

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU012119\
 Data File : VU029246.D
 Acq On : 21 Jan 2019 14:08
 Operator : JC/SP
 Sample : PB116506ZHE#06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB116506ZHE#06

Quant Time: Jan 22 01:56:25 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

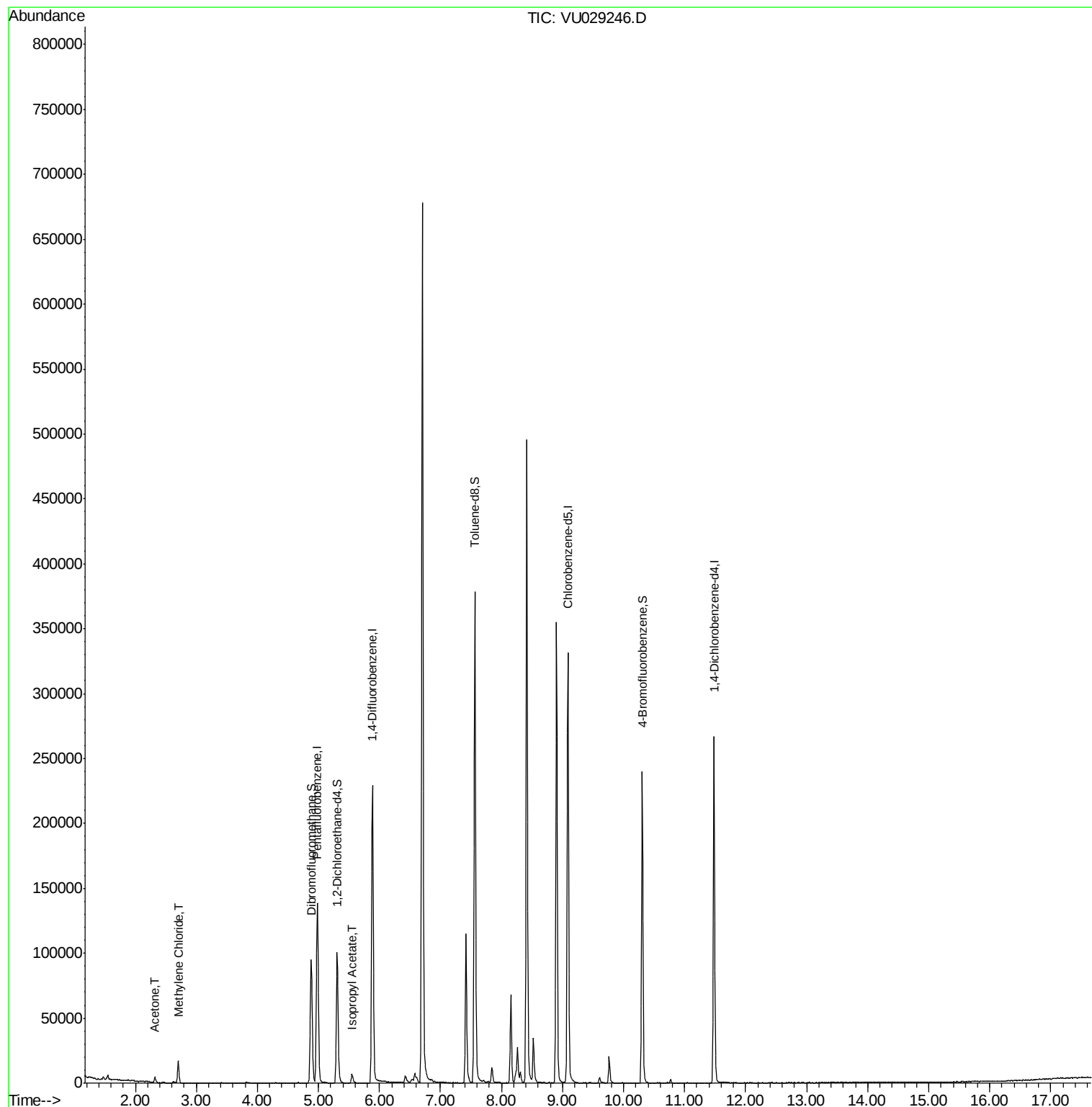
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	112990	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	197582	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	192025	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	72594	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	77834	55.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.44%	
35) Dibromofluoromethane	4.88	113	67319	52.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.12%	
50) Toluene-d8	7.56	98	260323	51.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.96%	
62) 4-Bromofluorobenzene	10.30	95	81400	44.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.58%	
Target Compounds						
16) Acetone	2.32	43	4619	5.249	ug/l	93
20) Methylene Chloride	2.70	84	7804	5.224	ug/l	98
43) Isopropyl Acetate	5.55	43	8230	2.475	ug/l #	92

