

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU010919\
 Data File : VU029101.D
 Acq On : 09 Jan 2019 19:51
 Operator : MD/SY
 Sample : PB116248ZHE#16
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB116248ZHE#16

Quant Time: Jan 10 05:48:35 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

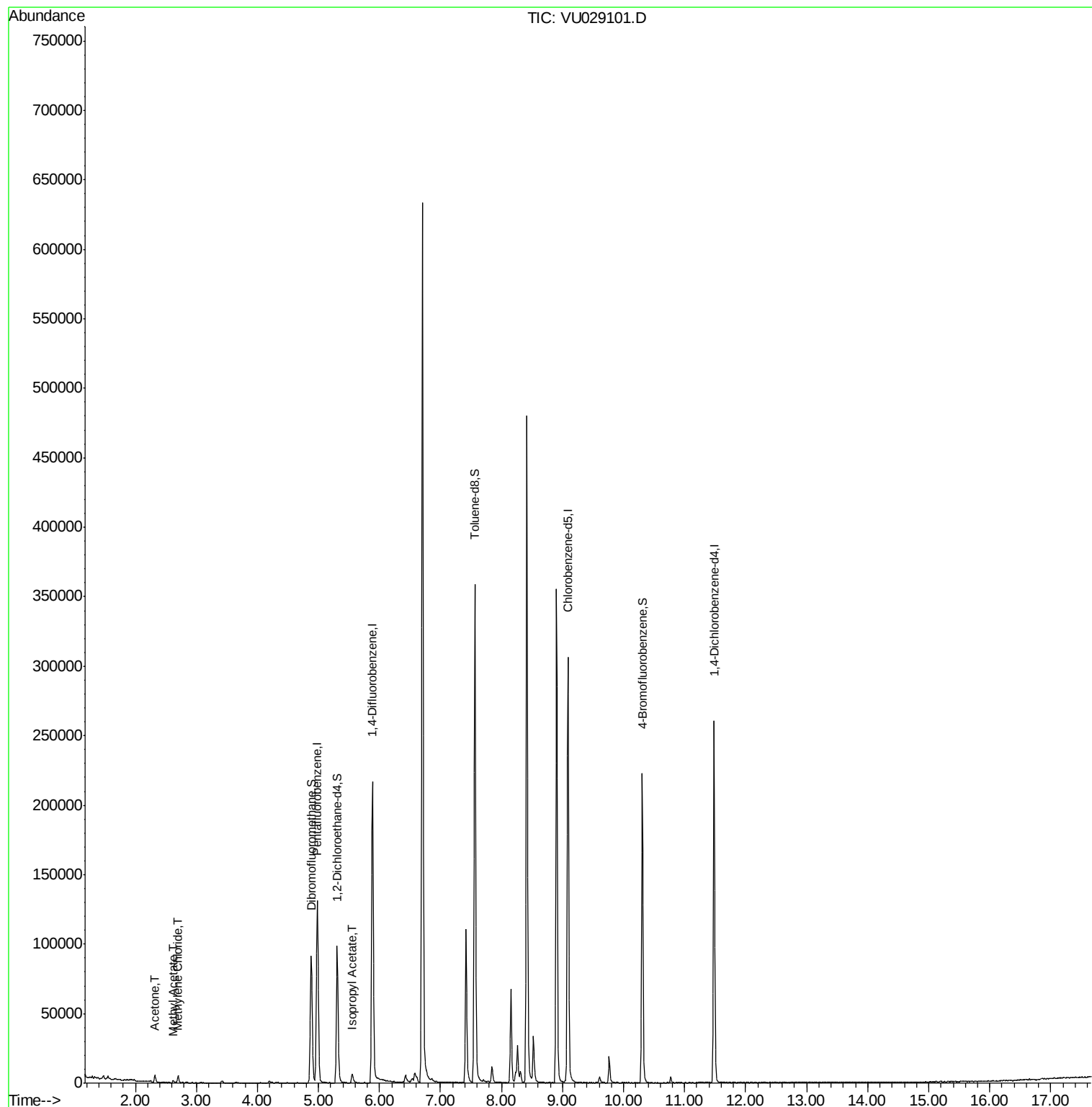
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	107085	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	185440	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	180174	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	70634	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	74601	56.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.70%	
35) Dibromofluoromethane	4.88	113	64396	53.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.14%	
50) Toluene-d8	7.56	98	246944	52.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.08%	
62) 4-Bromofluorobenzene	10.30	95	76178	44.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.34%	
Target Compounds						
16) Acetone	2.32	43	5561	6.668	ug/l	98
18) Methyl Acetate	2.63	43	2106	1.086	ug/l	93
20) Methylene Chloride	2.70	84	2213	1.563	ug/l	99
43) Isopropyl Acetate	5.55	43	7937	2.543	ug/l	95

