

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU012119\
 Data File : VU029237.D
 Acq On : 21 Jan 2019 10:32
 Operator : JC/SP
 Sample : PB116506TB
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB116506TB

Quant Time: Jan 22 01:28:45 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

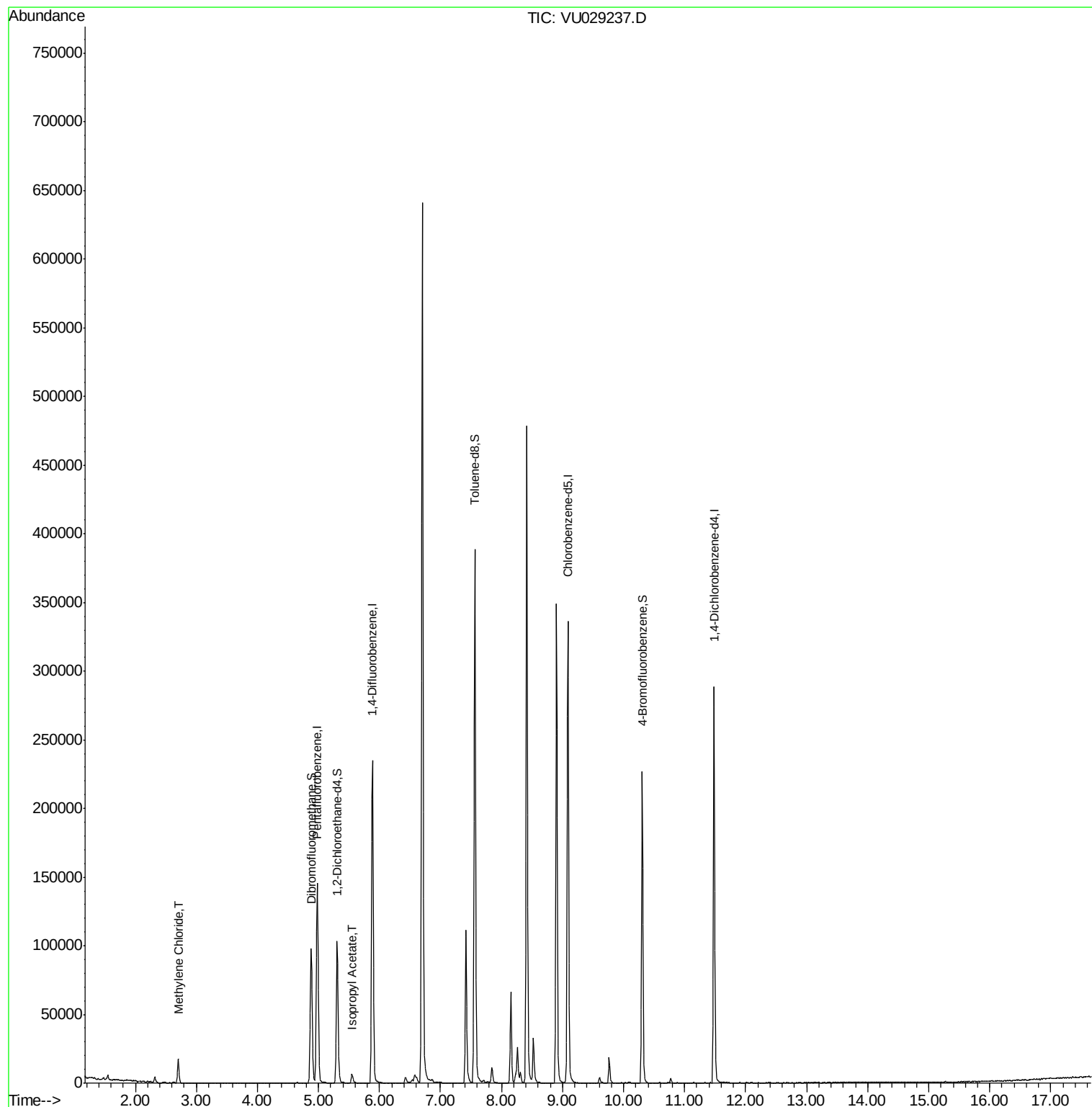
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	117852	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	206045	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	192408	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	78171	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	78730	54.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.08%	
35) Dibromofluoromethane	4.88	113	69291	51.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.76%	
50) Toluene-d8	7.56	98	268399	50.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.80%	
62) 4-Bromofluorobenzene	10.30	95	75674	39.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.86%	
Target Compounds						
20) Methylene Chloride	2.70	84	7930	5.089	ug/l	99
43) Isopropyl Acetate	5.55	43	8310	2.396	ug/l	93

