

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU010919\
 Data File : VU029096.D
 Acq On : 09 Jan 2019 17:50
 Operator : MD/SY
 Sample : PB116248ZHE#11
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB116248ZHE#11

Quant Time: Jan 10 05:40:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 04 02:22:53 2019
 Response via : Initial Calibration

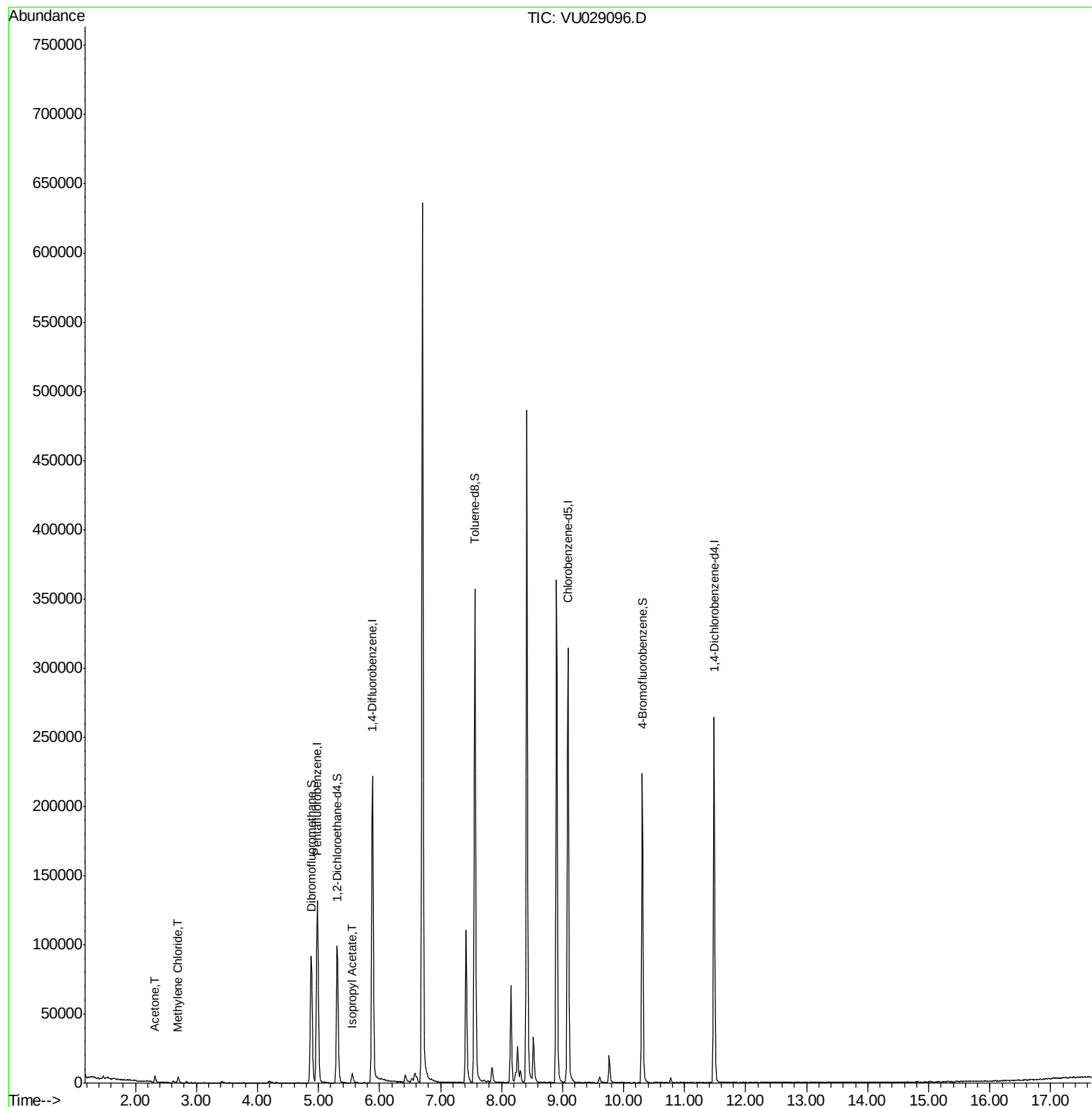
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	107133	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	189995	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	181599	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	71632	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	75448	56.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.94%	
35) Dibromofluoromethane	4.88	113	65314	53.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.06%	
50) Toluene-d8	7.56	98	249705	51.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.72%	
62) 4-Bromofluorobenzene	10.30	95	77332	44.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.52%	
Target Compounds						
16) Acetone	2.32	43	5198	6.230	ug/l	92
20) Methylene Chloride	2.70	84	1924	1.358	ug/l	97
43) Isopropyl Acetate	5.55	43	7764	2.428	ug/l	97