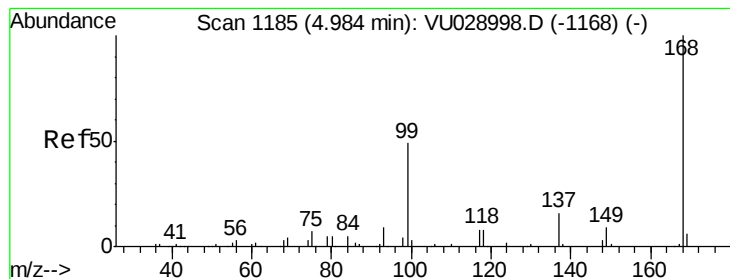
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU029101.D

Acq: 09 Jan 2019 19:51

Instrument :

MSVOA_U

ClientSampleId :

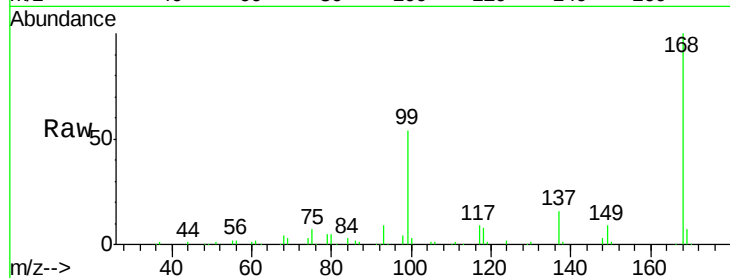
PB116248ZHE#16

Tot Ion:168 Resp: 107085

Ion Ratio Lower Upper

168 100

99 53.6 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VU028998.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU028998.D (-1168) (-)

4.98

50000

40000

30000

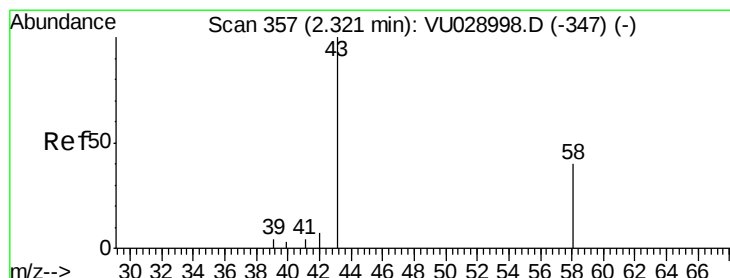
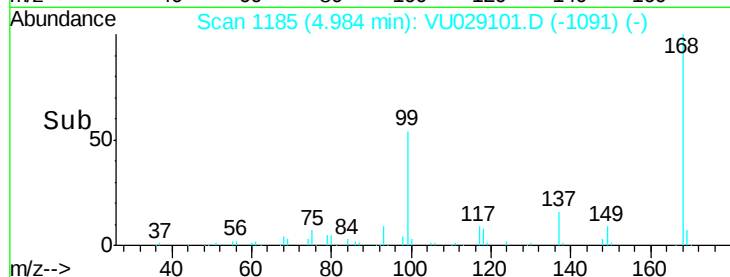
20000

10000

0

Time-->

4.90 5.00 5.10



#16

Acetone

Concen: 6.668 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU029101.D

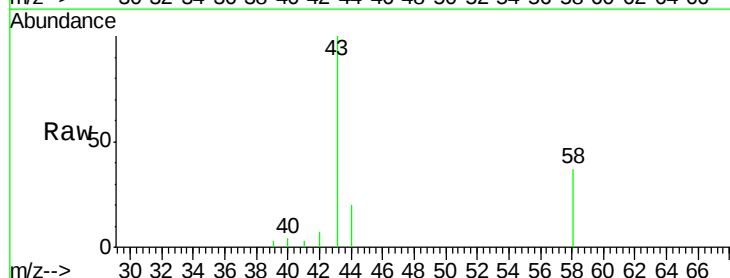
Acq: 09 Jan 2019 19:51

Tgt Ion: 43 Resp: 5561

Ion Ratio Lower Upper

43 100

58 36.7 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VU028998.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VU028998.D (-347) (-)

