

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU112818\
 Data File : VU028373.D
 Acq On : 28 Nov 2018 18:08
 Operator : MD/SY
 Sample : PB115109ZHE#02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB115109ZHE#02

Quant Time: Nov 29 06:57:28 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

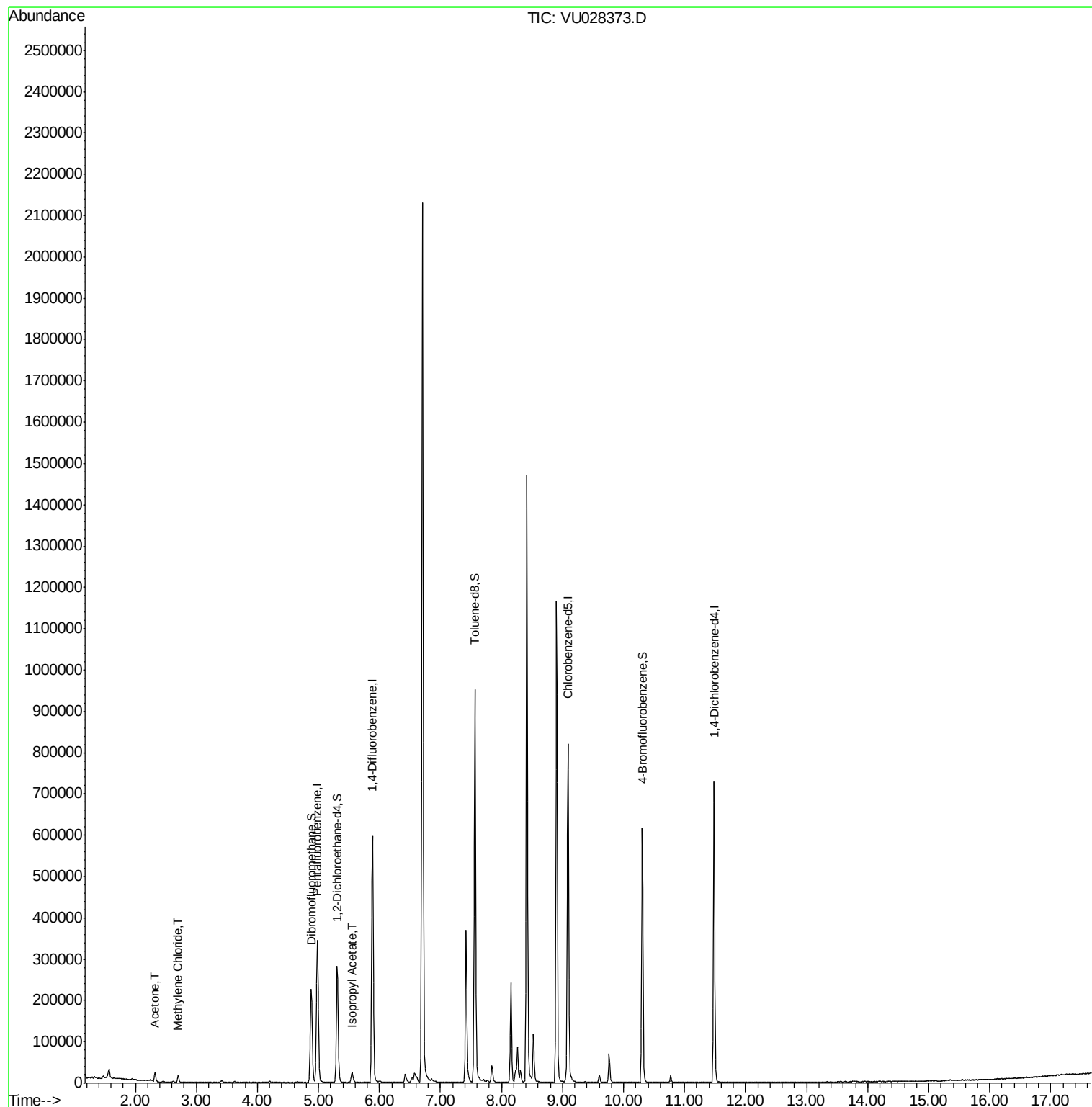
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	247623	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	472290	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	421080	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	171340	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	217829	52.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.28%	
35) Dibromofluoromethane	4.88	113	156604	49.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.74%	
50) Toluene-d8	7.57	98	612508	48.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.54%	
62) 4-Bromofluorobenzene	10.31	95	206133	45.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.06%	
Target Compounds						
16) Acetone	2.32	43	23634	9.336	ug/l	97
20) Methylene Chloride	2.70	84	6904	1.862	ug/l	90
43) Isopropyl Acetate	5.55	43	31917	2.860	ug/l	99