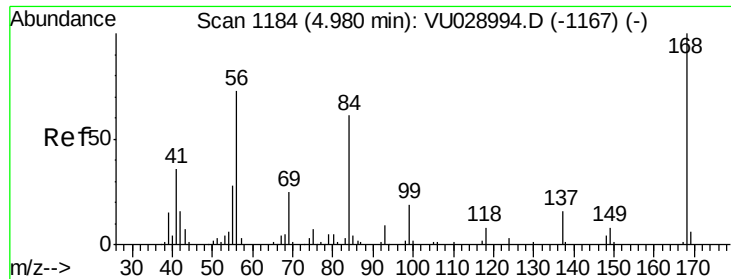
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU029237.D

Acq: 21 Jan 2019 10:32

Instrument :

MSVOA_U

ClientSampleId :

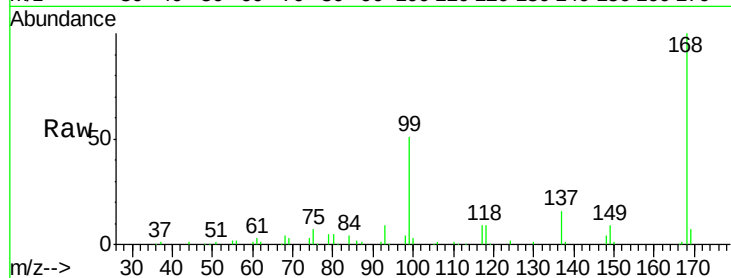
PB116506TB

Tot Ion:168 Resp: 117852

Ion Ratio Lower Upper

168 100

99 51.0 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

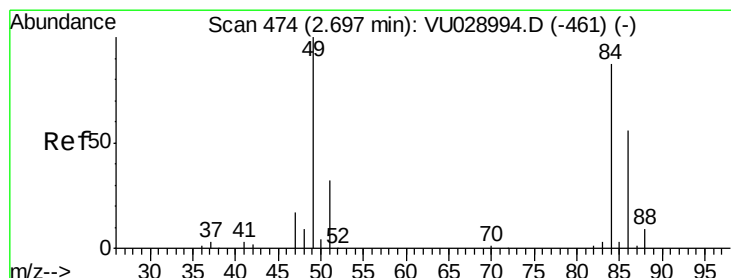
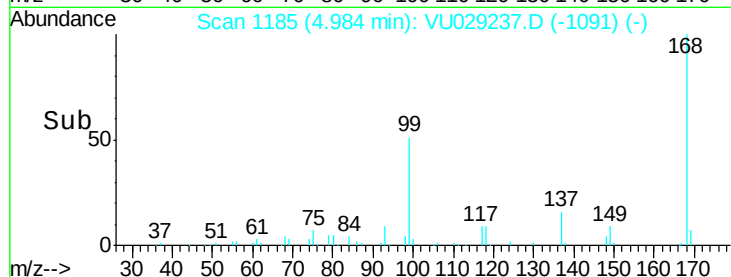
20000