2.32

3000

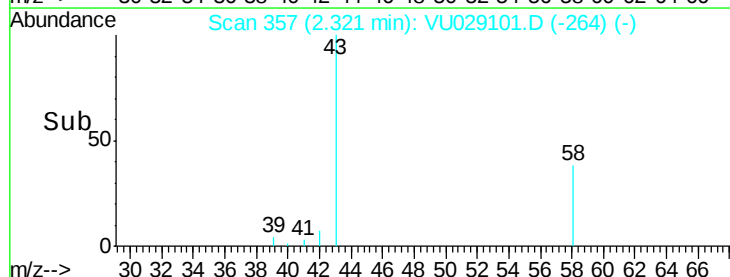
2000

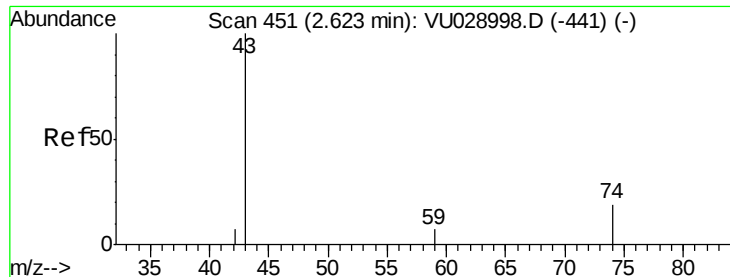
1000

0

Time-->

2.25 2.30 2.35

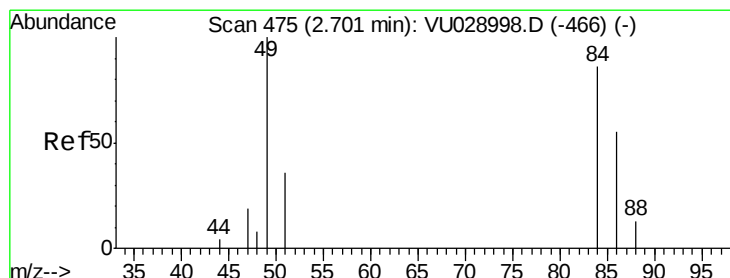
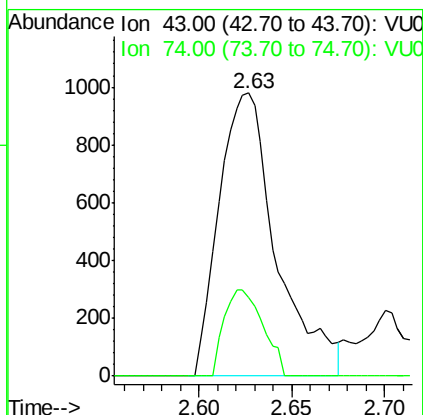
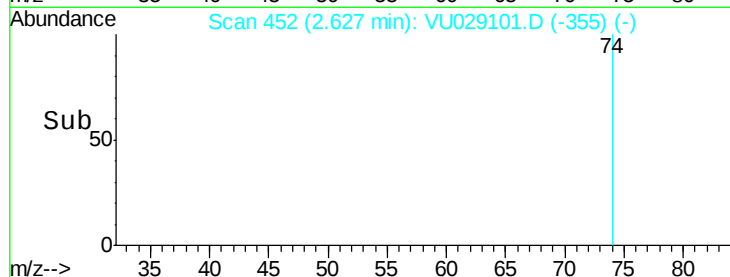
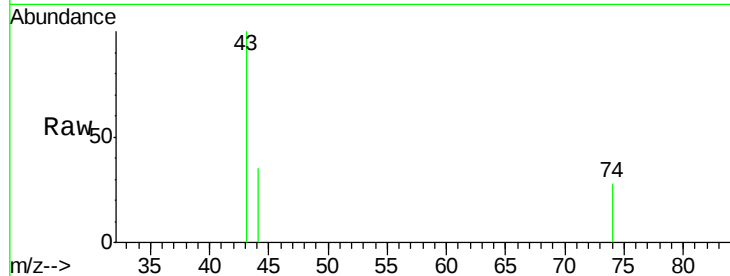




#18
Methyl Acetate
Concen: 1.086 ug/l
RT: 2.63 min Scan# 452
Delta R.T. 0.01 min
Lab File: VU029101.D
Acq: 09 Jan 2019 19:51

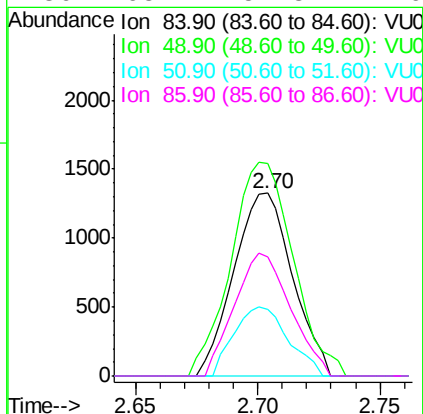
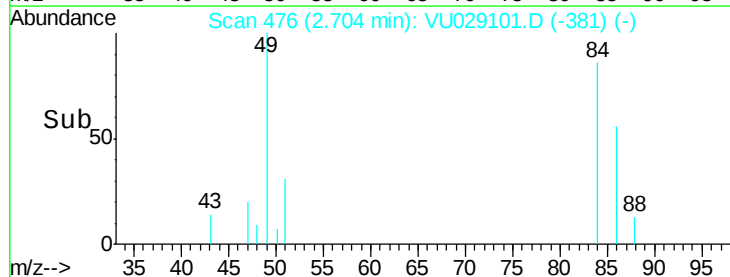
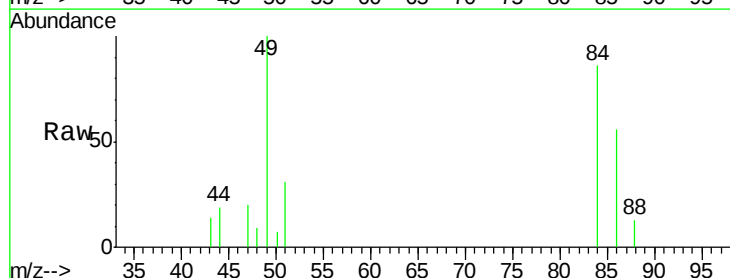
Instrument :
MSVOA_U
ClientSampleId :
PB116248ZHE#16

