

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU012119\
 Data File : VU029245.D
 Acq On : 21 Jan 2019 13:44
 Operator : JC/SP
 Sample : PB116506ZHE#05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB116506ZHE#05

Quant Time: Jan 22 01:52:57 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

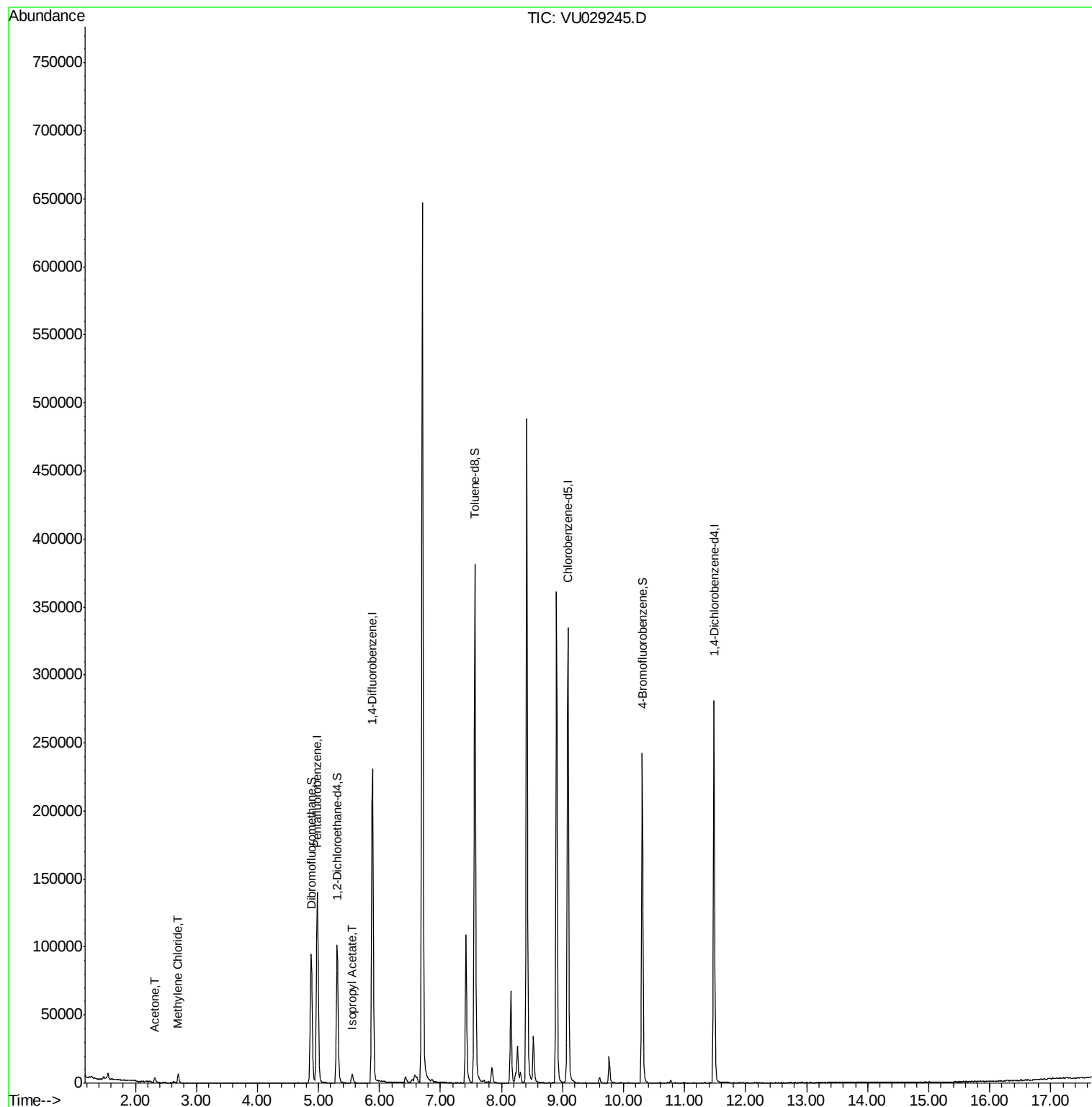
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	114187	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	202200	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	190726	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	76286	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	76485	54.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.36%	
35) Dibromofluoromethane	4.88	113	68217	52.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.10%	
50) Toluene-d8	7.56	98	262701	50.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.54%	
62) 4-Bromofluorobenzene	10.30	95	82776	44.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.02%	
Target Compounds						
16) Acetone	2.32	43	4546	5.112	ug/l	96
20) Methylene Chloride	2.70	84	3348	2.218	ug/l	94
43) Isopropyl Acetate	5.55	43	8342	2.451	ug/l	93

