

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU112818\
 Data File : VU028375.D
 Acq On : 28 Nov 2018 18:57
 Operator : MD/SY
 Sample : PB115109ZHE#04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB115109ZHE#04

Quant Time: Nov 29 07:02:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 29 01:04:49 2018
 Response via : Initial Calibration

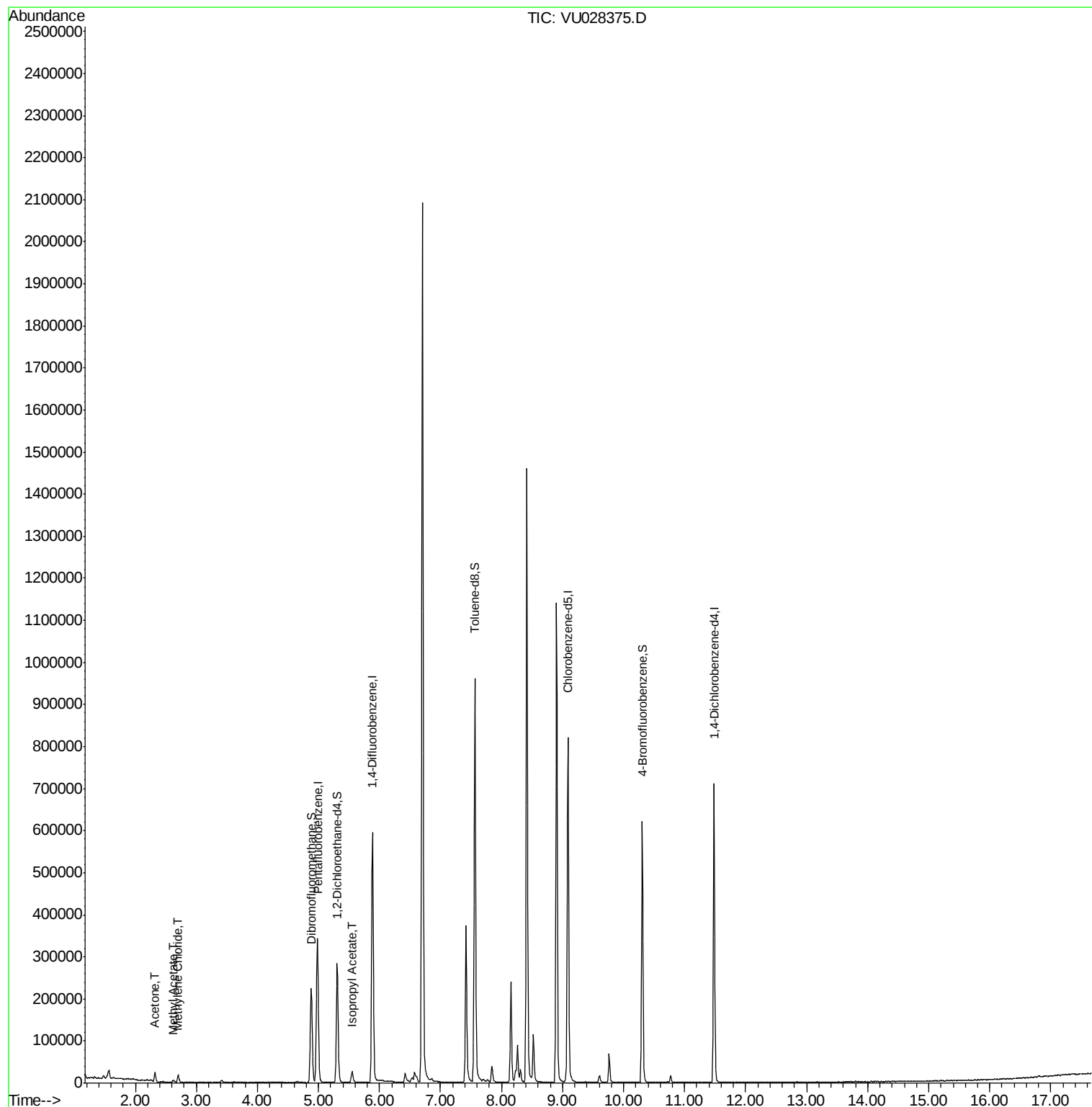
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	248179	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	467114	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	423913	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	166496	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	219433	52.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.80%	
35) Dibromofluoromethane	4.88	113	153490	49.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.84%	
50) Toluene-d8	7.56	98	608444	48.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.96%	
62) 4-Bromofluorobenzene	10.31	95	205082	45.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.60%	
Target Compounds						
16) Acetone	2.32	43	23966	9.446	ug/l	100
18) Methyl Acetate	2.62	43	8066	1.142	ug/l	93
20) Methylene Chloride	2.70	84	6886	1.853	ug/l #	87
43) Isopropyl Acetate	5.55	43	31406	2.845	ug/l	99