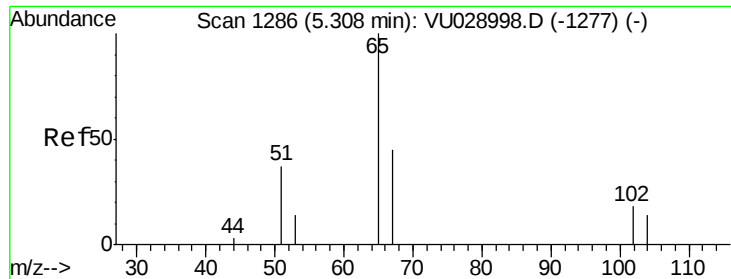
Tot Ion: 43 Resp: 2106
Ion Ratio Lower Upper
43 100
74 20.7 19.5 29.3



#20
Methylene Chloride
Concen: 1.563 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.01 min
Lab File: VU029101.D
Acq: 09 Jan 2019 19:51

Tgt Ion: 84 Resp: 2213
Ion Ratio Lower Upper
84 100
49 116.2 91.9 137.9
51 36.6 29.2 43.8
86 65.1 51.8 77.6

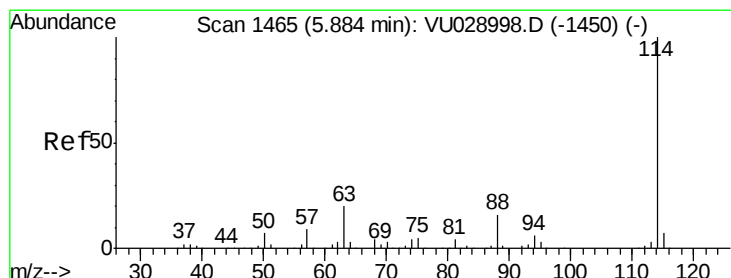
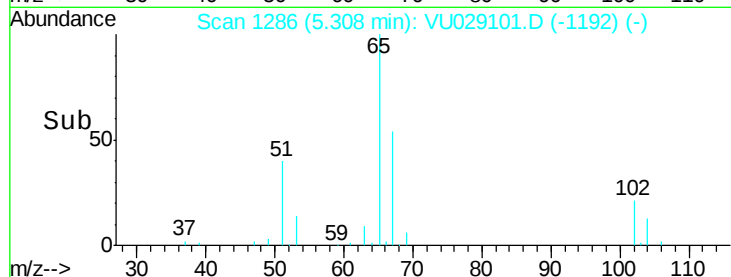
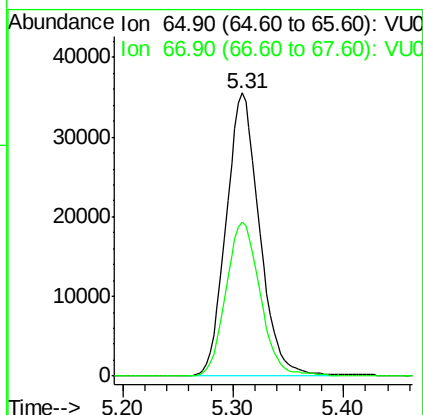
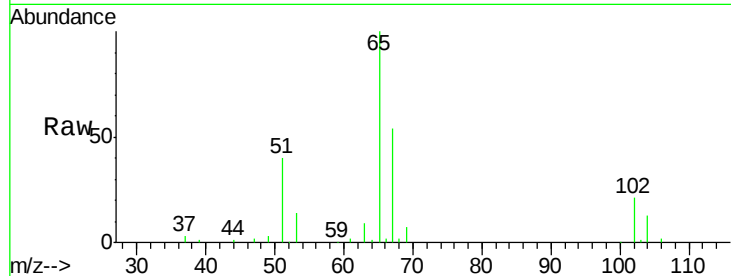




