

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU010919\
 Data File : VU029100.D
 Acq On : 09 Jan 2019 19:27
 Operator : MD/SY
 Sample : PB116248ZHE#15
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB116248ZHE#15

Quant Time: Jan 10 05:47:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 04 02:22:53 2019
 Response via : Initial Calibration

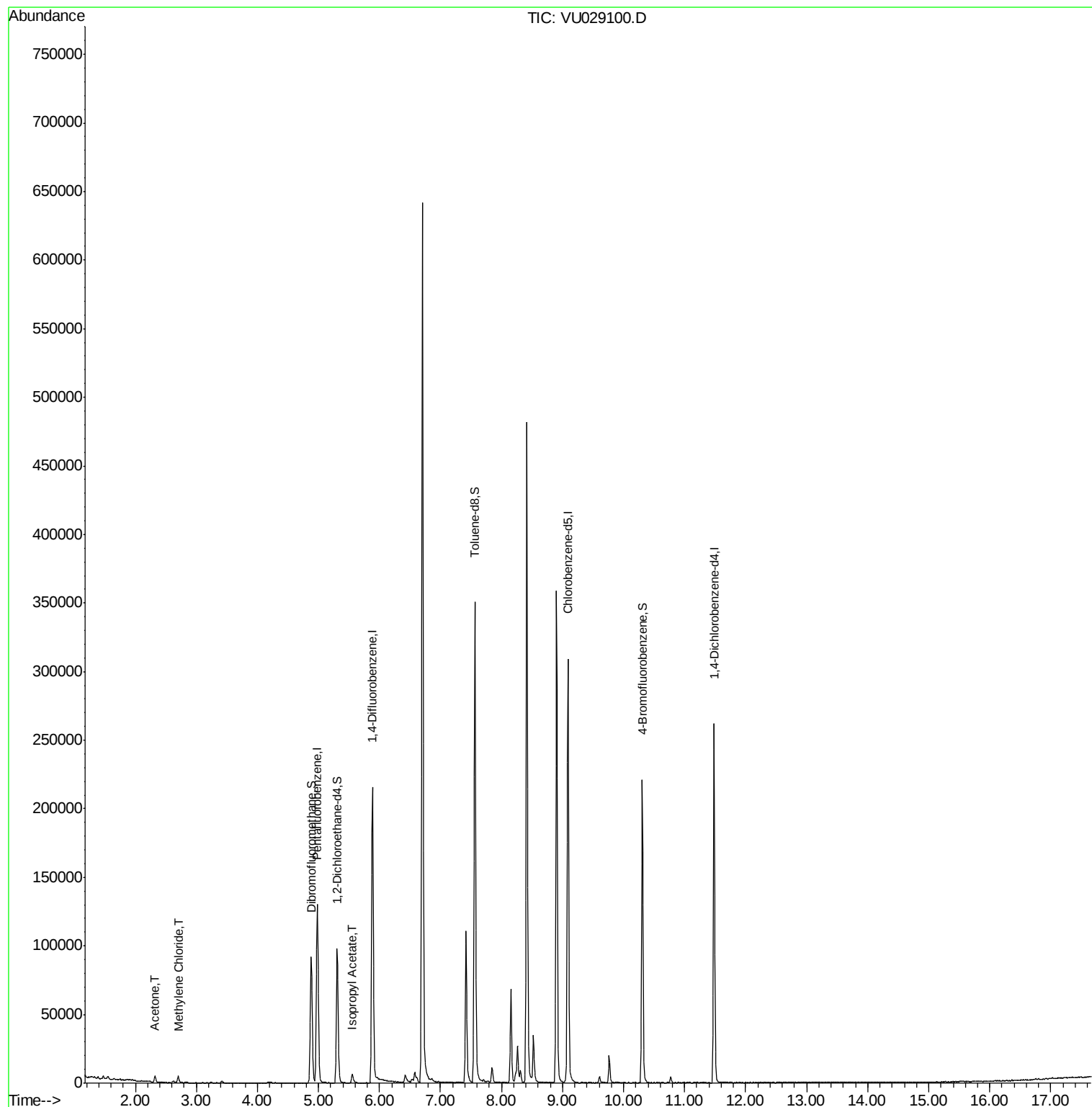
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	107136	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	186570	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	178347	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	70588	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	75263	56.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.66%	
35) Dibromofluoromethane	4.88	113	64279	53.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.30%	
50) Toluene-d8	7.56	98	243553	51.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.02%	
62) 4-Bromofluorobenzene	10.31	95	76206	44.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.82%	
Target Compounds						
16) Acetone	2.32	43	5618	6.734	ug/l	97
20) Methylene Chloride	2.70	84	2226	1.571	ug/l	95
43) Isopropyl Acetate	5.55	43	8066	2.569	ug/l	97