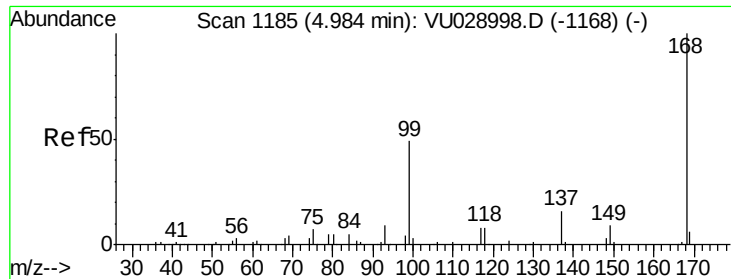
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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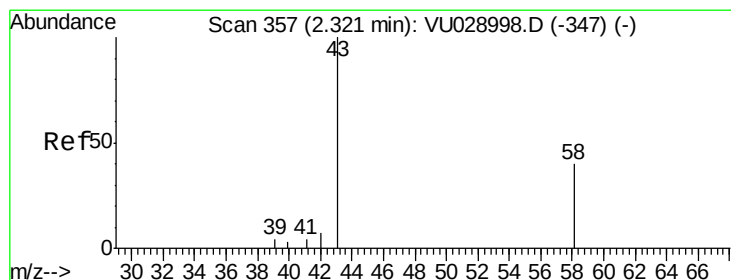
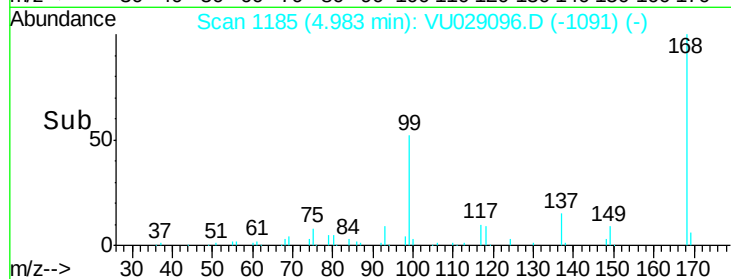
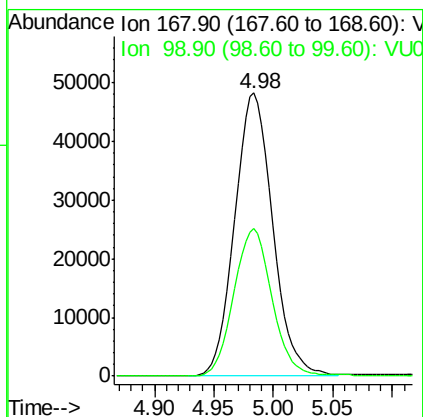
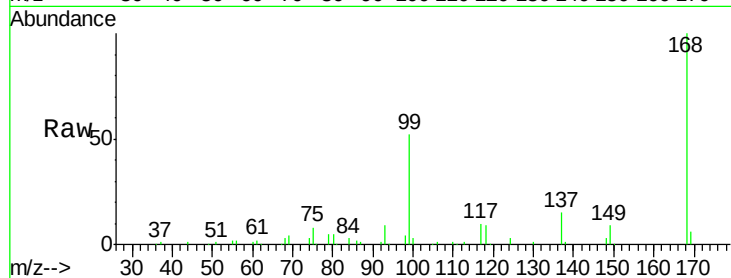




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. 0.00 min
Lab File: VU029096.D
Acq: 09 Jan 2019 17:50