10000

0

4.90 5.00 5.10

Time-->



#20

Methylene Chloride

Concen: 5.089 ug/l

RT: 2.70 min Scan# 476

Delta R.T. 0.01 min

Lab File: VU029237.D

Acq: 21 Jan 2019 10:32

Tgt Ion: 84 Resp: 7930

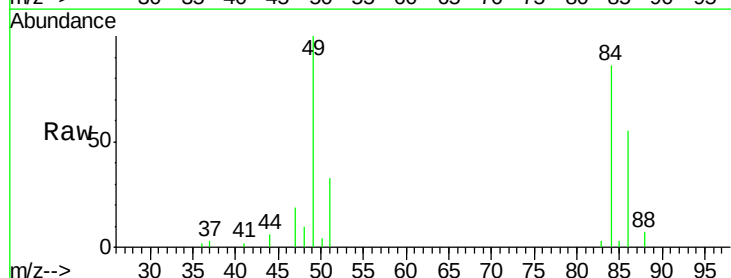
Ion Ratio Lower Upper

84 100

49 115.7 91.9 137.9

51 37.9 29.2 43.8

86 64.0 51.8 77.6



Abundance Ion 83.90 (83.60 to 84.60): VU028994.D (-461) (-)

Ion 48.90 (48.60 to 49.60): VU028994.D (-461) (-)

Ion 50.90 (50.60 to 51.60): VU028994.D (-461) (-)

Ion 85.90 (85.60 to 86.60): VU028994.D (-461) (-)

8000

6000

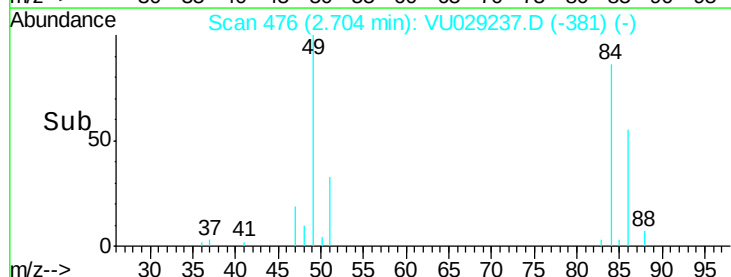
4000

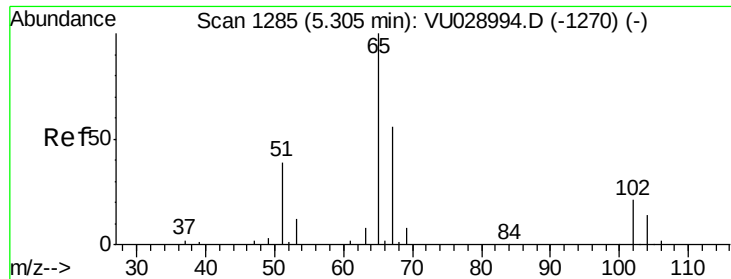
2000

0

2.65 2.70 2.75

Time-->

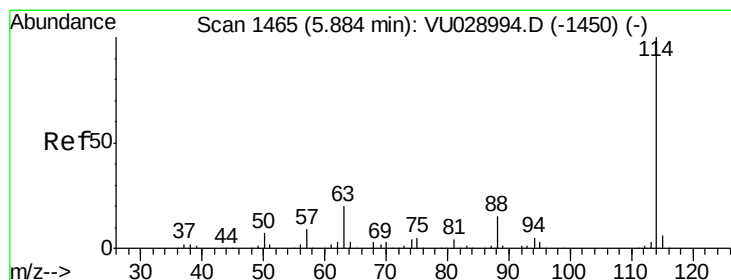
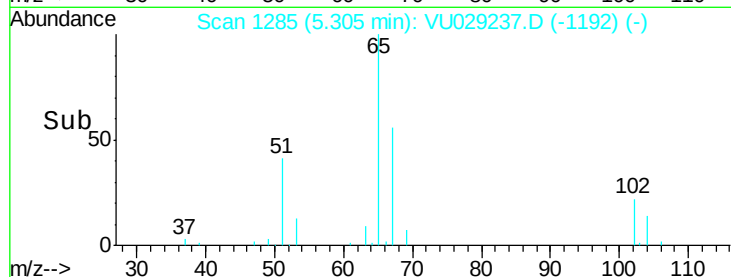
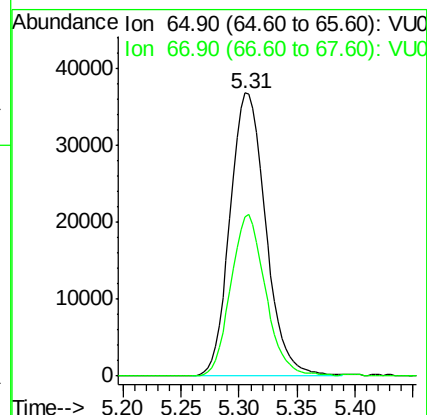
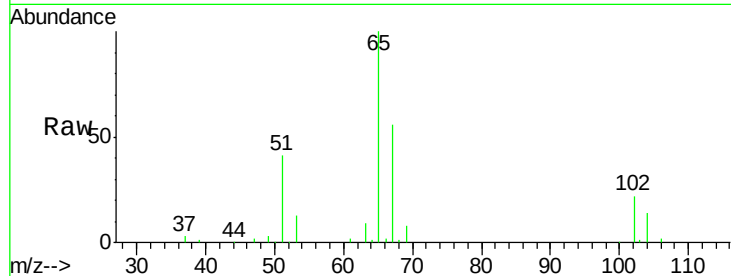