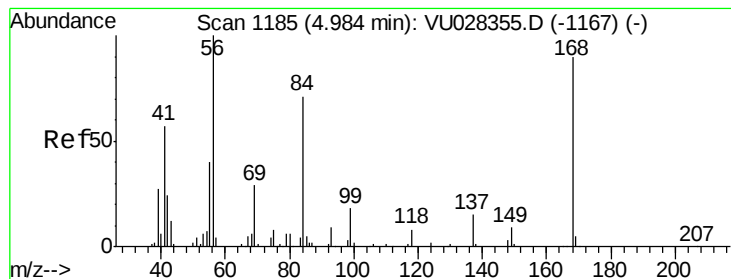
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU028375.D

Acq: 28 Nov 2018 18:57

Instrument :

MSVOA_U

ClientSampleId :

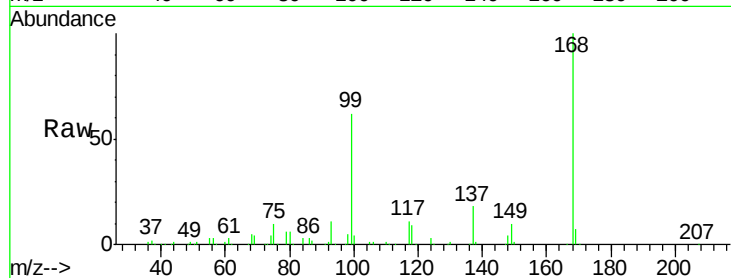
PB115109ZHE#04

Tot Ion:168 Resp: 248179

Ion Ratio Lower Upper

168 100

99 61.8 49.6 74.4



Abundance Ion 167.90 (167.60 to 168.60): VU028375.D (-1092) (-)

Ion 98.90 (98.60 to 99.60): VU028375.D (-1092) (-)

4.98

120000

100000

80000

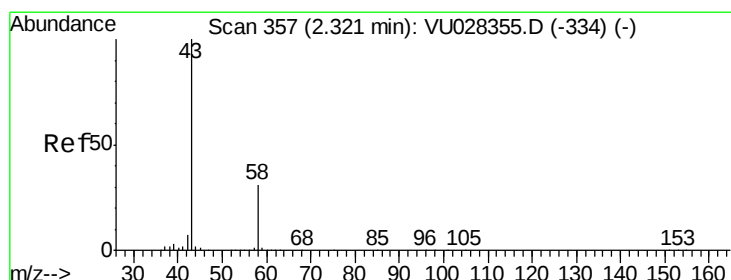
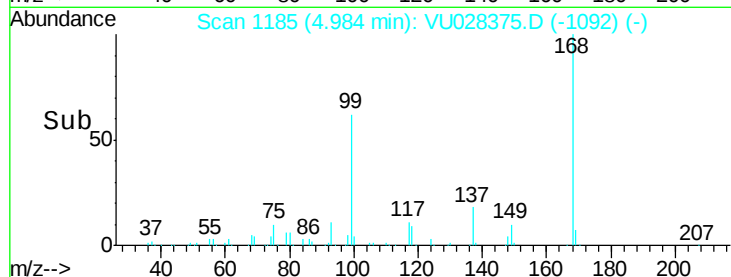
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 9.446 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU028375.D

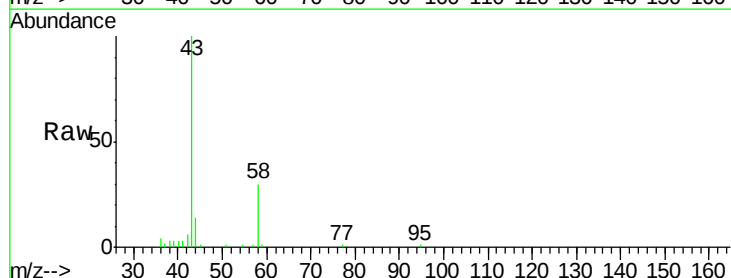
Acq: 28 Nov 2018 18:57

Tgt Ion: 43 Resp: 23966

Ion Ratio Lower Upper

43 100

58 30.7 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU028375.D (-264) (-)

Ion 58.00 (57.70 to 58.70): VU028375.D (-264) (-)