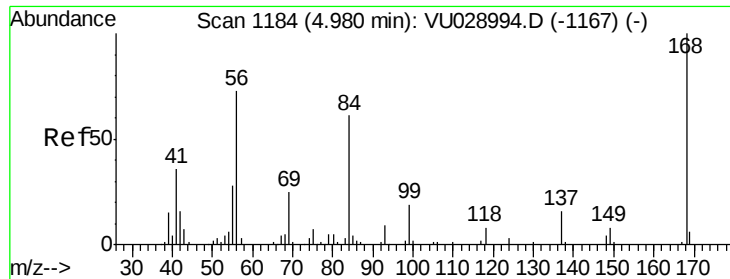
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU029245.D

Acq: 21 Jan 2019 13:44

Instrument :

MSVOA_U

ClientSampleId :

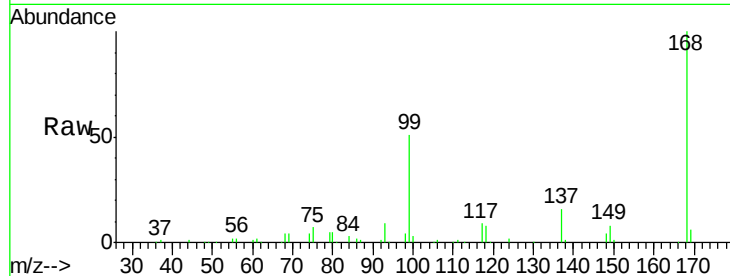
PB116506ZHE#05

Tot Ion:168 Resp: 114187

Ion Ratio Lower Upper

168 100

99 51.4 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

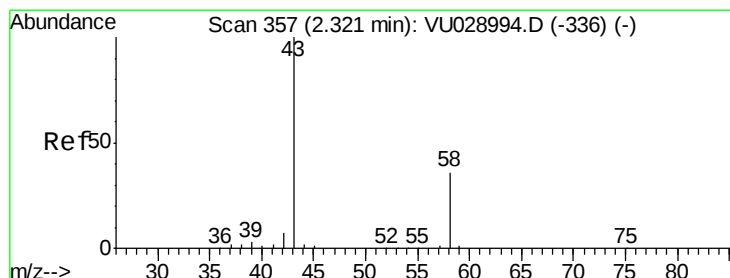
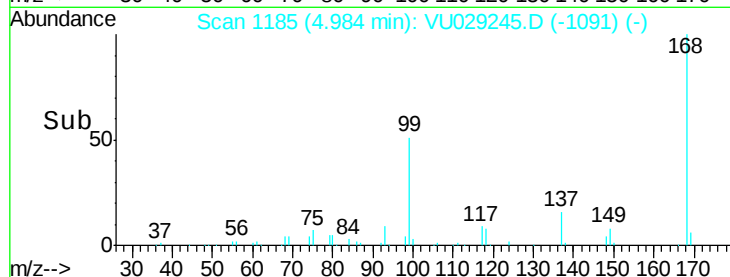
20000