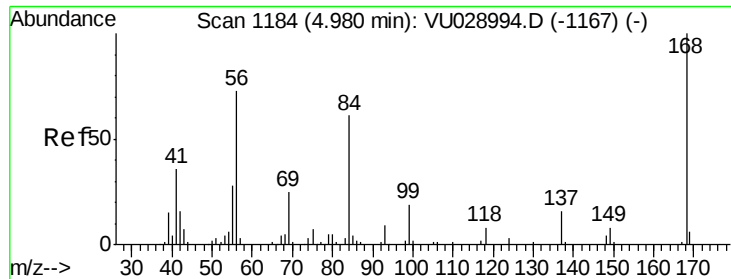
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU029246.D

Acq: 21 Jan 2019 14:08

Instrument :

MSVOA_U

ClientSampleId :

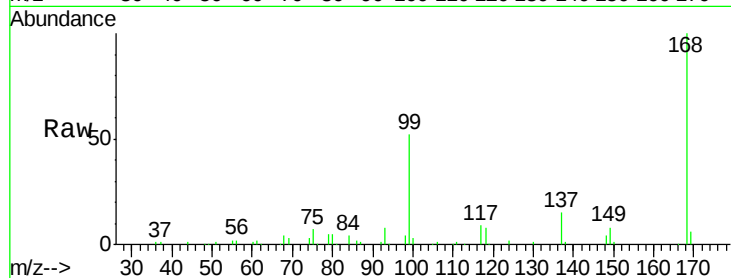
PB116506ZHE#06

Tot Ion:168 Resp: 112990

Ion Ratio Lower Upper

168 100

99 52.1 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

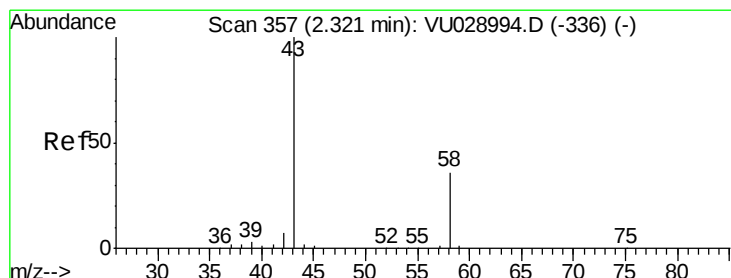
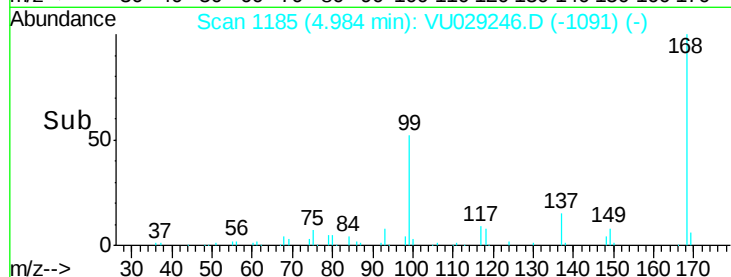
20000

10000

0

4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 5.249 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU029246.D