2.32

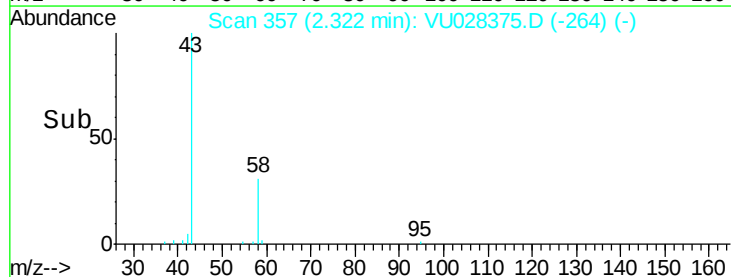
15000

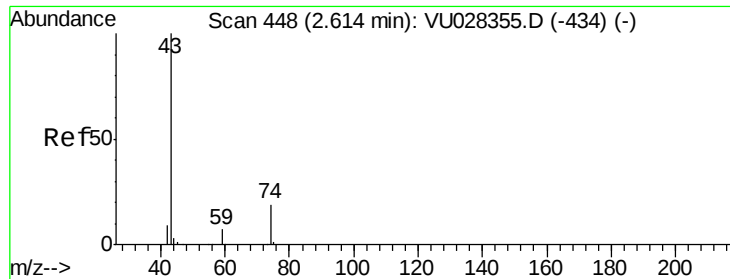
10000

5000

0

Time-->

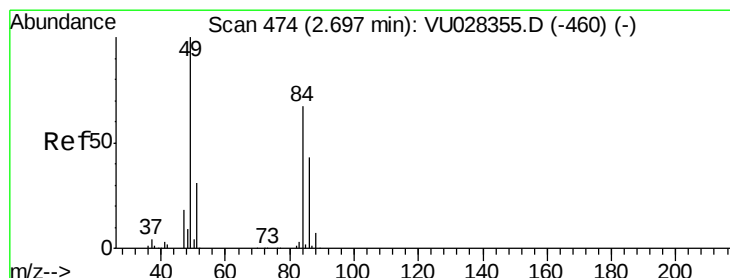
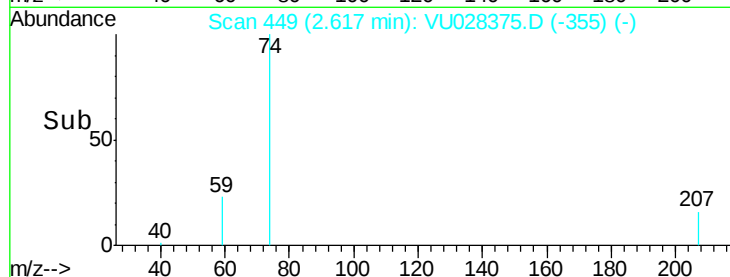
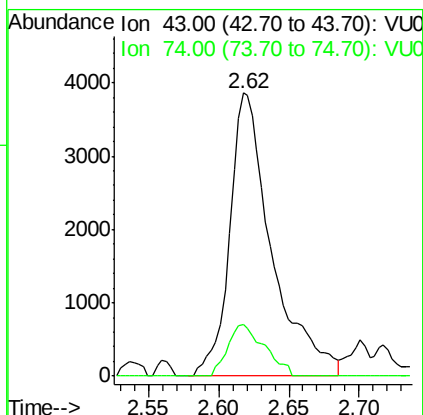
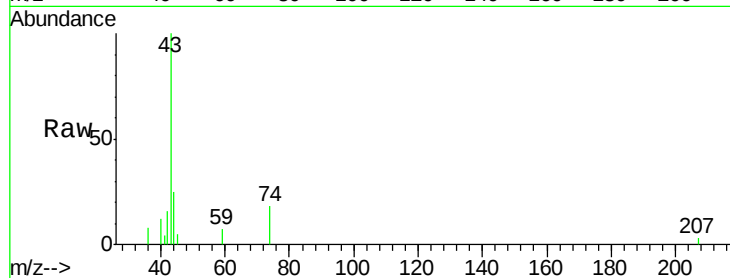




#18
Methvl Acetate
Concen: 1.142 ug/l
RT: 2.62 min Scan# 449
Delta R.T. 0.00 min
Lab File: VU028375.D
Acq: 28 Nov 2018 18:57