10000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#16

Acetone

Concen: 5.112 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU029245.D

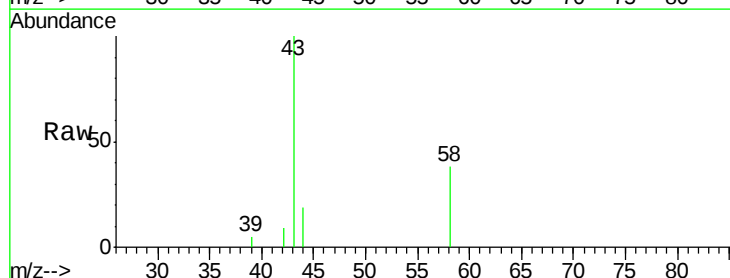
Acq: 21 Jan 2019 13:44

Tgt Ion: 43 Resp: 4546

Ion Ratio Lower Upper

43 100

58 38.2 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

2500

2000

1500

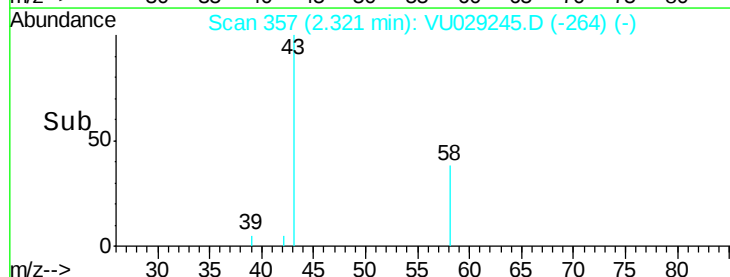
1000

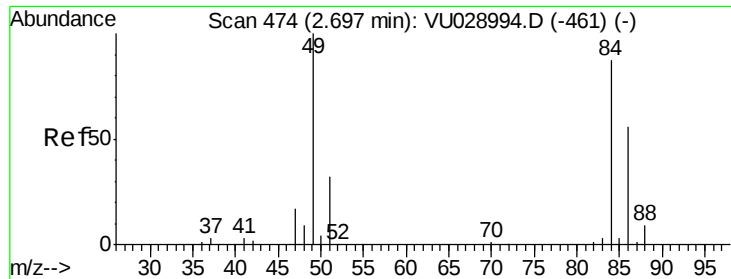
500

0

2.25 2.30 2.35 2.40

Time-->

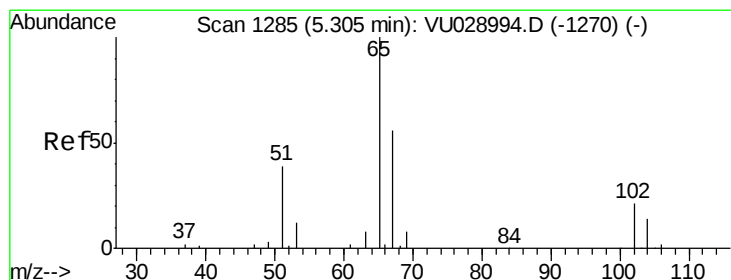
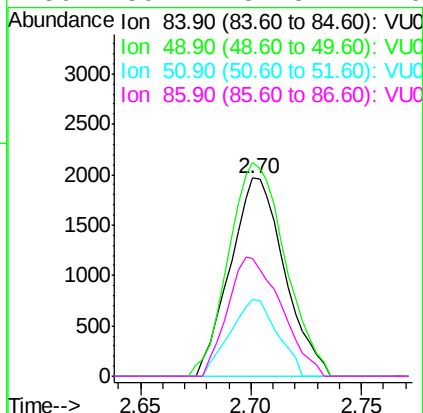
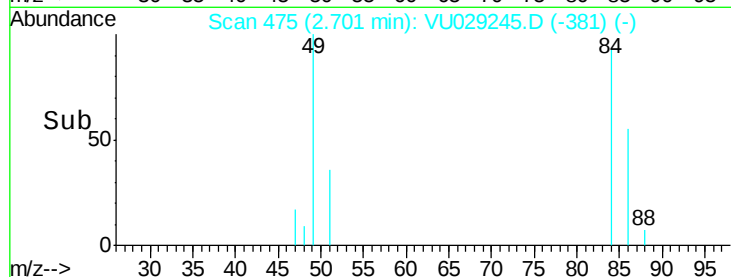
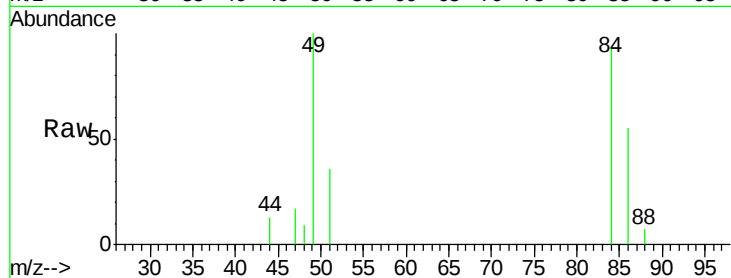