#33
 1,2-Dichloroethane-d4
 Concen: 54.040 ug/l
 RT: 5.31 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VU029237.D
 Acq: 21 Jan 2019 10:32

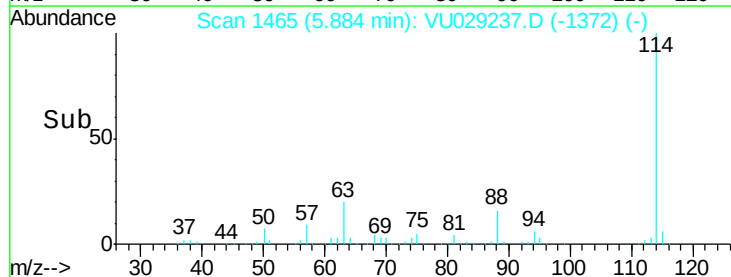
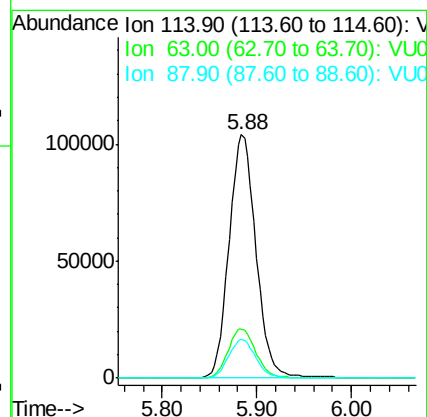
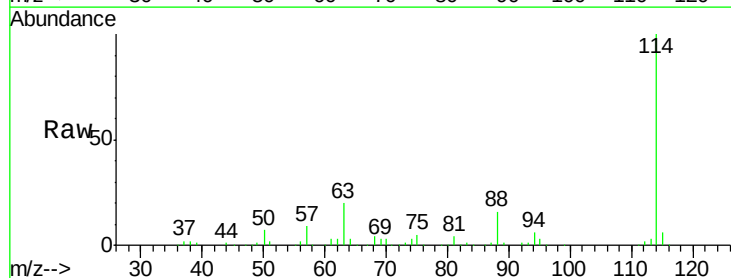
Instrument :
 MSVOA_U
 ClientSampleId :
 PB116506TB

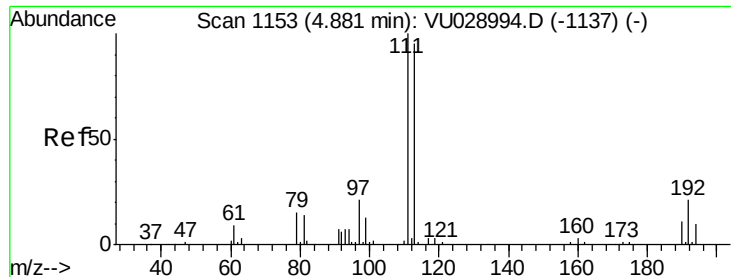
Tot Ion: 65 Resp: 78730
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: VU029237.D
 Acq: 21 Jan 2019 10:32