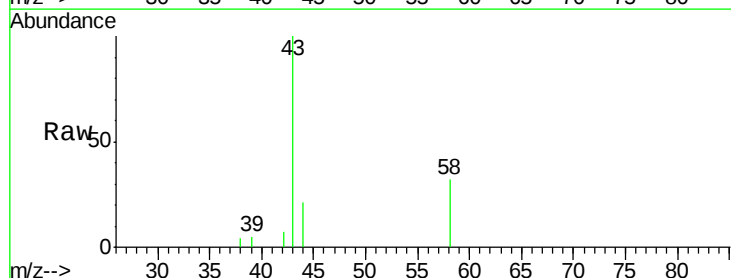
Acq: 21 Jan 2019 14:08

Tgt Ion: 43 Resp: 4619

Ion Ratio Lower Upper

43 100

58 31.6 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

3000

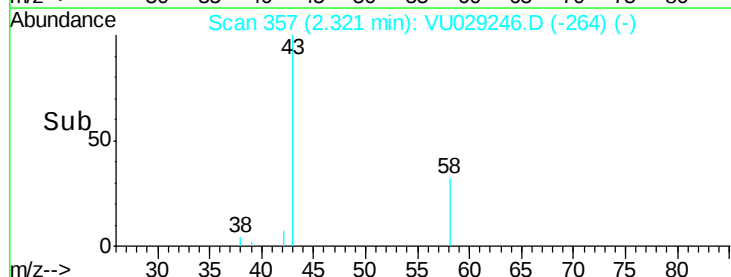
2000

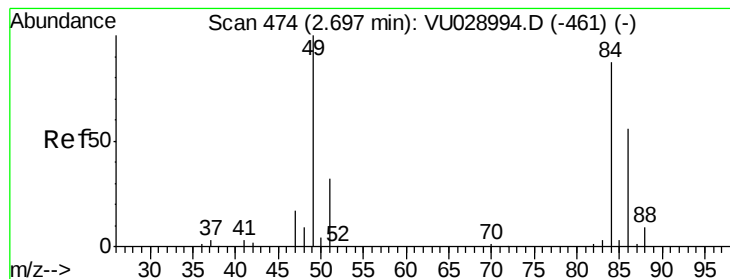
1000

0

2.25 2.30 2.35 2.40

Time-->





#20

Methvlene Chloride

Concen: 5.224 ug/l

RT: 2.70 min Scan# 475

Delta R.T. 0.00 min

Lab File: VU029246.D

Acq: 21 Jan 2019 14:08

Instrument :

MSVOA_U

ClientSampleId :

PB116506ZHE#06

Tot Ion: 84 Resp: 7804

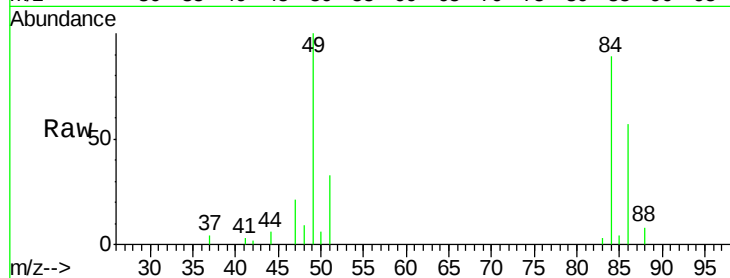
Ion Ratio Lower Upper

84 100

49 112.1 91.9 137.9

51 36.9 29.2 43.8

86 63.4 51.8 77.6

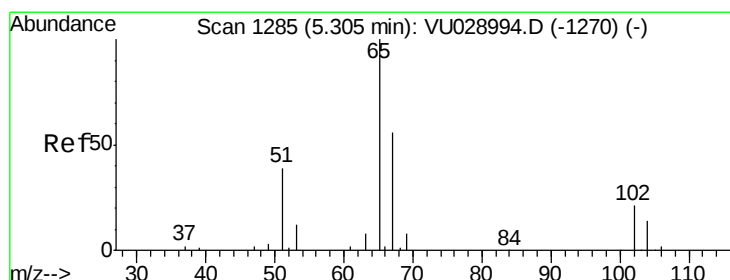
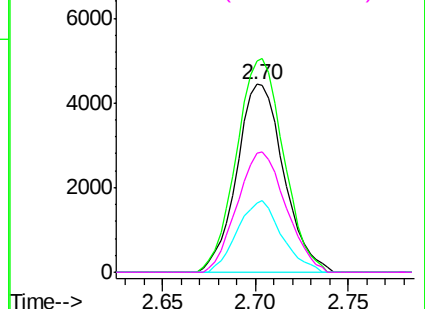
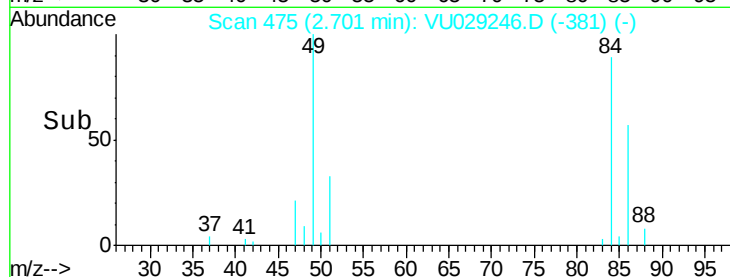