#20
Methvlene Chloride
Concen: 2.218 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU029245.D
Acq: 21 Jan 2019 13:44

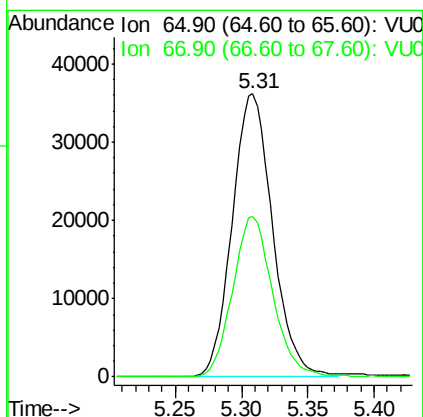
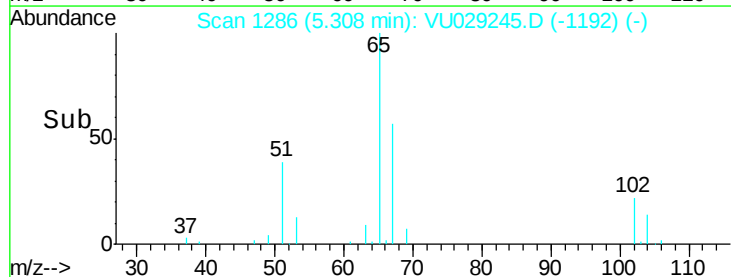
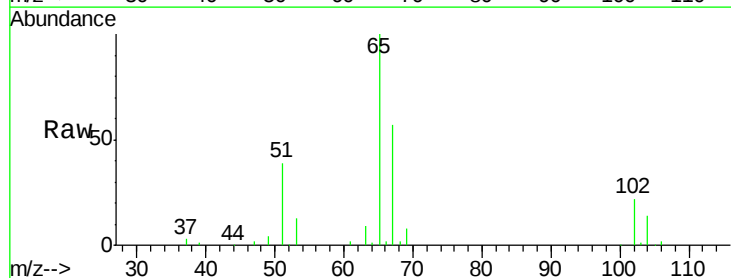
Instrument :
MSVOA_U
ClientSampleId :
PB116506ZHE#05

Tot Ion: 84 Resp: 3348
Ion Ratio Lower Upper
84 100
49 107.9 91.9 137.9
51 38.6 29.2 43.8
86 59.2 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 54.184 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. 0.00 min
Lab File: VU029245.D
Acq: 21 Jan 2019 13:44