#33
 1,2-Dichloroethane-d4
 Concen: 56.354 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: VU029101.D
 Acq: 09 Jan 2019 19:51

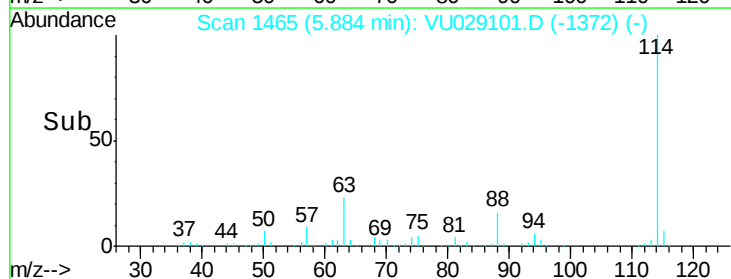
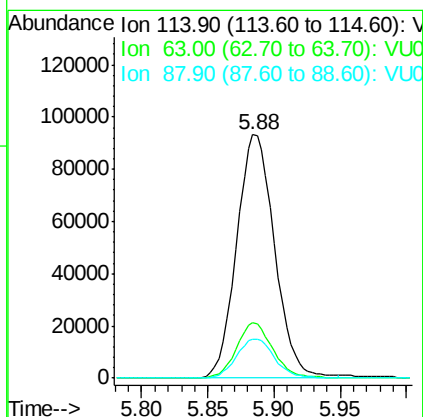
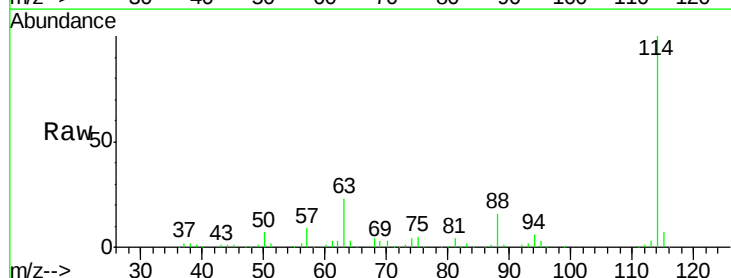
Instrument :
 MSVOA_U
 ClientSampleId :
 PB116248ZHE#16

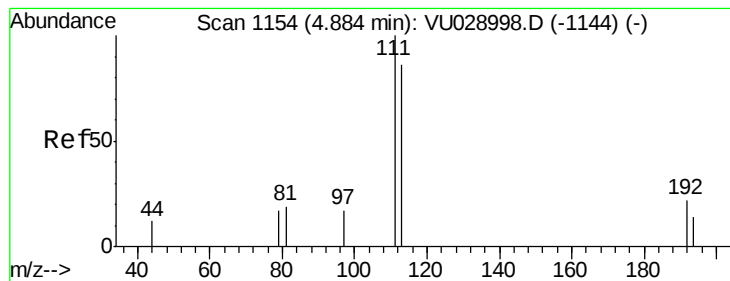
Tot Ion: 65 Resp: 74601
 Ion Ratio Lower Upper
 65 100
 67 55.8 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: VU029101.D
 Acq: 09 Jan 2019 19:51

Tgt Ion: 114 Resp: 185440
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 40.2
 88 15.8 0.0 30.4





#35

Dibromofluoromethane

Concen: 53.571 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. 0.00 min

Lab File: VU029101.D

Acq: 09 Jan 2019 19:51

Instrument :

MSVOA_U

ClientSampleId :