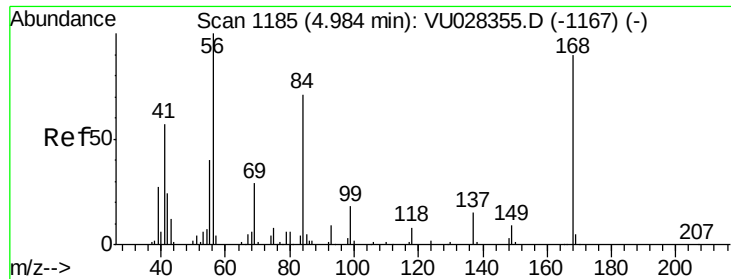
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU028373.D

Acq: 28 Nov 2018 18:08

Instrument :

MSVOA_U

ClientSampleId :

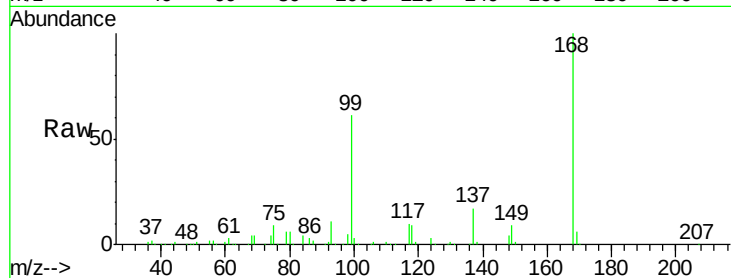
PB115109ZHE#02

Tot Ion:168 Resp: 247623

Ion Ratio Lower Upper

168 100

99 61.2 49.6 74.4



Abundance Ion 167.90 (167.60 to 168.60): VU028355.D (-1167) (-)

Ion 98.90 (98.60 to 99.60): VU028355.D (-1167) (-)

4.98

120000

100000

80000

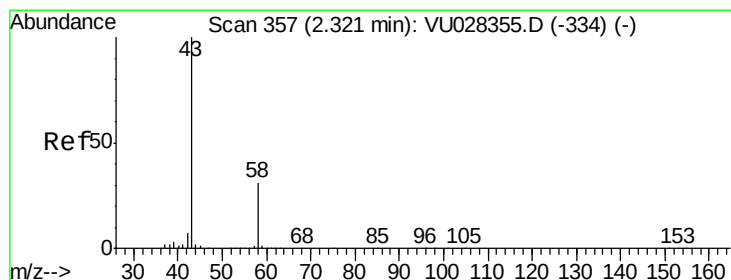
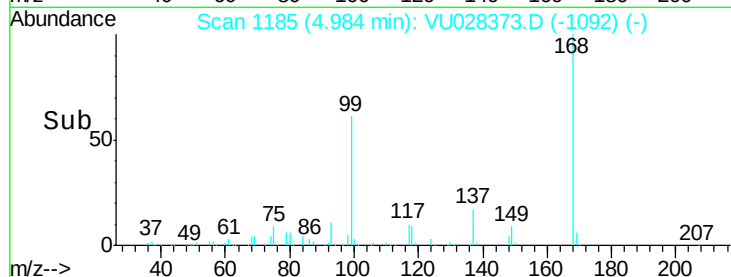
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 9.336 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU028373.D

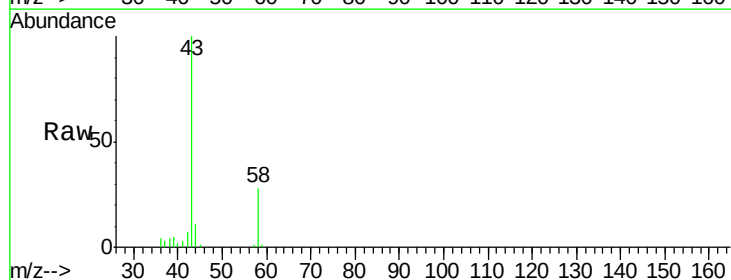
Acq: 28 Nov 2018 18:08

Tgt Ion: 43 Resp: 23634

Ion Ratio Lower Upper

43 100

58 28.9 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU028355.D (-334) (-)