Tgt Ion: 65 Resp: 76485
Ion Ratio Lower Upper
65 100
67 56.2 0.0 111.0

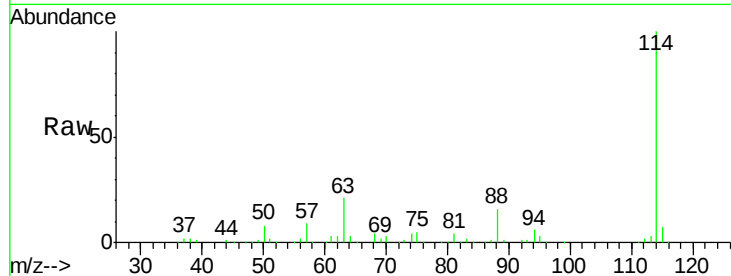




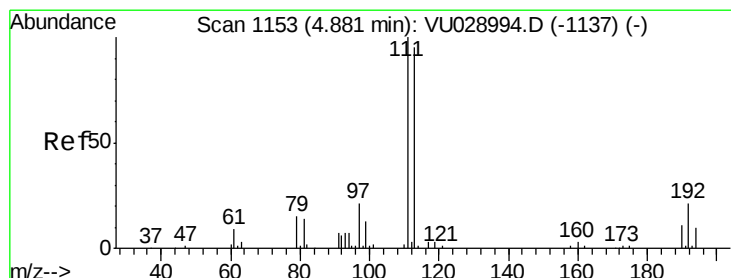
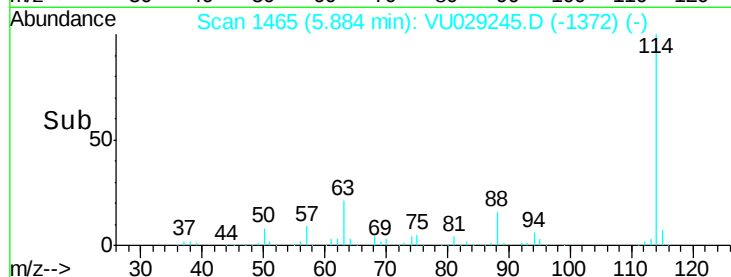
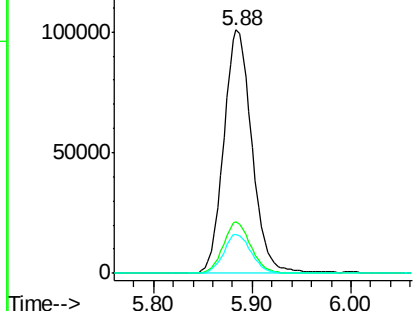
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: VU029245.D
 Acq: 21 Jan 2019 13:44

Instrument :
 MSVOA_U
 ClientSampleId :
 PB116506ZHE#05

Tot Ion:114	Resp:	202200
Ion	Ratio	Lower Upper
114	100	
63	21.0	0.0 40.2
88	16.1	0.0 30.4

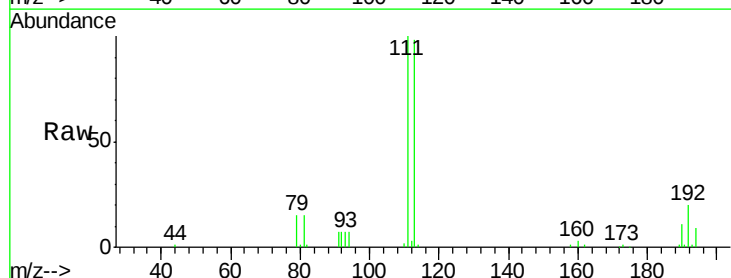


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

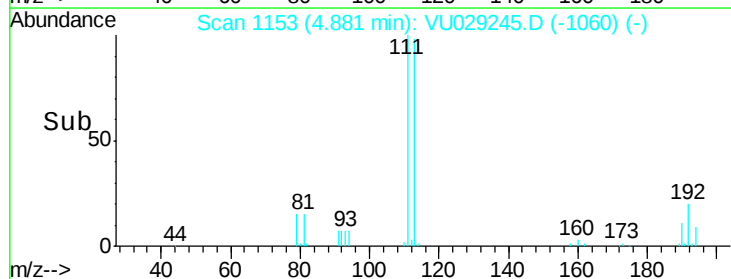
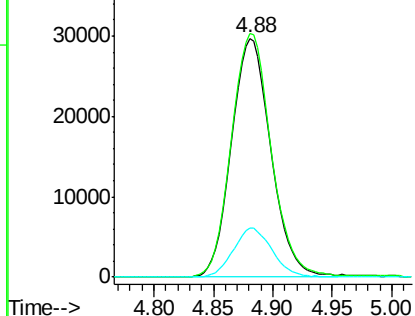