Abundance Ion 83.90 (83.60 to 84.60): VU0

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: 55.724 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. 0.00 min

Lab File: VU029246.D

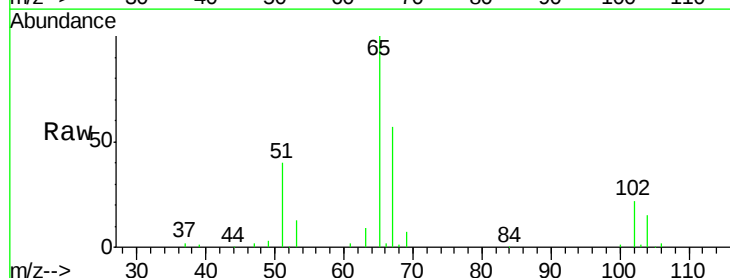
Acq: 21 Jan 2019 14:08

Tgt Ion: 65 Resp: 77834

Ion Ratio Lower Upper

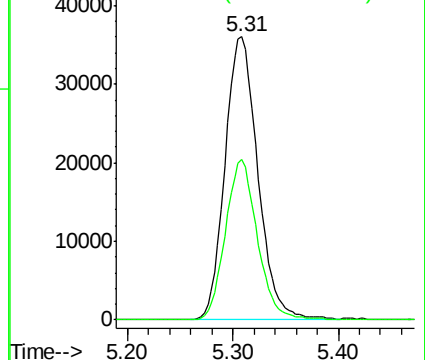
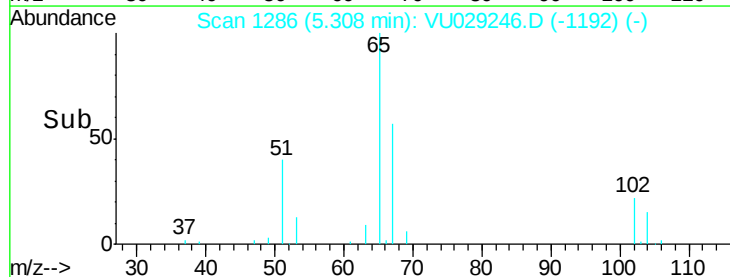
65 100

67 55.0 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: VU029246.D

Acq: 21 Jan 2019 14:08

Instrument :

MSVOA_U

ClientSampleId :

