

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU010919\
 Data File : VU029092.D
 Acq On : 09 Jan 2019 16:13
 Operator : MD/SY
 Sample : PB116248ZHE#07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB116248ZHE#07

Quant Time: Jan 10 05:34:25 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

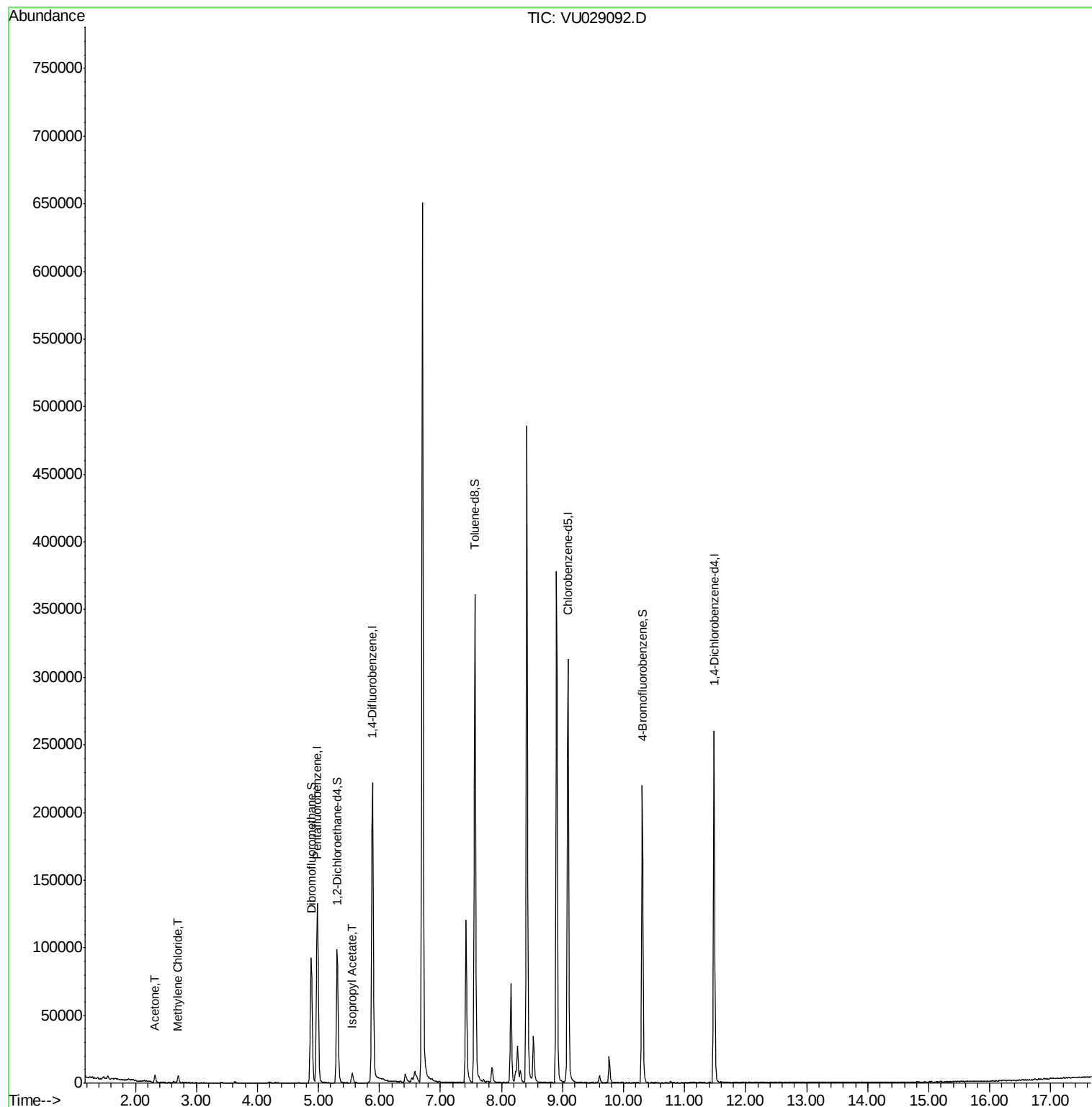
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	107869	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	190710	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	180931	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	69711	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	74849	56.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.26%	
35) Dibromofluoromethane	4.88	113	64954	52.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.08%	
50) Toluene-d8	7.57	98	247594	50.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.46%	
62) 4-Bromofluorobenzene	10.30	95	76193	43.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.88%	
Target Compounds						
16) Acetone	2.32	43	5618	6.688	ug/l	93
20) Methylene Chloride	2.70	84	2342	1.642	ug/l	89
43) Isopropyl Acetate	5.55	43	9011	2.807	ug/l	94