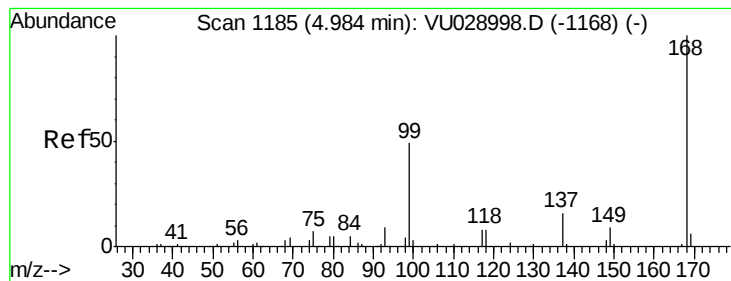
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VU029100.D

Acq: 09 Jan 2019 19:27

Instrument :

MSVOA_U

ClientSampleId :

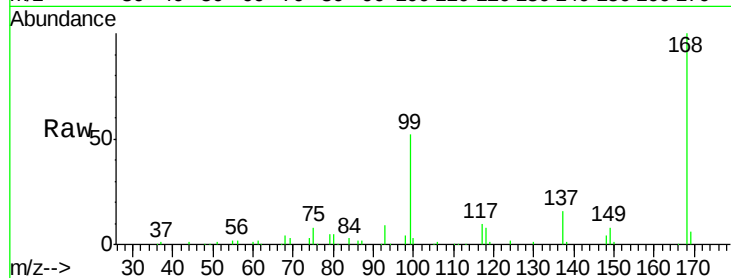
PB116248ZHE#15

Tot Ion:168 Resp: 107136

Ion Ratio Lower Upper

168 100

99 52.0 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VU028998.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU028998.D (-1168) (-)

4.98

50000

40000

30000

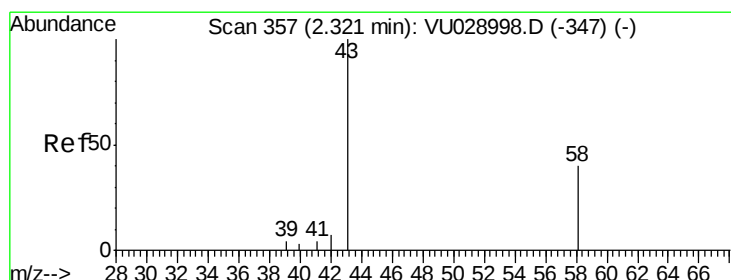
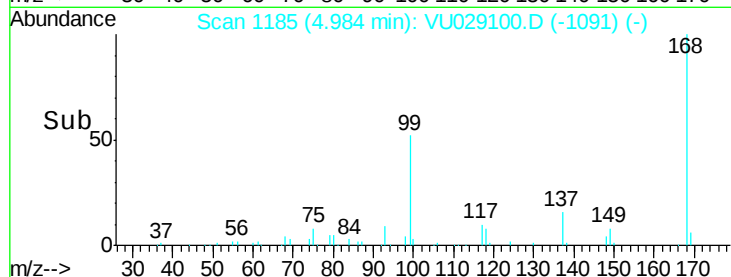
20000

10000

0

4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 6.734 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU029100.D

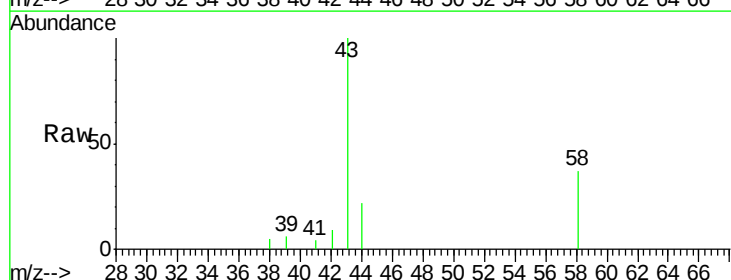
Acq: 09 Jan 2019 19:27

Tgt Ion: 43 Resp: 5618

Ion Ratio Lower Upper

43 100

58 37.4 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VU028998.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VU028998.D (-347) (-)