PB116506ZHE#06

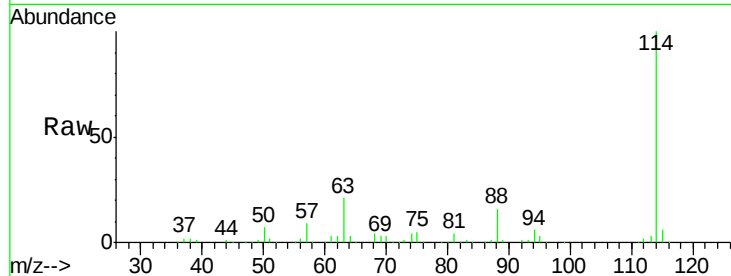
Tot Ion:114 Resp: 197582

Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.2

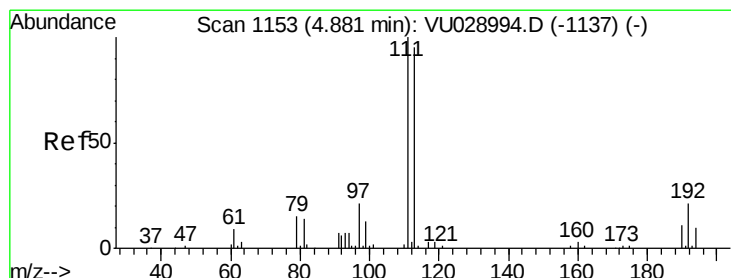
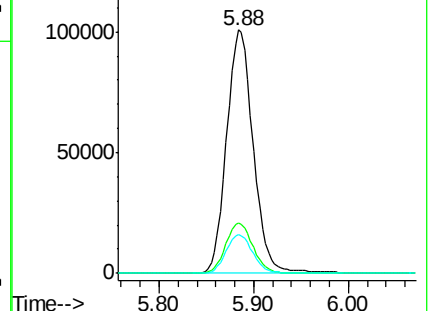
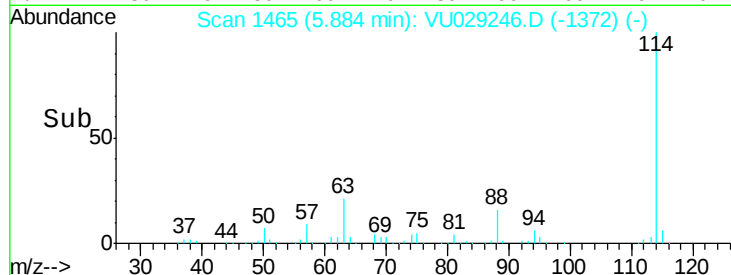
88 15.7 0.0 30.4



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: 52.561 ug/l

RT: 4.88 min Scan# 1153

Delta R.T. 0.00 min

Lab File: VU029246.D

Acq: 21 Jan 2019 14:08

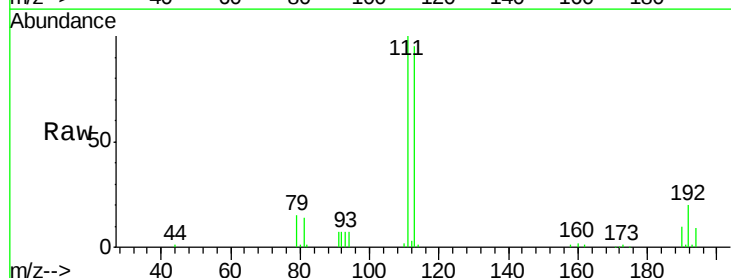
Tgt Ion:113 Resp: 67319

Ion Ratio Lower Upper

113 100

111 104.3 81.4 122.2

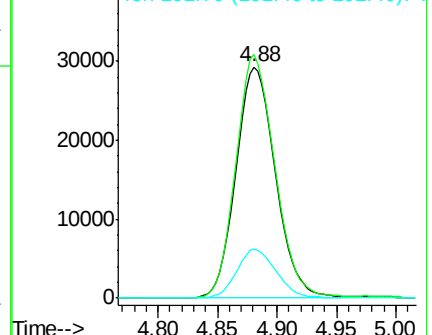
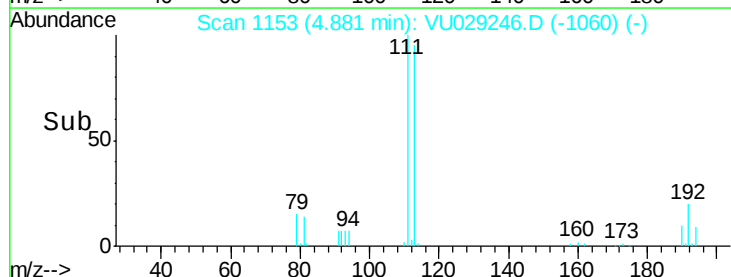
192 21.1 16.8 25.2

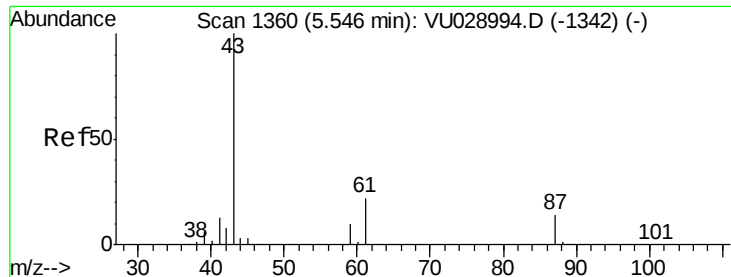


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.475 ug/l

RT: 5.55 min Scan# 1361

Delta R.T. 0.00 min

Lab File: VU029246.D

Acq: 21 Jan 2019 14:08

Instrument :

MSVOA_U

ClientSampleId :

