

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU012119\
 Data File : VU029248.D
 Acq On : 21 Jan 2019 14:56
 Operator : JC/SP
 Sample : PB116506ZHE#08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB116506ZHE#08

Quant Time: Jan 22 02:36:54 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

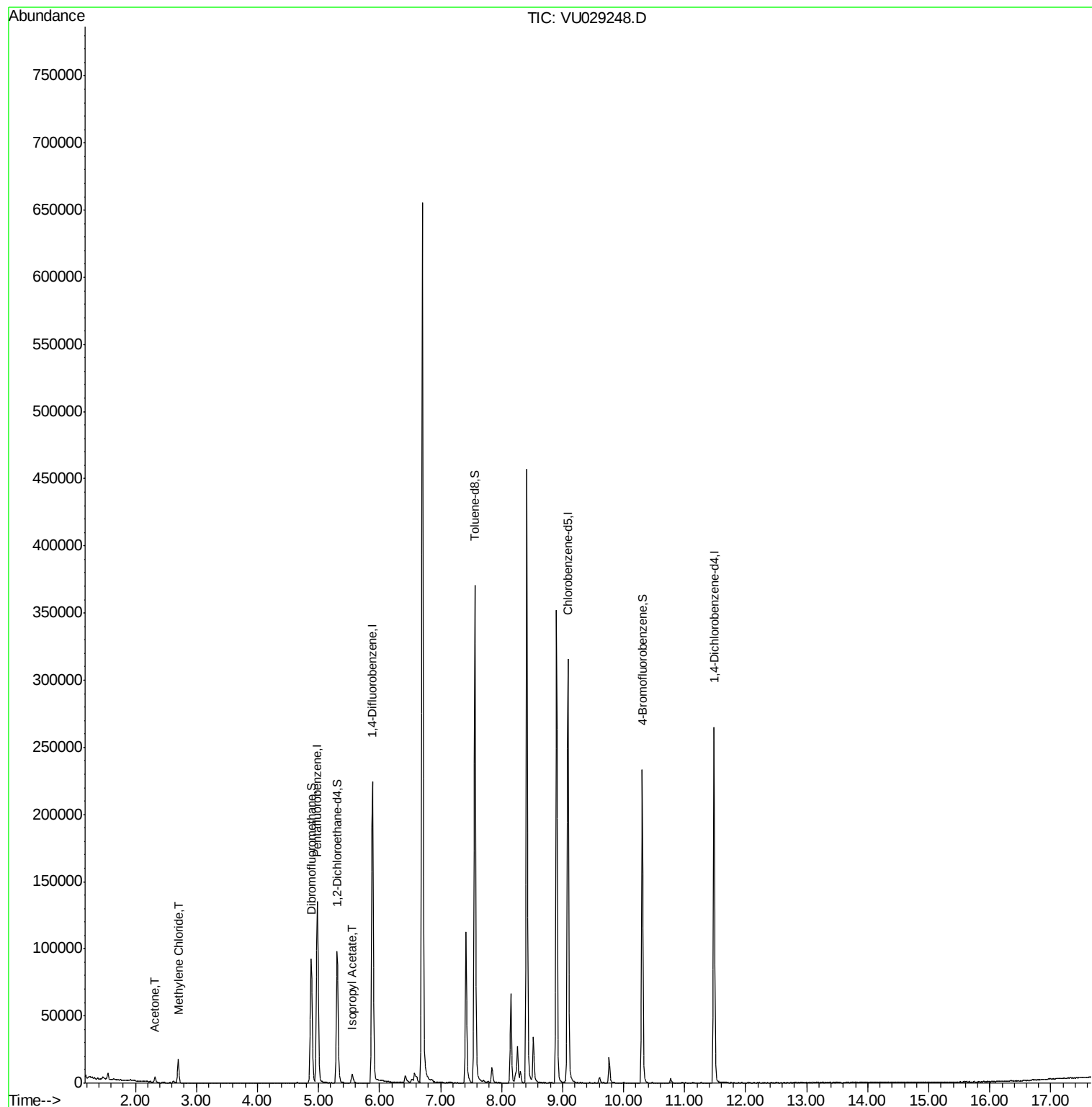
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	110181	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	196445	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	181066	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	72147	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	75444	55.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.78%	
35) Dibromofluoromethane	4.88	113	65908	51.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.52%	
50) Toluene-d8	7.56	98	253523	50.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.86%	
62) 4-Bromofluorobenzene	10.30	95	78166	43.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.52%	
Target Compounds						
16) Acetone	2.32	43	4759	5.546	ug/l	96
20) Methylene Chloride	2.70	84	7676	5.269	ug/l	97
43) Isopropyl Acetate	5.55	43	8231	2.490	ug/l	97