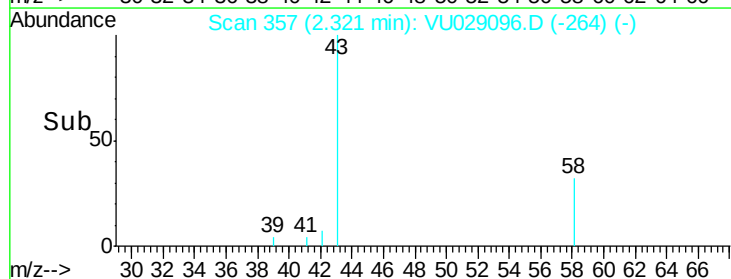
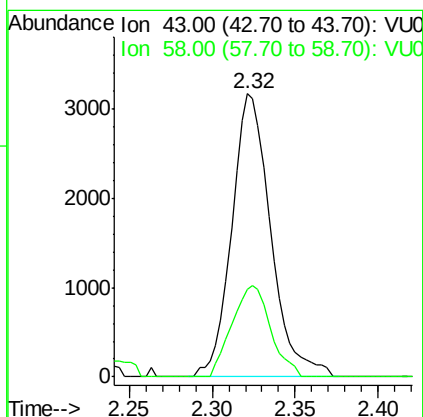
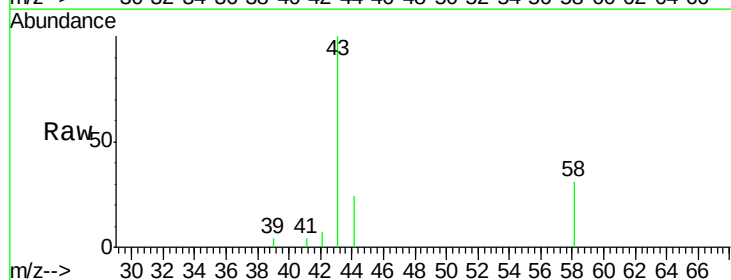
Instrument :
MSVOA_U
ClientSampleId :
PB116248ZHE#11

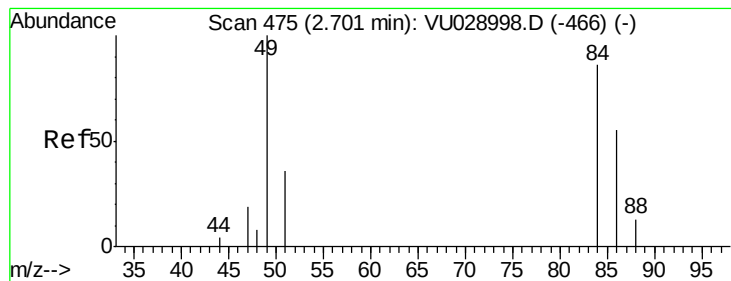
Tot Ion:168 Resp: 107133
Ion Ratio Lower Upper
168 100
99 52.1 42.0 63.0



#16
Acetone
Concen: 6.230 ug/l
RT: 2.32 min Scan# 357
Delta R.T. -0.00 min
Lab File: VU029096.D
Acq: 09 Jan 2019 17:50

Tgt Ion: 43 Resp: 5198
Ion Ratio Lower Upper
43 100
58 30.9 28.6 42.8





#20

Methylene Chloride

Concen: 1.358 ug/l

RT: 2.70 min Scan# 475

Delta R.T. 0.00 min

Lab File: VU029096.D

Acq: 09 Jan 2019 17:50

Instrument :

MSVOA_U

ClientSampleId :

PB116248ZHE#11

Tot Ion: 84 Resp: 1924

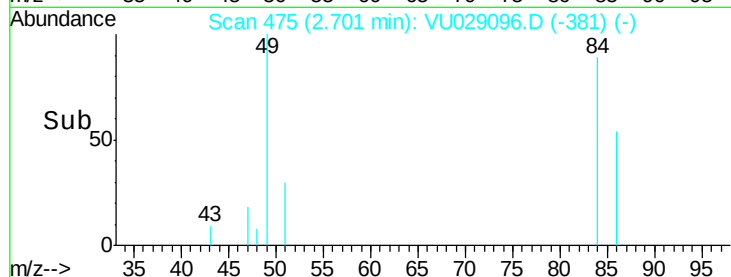
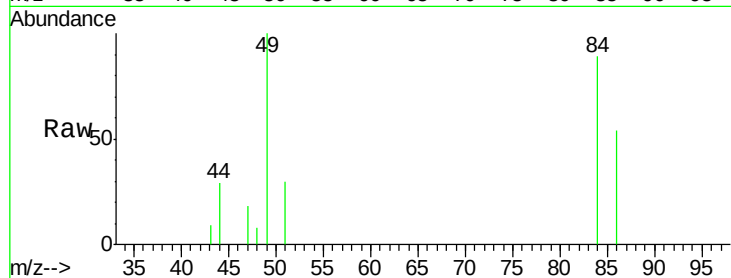
Ion Ratio Lower Upper

