

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU010919\
 Data File : VU029087.D
 Acq On : 09 Jan 2019 14:12
 Operator : MD/SY
 Sample : PB116248ZHE#02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB116248ZHE#02

Quant Time: Jan 10 04:55:08 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

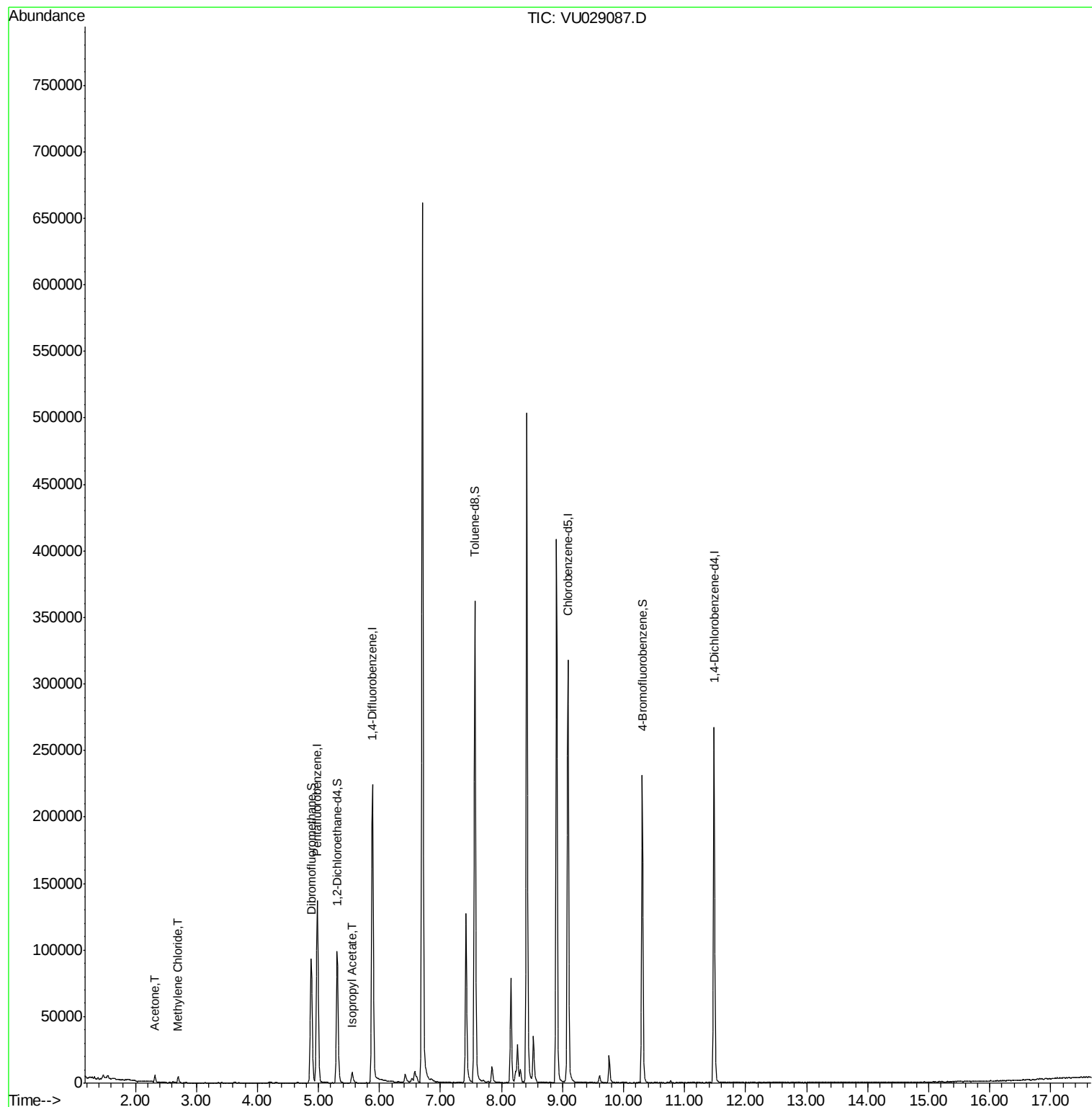
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	110854	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	192700	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	184688	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	72858	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	75814	55.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.64%	
35) Dibromofluoromethane	4.88	113	66169	52.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.94%	
50) Toluene-d8	7.56	98	248158	50.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.64%	
62) 4-Bromofluorobenzene	10.30	95	78830	44.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.96%	
Target Compounds						
16) Acetone	2.32	43	5324	6.167	ug/l	91
20) Methylene Chloride	2.70	84	2329	1.589	ug/l	94
43) Isopropyl Acetate	5.55	43	9074	2.798	ug/l	97