Ion 58.00 (57.70 to 58.70): VU028355.D (-334) (-)

2.32

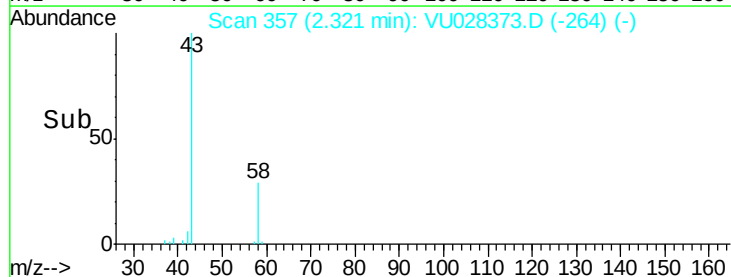
15000

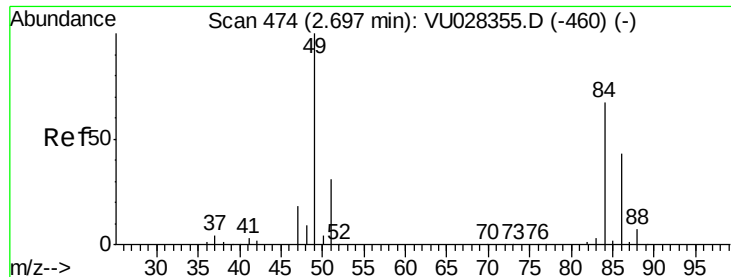
10000

5000

0

Time-->

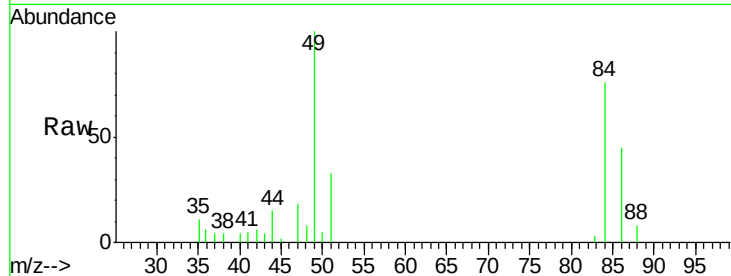




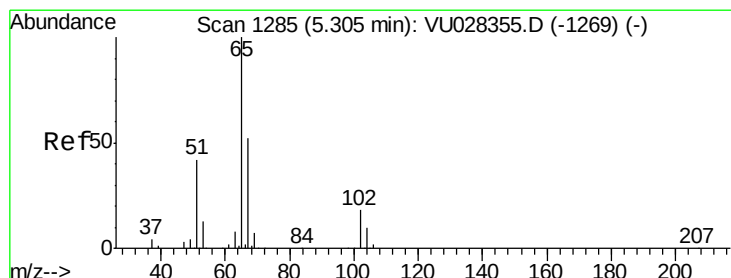
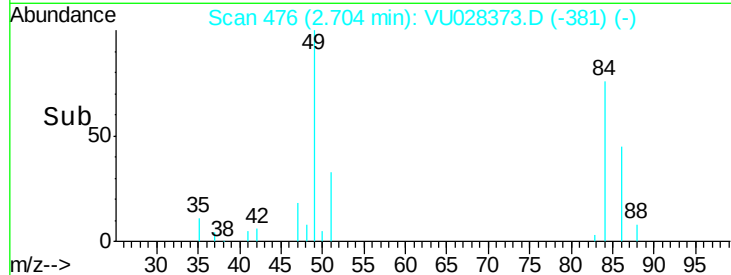
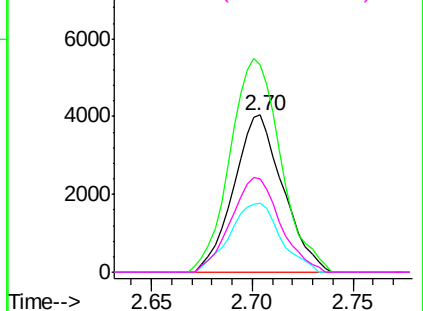
#20
Methylene Chloride
Concen: 1.862 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.01 min
Lab File: VU028373.D
Acq: 28 Nov 2018 18:08