2.32

3000

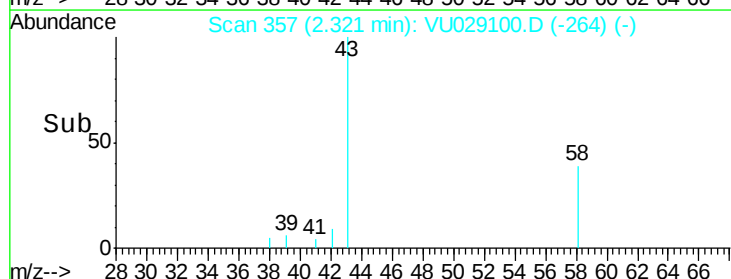
2000

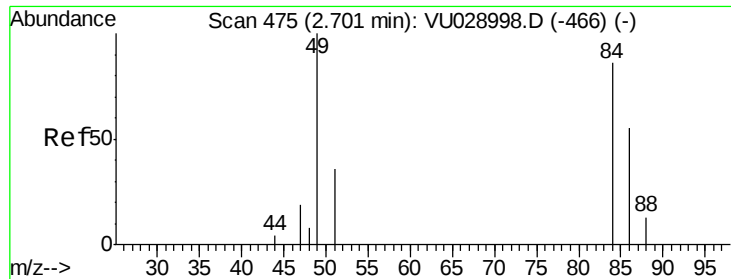
1000

0

2.25 2.30 2.35

Time-->

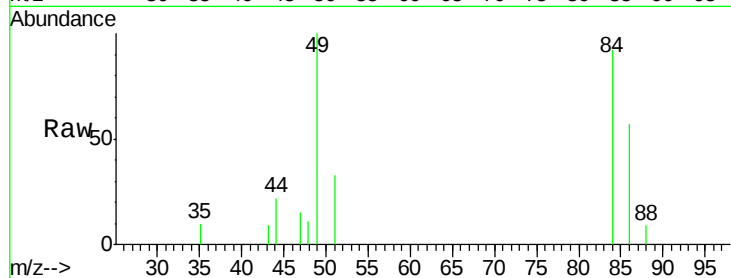




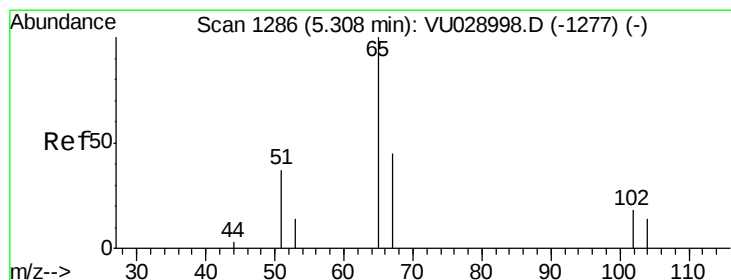
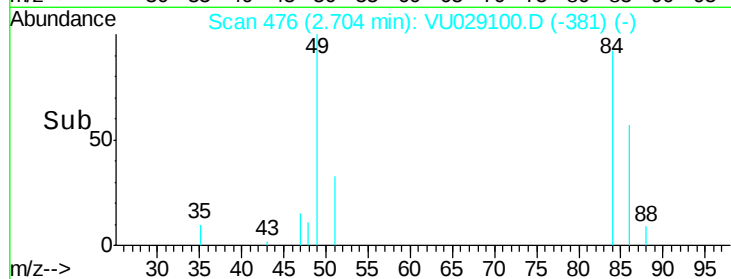
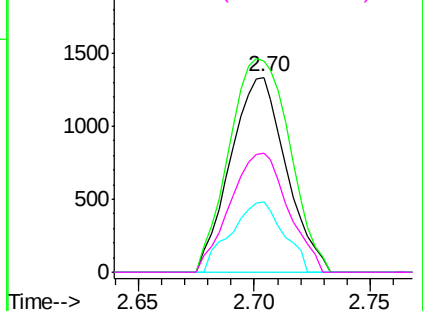
#20
Methvlene Chloride
Concen: 1.571 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.01 min
Lab File: VU029100.D
Acq: 09 Jan 2019 19:27

Instrument :
MSVOA_U
ClientSampleId :
PB116248ZHE#15

Tot Ion:	84	Resp:	2226
Ion	Ratio	Lower	Upper
84	100		
49	108.4	91.9	137.9
51	36.0	29.2	43.8
86	61.3	51.8	77.6