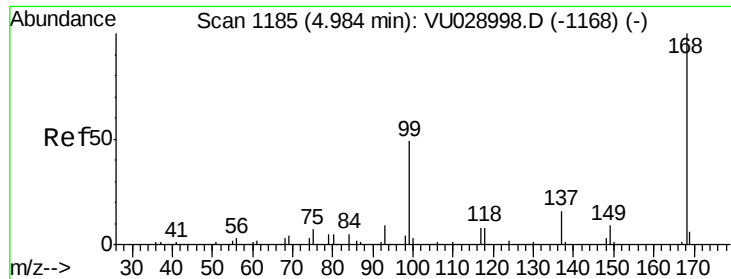
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VU029087.D

Acq: 09 Jan 2019 14:12

Instrument :

MSVOA_U

ClientSampleId :

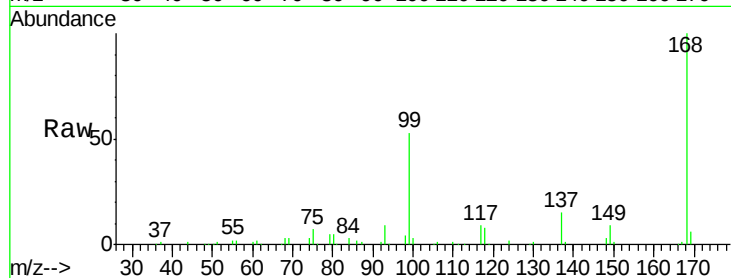
PB116248ZHE#02

Tot Ion:168 Resp: 110854

Ion Ratio Lower Upper

168 100

99 52.9 42.0 63.0

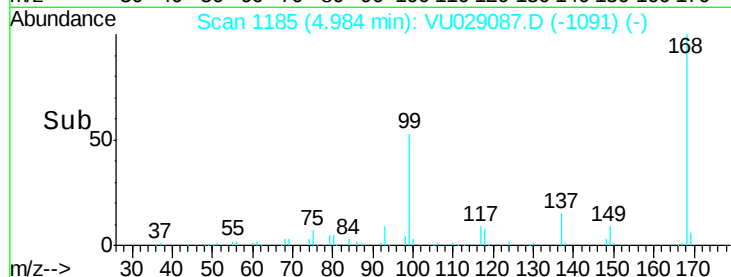


Abundance Ion 167.90 (167.60 to 168.60): VU028998.D (-1168) (-)

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

4.98

Time-->

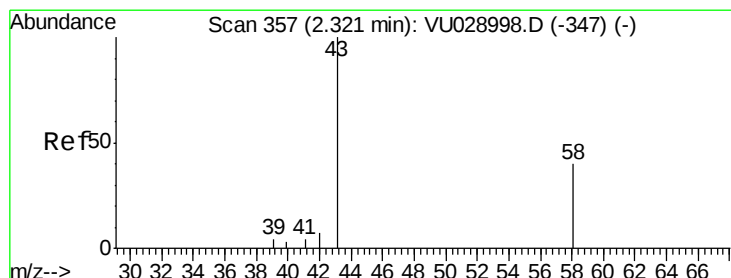


Abundance Ion 167.90 (167.60 to 168.60): VU029087.D (-1091) (-)

Ion 98.90 (98.60 to 99.60): VU029087.D (-1091) (-)