84 100

49 112.5 91.9 137.9

51 33.8 29.2 43.8

86 60.7 51.8 77.6

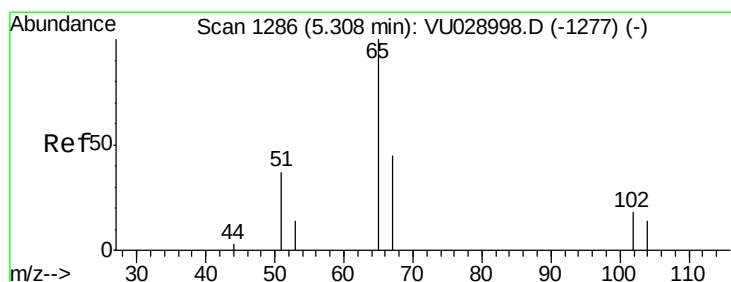
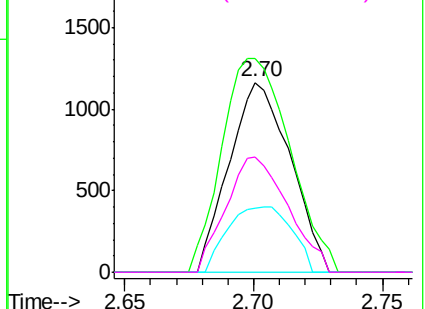


Abundance Ion 83.90 (83.60 to 84.60): VU0

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: 56.969 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. 0.00 min

Lab File: VU029096.D

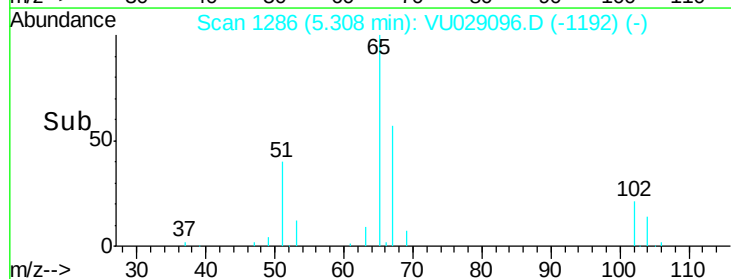
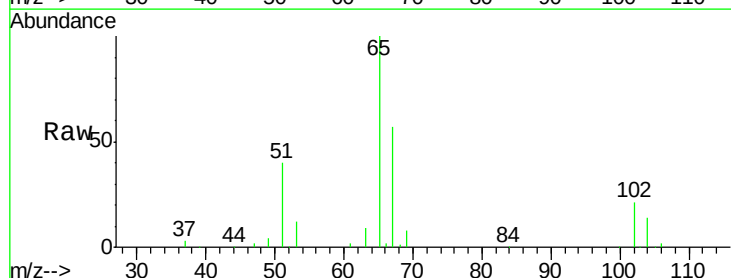
Acq: 09 Jan 2019 17:50

Tgt Ion: 65 Resp: 75448

Ion Ratio Lower Upper

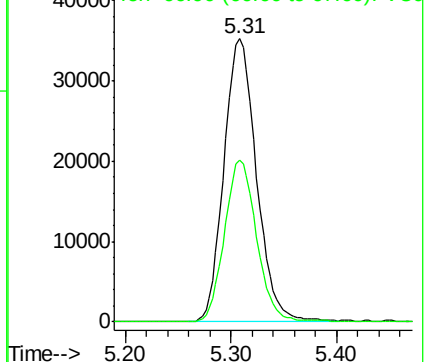
65 100

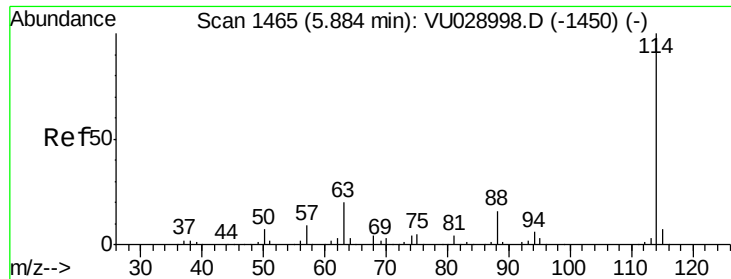
67 56.4 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0