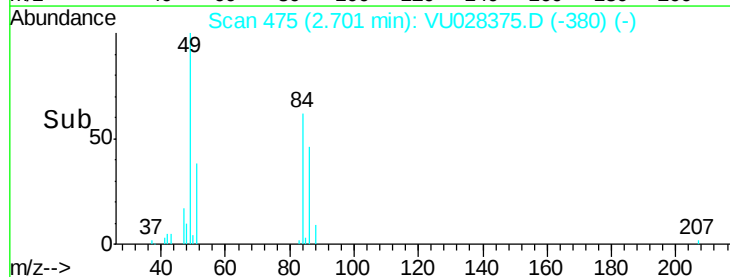
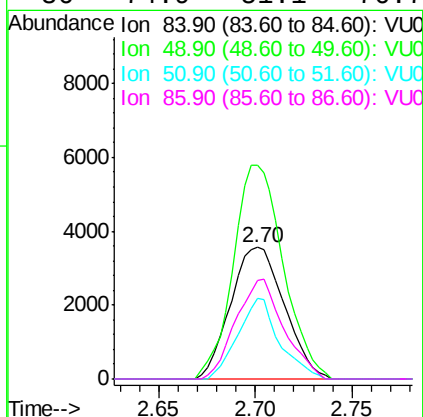
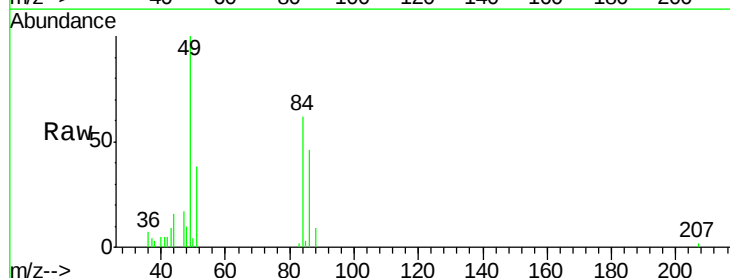
Instrument :
MSVOA_U
ClientSampleId :
PB115109ZHE#04

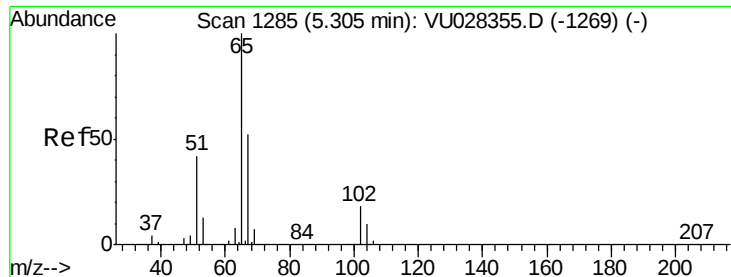
Tot Ion: 43 Resp: 8066
Ion Ratio Lower Upper
43 100
74 15.9 15.3 22.9



#20
Methylene Chloride
Concen: 1.853 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU028375.D
Acq: 28 Nov 2018 18:57

Tgt Ion: 84 Resp: 6886
Ion Ratio Lower Upper
84 100
49 162.5 120.0 180.0
51 61.3 36.9 55.3#
86 74.9 51.1 76.7





#33

1,2-Dichloroethane-d4

Concen: 52.905 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. 0.00 min

Lab File: VU028375.D

Acq: 28 Nov 2018 18:57

Instrument :

MSVOA_U

ClientSampleId :

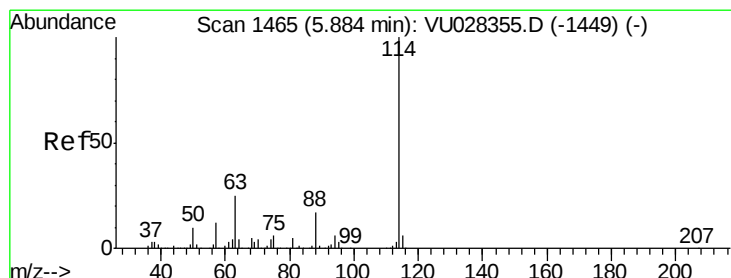
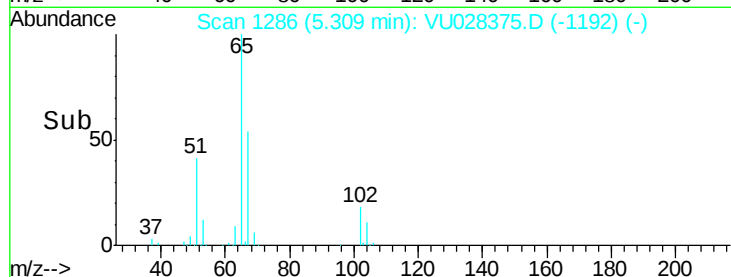
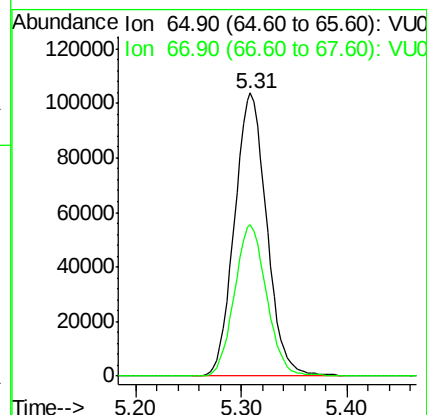
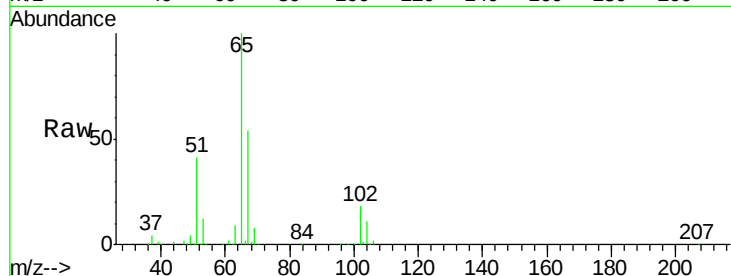
PB115109ZHE#04