Instrument :
MSVOA_U
ClientSampleId :
PB115109ZHE#02

Tot Ion: 84 Resp: 6904
Ion Ratio Lower Upper
84 100
49 131.8 120.0 180.0
51 43.8 36.9 55.3
86 59.2 51.1 76.7

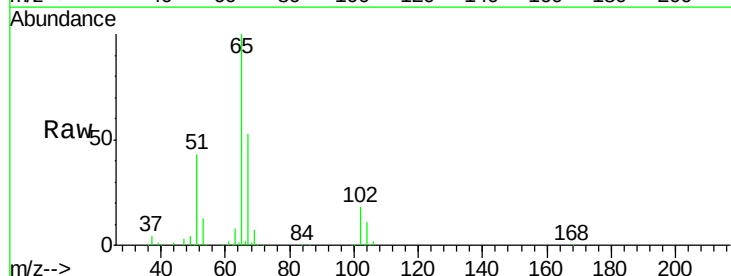


Abundance Ion 83.90 (83.60 to 84.60): VU0
Ion 48.90 (48.60 to 49.60): VU0
Ion 50.90 (50.60 to 51.60): VU0
Ion 85.90 (85.60 to 86.60): VU0

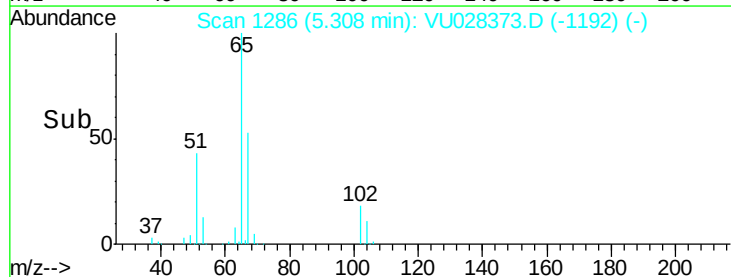
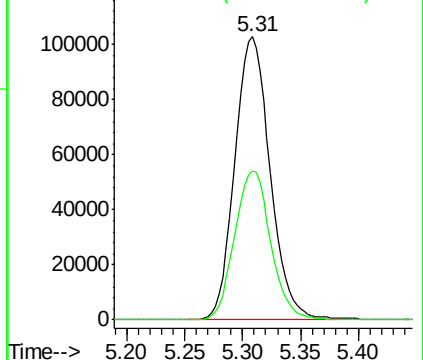


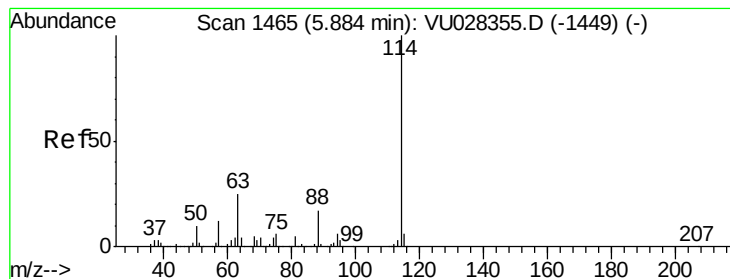
#33
1,2-Dichloroethane-d4
Concen: 52.636 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. 0.00 min
Lab File: VU028373.D
Acq: 28 Nov 2018 18:08

Tgt Ion: 65 Resp: 217829
Ion Ratio Lower Upper
65 100
67 53.7 0.0 106.8



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: 5.89 min Scan# 1466

Delta R.T. 0.00 min

Lab File: VU028373.D

Acq: 28 Nov 2018 18:08

Instrument :

MSVOA_U

ClientSampleId :