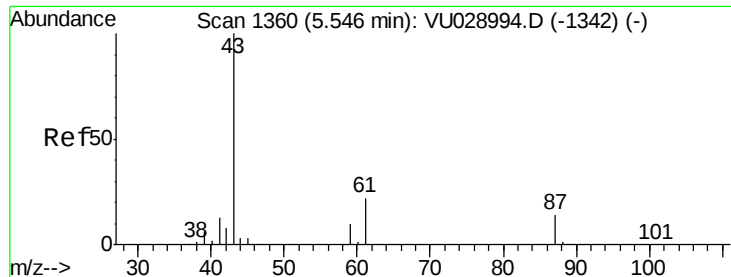
#35
 Dibromofluoromethane
 Concen: 52.045 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: VU029245.D
 Acq: 21 Jan 2019 13:44

Tgt Ion:113	Resp:	68217
Ion	Ratio	Lower Upper
113	100	
111	103.2	81.4 122.2
192	20.3	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: 2.451 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.01 min

Lab File: VU029245.D

Acq: 21 Jan 2019 13:44

Instrument :

MSVOA_U

ClientSampleId :

PB116506ZHE#05

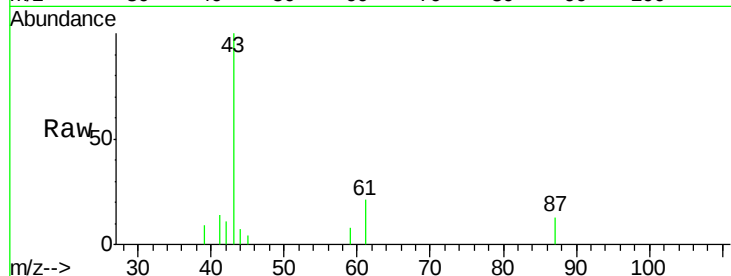
Tot Ion: 43 Resp: 8342

Ion Ratio Lower Upper

43 100

61 18.7 17.8 26.6

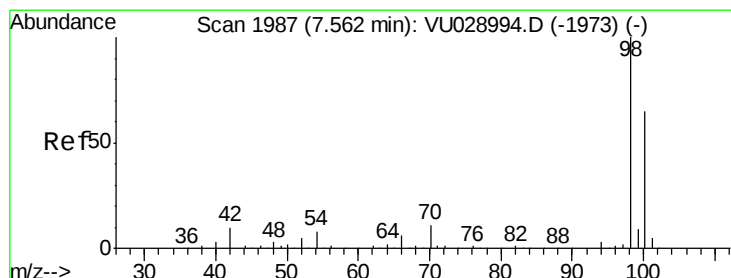
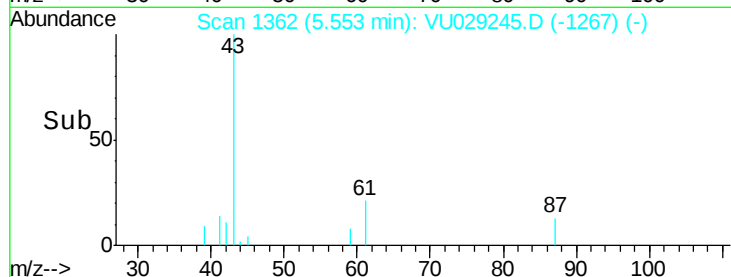
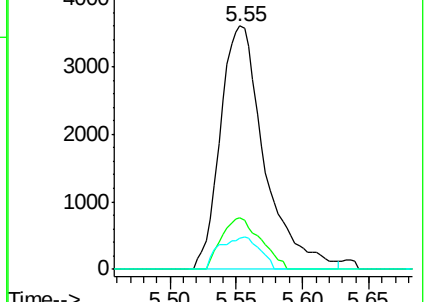
87 11.9 11.3 16.9



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: 50.768 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VU029245.D