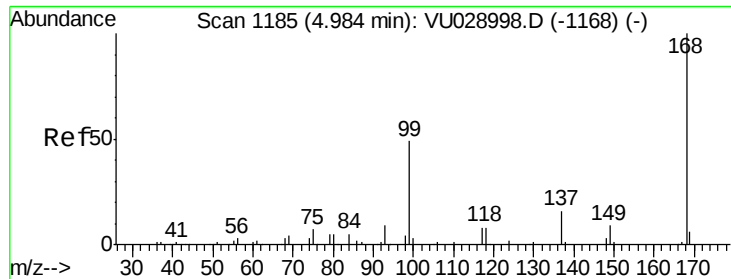
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU029092.D

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Instrument :

MSVOA_U

ClientSampleId :

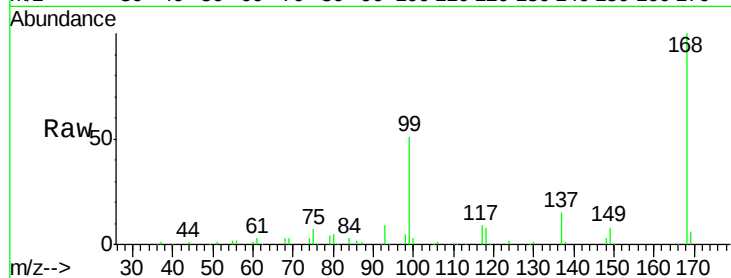
PB116248ZHE#07

Tot Ion:168 Resp: 107869

Ion Ratio Lower Upper

168 100

99 51.3 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

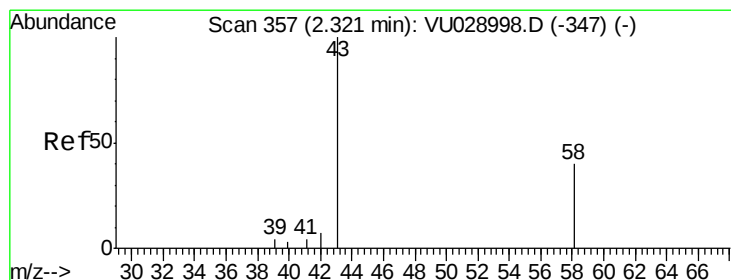
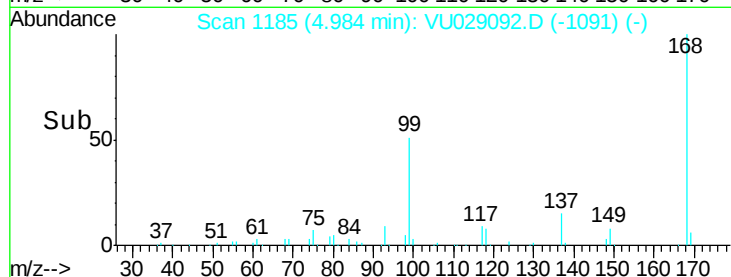
20000