PB115109ZHE#02

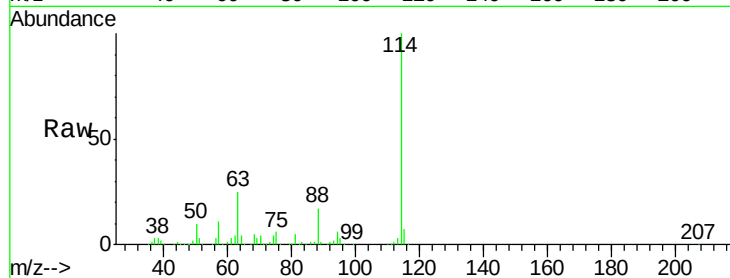
Tot Ion:114 Resp: 472290

Ion Ratio Lower Upper

114 100

63 24.6 0.0 50.0

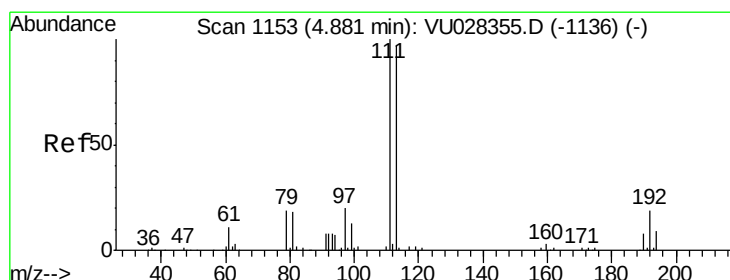
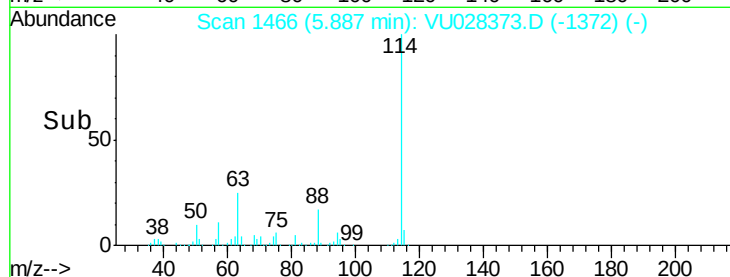
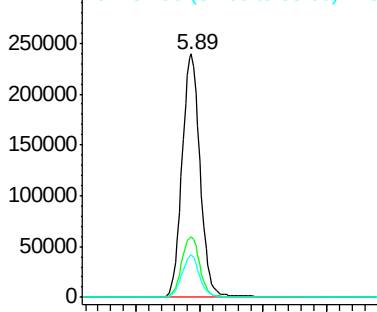
88 17.4 0.0 34.4



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: 49.865 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. 0.00 min

Lab File: VU028373.D

Acq: 28 Nov 2018 18:08

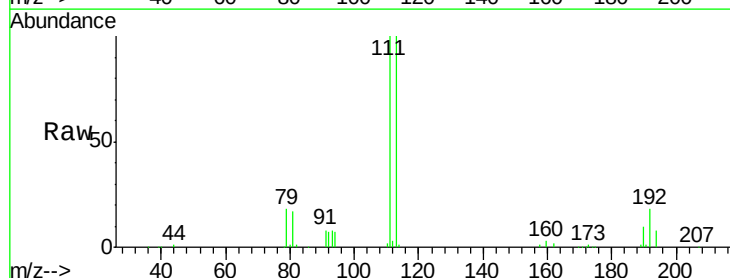
Tgt Ion:113 Resp: 156604

Ion Ratio Lower Upper

113 100

111 103.8 82.9 124.3

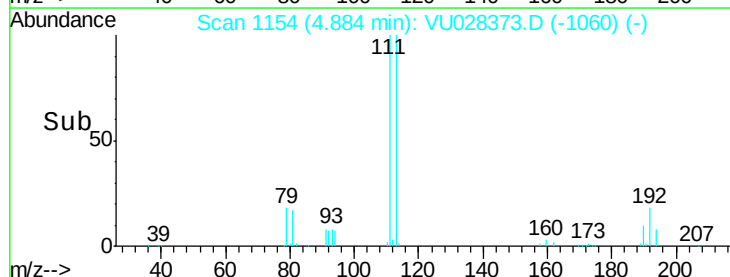
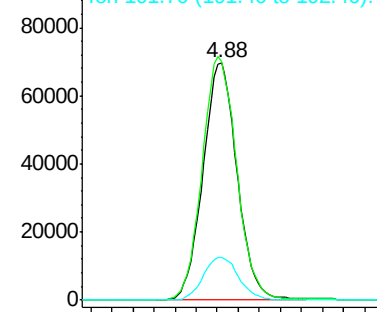
192 18.8 15.4 23.0