4.98

Time-->



#16

Acetone

Concen: 6.167 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU029087.D

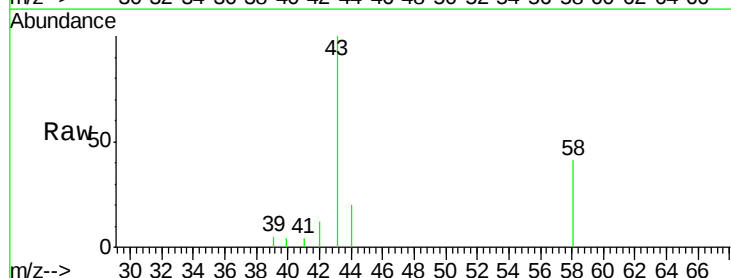
Acq: 09 Jan 2019 14:12

Tgt Ion: 43 Resp: 5324

Ion Ratio Lower Upper

43 100

58 41.0 28.6 42.8

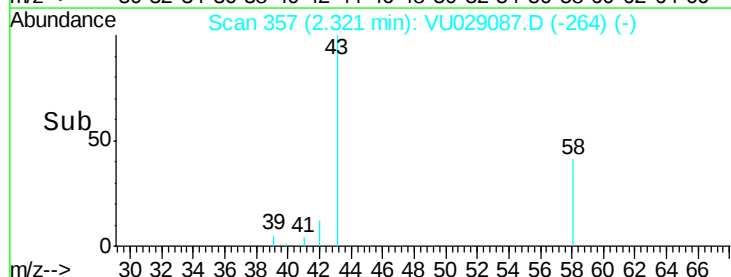


Abundance Ion 43.00 (42.70 to 43.70): VU028998.D (-347) (-)

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

2.32

Time-->

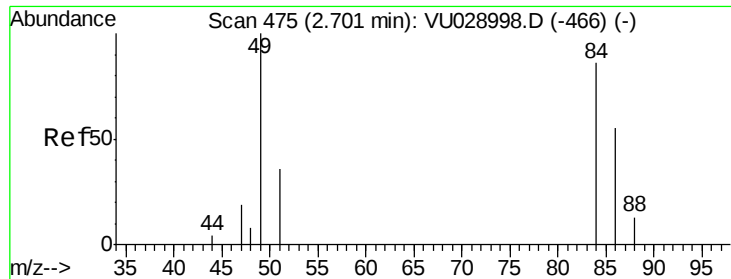


Abundance Ion 43.00 (42.70 to 43.70): VU029087.D (-264) (-)

Ion 58.00 (57.70 to 58.70): VU029087.D (-264) (-)

2.32

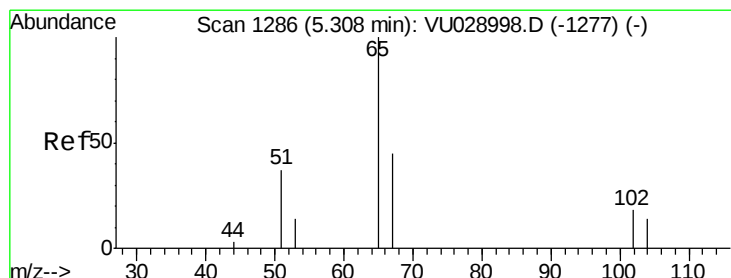
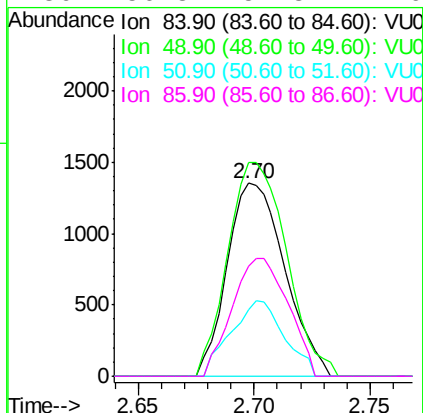
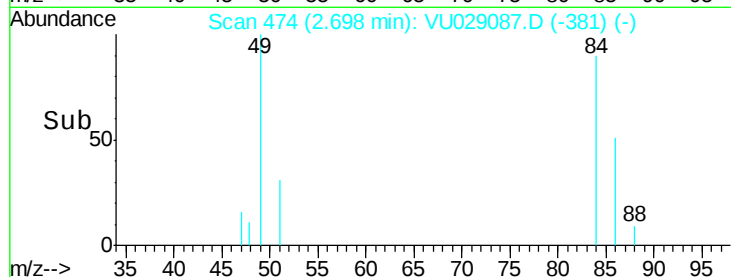
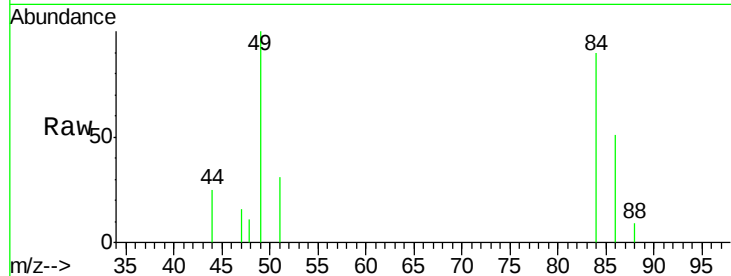
Time-->