Tgt Ion: 114 Resp: 206045
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.2
 88 15.8 0.0 30.4

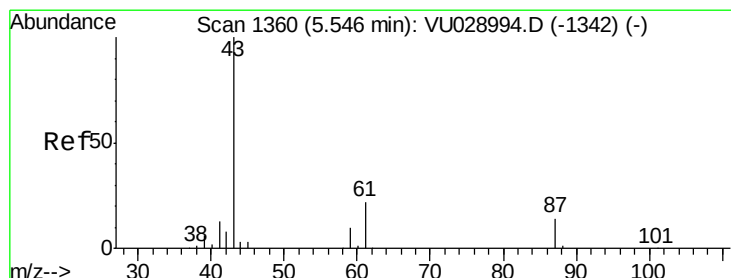
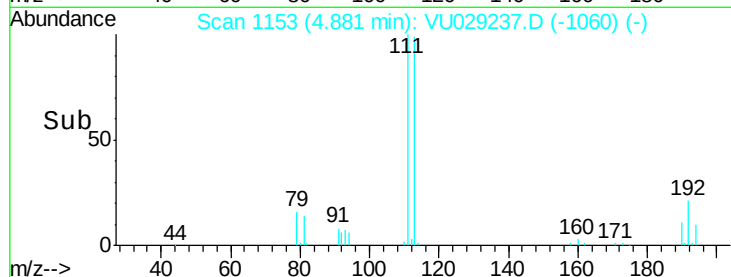
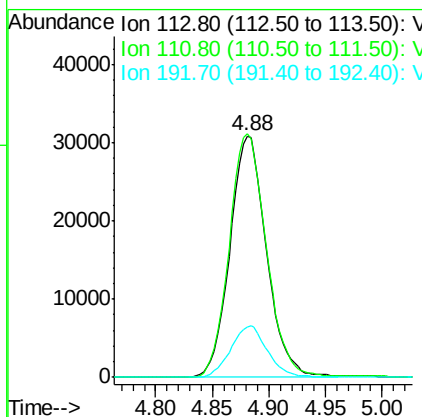
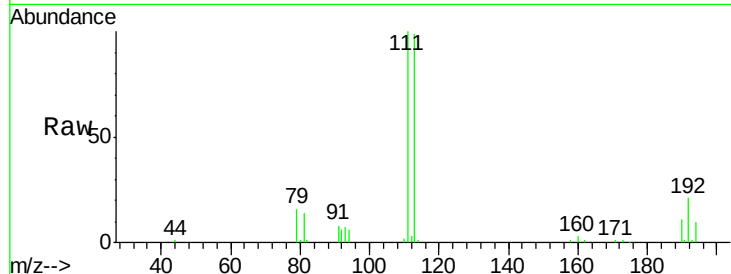




#35
 Dibromofluoromethane
 Concen: 51.878 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: VU029237.D
 Acq: 21 Jan 2019 10:32