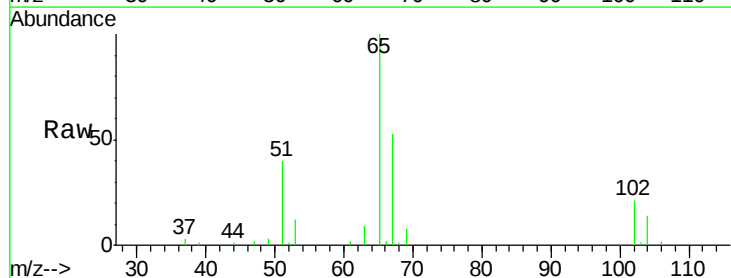


Abundance Ion 83.90 (83.60 to 84.60): VU0
Ion 48.90 (48.60 to 49.60): VU0
Ion 50.90 (50.60 to 51.60): VU0
Ion 85.90 (85.60 to 86.60): VU0

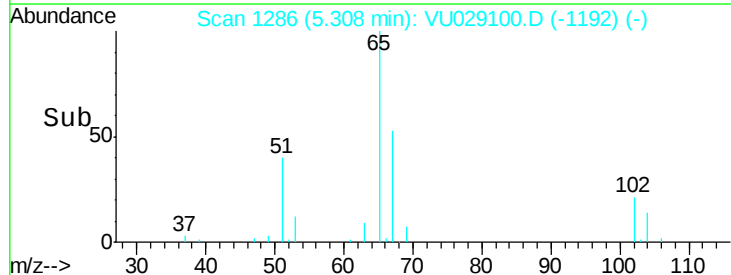
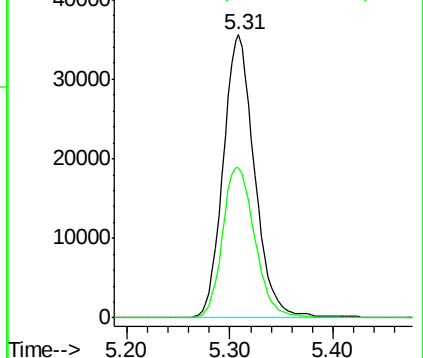


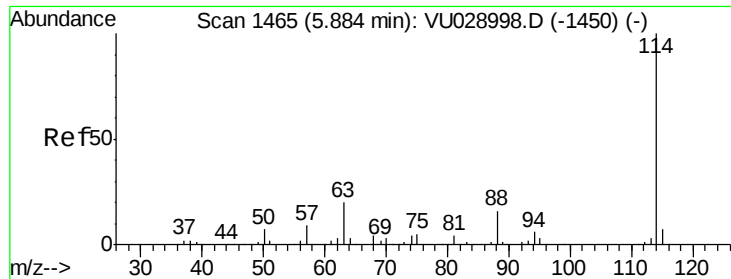
#33
1,2-Dichloroethane-d4
Concen: 56.828 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. 0.00 min
Lab File: VU029100.D
Acq: 09 Jan 2019 19:27