PB116248ZHE#16

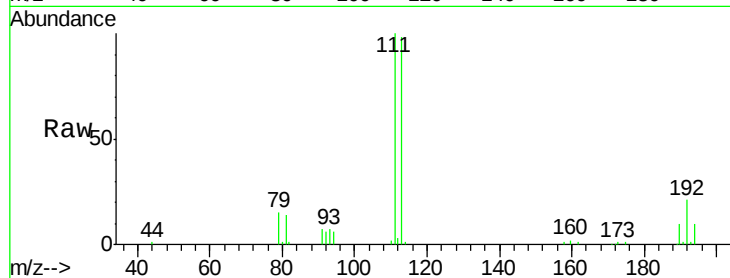
Tot Ion:113 Resp: 64396

Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.2

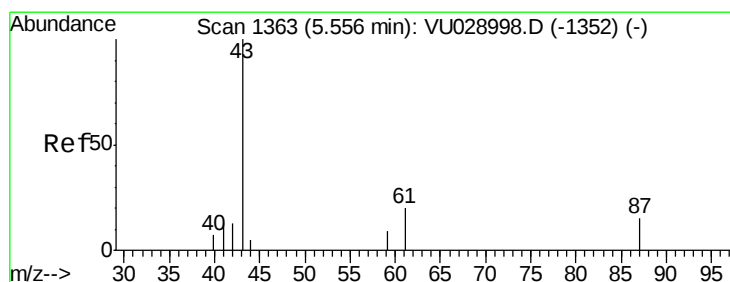
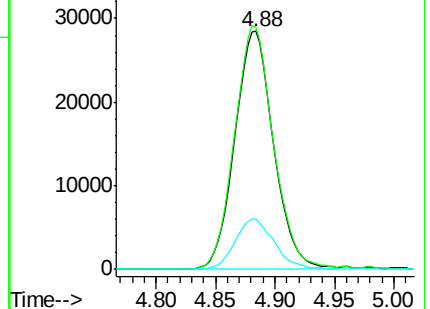
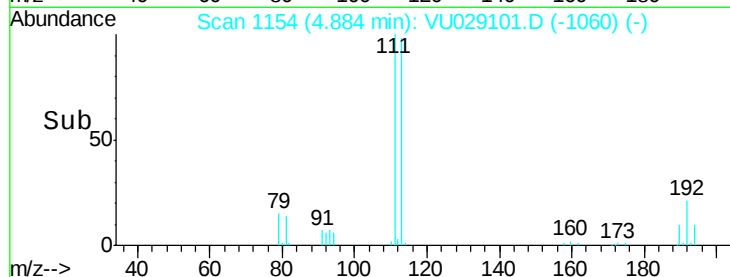
192 21.2 16.8 25.2



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: 2.543 ug/l

RT: 5.55 min Scan# 1361

Delta R.T. 0.00 min

Lab File: VU029101.D

Acq: 09 Jan 2019 19:51

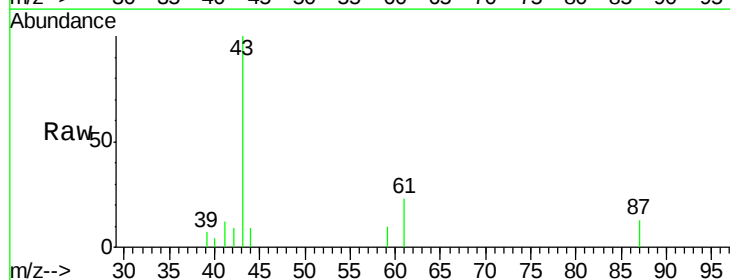
Tgt Ion: 43 Resp: 7937

Ion Ratio Lower Upper

43 100

61 19.1 17.8 26.6

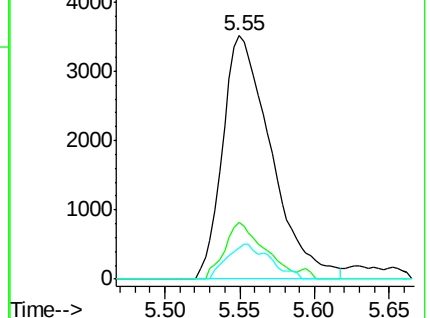
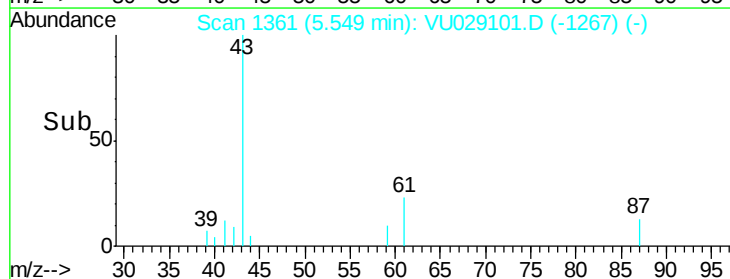
87 12.7 11.3 16.9