#20
Methylene Chloride
Concen: 1.589 ug/l
RT: 2.70 min Scan# 474
Delta R.T. 0.00 min
Lab File: VU029087.D
Acq: 09 Jan 2019 14:12

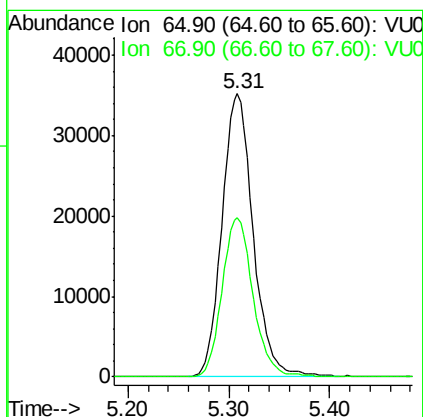
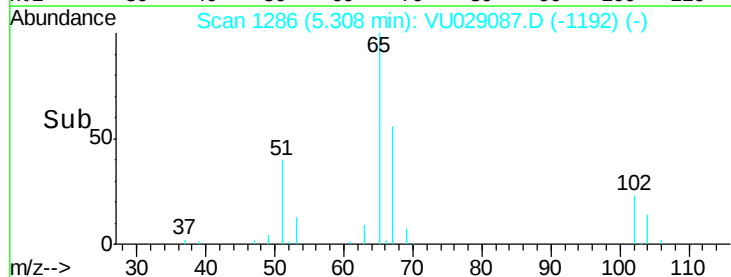
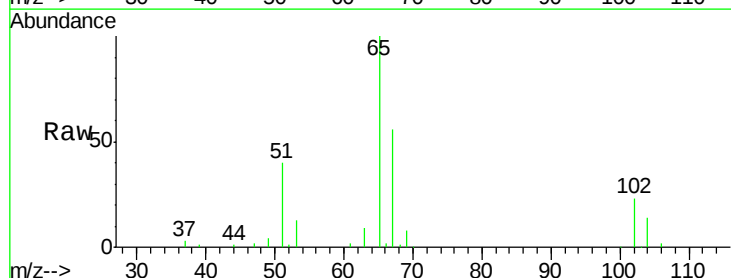
Instrument :
MSVOA_U
ClientSampleId :
PB116248ZHE#02

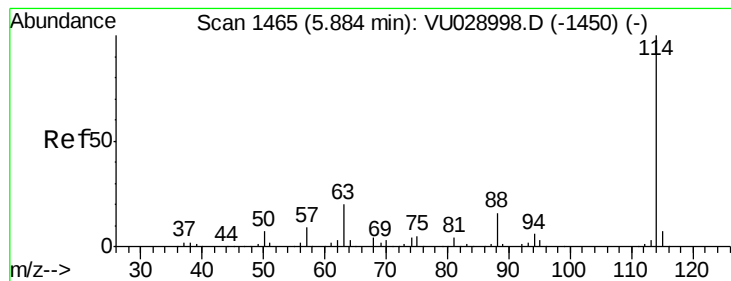
Tot Ion: 84 Resp: 2329
Ion Ratio Lower Upper
84 100
49 110.7 91.9 137.9
51 34.3 29.2 43.8
86 56.8 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 55.324 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. 0.00 min
Lab File: VU029087.D
Acq: 09 Jan 2019 14:12

Tgt Ion: 65 Resp: 75814
Ion Ratio Lower Upper
65 100
67 55.3 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: VU029087.D

Acq: 09 Jan 2019 14:12

Instrument :

MSVOA_U

ClientSampleId :