Tgt Ion:	65	Resp:	75263
Ion	Ratio	Lower	Upper
65	100		
67	54.7	0.0	111.0



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

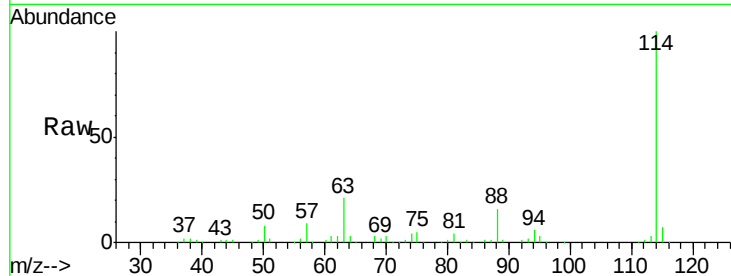




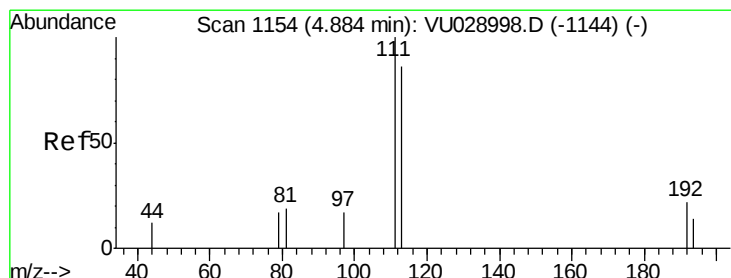
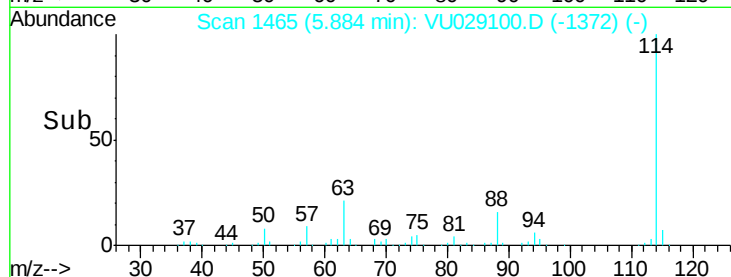
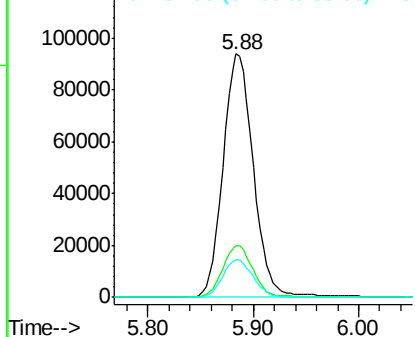
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.88 min Scan# 1465
Delta R.T. 0.00 min
Lab File: VU029100.D
Acq: 09 Jan 2019 19:27

Instrument :
MSVOA_U
ClientSampleId :
PB116248ZHE#15

Tot Ion:114 Resp: 186570
Ion Ratio Lower Upper
114 100
63 21.5 0.0 40.2
88 15.7 0.0 30.4

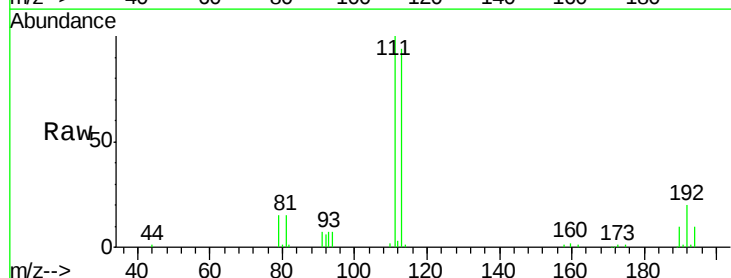


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VU028998.D (-1450) (-)
Ion 87.90 (87.60 to 88.60): VU028998.D (-1450) (-)

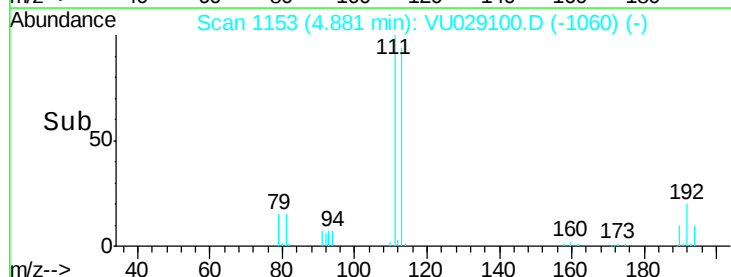
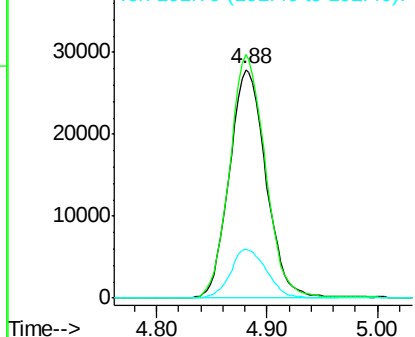


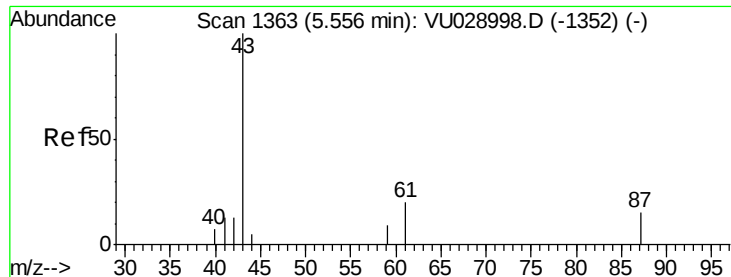
#35
Dibromofluoromethane
Concen: 53.149 ug/l
RT: 4.88 min Scan# 1153
Delta R.T. 0.00 min
Lab File: VU029100.D
Acq: 09 Jan 2019 19:27