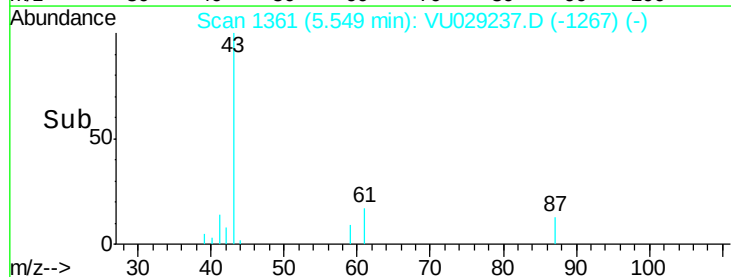
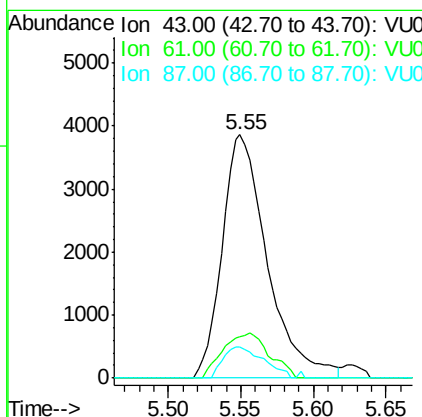
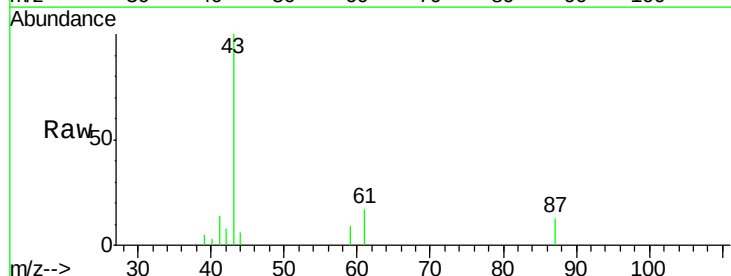
Instrument :
 MSVOA_U
 ClientSampleId :
 PB116506TB

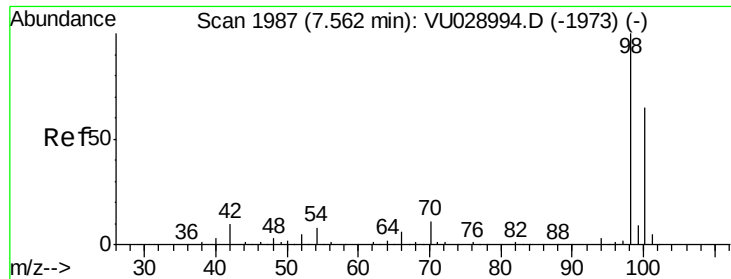
Tot Ion:113 Resp: 69291
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.4 122.2
 192 21.2 16.8 25.2



#43
 Isopropyl Acetate
 Concen: 2.396 ug/l
 RT: 5.55 min Scan# 1361
 Delta R.T. 0.00 min
 Lab File: VU029237.D
 Acq: 21 Jan 2019 10:32

Tgt Ion: 43 Resp: 8310
 Ion Ratio Lower Upper
 43 100
 61 19.0 17.8 26.6
 87 11.4 11.3 16.9

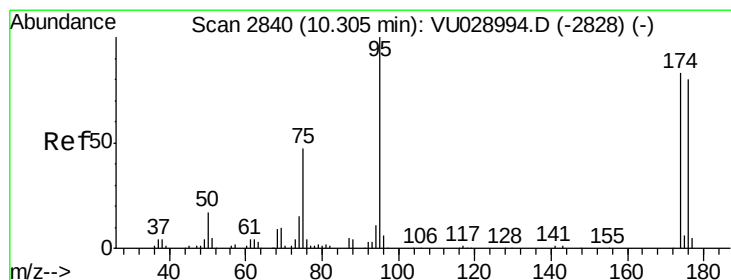
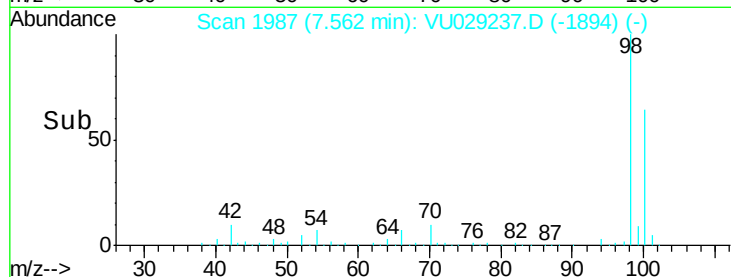
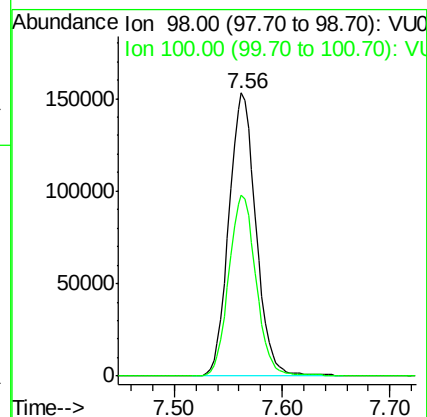
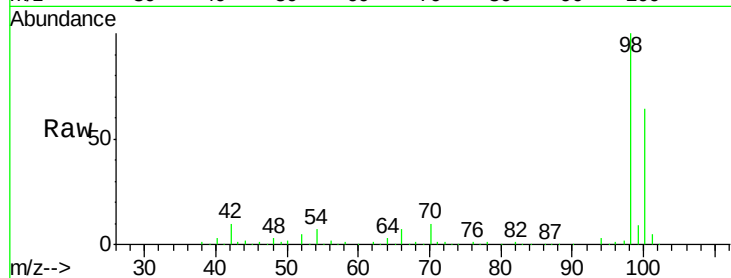