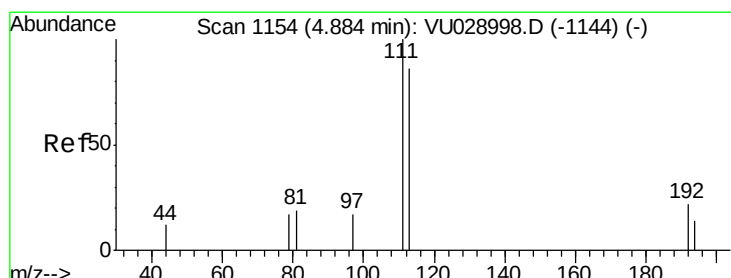
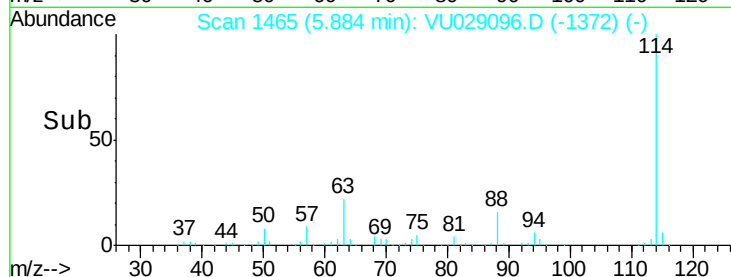
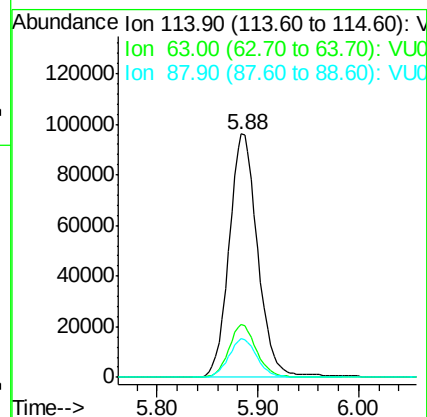
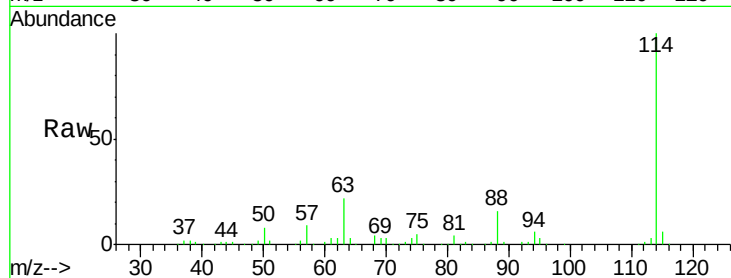




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: VU029096.D
 Acq: 09 Jan 2019 17:50

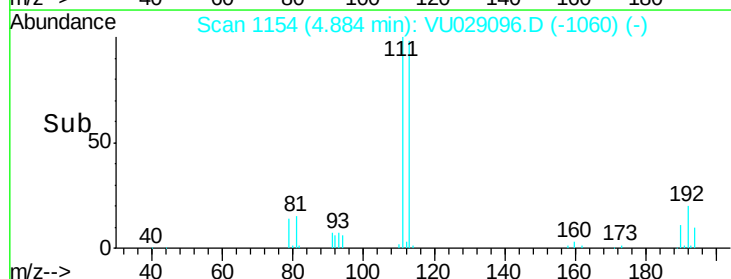
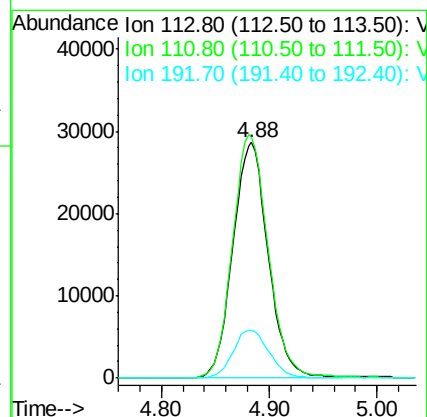
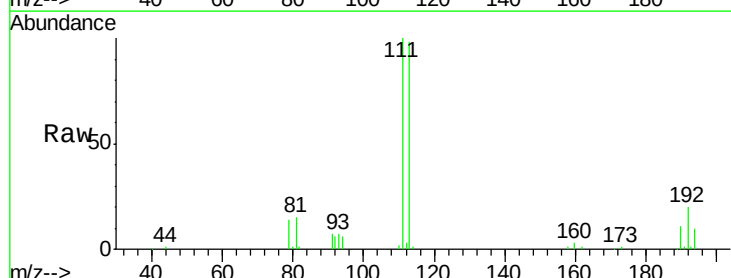
Instrument :
 MSVOA_U
 ClientSampleId :
 PB116248ZHE#11

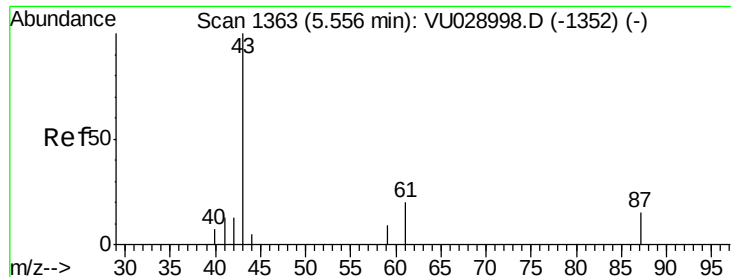
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	40.2
88	15.9	0.0	30.4



