

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU012119\
 Data File : VU029242.D
 Acq On : 21 Jan 2019 12:32
 Operator : JC/SP
 Sample : PB116506ZHE#03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB116506ZHE#03

Quant Time: Jan 22 01:45:56 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

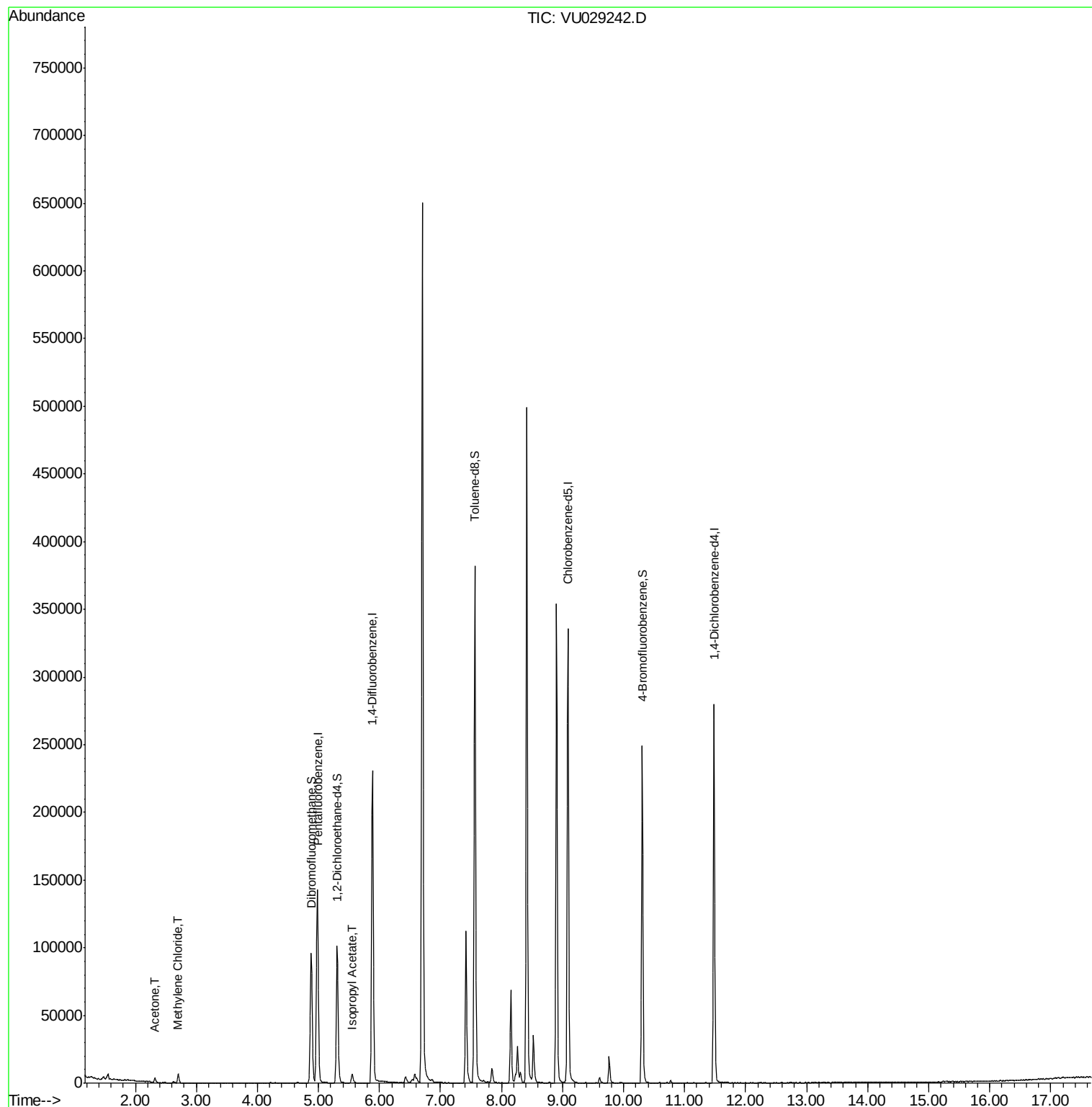
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	114698	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	202278	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	191651	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	77099	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	77547	54.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.38%	
35) Dibromofluoromethane	4.88	113	68869	52.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.04%	
50) Toluene-d8	7.56	98	264251	51.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.10%	
62) 4-Bromofluorobenzene	10.30	95	84385	45.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.72%	
Target Compounds						
16) Acetone	2.32	43	4471	5.006	ug/l #	85
20) Methylene Chloride	2.70	84	2970	1.958	ug/l	91
43) Isopropyl Acetate	5.55	43	8510	2.500	ug/l	94