Tgt Ion:113 Resp: 64279
Ion Ratio Lower Upper
113 100
111 104.2 81.4 122.2
192 20.9 16.8 25.2



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): VU028998.D (-1144) (-)
Ion 191.70 (191.40 to 192.40): VU028998.D (-1144) (-)





#43

Isopropyl Acetate

Concen: 2.569 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.01 min

Lab File: VU029100.D

Acq: 09 Jan 2019 19:27

Instrument :

MSVOA_U

ClientSampleId :

PB116248ZHE#15

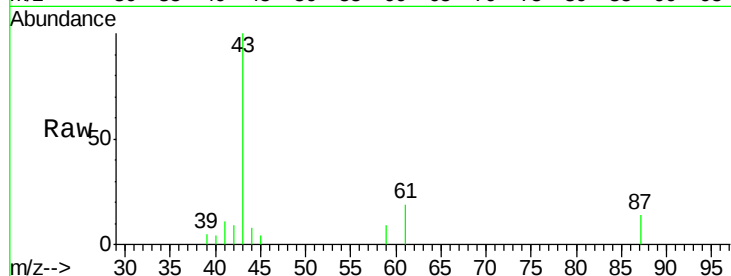
Tot Ion: 43 Resp: 8066

Ion Ratio Lower Upper

43 100

61 20.4 17.8 26.6

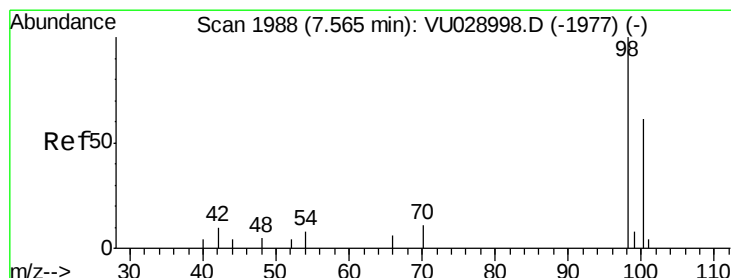
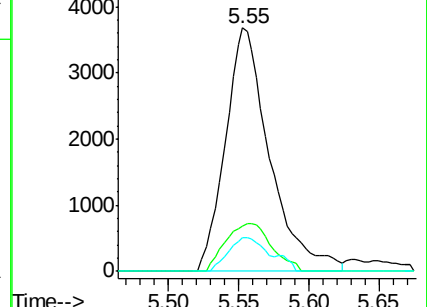
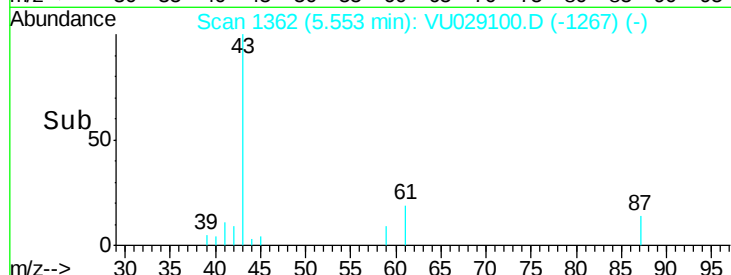
87 13.2 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VU029100.D (-1267) (-)

Ion 61.00 (60.70 to 61.70): VU029100.D (-1267) (-)

Ion 87.00 (86.70 to 87.70): VU029100.D (-1267) (-)