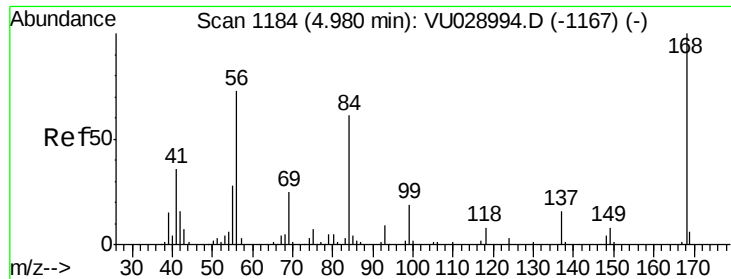
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU029248.D

Acq: 21 Jan 2019 14:56

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MSVOA_U

ClientSampleId :

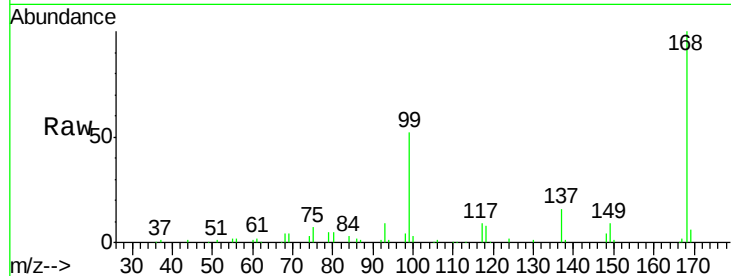
PB116506ZHE#08

Tot Ion:168 Resp: 110181

Ion Ratio Lower Upper

168 100

99 52.5 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

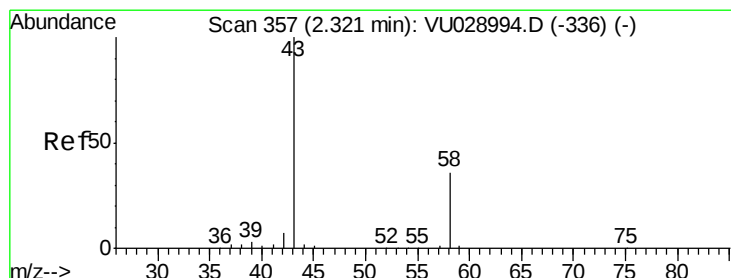
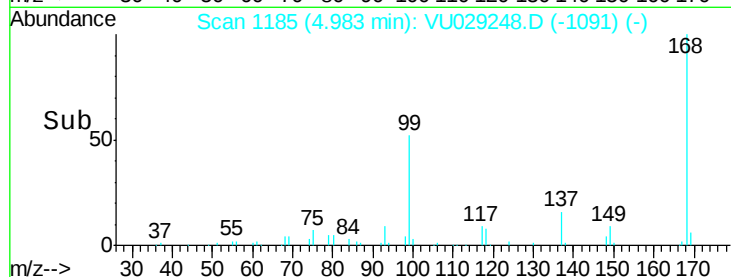
0