10000

0

4.90 4.95 5.00 5.05

Time-->



#16

Acetone

Concen: 6.688 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU029092.D

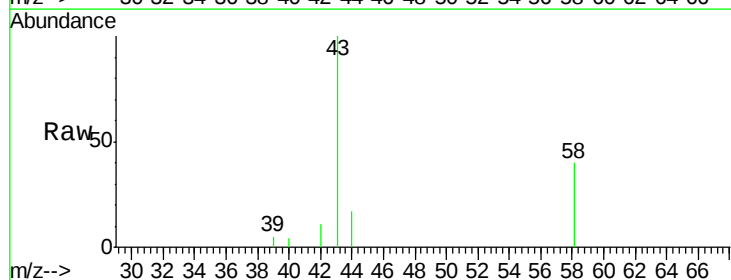
Acq: 09 Jan 2019 16:13

Tgt Ion: 43 Resp: 5618

Ion Ratio Lower Upper

43 100

58 39.5 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

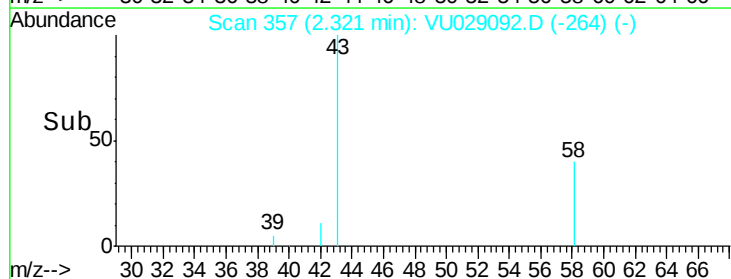
2000

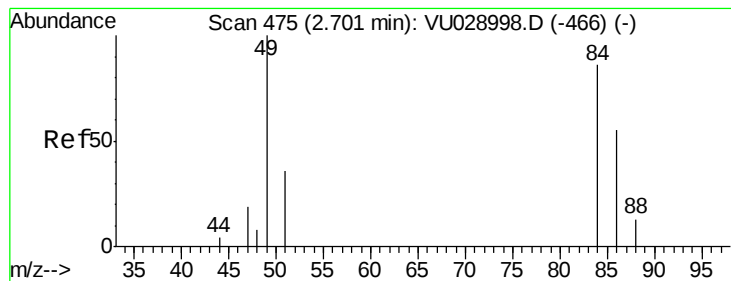
1000

0

2.25 2.30 2.35 2.40

Time-->





#20

Methylene Chloride

Concen: 1.642 ug/l

RT: 2.70 min Scan# 476

Delta R.T. 0.01 min

Lab File: VU029092.D

Acq: 09 Jan 2019 16:13

Instrument :

MSVOA_U

ClientSampleId :

PB116248ZHE#07

Tot Ion: 84 Resp: 2342

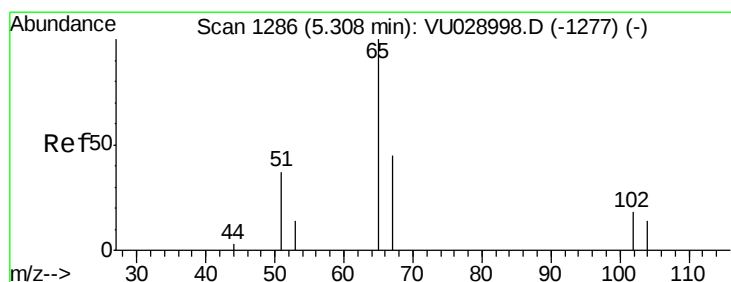
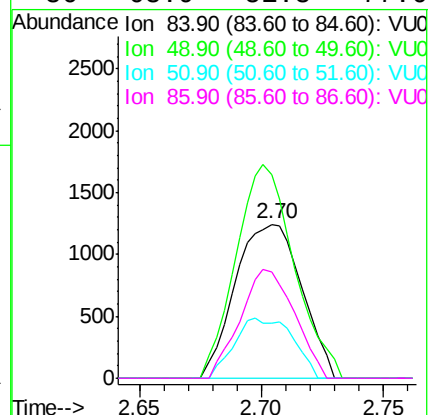
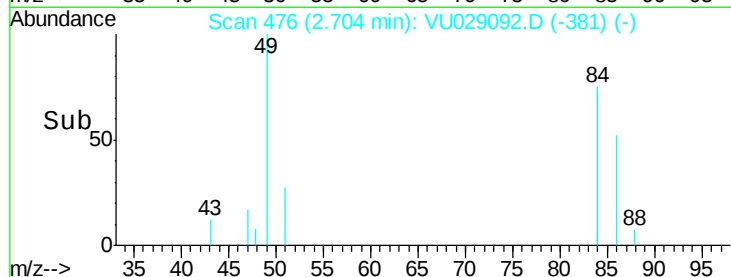
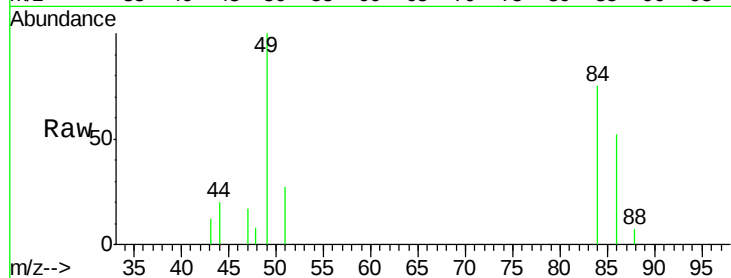
Ion Ratio Lower Upper