#50

Toluene-d8

Concen: 51.011 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VU029100.D

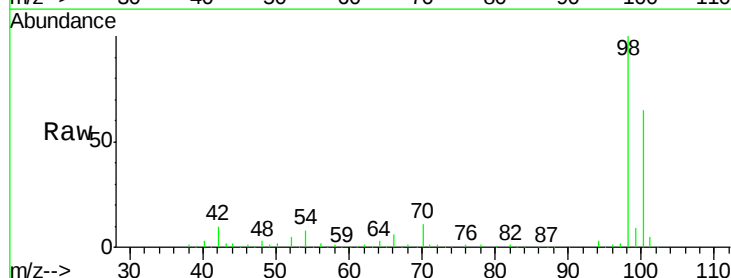
Acq: 09 Jan 2019 19:27

Tgt Ion: 98 Resp: 243553

Ion Ratio Lower Upper

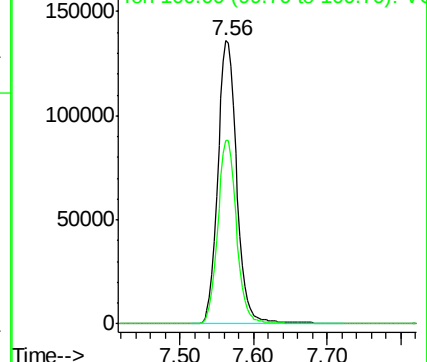
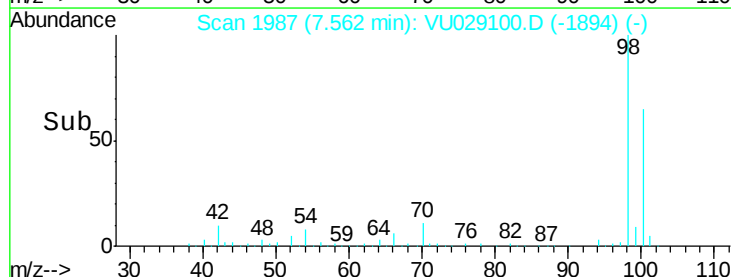
98 100

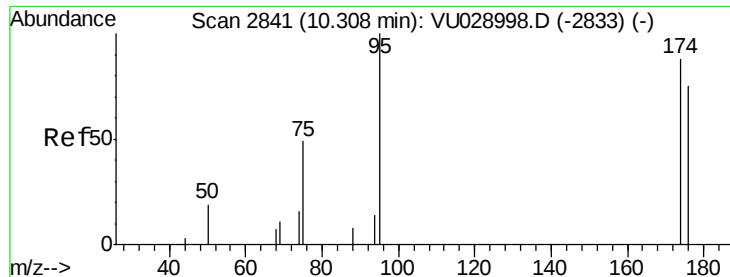
100 63.8 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VU029100.D (-1894) (-)

Ion 100.00 (99.70 to 100.70): VU029100.D (-1894) (-)

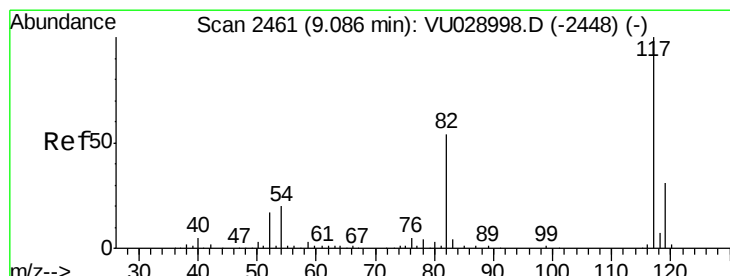
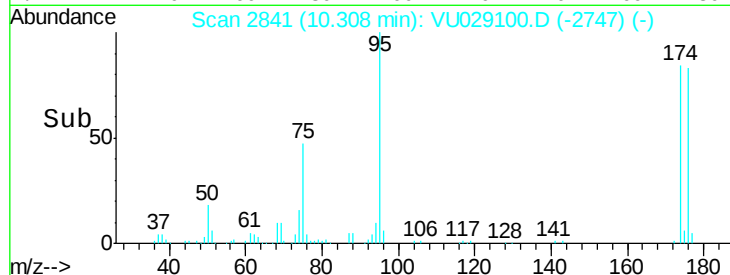
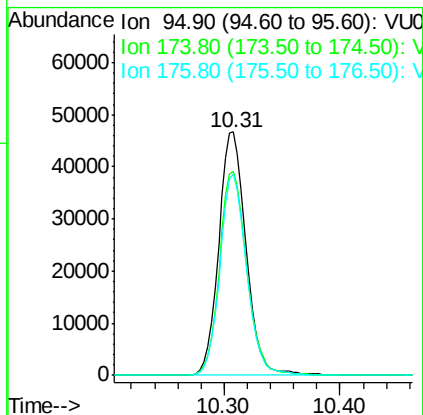
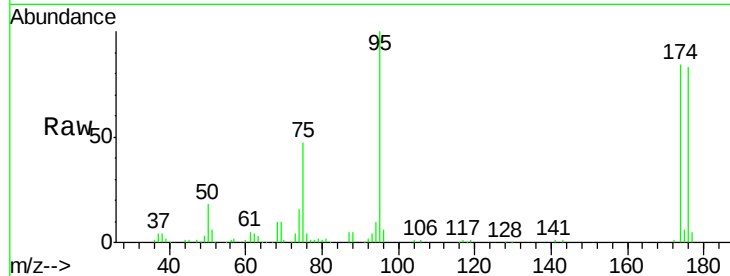