Tot Ion: 65 Resp: 219433

Ion Ratio Lower Upper

65 100

67 53.5 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.88 min Scan# 1465

Delta R.T. 0.00 min

Lab File: VU028375.D

Acq: 28 Nov 2018 18:57

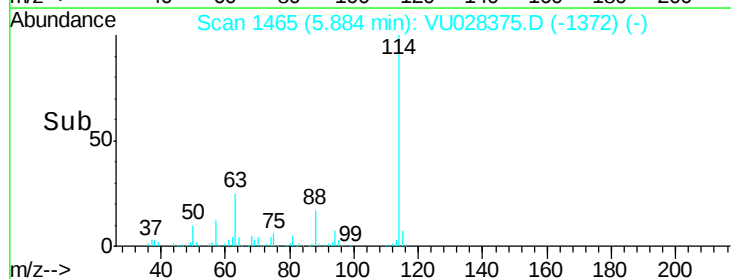
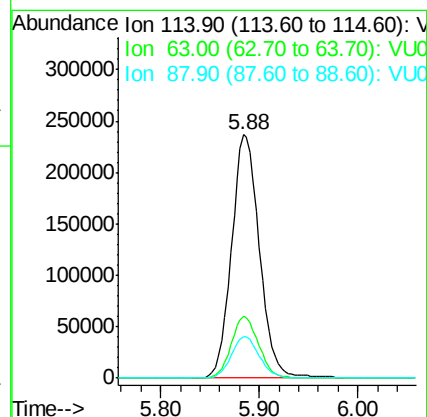
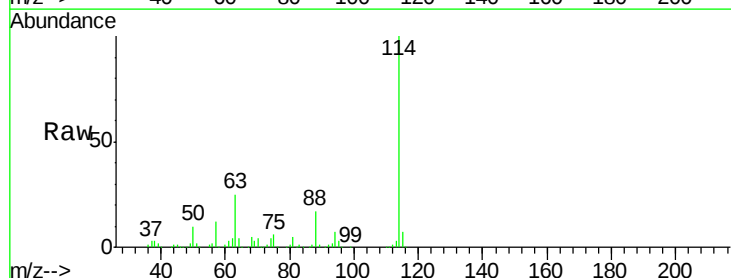
Tgt Ion: 114 Resp: 467114