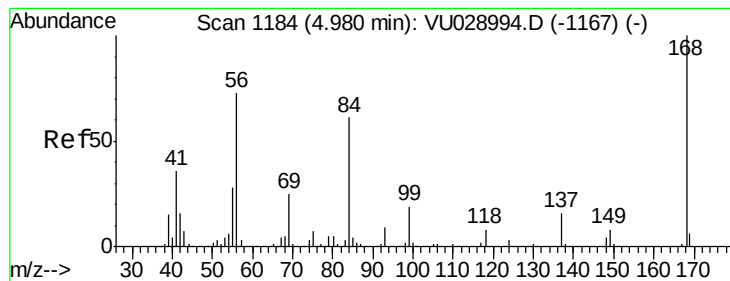
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jan 12 01:33:59 2019
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: VU029242.D

Acq: 21 Jan 2019 12:32

Instrument :

MSVOA_U

ClientSampleId :

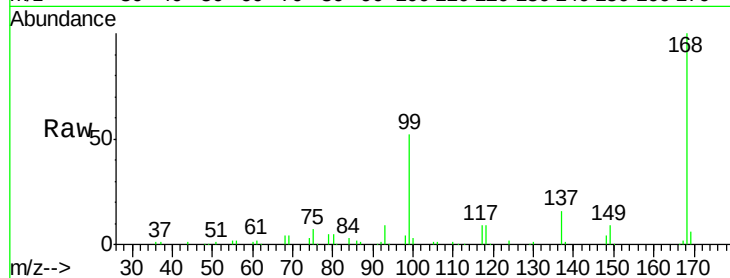
PB116506ZHE#03

Tot Ion:168 Resp: 114698

Ion Ratio Lower Upper

168 100

99 52.4 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

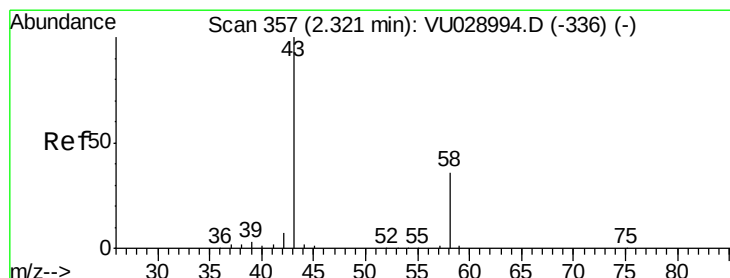
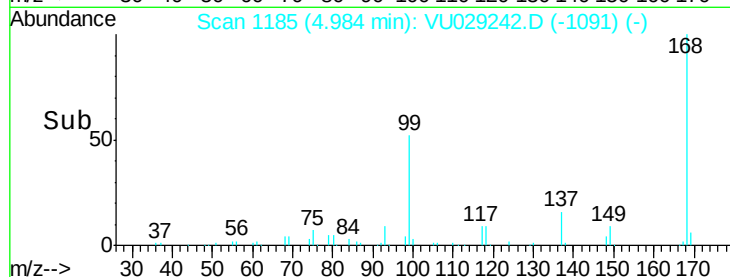
20000