#50
Toluene-d8
Concen: 50.901 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VU029237.D
Acq: 21 Jan 2019 10:32

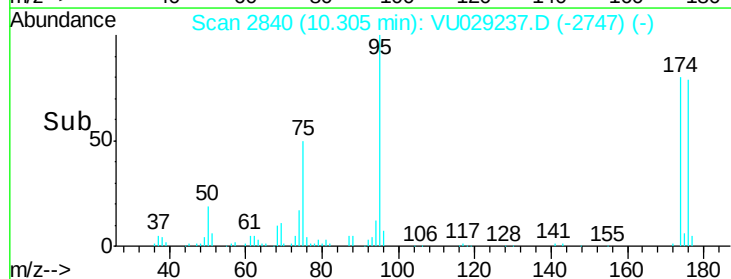
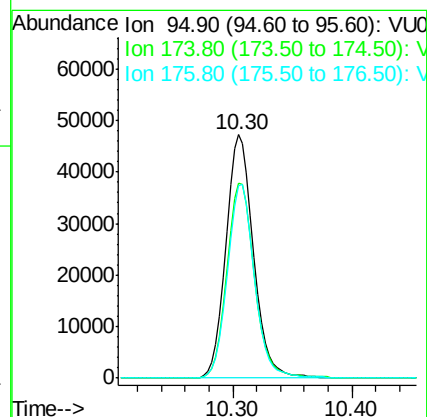
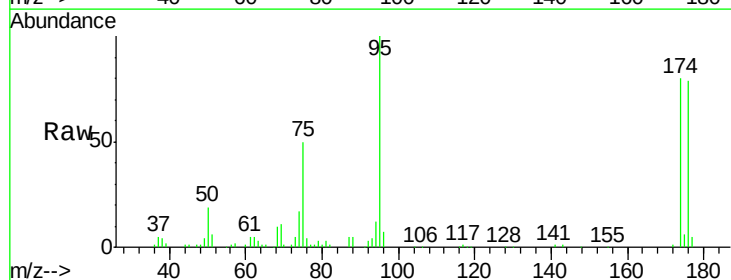
Instrument :
MSVOA_U
ClientSampleId :
PB116506TB

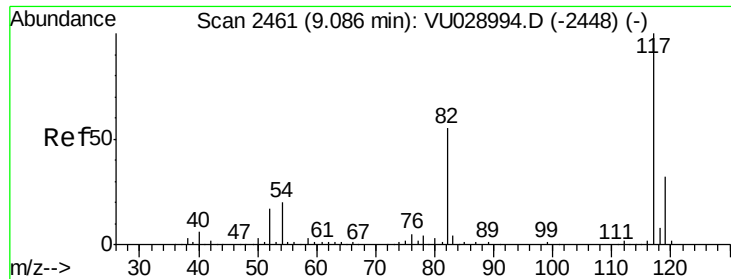
Tot Ion: 98 Resp: 268399
Ion Ratio Lower Upper
98 100
100 64.3 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 39.933 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VU029237.D
Acq: 21 Jan 2019 10:32