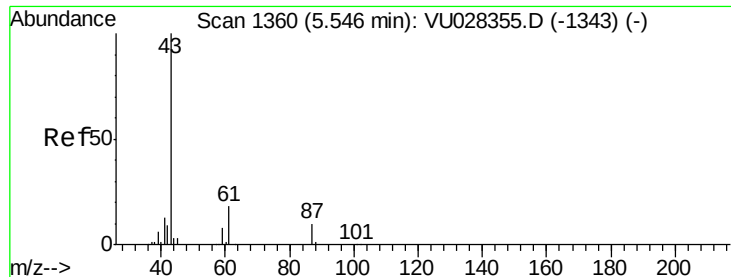


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.860 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.01 min

Lab File: VU028373.D

Acq: 28 Nov 2018 18:08

Instrument :

MSVOA_U

ClientSampleId :

PB115109ZHE#02

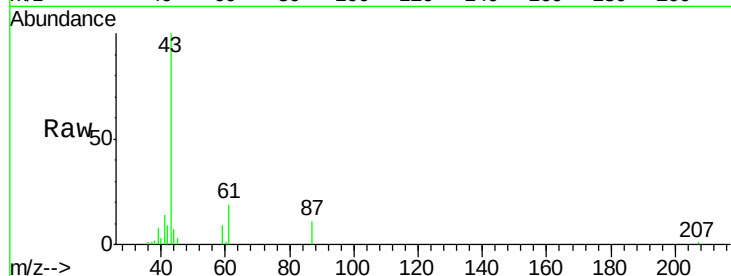
Tot Ion: 43 Resp: 31917

Ion Ratio Lower Upper

43 100

61 18.5 14.5 21.7

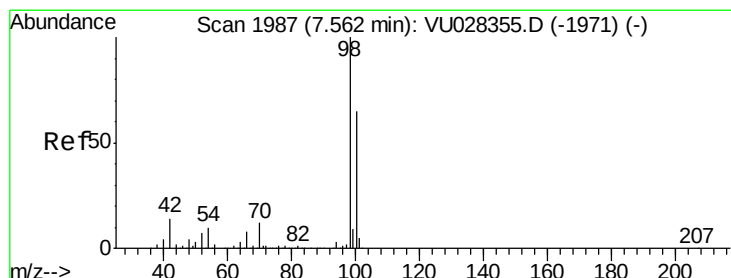
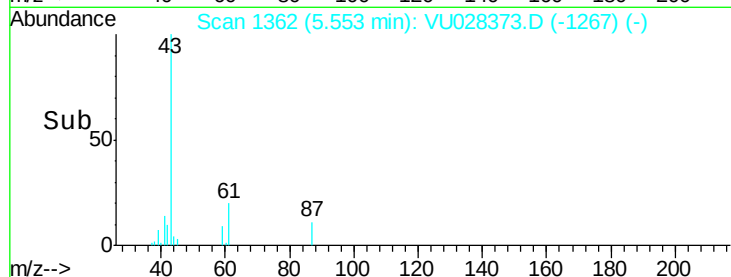
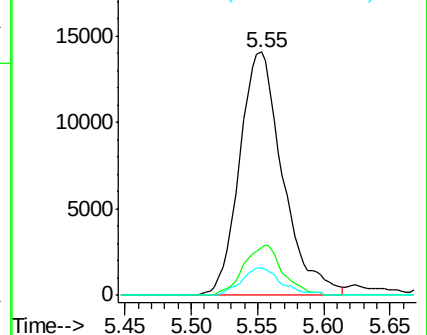
87 10.4 8.4 12.6



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: 48.767 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VU028373.D