84 100

49 132.8 91.9 137.9

51 35.8 29.2 43.8

86 68.9 51.8 77.6



#33

1,2-Dichloroethane-d4

Concen: 56.131 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. 0.00 min

Lab File: VU029092.D

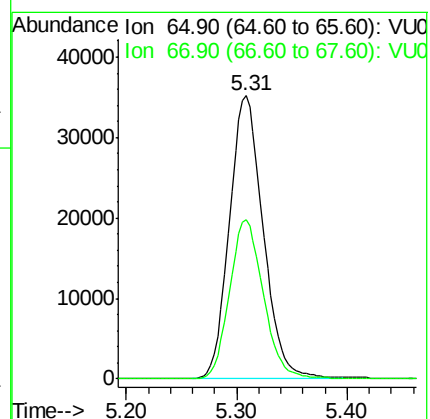
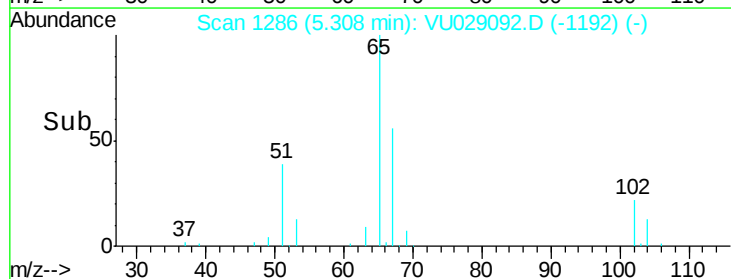
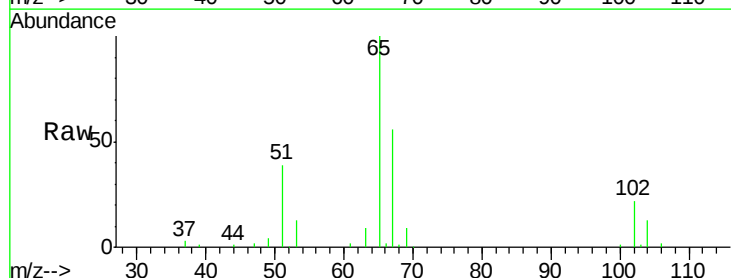
Acq: 09 Jan 2019 16:13

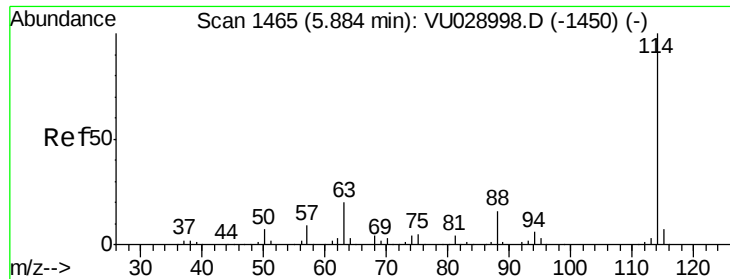
Tgt Ion: 65 Resp: 74849

Ion Ratio Lower Upper

65 100

67 56.1 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.88 min Scan# 1465

Delta R.T. 0.00 min

Lab File: VU029092.D

Acq: 09 Jan 2019 16:13

Instrument :

MSVOA_U

ClientSampleId :