Tgt Ion: 95 Resp: 75674
Ion Ratio Lower Upper
95 100
174 80.6 0.0 170.6
176 78.2 0.0 165.0

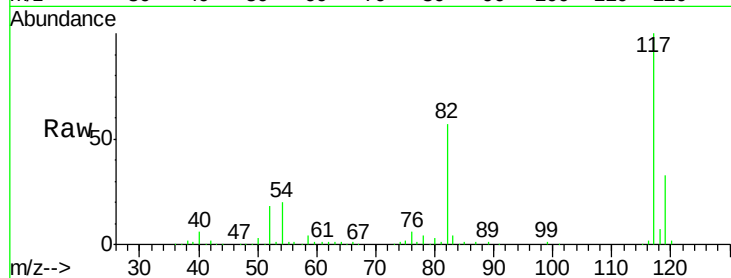




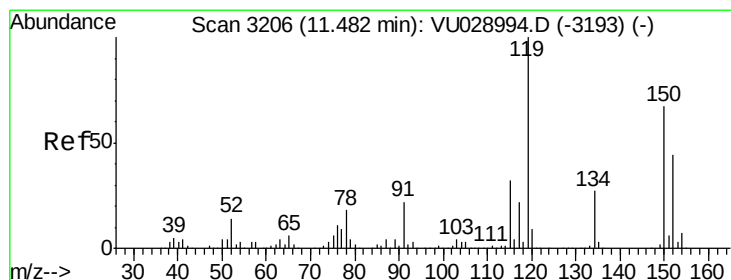
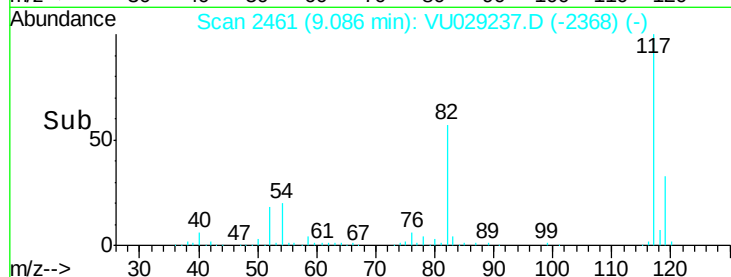
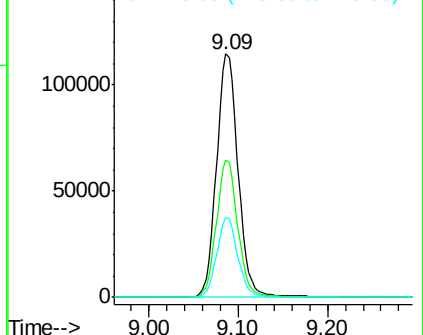
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2461
Delta R.T. 0.00 min
Lab File: VU029237.D
Acq: 21 Jan 2019 10:32

Instrument :
MSVOA_U
ClientSampleId :
PB116506TB

Tot Ion:117 Resp: 192408
Ion Ratio Lower Upper
117 100
82 56.7 43.9 65.9
119 32.8 26.0 39.0

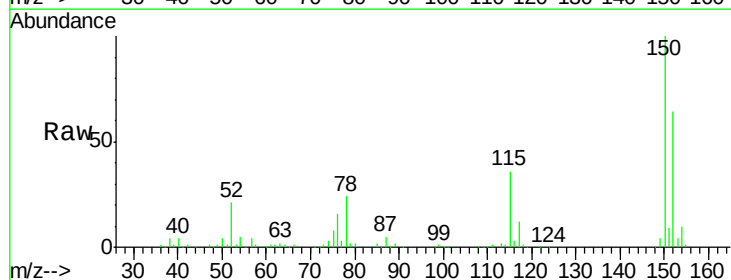


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. 0.00 min
Lab File: VU029237.D
Acq: 21 Jan 2019 10:32

Tgt Ion:152 Resp: 78171
Ion Ratio Lower Upper
152 100
115 56.5 40.1 120.3
150 156.4 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