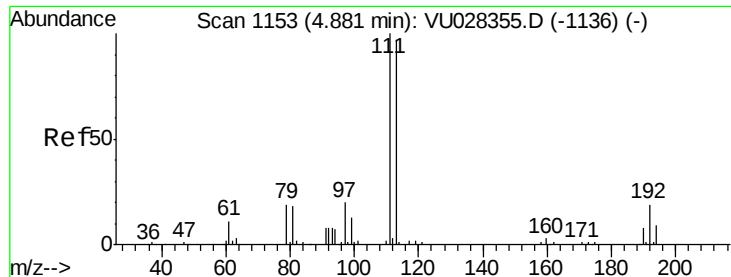
Ion Ratio Lower Upper

114 100

63 25.2 0.0 50.0

88 17.2 0.0 34.4

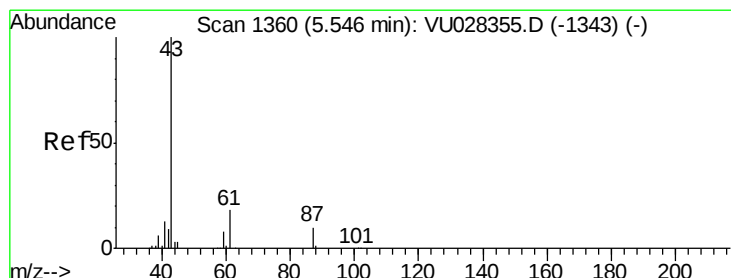
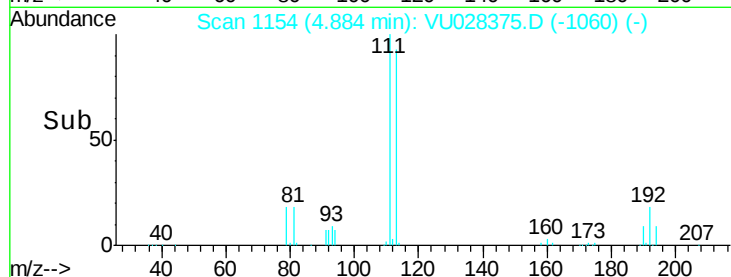
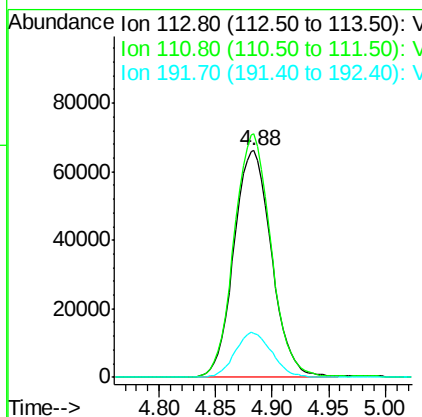
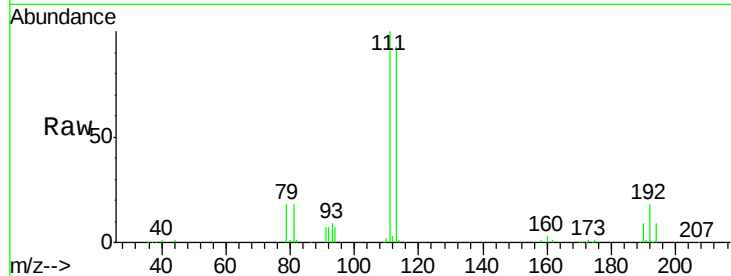




#35
 Dibromofluoromethane
 Concen: 49.415 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU028375.D
 Acq: 28 Nov 2018 18:57

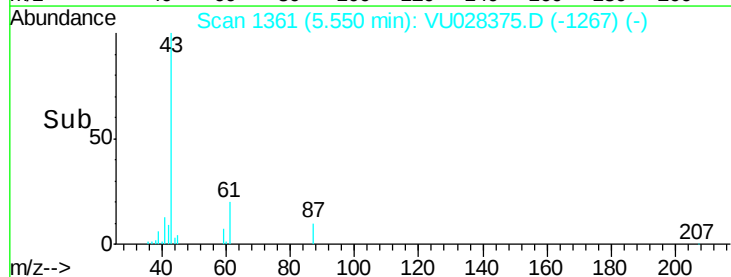
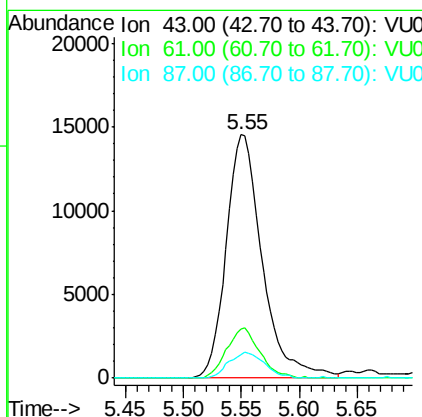
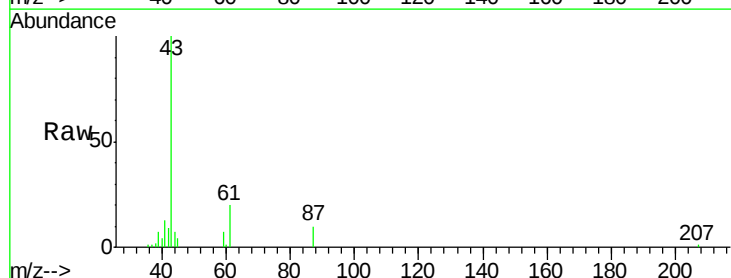
Instrument :
 MSVOA_U
 ClientSampleId :
 PB115109ZHE#04

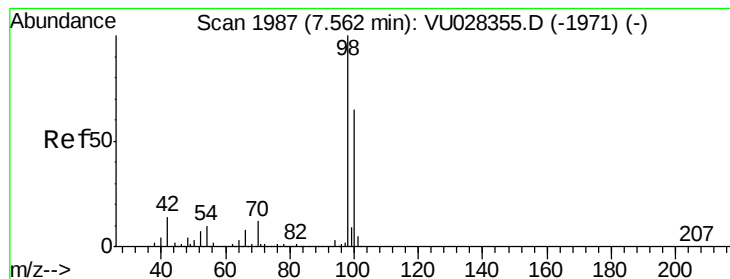
Tot Ion:113 Resp: 153490
 Ion Ratio Lower Upper
 113 100
 111 105.1 82.9 124.3
 192 19.3 15.4 23.0



#43
 Isopropyl Acetate
 Concen: 2.845 ug/l
 RT: 5.55 min Scan# 1361
 Delta R.T. 0.00 min
 Lab File: VU028375.D
 Acq: 28 Nov 2018 18:57