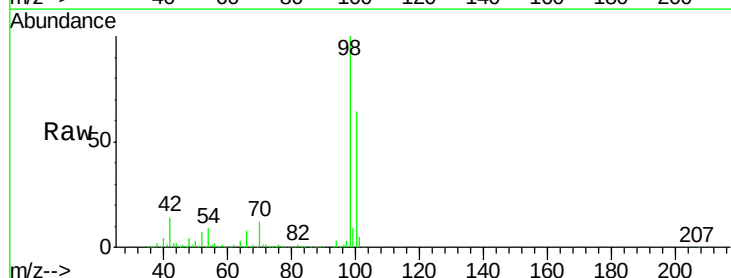
Acq: 28 Nov 2018 18:08

Tgt Ion: 98 Resp: 612508

Ion Ratio Lower Upper

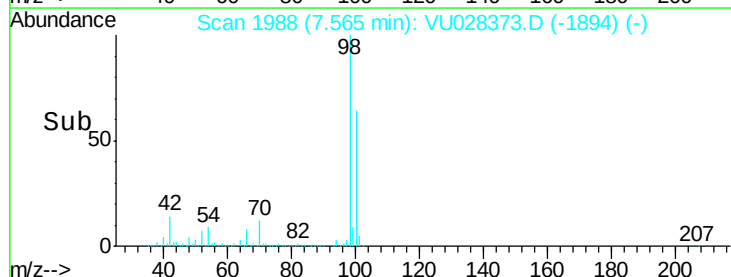
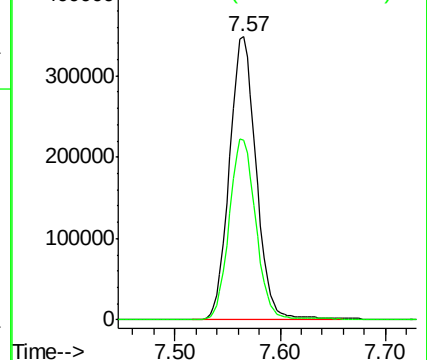
98 100

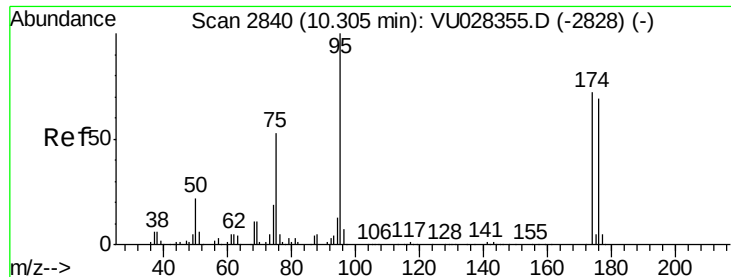
100 64.0 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU0

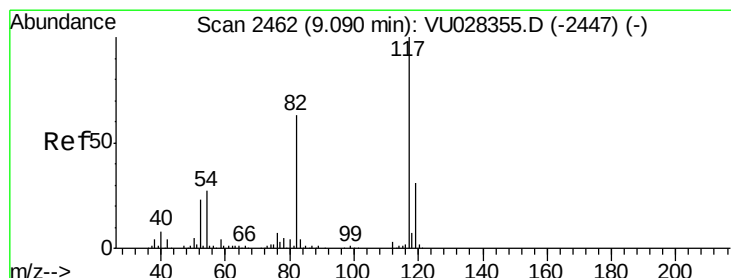
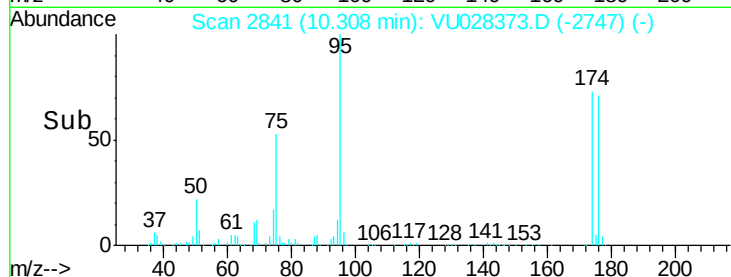
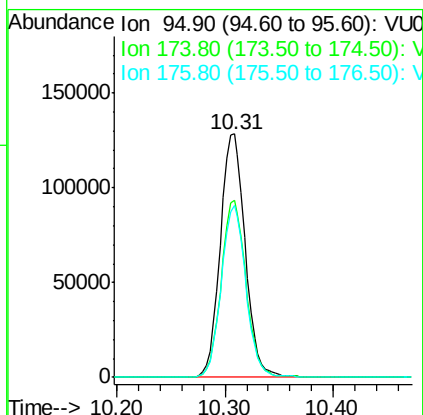
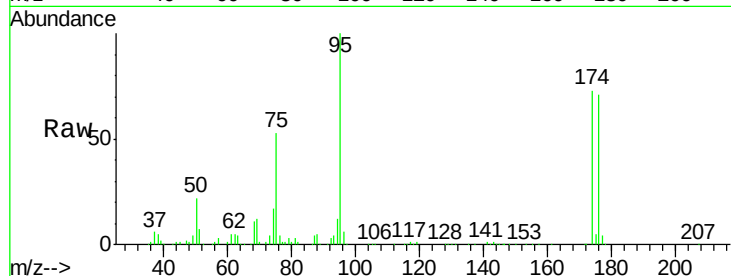