10000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#16

Acetone

Concen: 5.006 ug/l

RT: 2.32 min Scan# 356

Delta R.T. -0.00 min

Lab File: VU029242.D

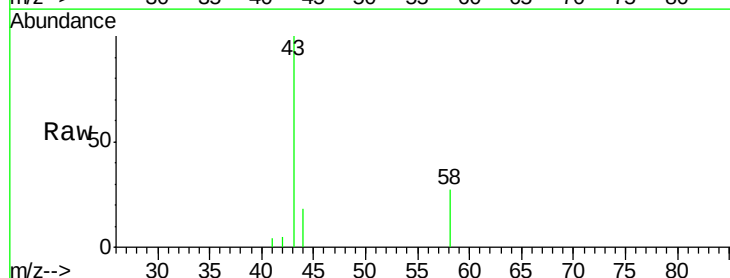
Acq: 21 Jan 2019 12:32

Tgt Ion: 43 Resp: 4471

Ion Ratio Lower Upper

43 100

58 27.1 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

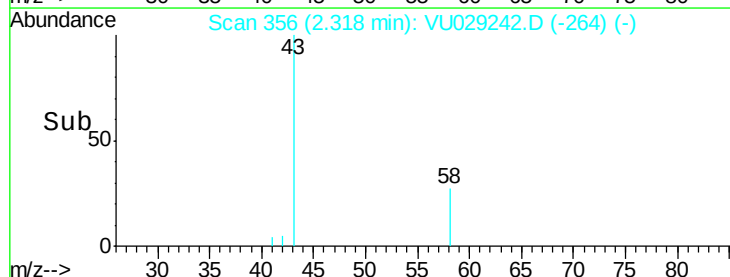
1000

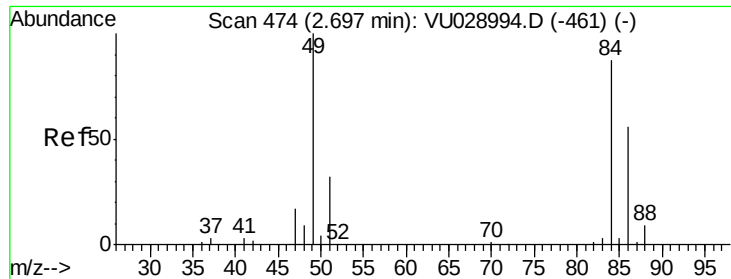
500

0

2.25 2.30 2.35

Time-->

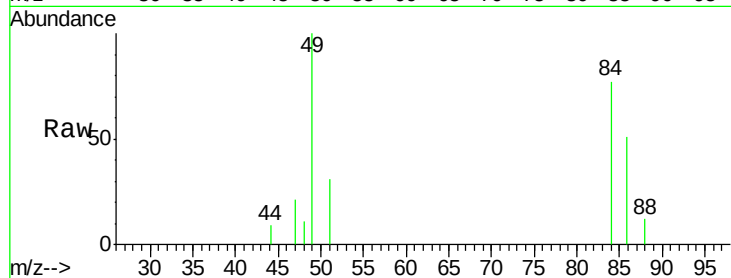




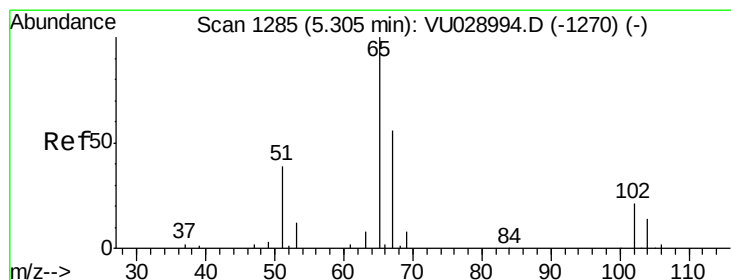
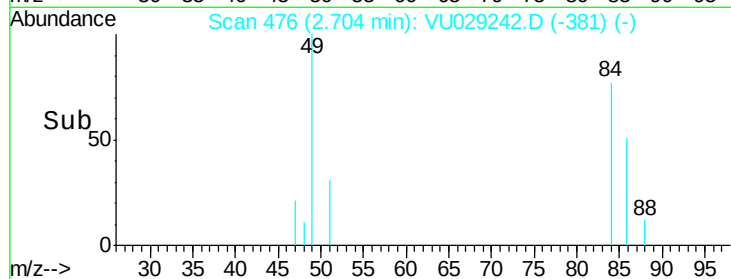
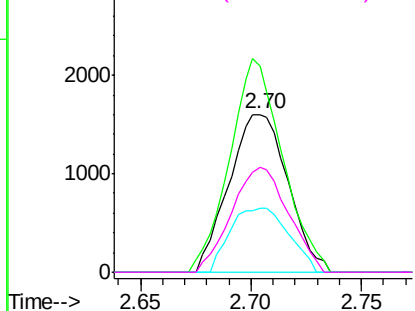
#20
Methylene Chloride
Concen: 1.958 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.01 min
Lab File: VU029242.D
Acq: 21 Jan 2019 12:32

Instrument :
MSVOA_U
ClientSampleId :
PB116506ZHE#03

Tot Ion:	84	Resp:	2970
Ion	Ratio	Lower	Upper
84	100		
49	130.6	91.9	137.9
51	40.6	29.2	43.8
86	66.2	51.8	77.6