PB116248ZHE#07

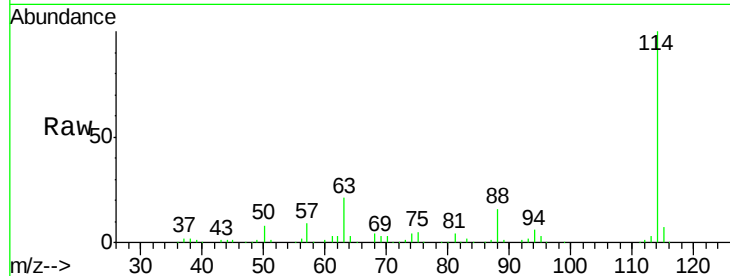
Tot Ion:114 Resp: 190710

Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.2

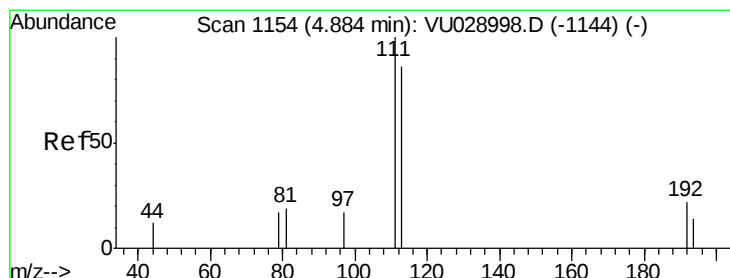
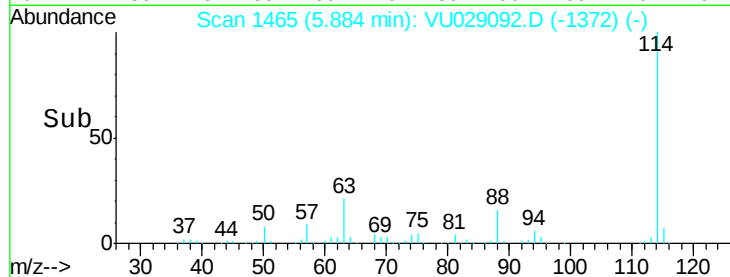
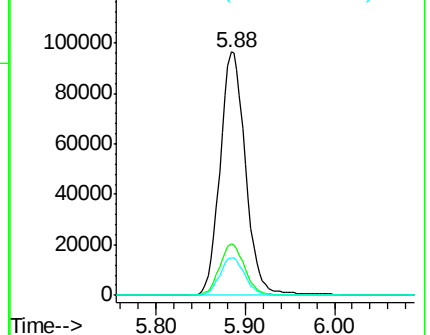
88 15.7 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0



#35

Dibromofluoromethane

Concen: 52.542 ug/l

RT: 4.88 min Scan# 1153

Delta R.T. 0.00 min

Lab File: VU029092.D

Acq: 09 Jan 2019 16:13

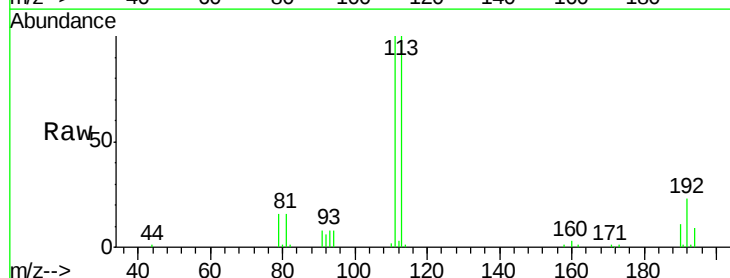
Tgt Ion:113 Resp: 64954

Ion Ratio Lower Upper

113 100

111 101.9 81.4 122.2

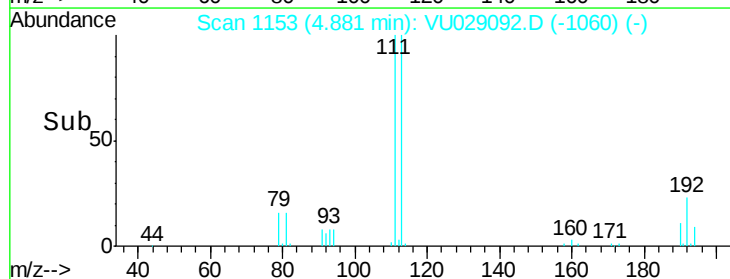
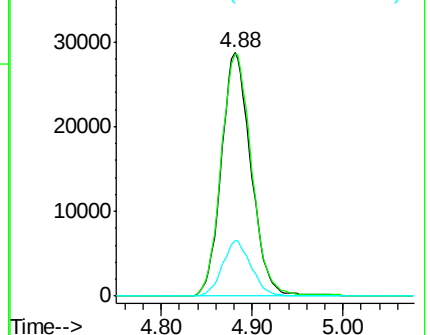
192 21.9 16.8 25.2

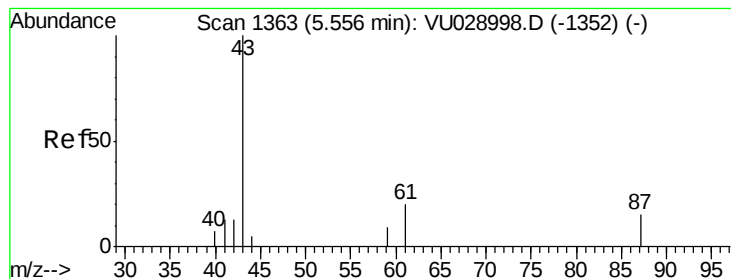


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.807 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.01 min