4.90

5.00

5.10

Time-->



#16

Acetone

Concen: 5.546 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU029248.D

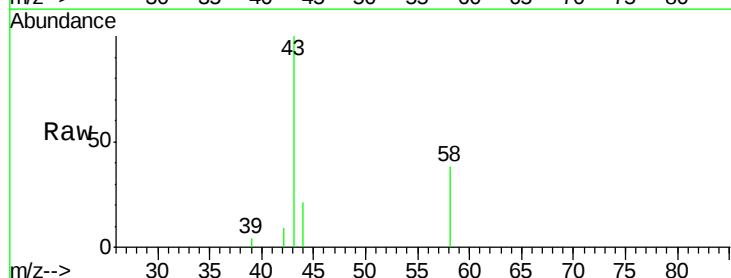
Acq: 21 Jan 2019 14:56

Tgt Ion: 43 Resp: 4759

Ion Ratio Lower Upper

43 100

58 38.3 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

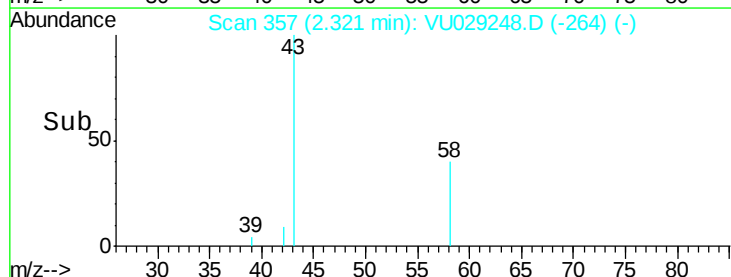
2.25

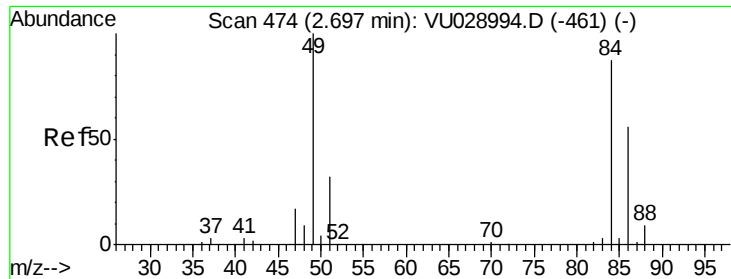
2.30

2.35

2.40

Time-->

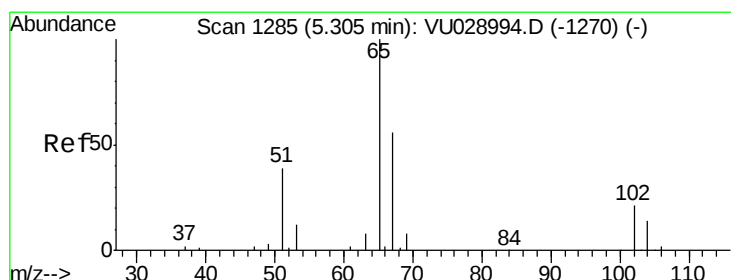
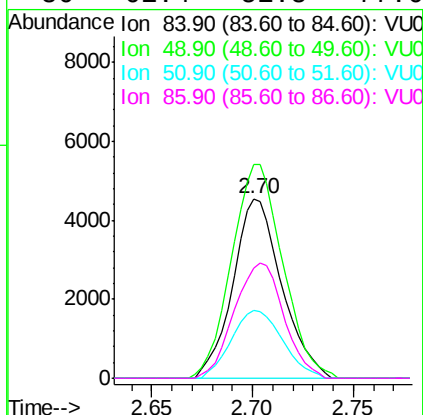
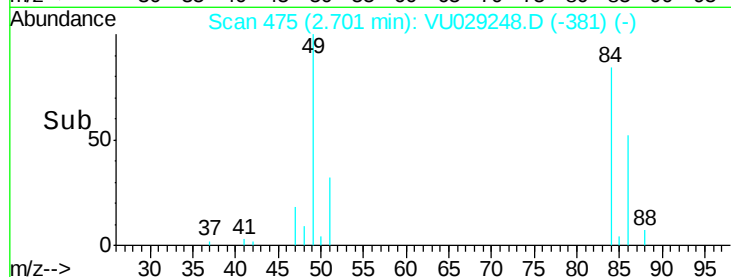
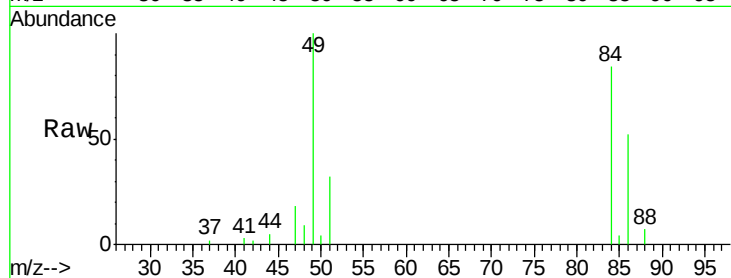