PB116248ZHE#02

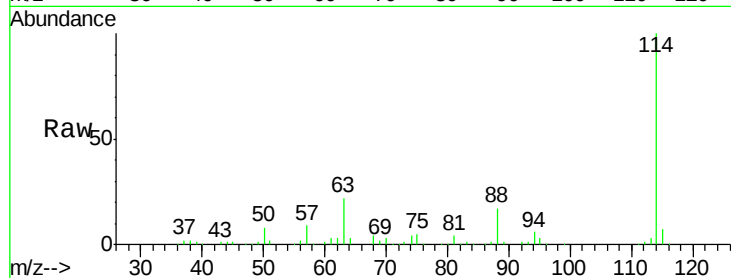
Tot Ion:114 Resp: 192700

Ion Ratio Lower Upper

114 100

63 21.9 0.0 40.2

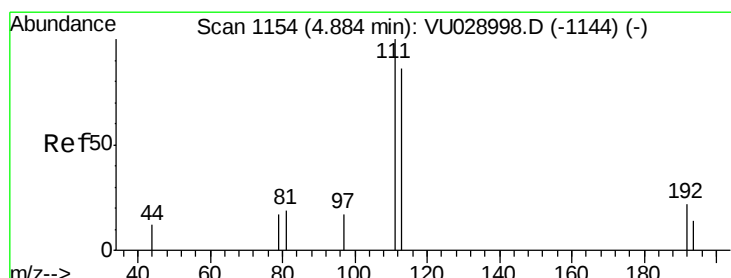
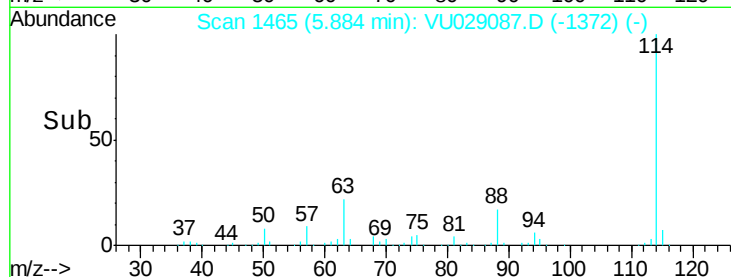
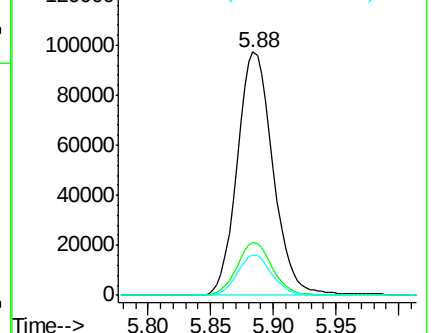
88 16.7 0.0 30.4



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: 52.972 ug/l

RT: 4.88 min Scan# 1153

Delta R.T. 0.00 min

Lab File: VU029087.D

Acq: 09 Jan 2019 14:12

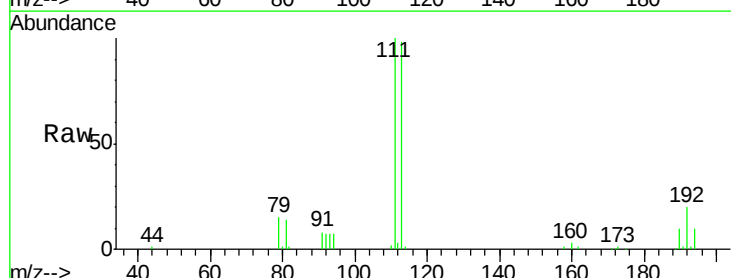
Tgt Ion:113 Resp: 66169

Ion Ratio Lower Upper

113 100

111 102.7 81.4 122.2

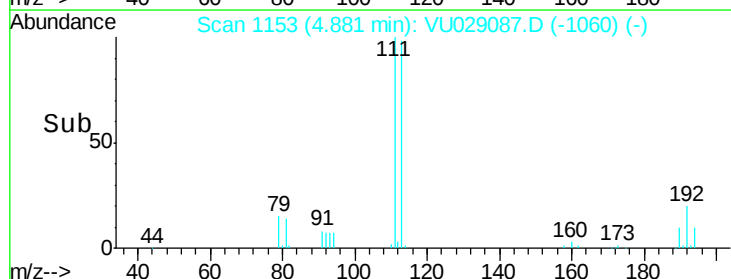
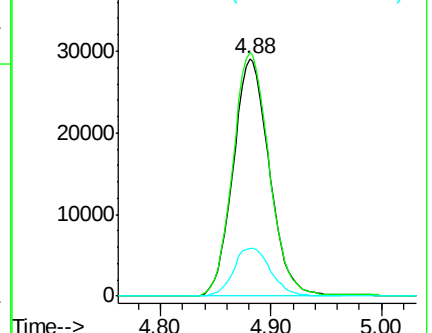
192 20.7 16.8 25.2