Lab File: VU029092.D

Acq: 09 Jan 2019 16:13

Instrument :

MSVOA_U

ClientSampleId :

PB116248ZHE#07

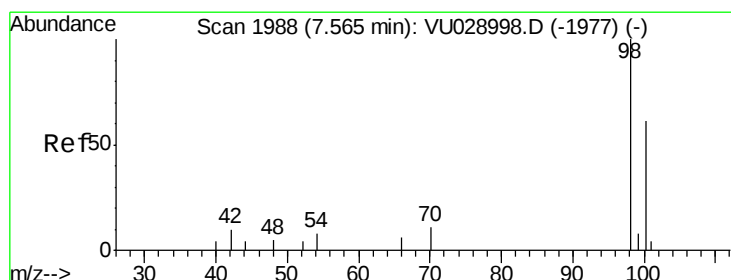
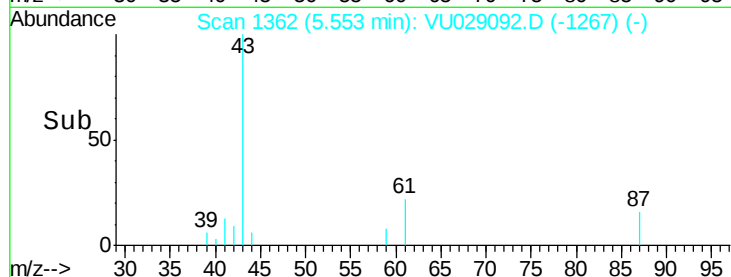
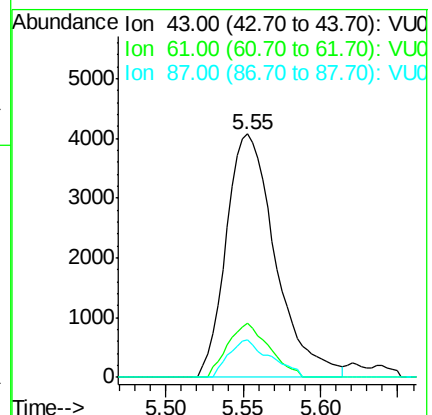
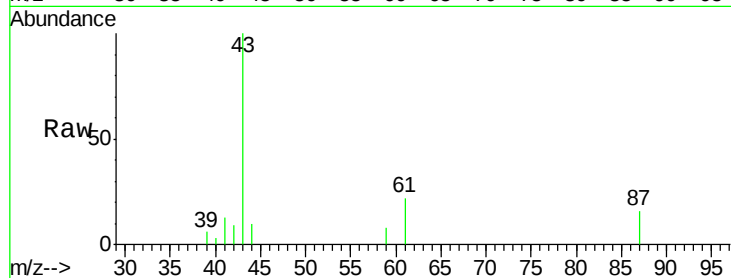
Tot Ion: 43 Resp: 9011

Ion Ratio Lower Upper

43 100

61 18.6 17.8 26.6

87 13.0 11.3 16.9



#50

Toluene-d8

Concen: 50.731 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VU029092.D

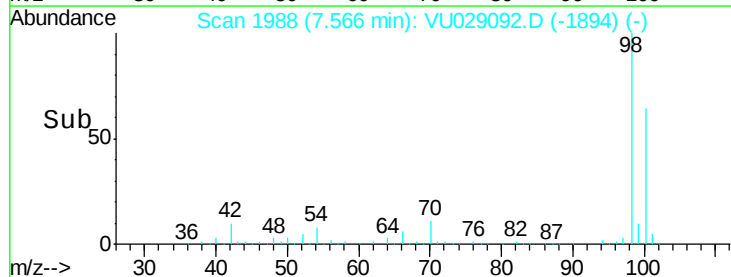
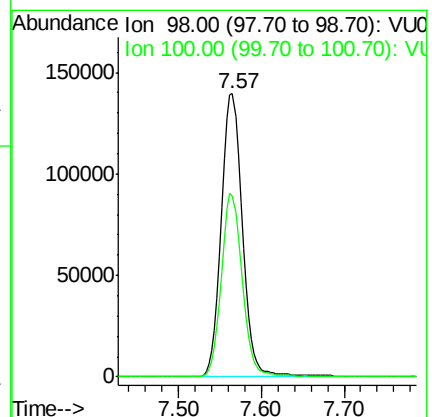
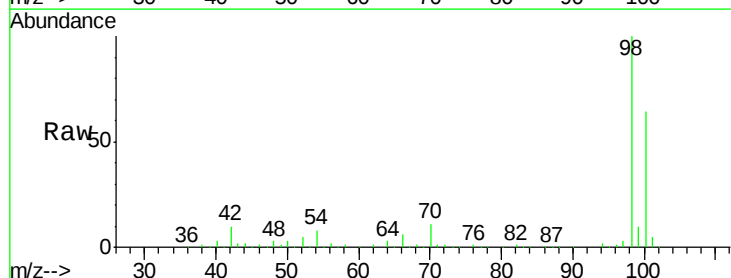
Acq: 09 Jan 2019 16:13

