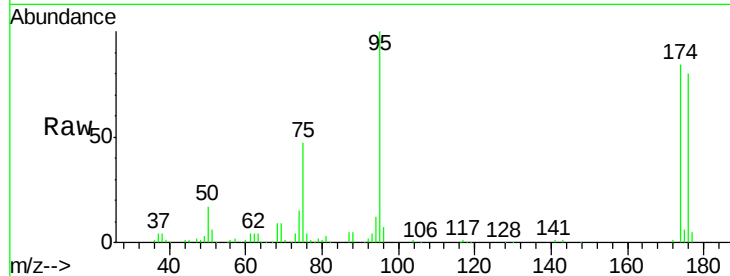




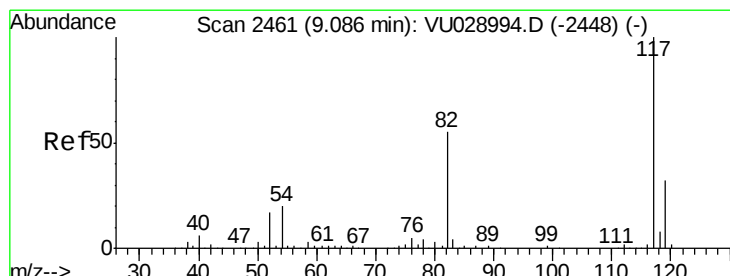
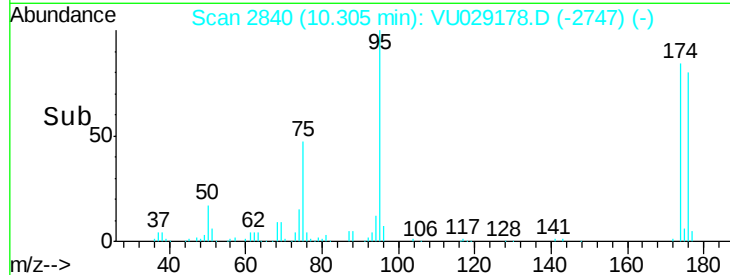
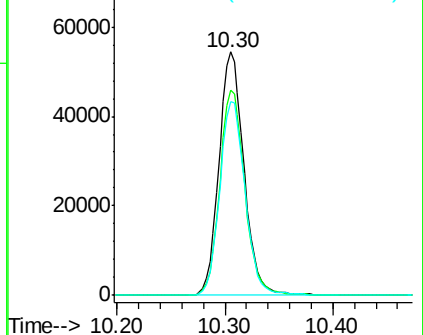
#62
 4-Bromofluorobenzene
 Concen: 44.918 ug/l
 RT: 10.30 min Scan# 2840
 Delta R.T. 0.00 min
 Lab File: VU029178.D
 Acq: 15 Jan 2019 12:17

Instrument :
 MSVOA_U
 ClientSampleId :
 PB116371TB

Tot Ion: 95 Resp: 87511
 Ion Ratio Lower Upper
 95 100
 174 84.6 0.0 170.6
 176 81.0 0.0 165.0

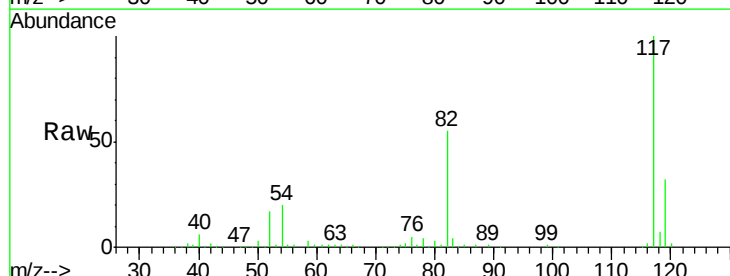


Abundance Ion 94.90 (94.60 to 95.60): VU028994.D (-2828) (-)
 Ion 173.80 (173.50 to 174.50): VU028994.D (-2828) (-)
 Ion 175.80 (175.50 to 176.50): VU028994.D (-2828) (-)