#20
Methvlene Chloride
Concen: 5.269 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU029248.D
Acq: 21 Jan 2019 14:56

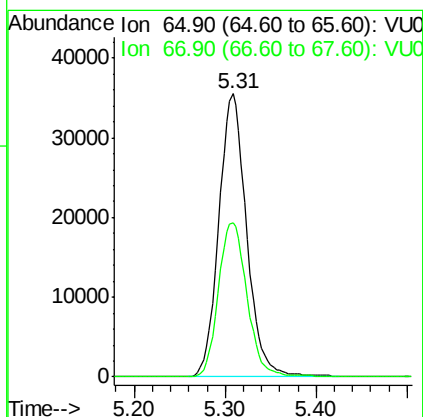
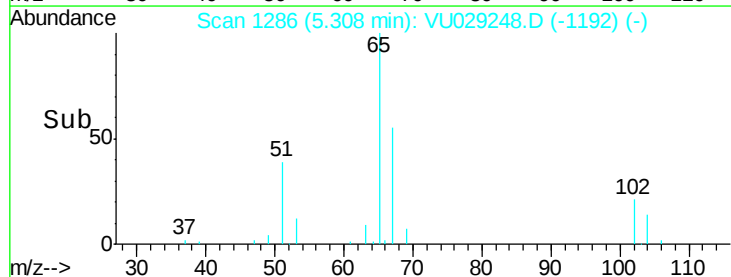
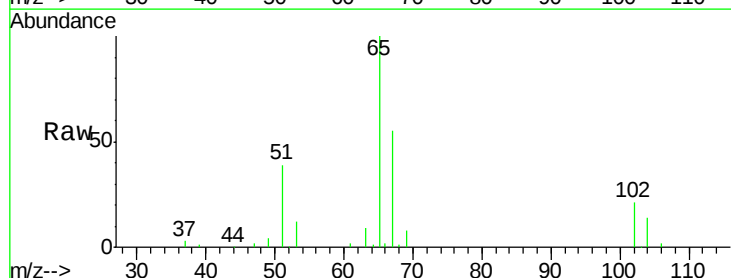
Instrument :
MSVOA_U
ClientSampleId :
PB116506ZHE#08

Tot Ion:	84	Resp:	7676
Ion	Ratio	Lower	Upper
84	100		
49	118.7	91.9	137.9
51	37.4	29.2	43.8
86	61.4	51.8	77.6



#33
1,2-Dichloroethane-d4
Concen: 55.390 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. 0.00 min
Lab File: VU029248.D
Acq: 21 Jan 2019 14:56

Tgt Ion:	65	Resp:	75444
Ion	Ratio	Lower	Upper
65	100		
67	55.8	0.0	111.0

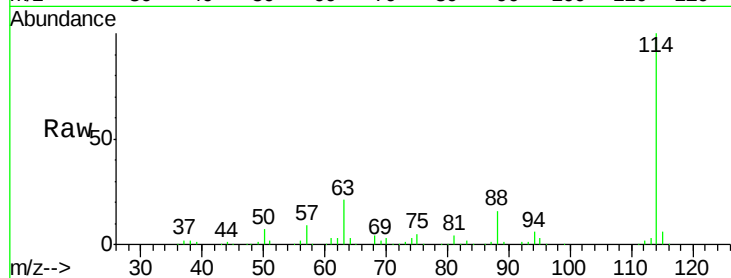




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: VU029248.D
 Acq: 21 Jan 2019 14:56