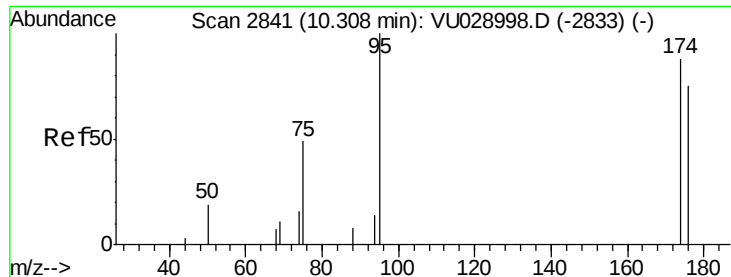
Tgt Ion: 98 Resp: 247594

Ion Ratio Lower Upper

98 100

100 63.3 51.6 77.4

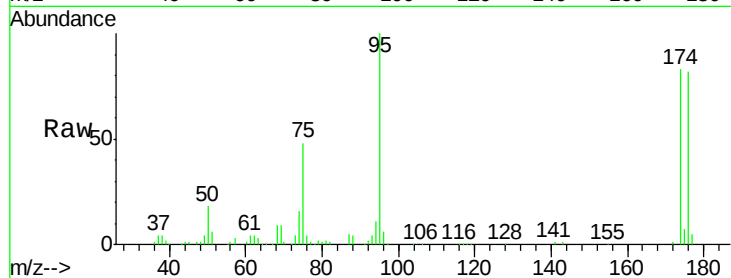




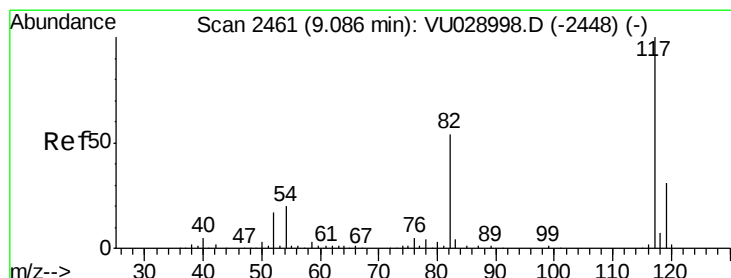
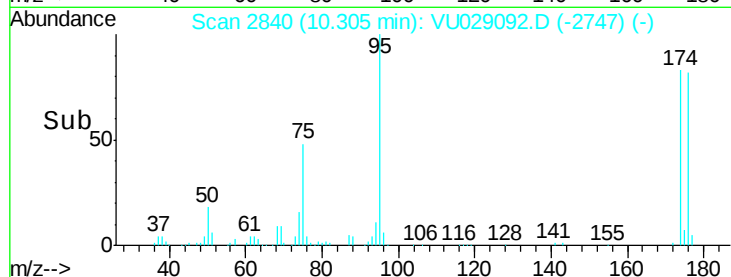
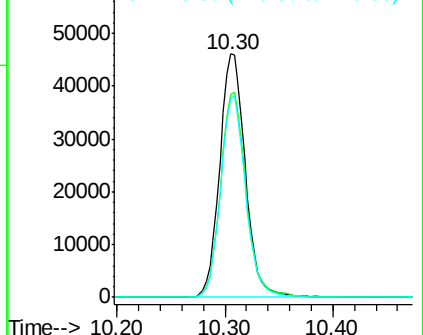
#62
4-Bromofluorobenzene
Concen: 43.440 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VU029092.D
Acq: 09 Jan 2019 16:13

Instrument :
MSVOA_U
ClientSampleId :
PB116248ZHE#07

Tot Ion: 95 Resp: 76193
Ion Ratio Lower Upper
95 100
174 83.8 0.0 170.6
176 81.2 0.0 165.0