Tgt Ion: 43 Resp: 31406
 Ion Ratio Lower Upper
 43 100
 61 18.8 14.5 21.7
 87 10.6 8.4 12.6





#50

Toluene-d8

Concen: 48.980 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VU028375.D

Acq: 28 Nov 2018 18:57

Instrument :

MSVOA_U

ClientSampleId :

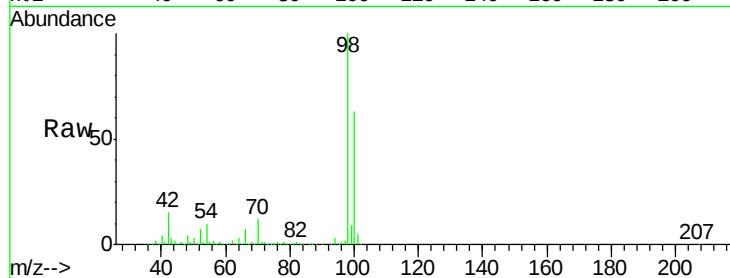
PB115109ZHE#04

Tot Ion: 98 Resp: 608444

Ion Ratio Lower Upper

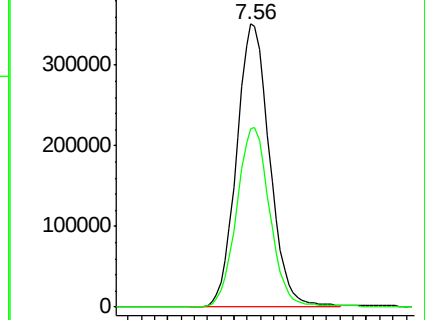
98 100

100 64.0 50.8 76.2

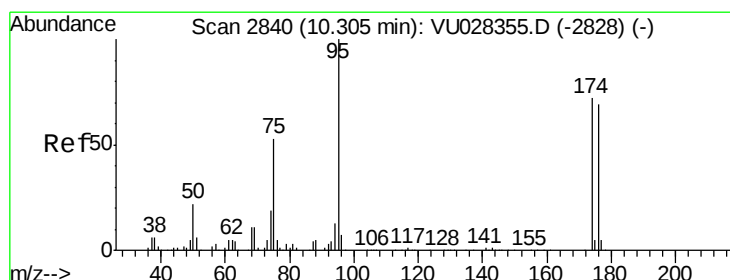
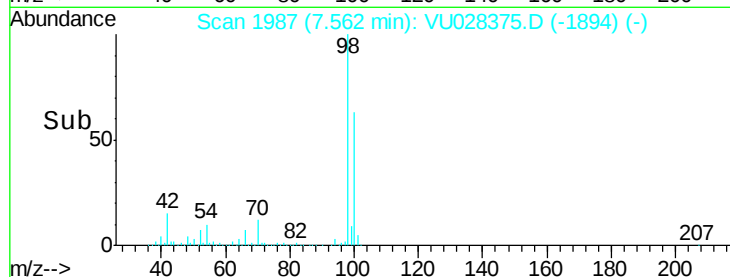


Abundance Ion 98.00 (97.70 to 98.70): VU028375.D (-1894) (-)

Ion 100.00 (99.70 to 100.70): VU028375.D (-1894) (-)



Time-->



#62

4-Bromofluorobenzene

Concen: 45.804 ug/l

RT: 10.31 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VU028375.D

Acq: 28 Nov 2018 18:57

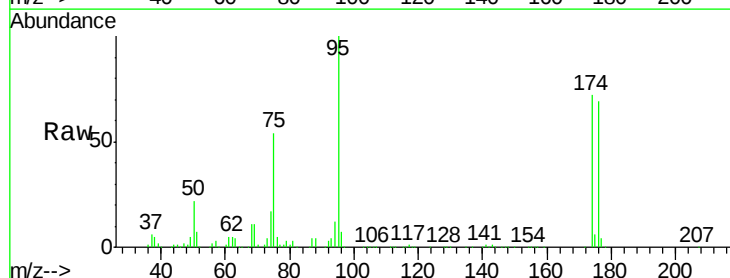
Tgt Ion: 95 Resp: 205082

Ion Ratio Lower Upper

95 100

174 73.8 0.0 145.4

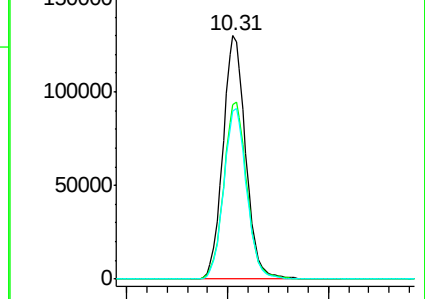
176 70.7 0.0 140.8



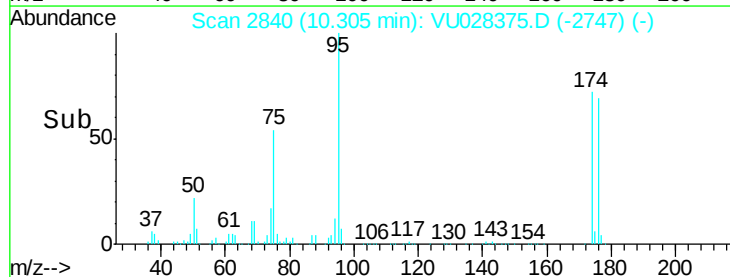
Abundance Ion 94.90 (94.60 to 95.60): VU028375.D (-2747) (-)