Instrument :
 MSVOA_U
 ClientSampleId :
 PB116506ZHE#08

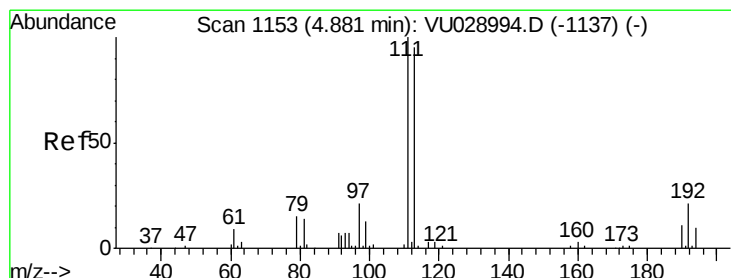
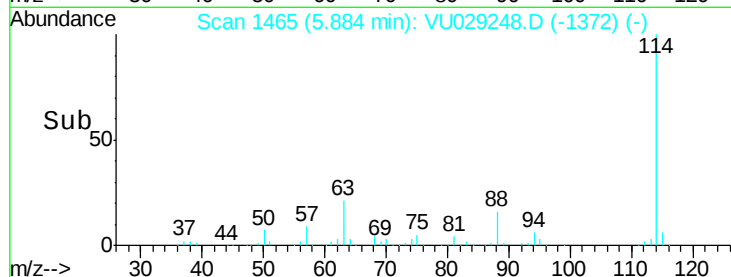
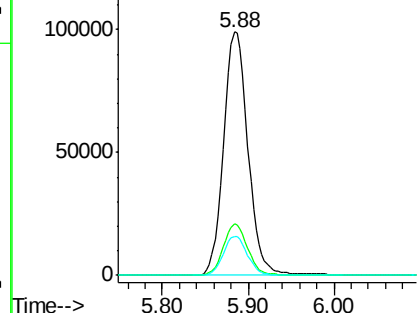
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	40.2
88	15.9	0.0	30.4



Abundance Ion 113.90 (113.60 to 114.60): V

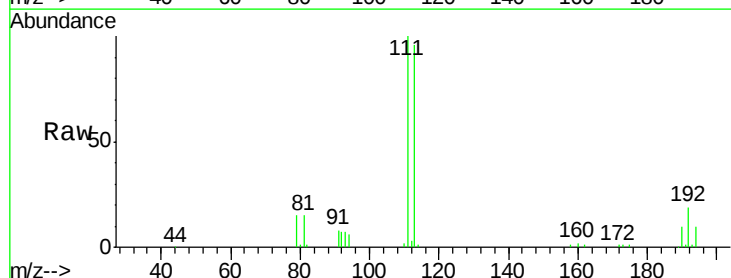
Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0



#35
 Dibromofluoromethane
 Concen: 51.757 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: VU029248.D
 Acq: 21 Jan 2019 14:56

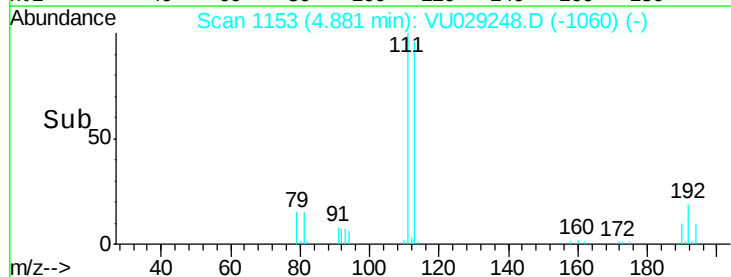
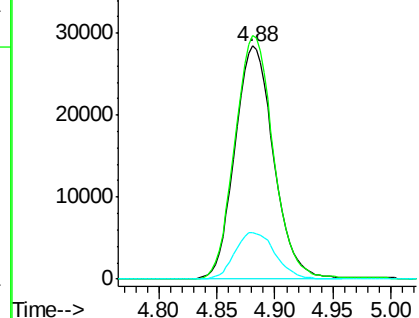
Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.0	81.4	122.2
192	20.7	16.8	25.2

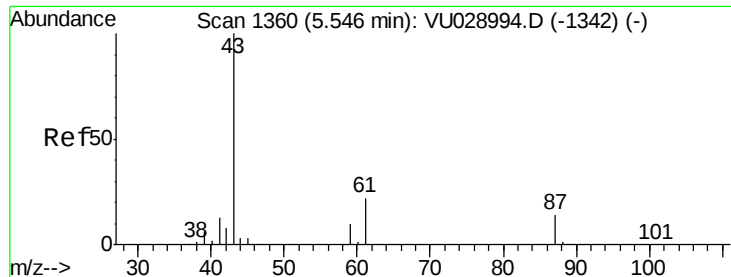


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.490 ug/l

RT: 5.55 min Scan# 1361

Delta R.T. 0.00 min

Lab File: VU029248.D

Acq: 21 Jan 2019 14:56

Instrument :