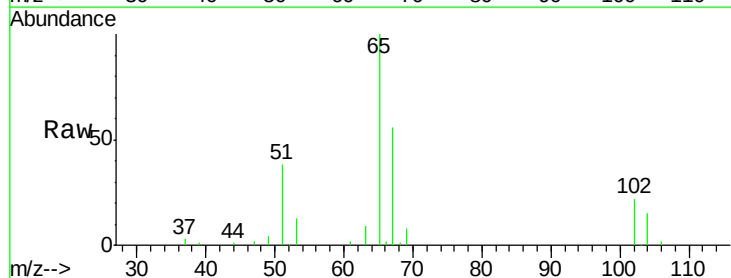


Abundance Ion 83.90 (83.60 to 84.60): VU0
Ion 48.90 (48.60 to 49.60): VU0
Ion 50.90 (50.60 to 51.60): VU0
Ion 85.90 (85.60 to 86.60): VU0

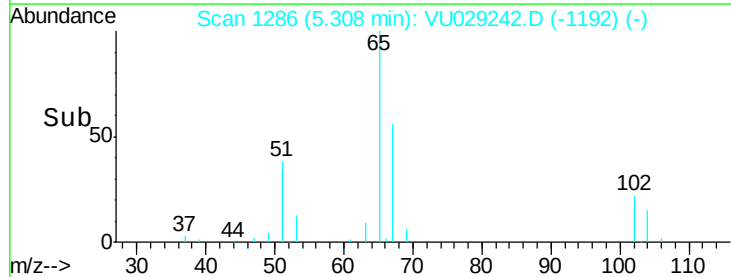
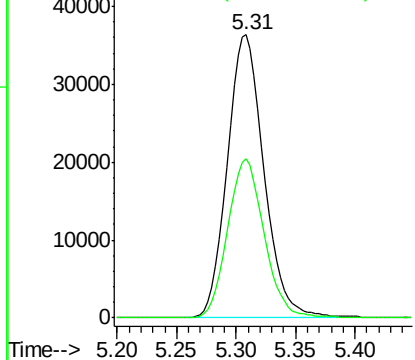


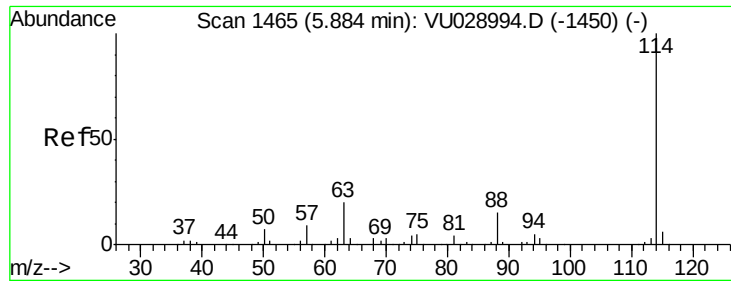
#33
1,2-Dichloroethane-d4
Concen: 54.692 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. 0.00 min
Lab File: VU029242.D
Acq: 21 Jan 2019 12:32

Tgt Ion:	65	Resp:	77547
Ion	Ratio	Lower	Upper
65	100		
67	56.0	0.0	111.0



Abundance Ion 64.90 (64.60 to 65.60): VU0
Ion 66.90 (66.60 to 67.60): VU0

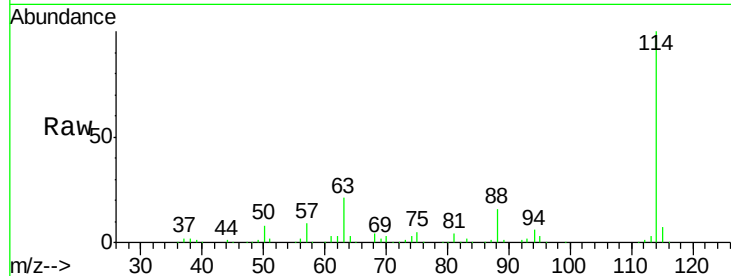




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: VU029242.D
 Acq: 21 Jan 2019 12:32