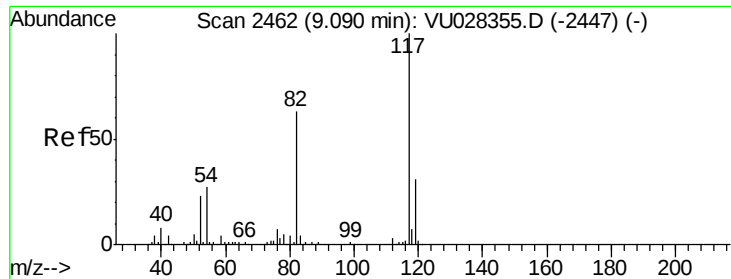
Ion 173.80 (173.50 to 174.50): VU028375.D (-2747) (-)

Ion 175.80 (175.50 to 176.50): VU028375.D (-2747) (-)



Time-->

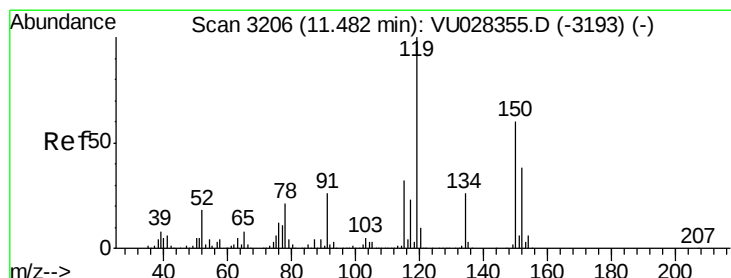
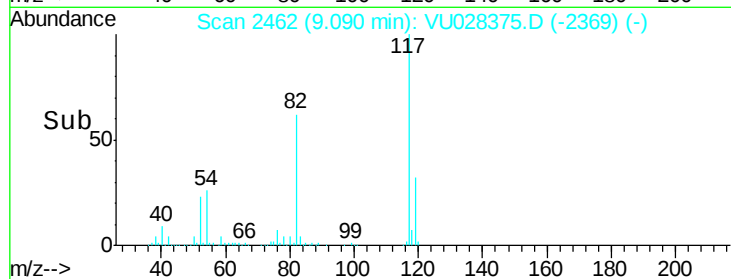
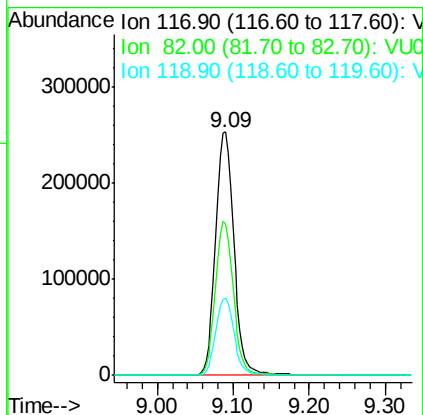
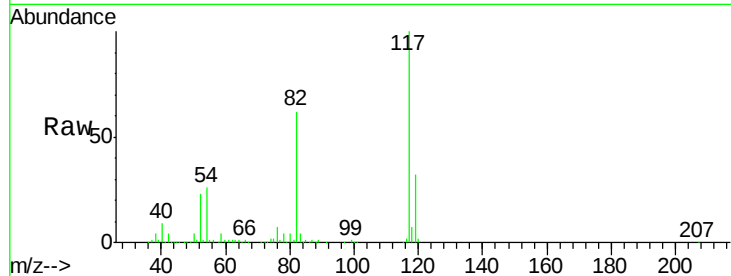




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU028375.D
Acq: 28 Nov 2018 18:57

Instrument :
MSVOA_U
ClientSampleId :
PB115109ZHE#04

Tot Ion:117 Resp: 423913
Ion Ratio Lower Upper
117 100
82 62.4 50.3 75.5
119 31.8 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. 0.00 min
Lab File: VU028375.D
Acq: 28 Nov 2018 18:57

Tgt Ion:152 Resp: 166496
Ion Ratio Lower Upper
152 100
115 63.4 45.0 134.8
150 157.6 0.0 349.2