#62
4-Bromofluorobenzene
Concen: 44.412 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU029100.D
Acq: 09 Jan 2019 19:27

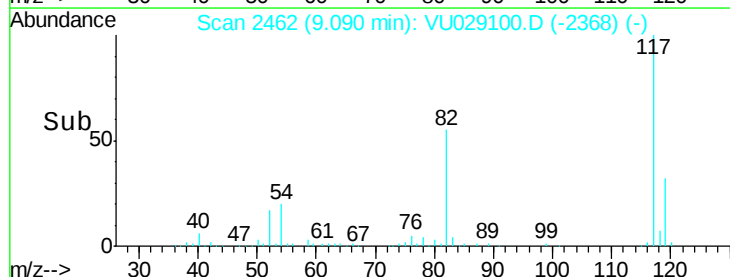
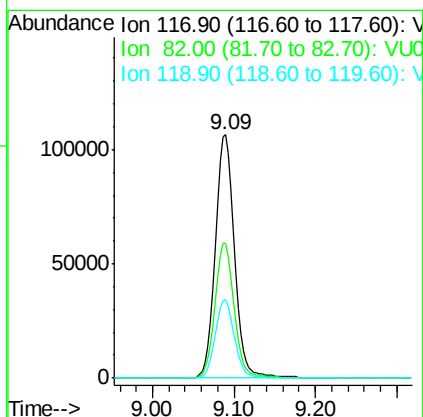
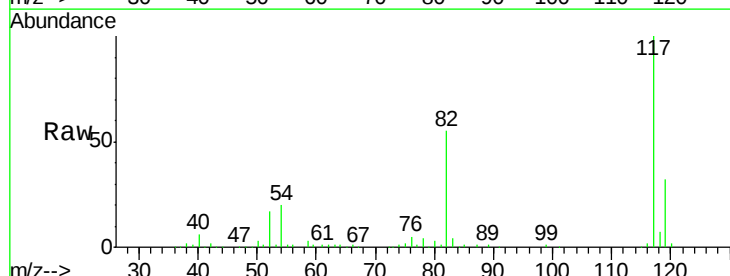
Instrument :
MSVOA_U
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PB116248ZHE#15

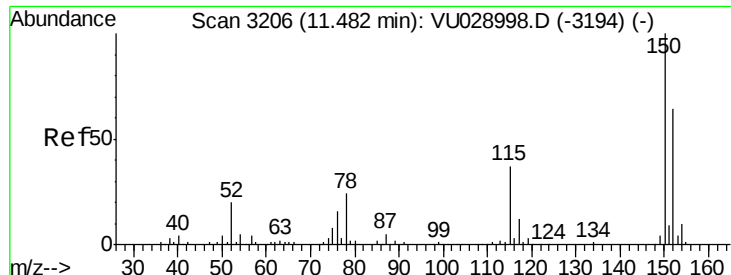
Tot Ion: 95 Resp: 76206
Ion Ratio Lower Upper
95 100
174 84.1 0.0 170.6
176 80.8 0.0 165.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU029100.D
Acq: 09 Jan 2019 19:27

Tgt Ion: 117 Resp: 178347
Ion Ratio Lower Upper
117 100
82 55.2 43.9 65.9
119 32.2 26.0 39.0

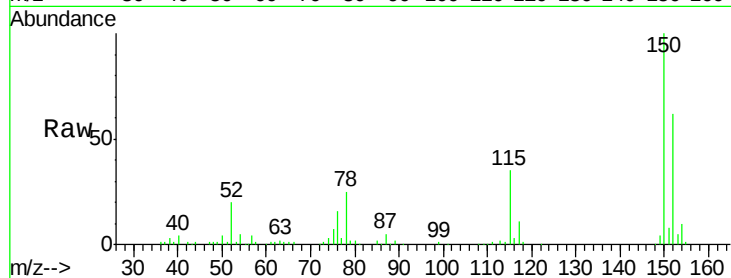




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.48 min Scan# 3206
 Delta R.T. 0.00 min
 Lab File: VU029100.D
 Acq: 09 Jan 2019 19:27

Instrument :
 MSVOA_U
 ClientSampleId :
 PB116248ZHE#15

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.2	40.1	120.3
150	158.0	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