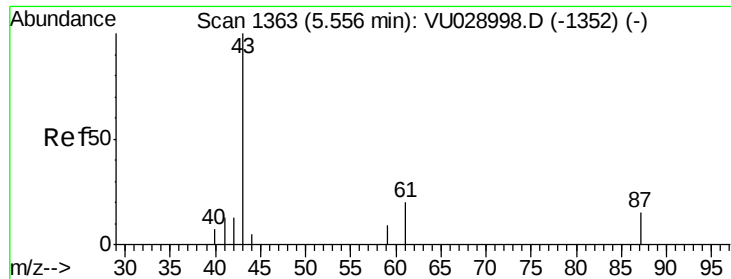


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.798 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.01 min

Lab File: VU029087.D

Acq: 09 Jan 2019 14:12

Instrument :

MSVOA_U

ClientSampleId :

PB116248ZHE#02

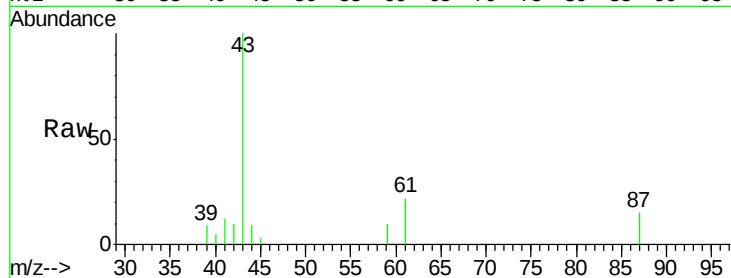
Tot Ion: 43 Resp: 9074

Ion Ratio Lower Upper

43 100

61 20.1 17.8 26.6

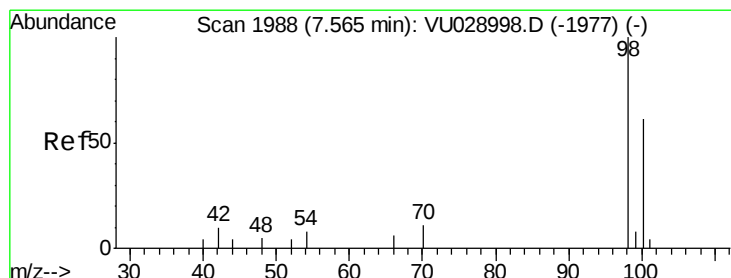
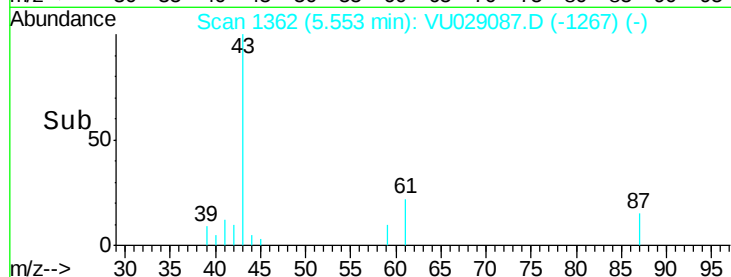
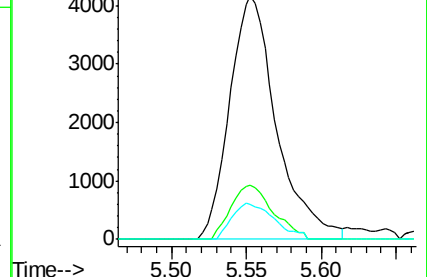
87 13.3 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VU029087.D (-1267) (-)

Ion 61.00 (60.70 to 61.70): VU029087.D (-1267) (-)

Ion 87.00 (86.70 to 87.70): VU029087.D (-1267) (-)