#35
 Dibromofluoromethane
 Concen: 53.032 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU029096.D
 Acq: 09 Jan 2019 17:50

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.4	122.2
192	20.7	16.8	25.2





#43

Isopropyl Acetate

Concen: 2.428 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.01 min

Lab File: VU029096.D

Acq: 09 Jan 2019 17:50

Instrument :

MSVOA_U

ClientSampleId :

PB116248ZHE#11

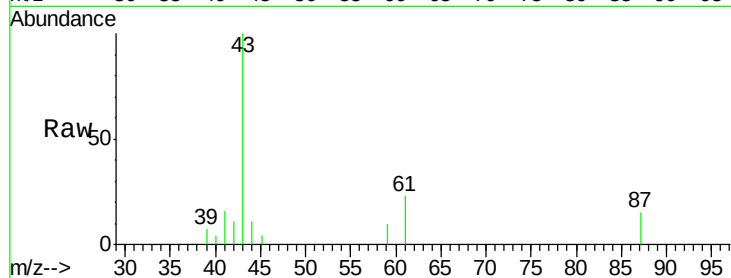
Tot Ion: 43 Resp: 7764

Ion Ratio Lower Upper

43 100

61 20.7 17.8 26.6

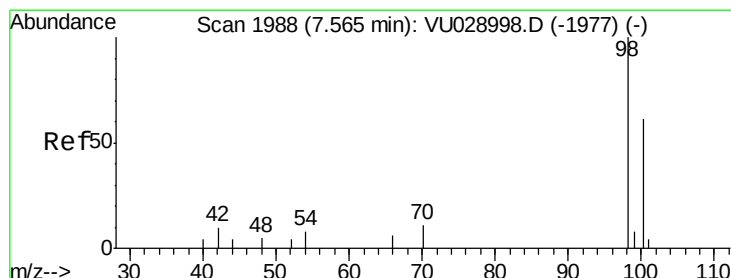
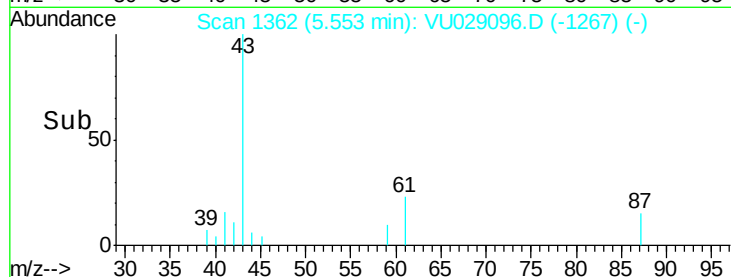
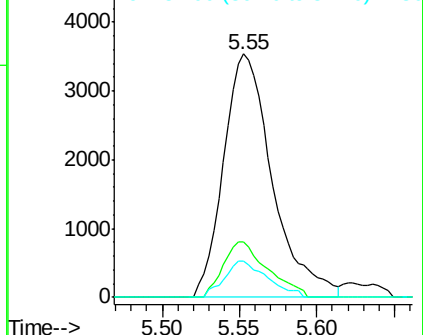
87 13.1 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VU028998.D (-1352) (-)

Ion 61.00 (60.70 to 61.70): VU028998.D (-1352) (-)

Ion 87.00 (86.70 to 87.70): VU028998.D (-1352) (-)