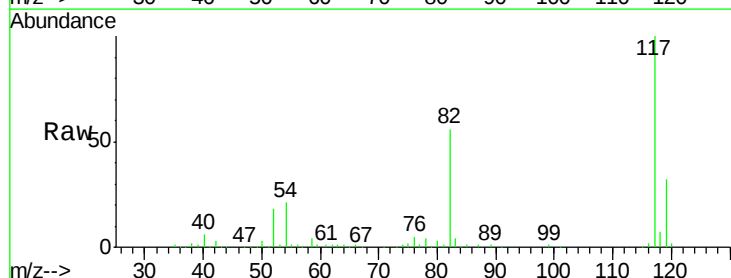


Abundance Ion 94.90 (94.60 to 95.60): VU028998.D (-2833) (-)
Ion 173.80 (173.50 to 174.50): VU028998.D (-2833) (-)
Ion 175.80 (175.50 to 176.50): VU028998.D (-2833) (-)

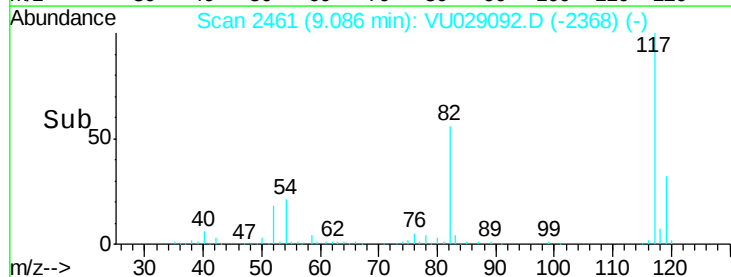
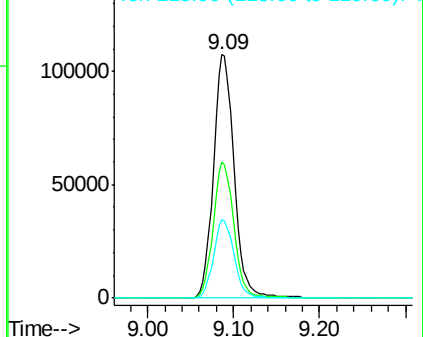


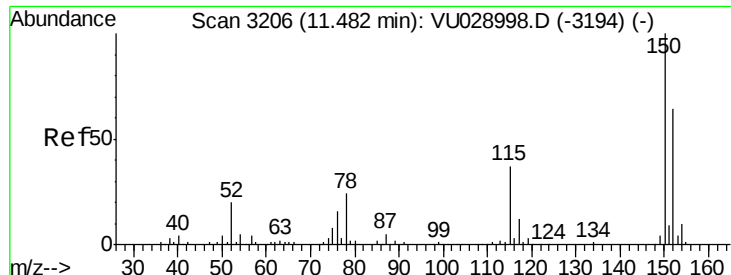
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2461
Delta R.T. 0.00 min
Lab File: VU029092.D
Acq: 09 Jan 2019 16:13

Tgt Ion: 117 Resp: 180931
Ion Ratio Lower Upper
117 100
82 55.7 43.9 65.9
119 32.0 26.0 39.0



Abundance Ion 116.90 (116.60 to 117.60): VU028998.D (-2448) (-)
Ion 82.00 (81.70 to 82.70): VU028998.D (-2448) (-)
Ion 118.90 (118.60 to 119.60): VU028998.D (-2448) (-)

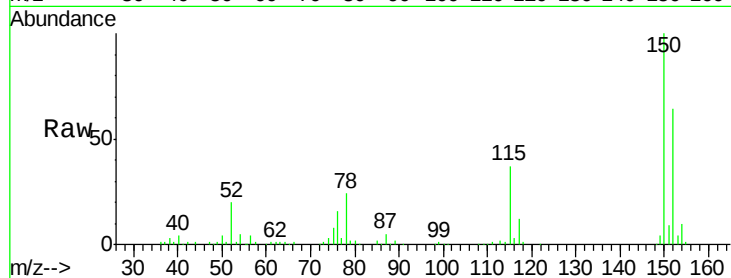




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.48 min Scan# 3206
 Delta R.T. 0.00 min
 Lab File: VU029092.D
 Acq: 09 Jan 2019 16:13

Instrument :
 MSVOA_U
 ClientSampleId :
 PB116248ZHE#07

Tot Ion:152 Resp: 69711
 Ion Ratio Lower Upper
 152 100
 115 57.7 40.1 120.3
 150 157.6 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