#50

Toluene-d8

Concen: 50.322 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VU029087.D

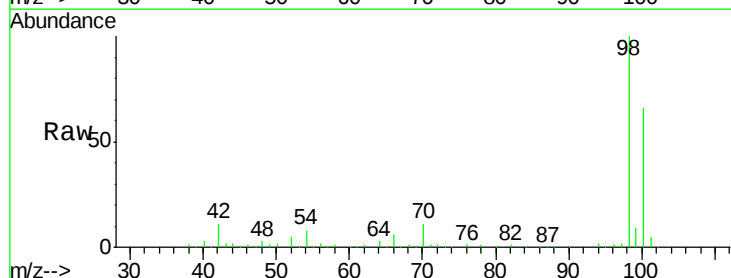
Acq: 09 Jan 2019 14:12

Tgt Ion: 98 Resp: 248158

Ion Ratio Lower Upper

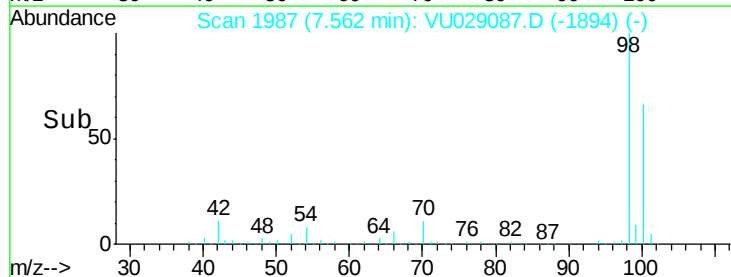
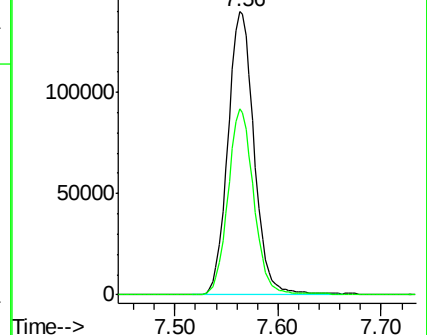
98 100

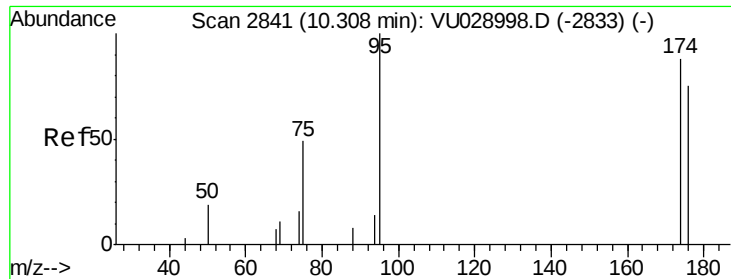
100 64.6 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VU029087.D (-1894) (-)

Ion 100.00 (99.70 to 100.70): VU029087.D (-1894) (-)

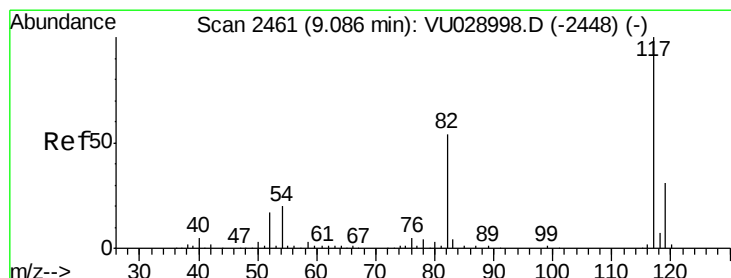
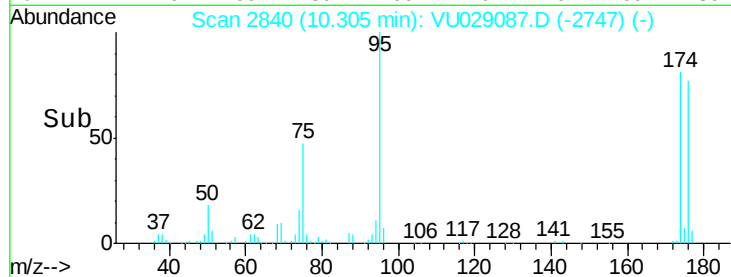
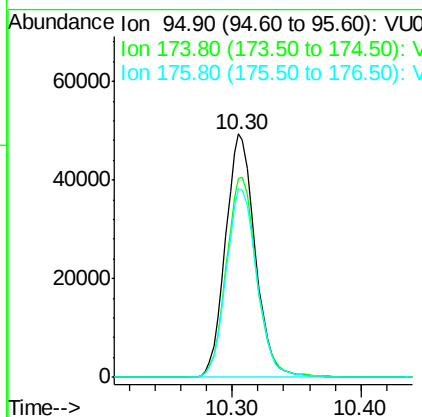
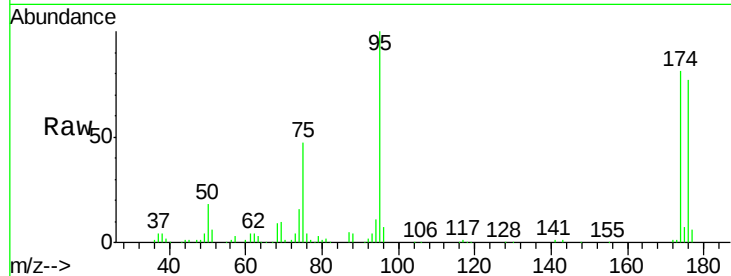