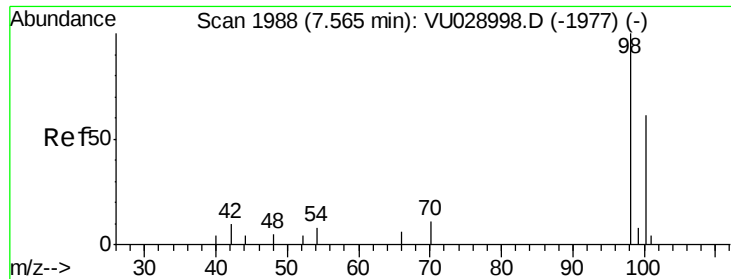


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

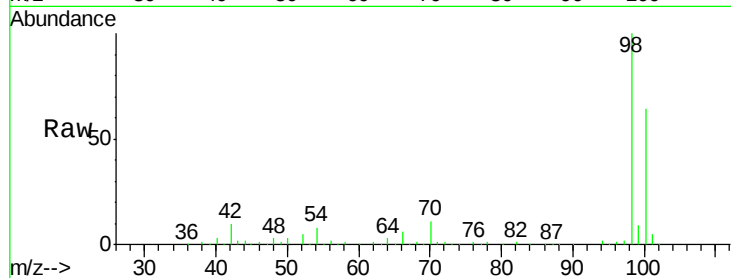




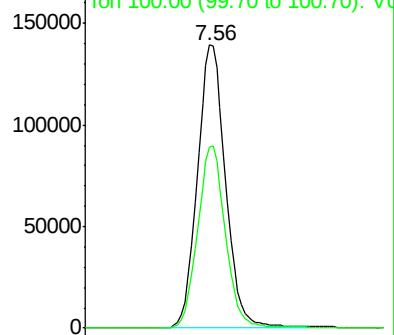
#50
Toluene-d8
Concen: 52.036 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VU029101.D
Acq: 09 Jan 2019 19:51

Instrument :
MSVOA_U
ClientSampleId :
PB116248ZHE#16

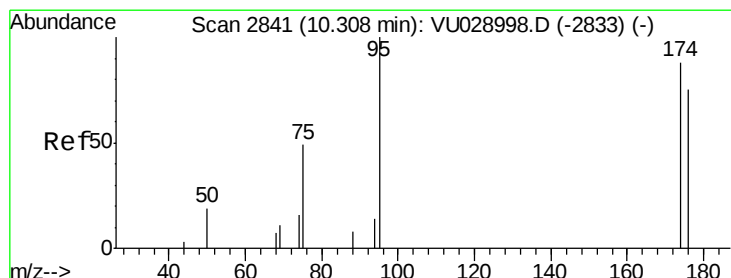
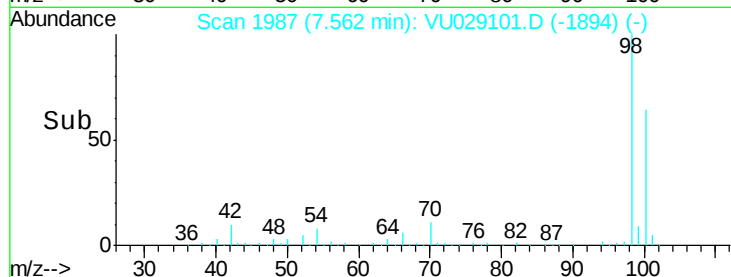
Tot Ion: 98 Resp: 246944
Ion Ratio Lower Upper
98 100
100 63.8 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VU028998.D (-1977) (-)
Ion 100.00 (99.70 to 100.70): VU028998.D (-1977) (-)

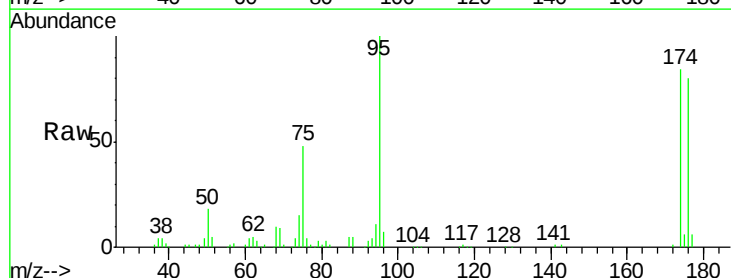


Time-->

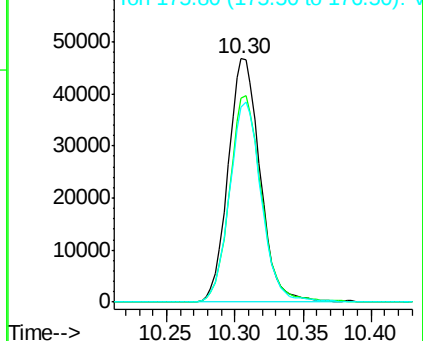


#62
4-Bromofluorobenzene
Concen: 44.666 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VU029101.D
Acq: 09 Jan 2019 19:51

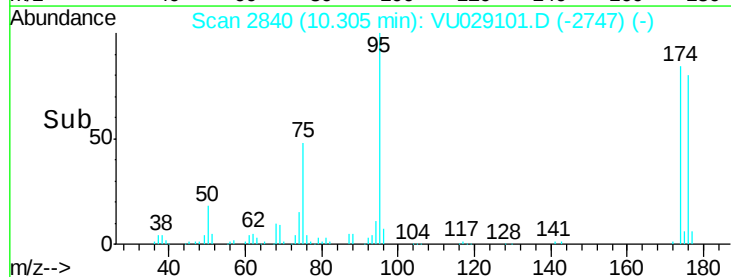
Tgt Ion: 95 Resp: 76178
Ion Ratio Lower Upper
95 100
174 84.4 0.0 170.6
176 81.7 0.0 165.0