#62
4-Bromofluorobenzene
Concen: 45.535 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU028373.D
Acq: 28 Nov 2018 18:08

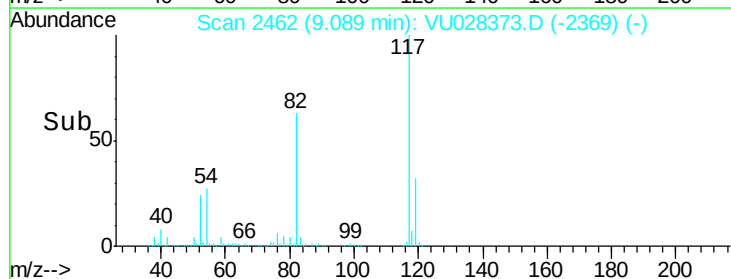
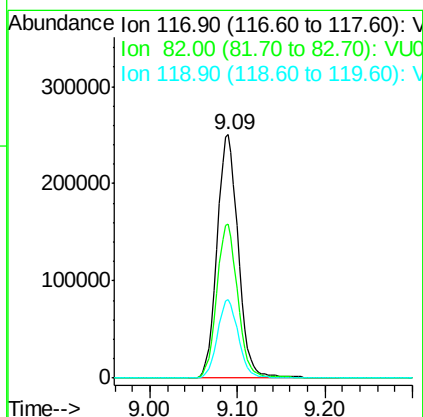
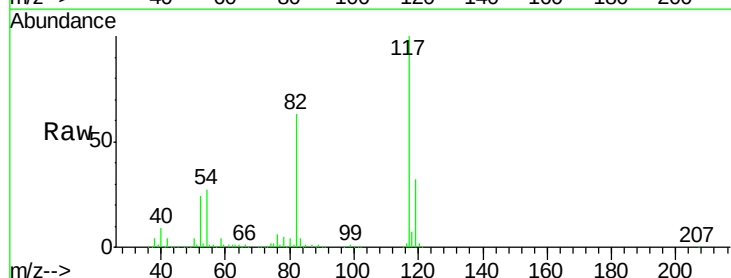
Instrument :
MSVOA_U
ClientSampleId :
PB115109ZHE#02

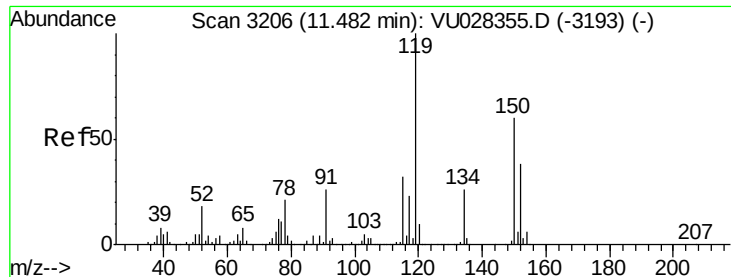
Tot Ion: 95 Resp: 206133
Ion Ratio Lower Upper
95 100
174 72.7 0.0 145.4
176 70.1 0.0 140.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028373.D
Acq: 28 Nov 2018 18:08

Tgt Ion: 117 Resp: 421080
Ion Ratio Lower Upper
117 100
82 63.1 50.3 75.5
119 32.1 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: VU028373.D

Acq: 28 Nov 2018 18:08

Instrument :

MSVOA_U

ClientSampleId :

PB115109ZHE#02

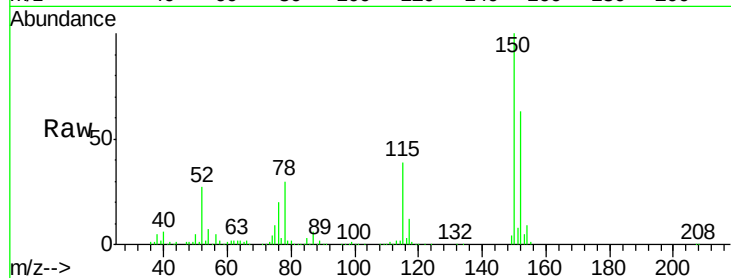
Tot Ion:152 Resp: 171340

Ion Ratio Lower Upper

152 100

115 61.1 45.0 134.8

150 158.8 0.0 349.2



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