Instrument :
 MSVOA_U
 ClientSampleId :
 PB116506ZHE#03

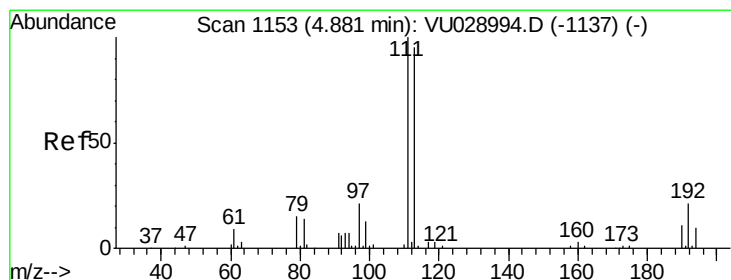
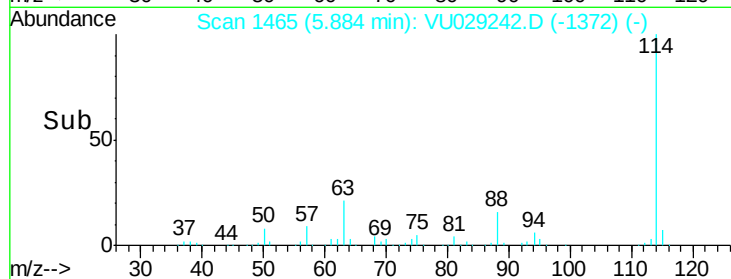
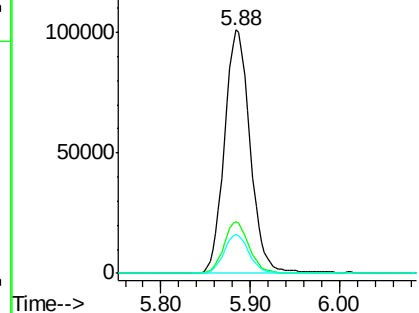
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	40.2
88	15.9	0.0	30.4



Abundance Ion 113.90 (113.60 to 114.60): V

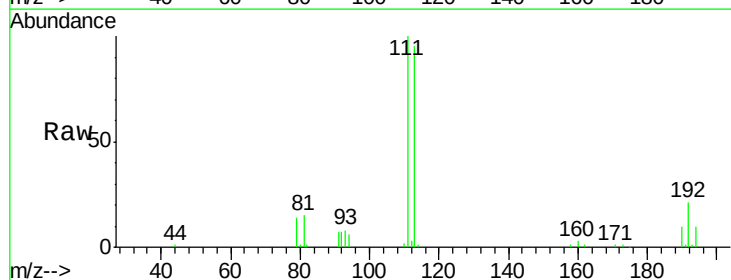
Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0



#35
 Dibromofluoromethane
 Concen: 52.523 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: VU029242.D
 Acq: 21 Jan 2019 12:32

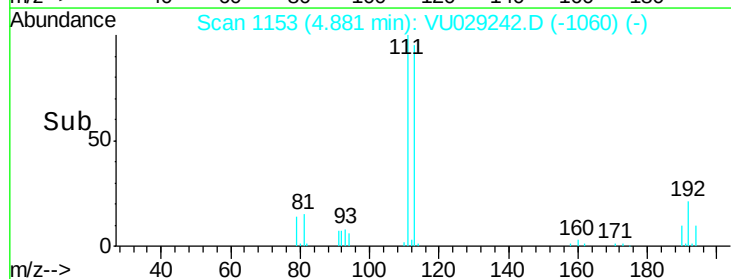
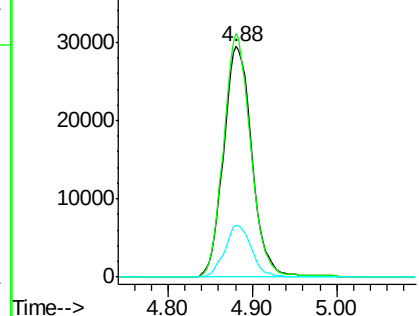
Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.8	81.4	122.2
192	21.3	16.8	25.2

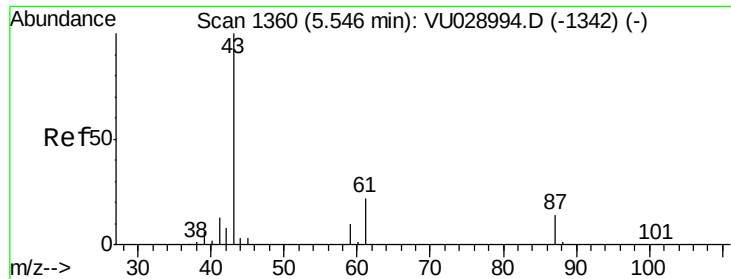


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.500 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.01 min