#62
4-Bromofluorobenzene
Concen: 44.480 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VU029087.D
Acq: 09 Jan 2019 14:12

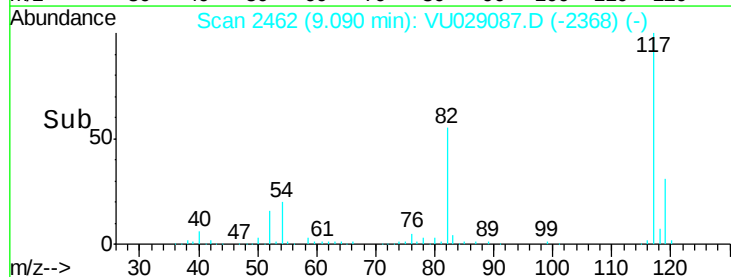
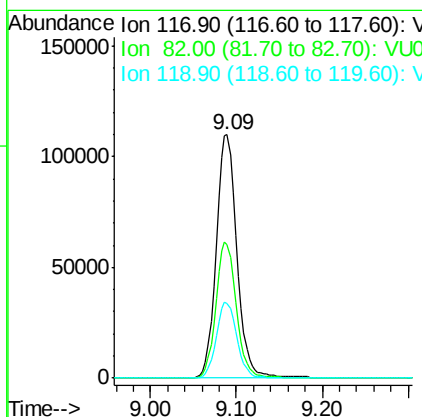
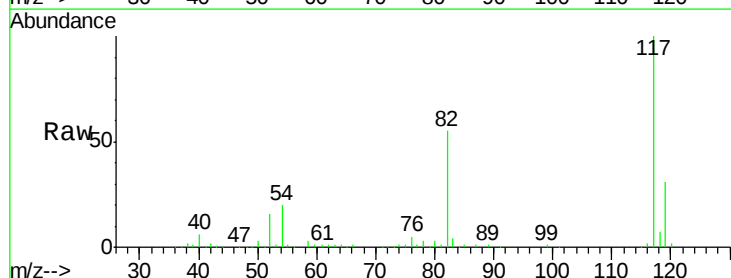
Instrument :
MSVOA_U
ClientSampleId :
PB116248ZHE#02

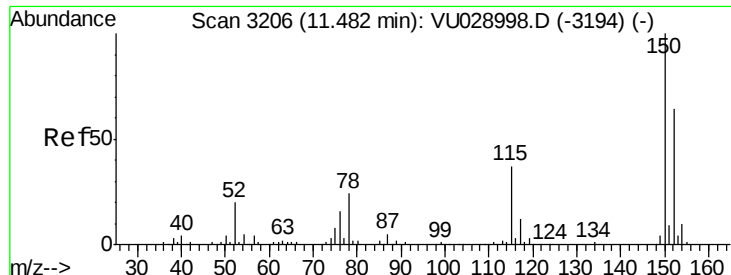
Tot Ion: 95 Resp: 78830
Ion Ratio Lower Upper
95 100
174 84.2 0.0 170.6
176 80.6 0.0 165.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU029087.D
Acq: 09 Jan 2019 14:12

Tgt Ion: 117 Resp: 184688
Ion Ratio Lower Upper
117 100
82 54.8 43.9 65.9
119 30.9 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: VU029087.D

Acq: 09 Jan 2019 14:12

Instrument :

MSVOA_U

ClientSampleId :

PB116248ZHE#02

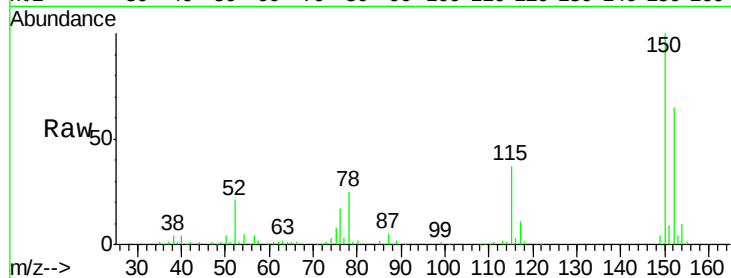
Tot Ion:152 Resp: 72858

Ion Ratio Lower Upper

152 100

115 56.4 40.1 120.3

150 157.0 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