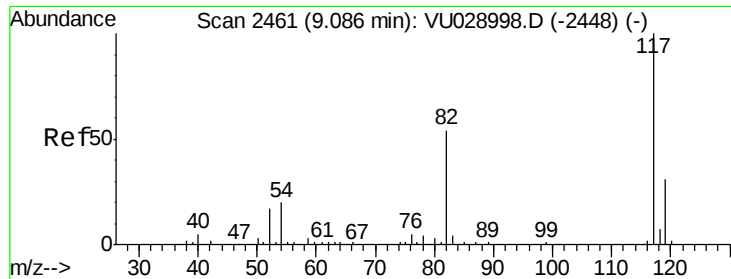


Abundance Ion 94.90 (94.60 to 95.60): VU028998.D (-2833) (-)
Ion 173.80 (173.50 to 174.50): VU028998.D (-2833) (-)
Ion 175.80 (175.50 to 176.50): VU028998.D (-2833) (-)



Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. 0.00 min

Lab File: VU029101.D

Acq: 09 Jan 2019 19:51

Instrument :

MSVOA_U

ClientSampleId :

PB116248ZHE#16

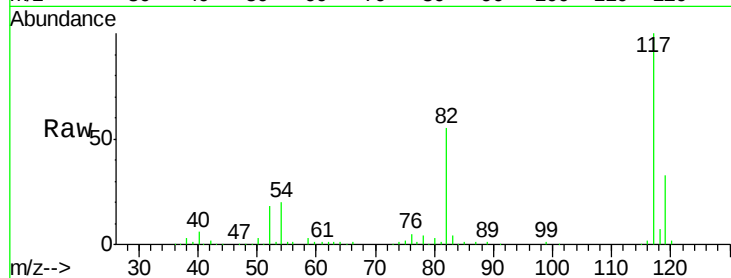
Tot Ion:117 Resp: 180174

Ion Ratio Lower Upper

117 100

82 55.3 43.9 65.9

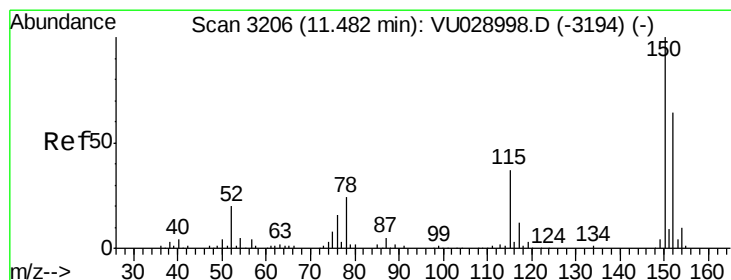
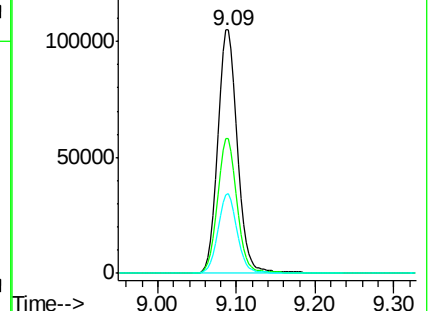
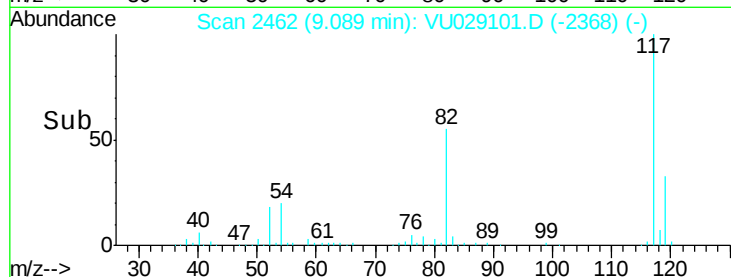
119 32.6 26.0 39.0



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: VU029101.D

Acq: 09 Jan 2019 19:51

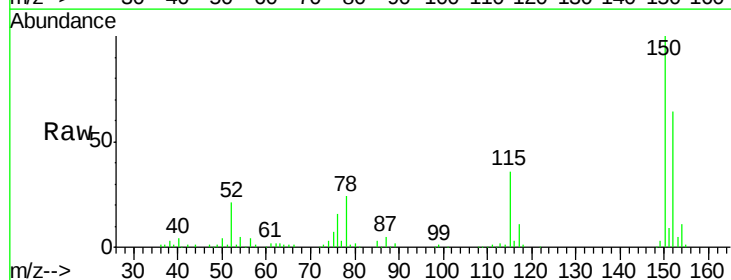
Tgt Ion:152 Resp: 70634

Ion Ratio Lower Upper

152 100

115 57.8 40.1 120.3

150 155.5 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