Lab File: VU029242.D

Acq: 21 Jan 2019 12:32

Instrument :

MSVOA_U

ClientSampleId :

PB116506ZHE#03

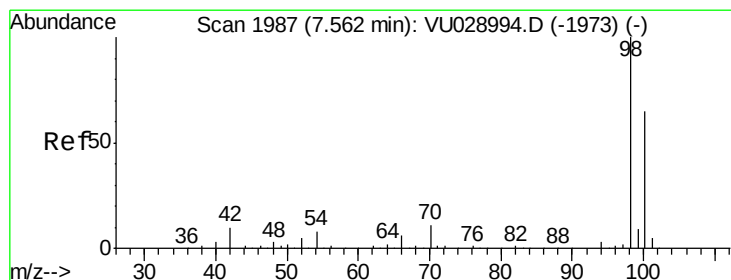
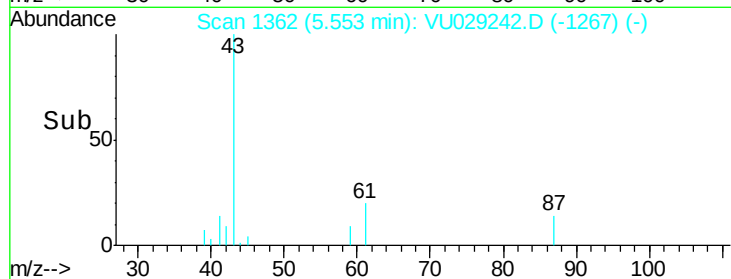
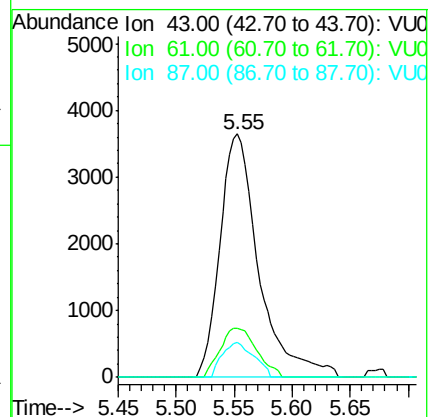
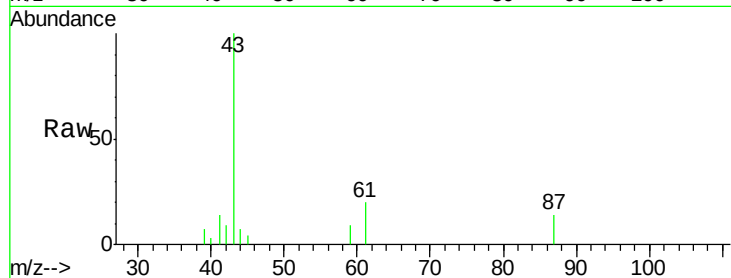
Tot Ion: 43 Resp: 8510

Ion Ratio Lower Upper

43 100

61 19.0 17.8 26.6

87 11.6 11.3 16.9



#50

Toluene-d8

Concen: 51.048 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VU029242.D

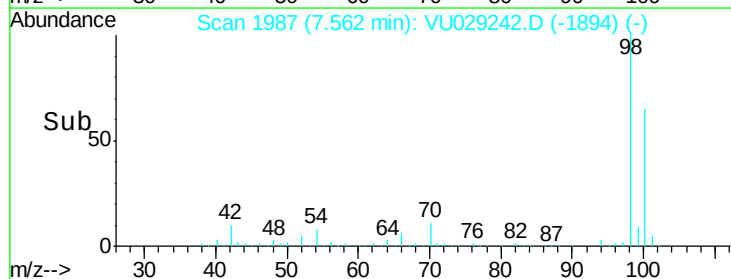
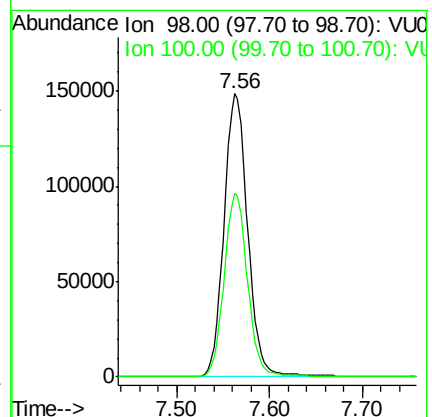
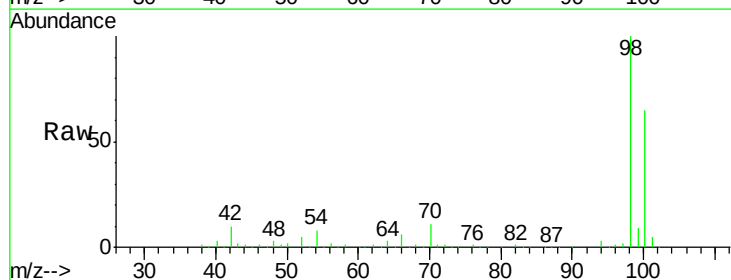
Acq: 21 Jan 2019 12:32