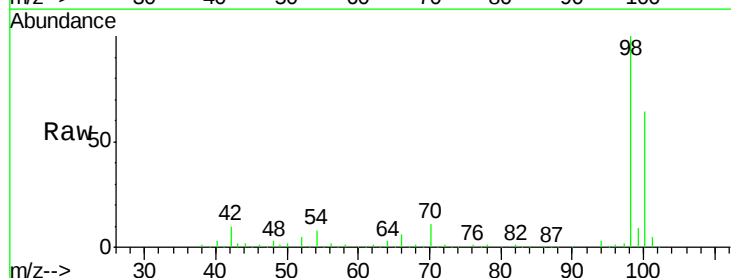
Acq: 21 Jan 2019 13:44

Tgt Ion: 98 Resp: 262701

Ion Ratio Lower Upper

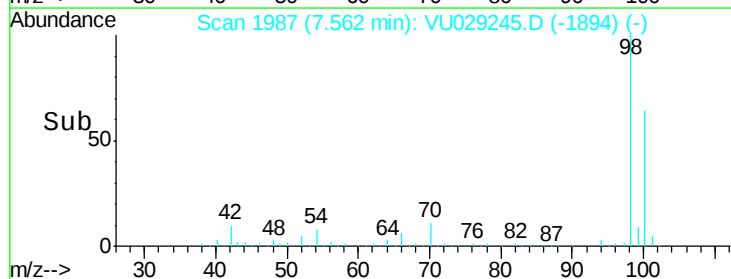
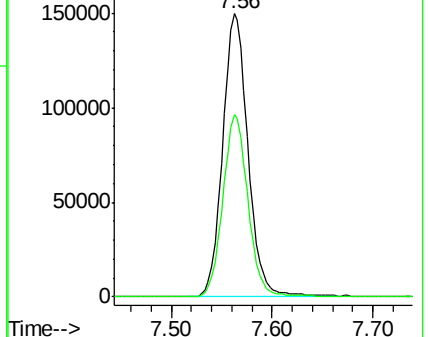
98 100

100 64.1 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) (-)

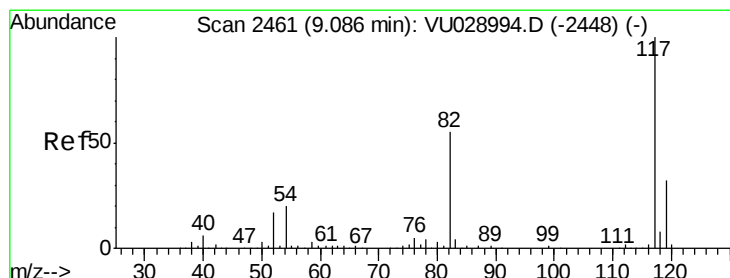
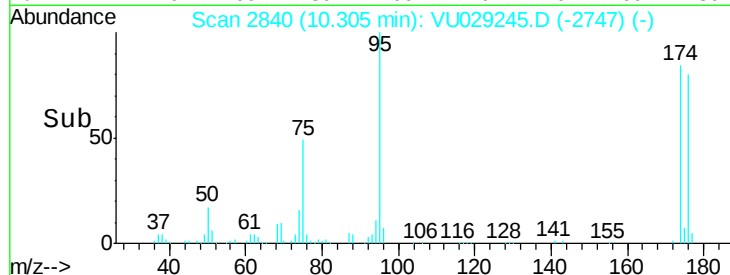
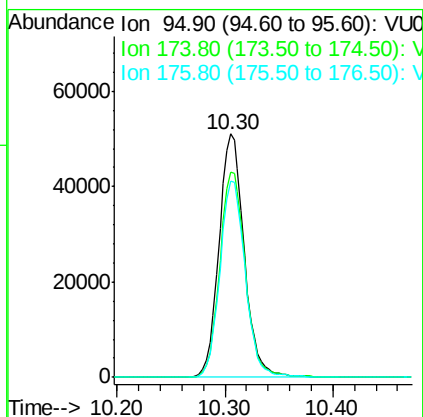
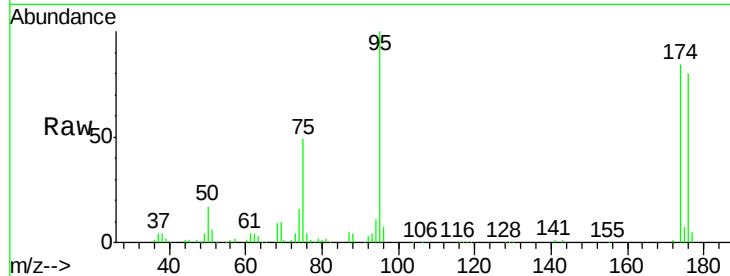