PB116506ZHE#06

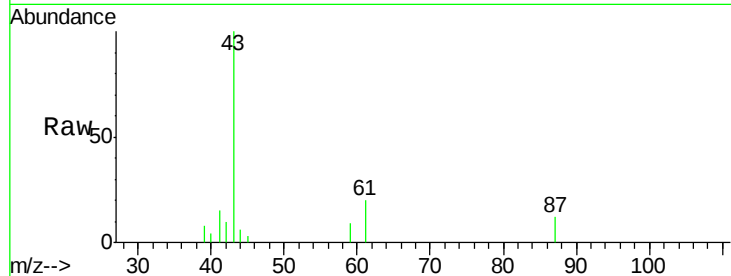
Tot Ion: 43 Resp: 8230

Ion Ratio Lower Upper

43 100

61 18.7 17.8 26.6

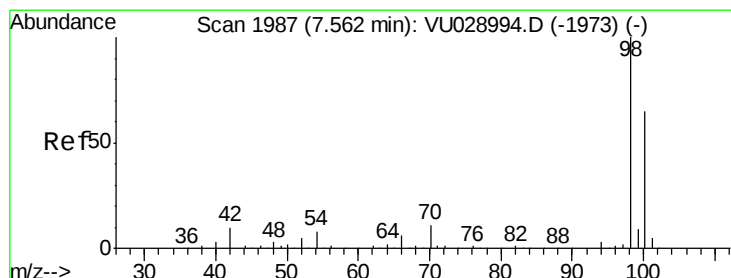
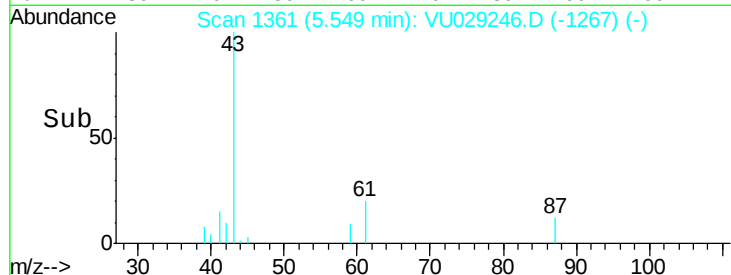
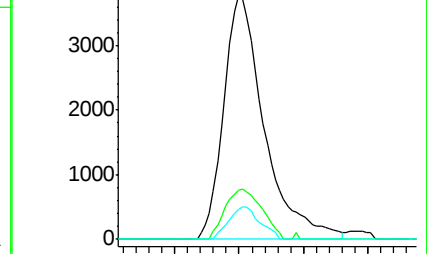
87 10.2 11.3 16.9#



Abundance Ion 43.00 (42.70 to 43.70): VU028994.D (-1342) (-)

Ion 61.00 (60.70 to 61.70): VU028994.D (-1342) (-)

Ion 87.00 (86.70 to 87.70): VU028994.D (-1342) (-)