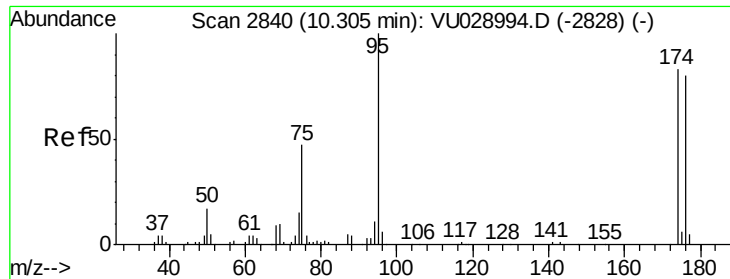
Tgt Ion: 98 Resp: 264251

Ion Ratio Lower Upper

98 100

100 64.1 51.6 77.4





#62

4-Bromofluorobenzene

Concen: 45.360 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VU029242.D

Acq: 21 Jan 2019 12:32

Instrument :

MSVOA_U

ClientSampleId :

PB116506ZHE#03

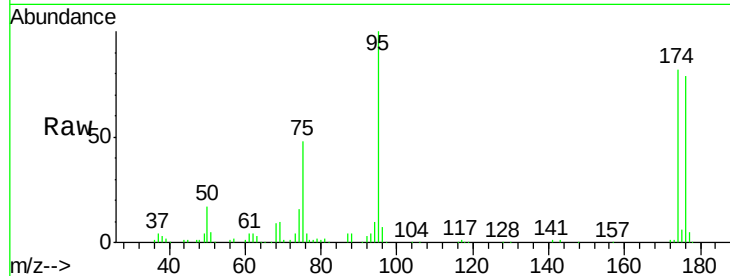
Tot Ion: 95 Resp: 84385

Ion Ratio Lower Upper

95 100

174 83.7 0.0 170.6

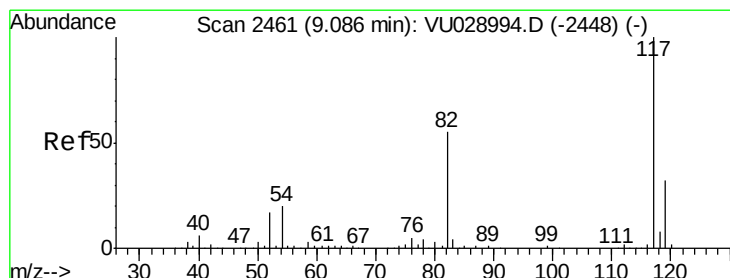
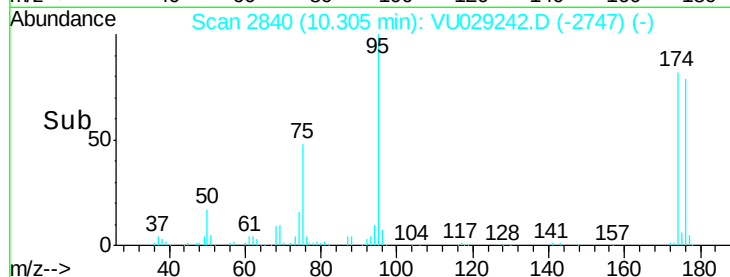
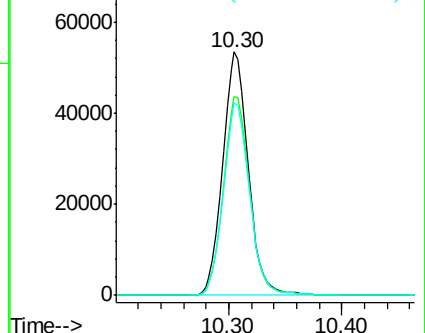
176 80.6 0.0 165.0