#50

Toluene-d8

Concen: 51.356 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VU029096.D

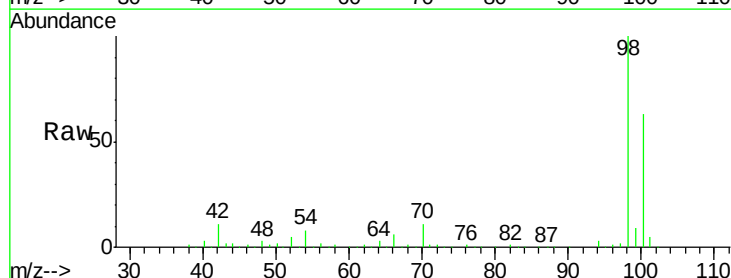
Acq: 09 Jan 2019 17:50

Tgt Ion: 98 Resp: 249705

Ion Ratio Lower Upper

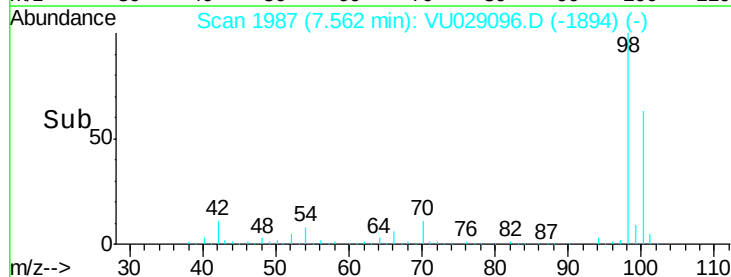
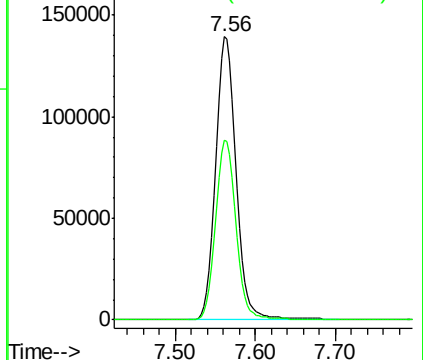
98 100

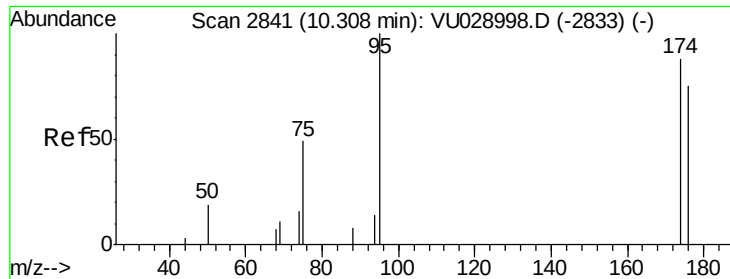
100 63.2 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VU028998.D (-1977) (-)

Ion 100.00 (99.70 to 100.70): VU028998.D (-1977) (-)

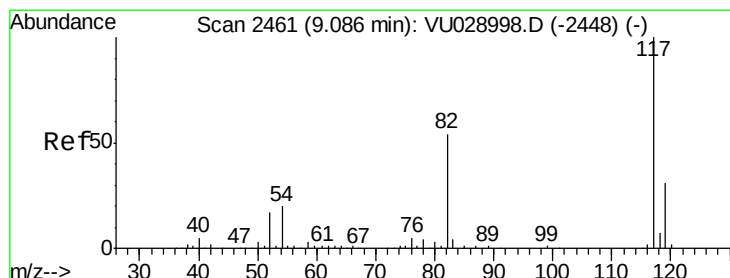
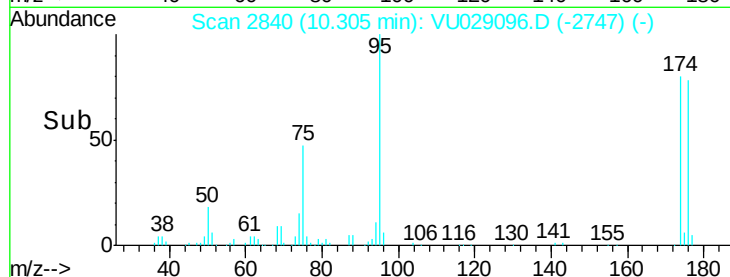
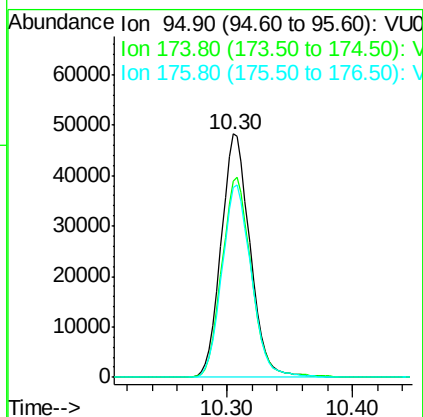
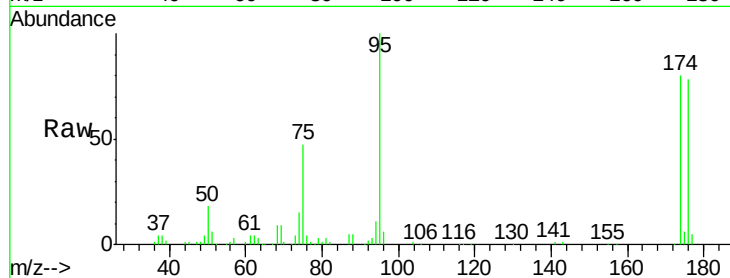




#62
4-Bromofluorobenzene
Concen: 44.256 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VU029096.D
Acq: 09 Jan 2019 17:50