#50

Toluene-d8

Concen: 51.484 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VU029246.D

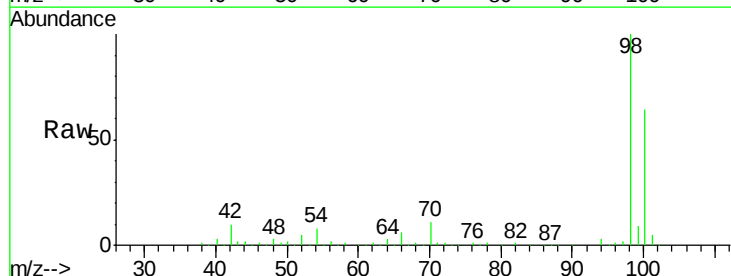
Acq: 21 Jan 2019 14:08

Tgt Ion: 98 Resp: 260323

Ion Ratio Lower Upper

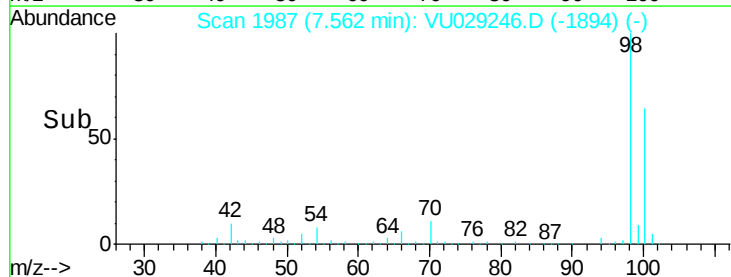
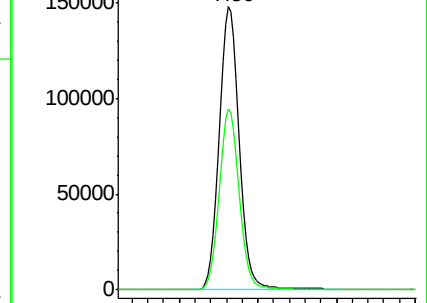
98 100

100 63.7 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VU028994.D (-1973) (-)

Ion 100.00 (99.70 to 100.70): VU028994.D (-1973) (-)

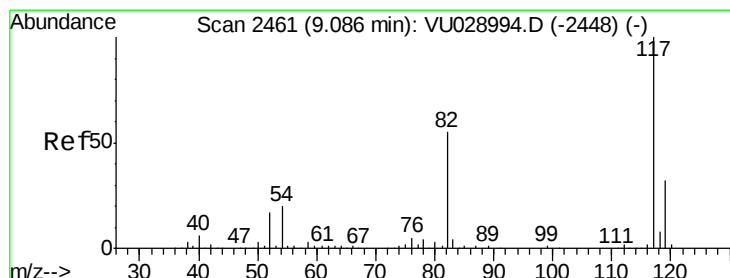
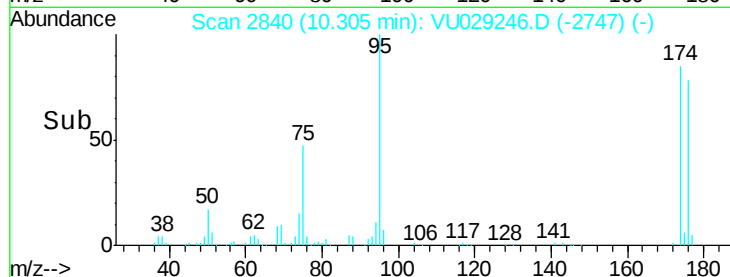
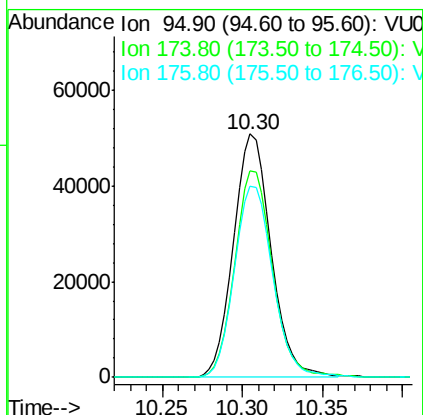
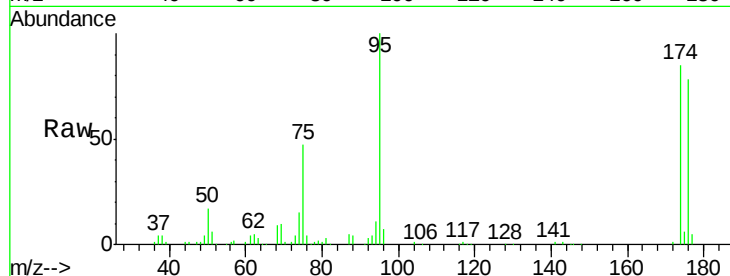




#62
4-Bromofluorobenzene
Concen: 44.795 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VU029246.D
Acq: 21 Jan 2019 14:08