Abundance Ion 94.90 (94.60 to 95.60): VU028994.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU028994.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU028994.D (-2828) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2461

Delta R.T. 0.00 min

Lab File: VU029242.D

Acq: 21 Jan 2019 12:32

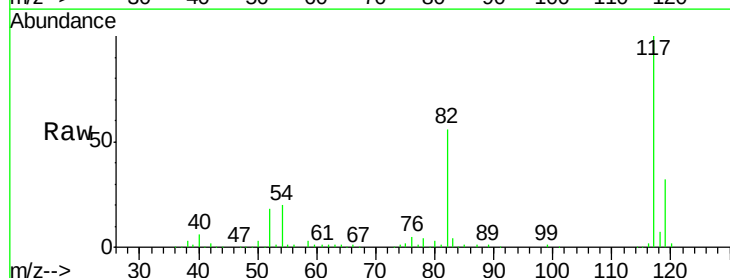
Tgt Ion: 117 Resp: 191651

Ion Ratio Lower Upper

117 100

82 55.9 43.9 65.9

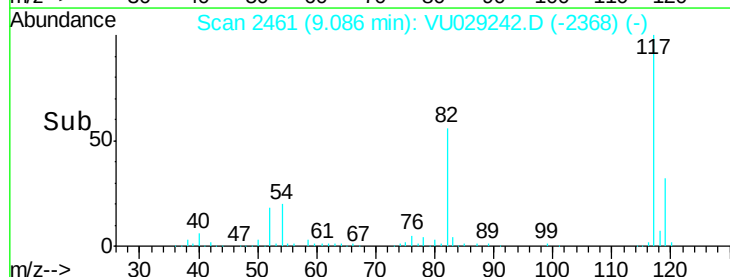
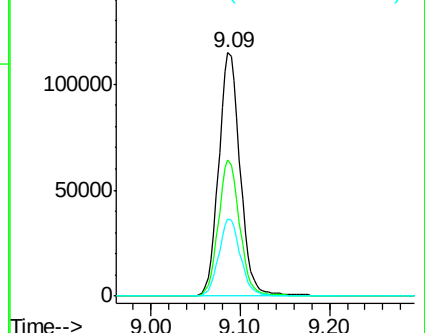
119 31.6 26.0 39.0

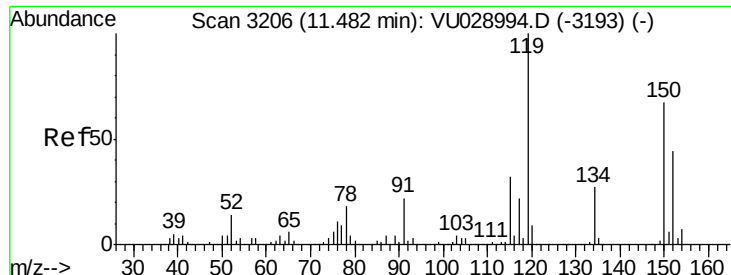


Abundance Ion 116.90 (116.60 to 117.60): VU028994.D (-2448) (-)

Ion 82.00 (81.70 to 82.70): VU028994.D (-2448) (-)

Ion 118.90 (118.60 to 119.60): VU028994.D (-2448) (-)

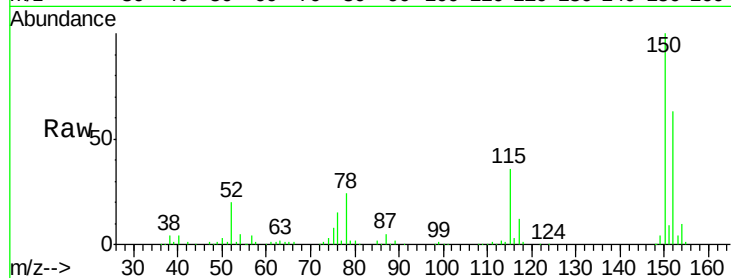




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.48 min Scan# 3206
 Delta R.T. 0.00 min
 Lab File: VU029242.D
 Acq: 21 Jan 2019 12:32

Instrument :
 MSVOA_U
 ClientSampleId :
 PB116506ZHE#03

Tot Ion:152 Resp: 77099
 Ion Ratio Lower Upper
 152 100
 115 56.7 40.1 120.3
 150 156.8 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