MSVOA_U

ClientSampleId :

PB116506ZHE#08

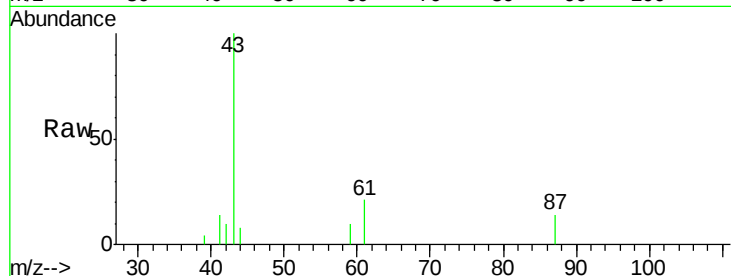
Tot Ion: 43 Resp: 8231

Ion Ratio Lower Upper

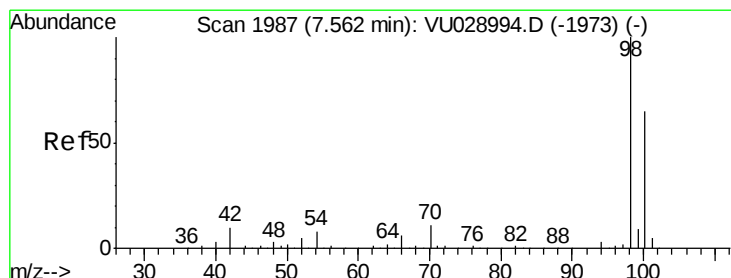
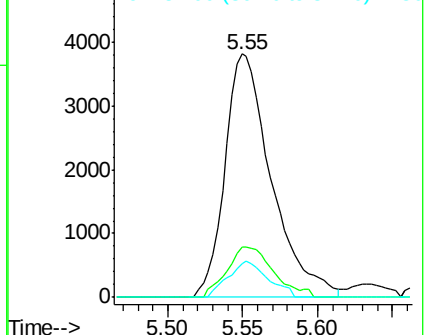
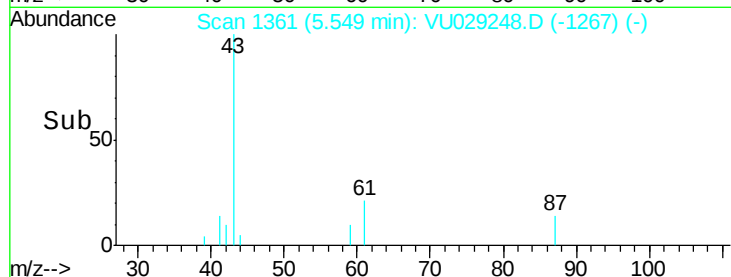
43 100

61 20.6 17.8 26.6

87 12.7 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VU029248.D (-1267) (-)