#62
4-Bromofluorobenzene
Concen: 44.512 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VU029245.D
Acq: 21 Jan 2019 13:44

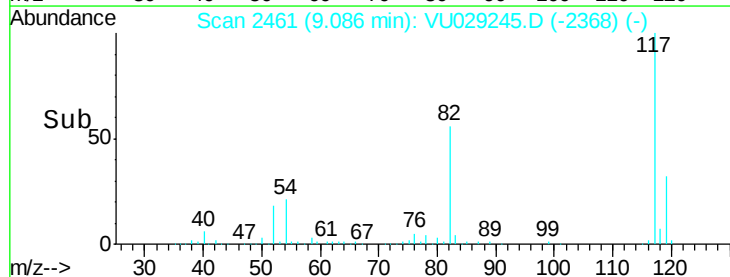
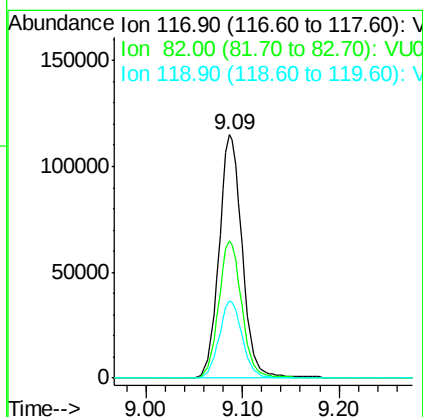
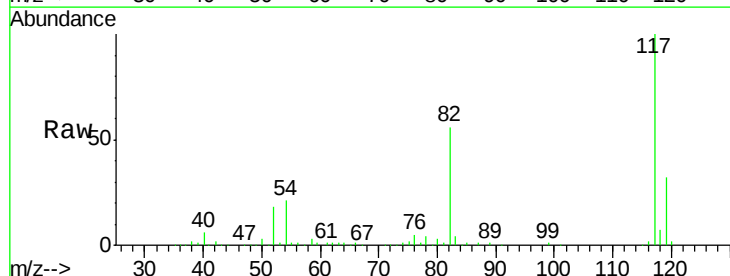
Instrument :
MSVOA_U
ClientSampleId :
PB116506ZHE#05

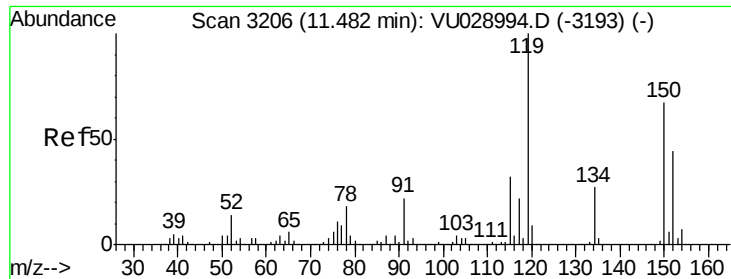
Tot Ion: 95 Resp: 82776
Ion Ratio Lower Upper
95 100
174 85.9 0.0 170.6
176 81.4 0.0 165.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2461
Delta R.T. 0.00 min
Lab File: VU029245.D
Acq: 21 Jan 2019 13:44

Tgt Ion: 117 Resp: 190726
Ion Ratio Lower Upper
117 100
82 56.4 43.9 65.9
119 31.5 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: VU029245.D

Acq: 21 Jan 2019 13:44

Instrument :

MSVOA_U

ClientSampleId :

PB116506ZHE#05

Tot Ion:152 Resp: 76286

Ion Ratio Lower Upper

152 100

115 58.3 40.1 120.3

150 155.7 0.0 345.2