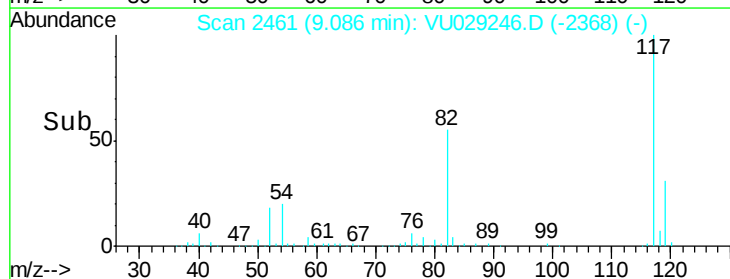
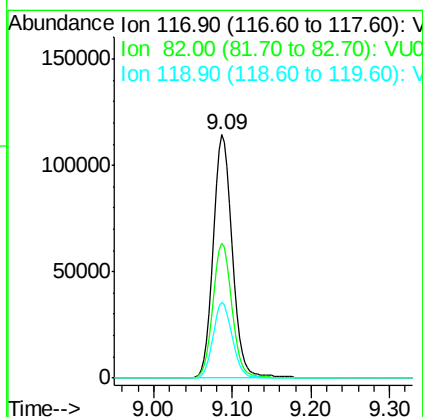
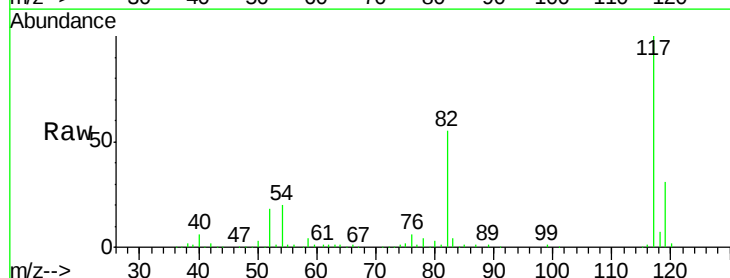
Instrument :
MSVOA_U
ClientSampleId :
PB116506ZHE#06

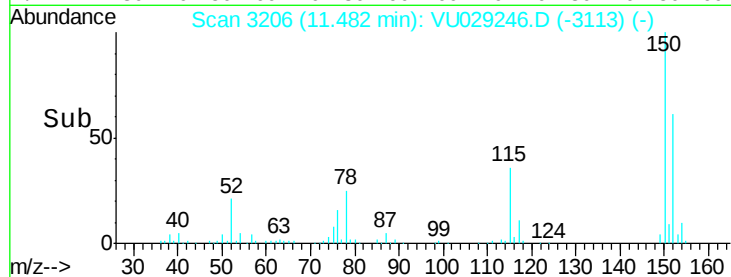
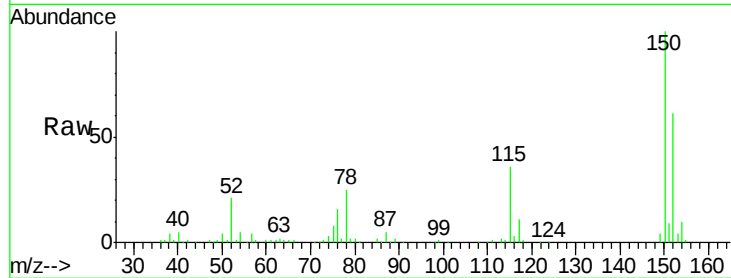
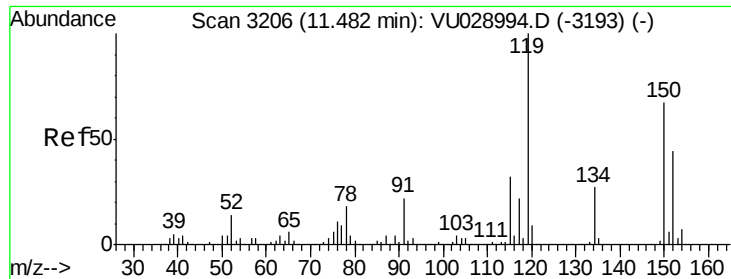
Tot Ion: 95 Resp: 81400
Ion Ratio Lower Upper
95 100
174 85.4 0.0 170.6
176 80.5 0.0 165.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2461
Delta R.T. 0.00 min
Lab File: VU029246.D
Acq: 21 Jan 2019 14:08

Tgt Ion: 117 Resp: 192025
Ion Ratio Lower Upper
117 100
82 55.5 43.9 65.9
119 31.4 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: VU029246.D

Acq: 21 Jan 2019 14:08

Instrument :

MSVOA_U

ClientSampleId :

PB116506ZHE#06

Tot Ion:152 Resp: 72594

Ion Ratio Lower Upper

152 100

115 56.8 40.1 120.3

150 155.8 0.0 345.2