#50

Toluene-d8

Concen: 50.429 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VU029248.D

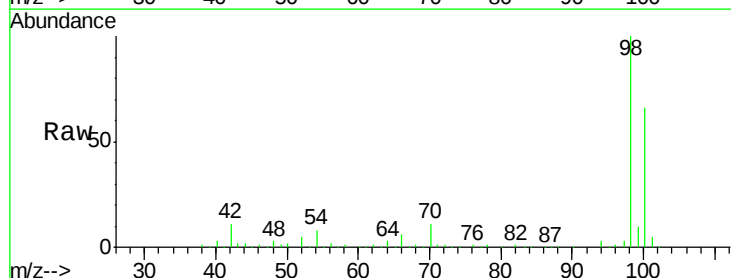
Acq: 21 Jan 2019 14:56

Tgt Ion: 98 Resp: 253523

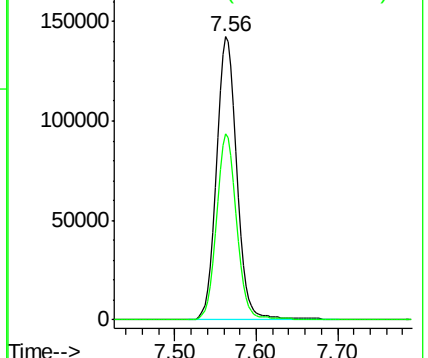
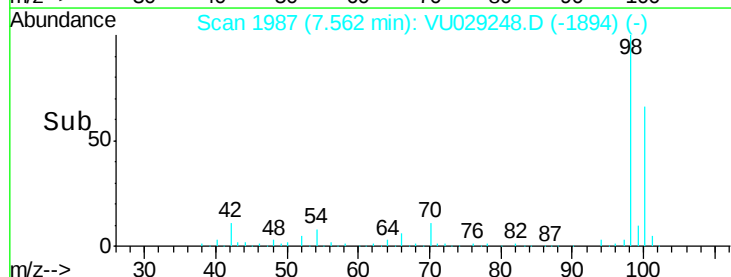
Ion Ratio Lower Upper

98 100

100 64.6 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VU029248.D (-1894) (-)

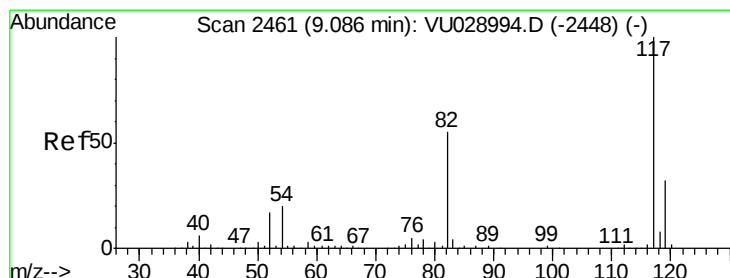
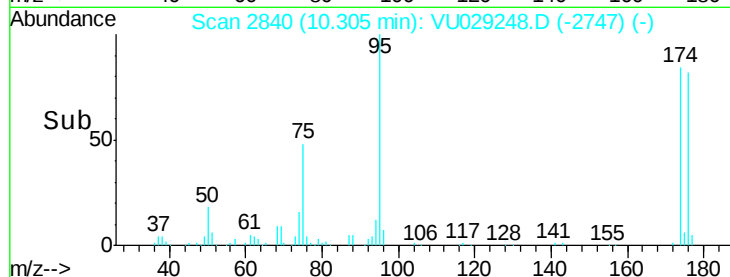
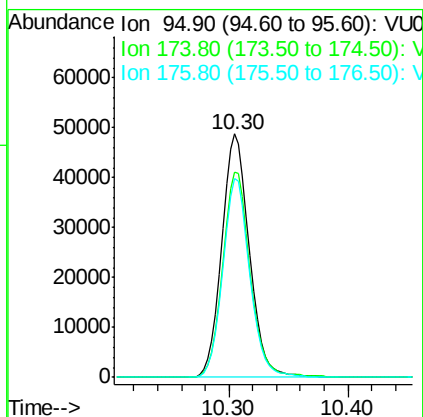
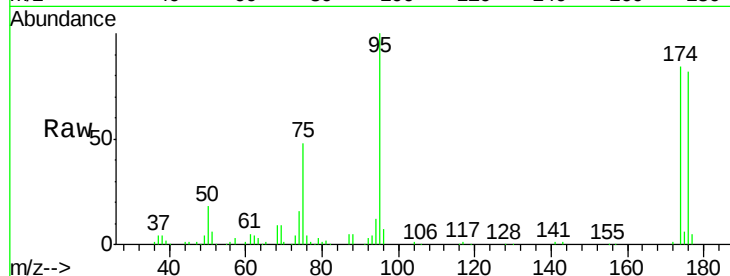




#62
 4-Bromofluorobenzene
 Concen: 43.264 ug/l
 RT: 10.30 min Scan# 2840
 Delta R.T. 0.00 min
 Lab File: VU029248.D
 Acq: 21 Jan 2019 14:56