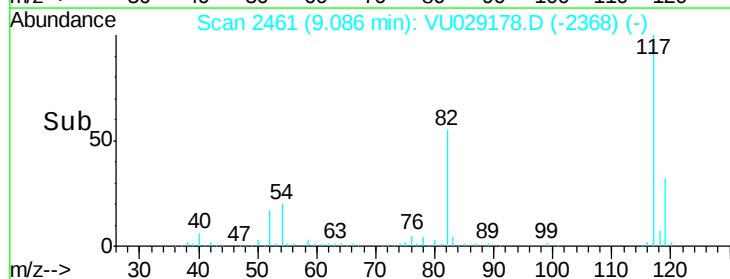
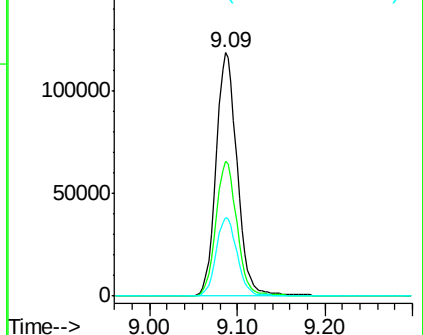


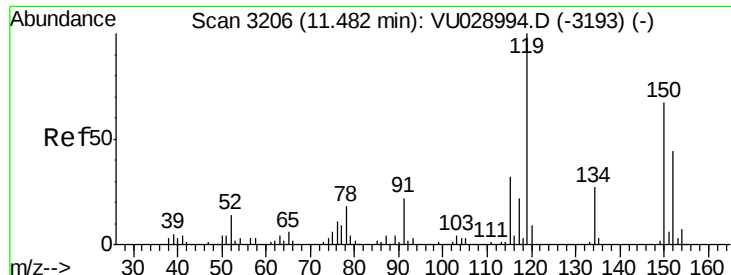
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.09 min Scan# 2461
 Delta R.T. 0.00 min
 Lab File: VU029178.D
 Acq: 15 Jan 2019 12:17

Tgt Ion: 117 Resp: 198876
 Ion Ratio Lower Upper
 117 100
 82 55.4 43.9 65.9
 119 32.4 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) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. 0.00 min

Lab File: VU029178.D

Acq: 15 Jan 2019 12:17

Instrument :

MSVOA_U

ClientSampleId :

PB116371TB

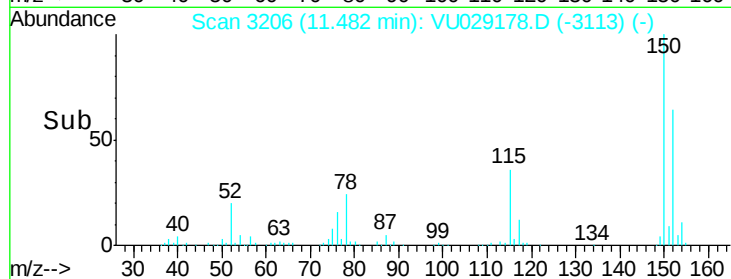
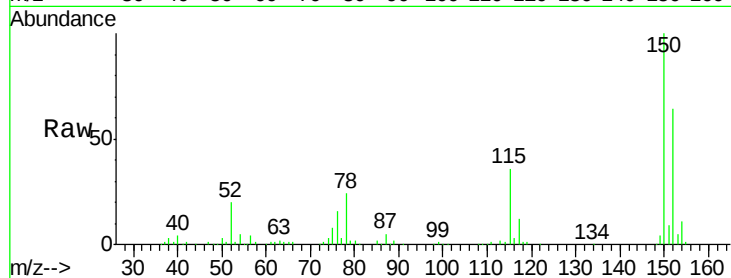
Tot Ion:152 Resp: 80216

Ion Ratio Lower Upper

152 100

115 57.2 40.1 120.3

150 157.1 0.0 345.2



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