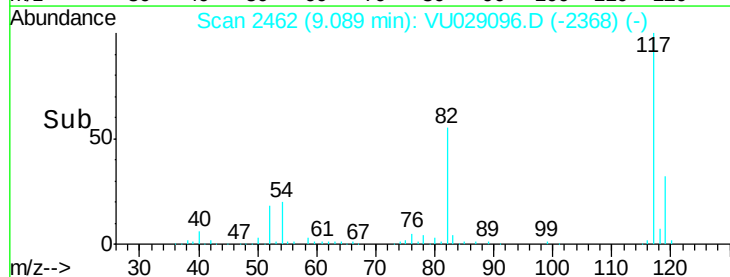
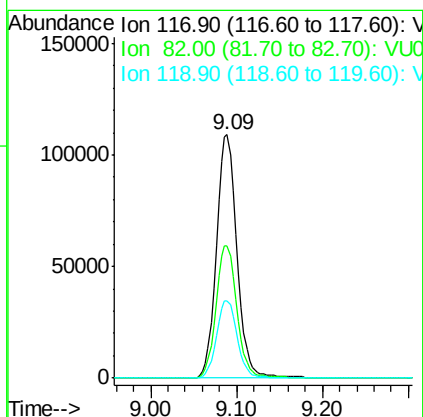
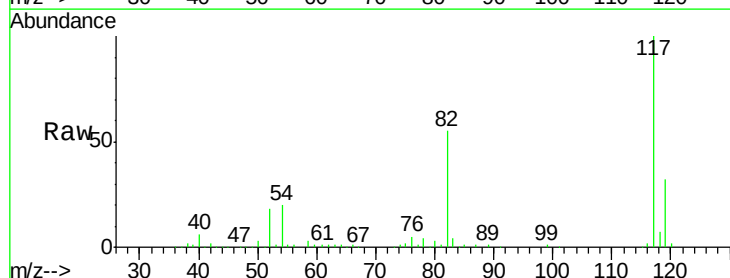
Instrument :
MSVOA_U
ClientSampleId :
PB116248ZHE#11

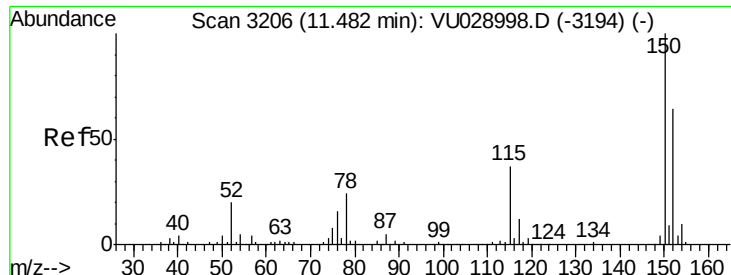
Tot Ion: 95 Resp: 77332
Ion Ratio Lower Upper
95 100
174 83.6 0.0 170.6
176 80.2 0.0 165.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU029096.D
Acq: 09 Jan 2019 17:50

Tgt Ion: 117 Resp: 181599
Ion Ratio Lower Upper
117 100
82 54.5 43.9 65.9
119 32.0 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: VU029096.D

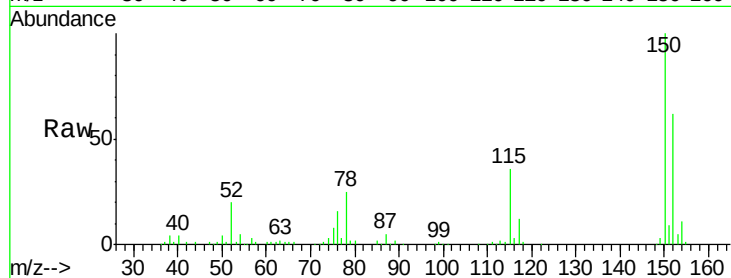
Acq: 09 Jan 2019 17:50

Instrument :

MSVOA_U

ClientSampleId :

PB116248ZHE#11



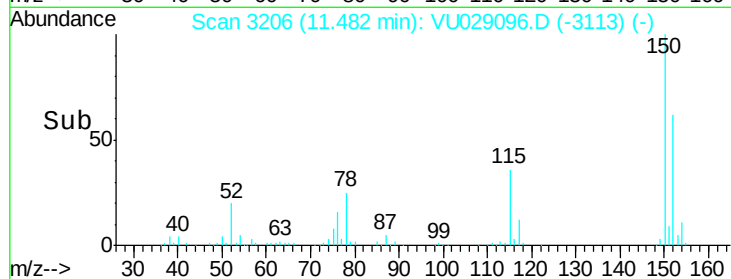
Tot Ion:152 Resp: 71632

Ion Ratio Lower Upper

152 100

115 57.1 40.1 120.3

150 157.4 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