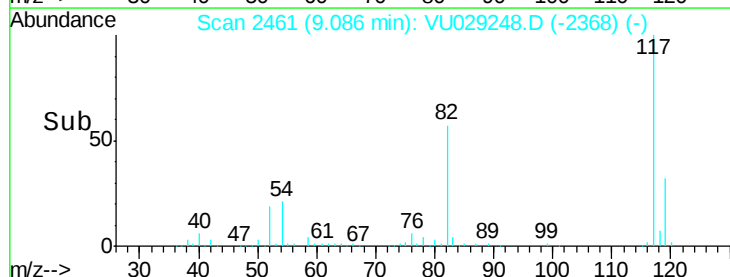
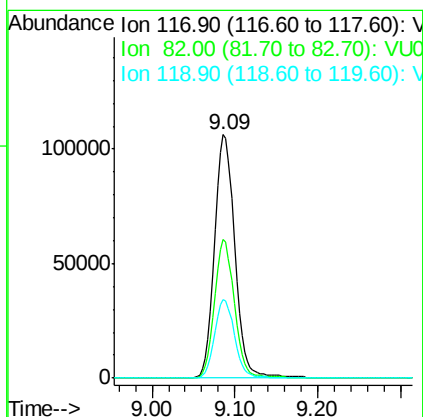
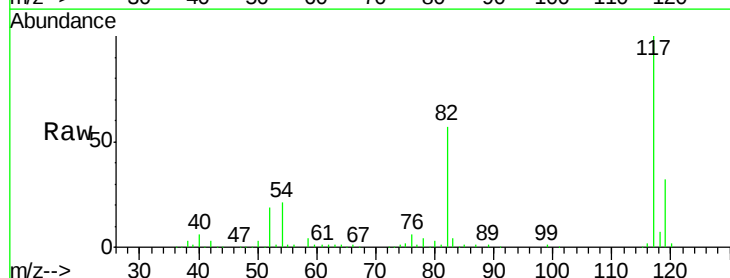
Instrument :
 MSVOA_U
 ClientSampleId :
 PB116506ZHE#08

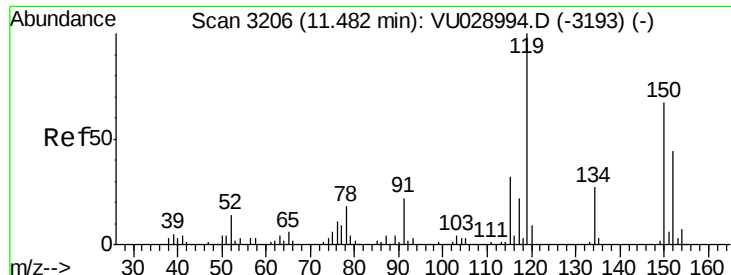
Tot Ion: 95 Resp: 78166
 Ion Ratio Lower Upper
 95 100
 174 84.3 0.0 170.6
 176 80.2 0.0 165.0



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.09 min Scan# 2461
 Delta R.T. 0.00 min
 Lab File: VU029248.D
 Acq: 21 Jan 2019 14:56

Tgt Ion: 117 Resp: 181066
 Ion Ratio Lower Upper
 117 100
 82 57.0 43.9 65.9
 119 32.4 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: VU029248.D

Acq: 21 Jan 2019 14:56

Instrument :

MSVOA_U

ClientSampleId :

PB116506ZHE#08

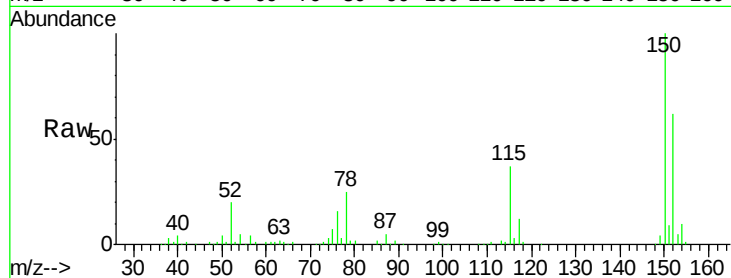
Tot Ion:152 Resp: 72147

Ion Ratio Lower Upper

152 100

115 59.0 40.1 120.3

150 161.6 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

