

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112818\
 Data File : VU028376.D
 Acq On : 28 Nov 2018 19:21
 Operator : MD/SY
 Sample : PB115109ZHE#05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB115109ZHE#05

Quant Time: Nov 29 07:04:19 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

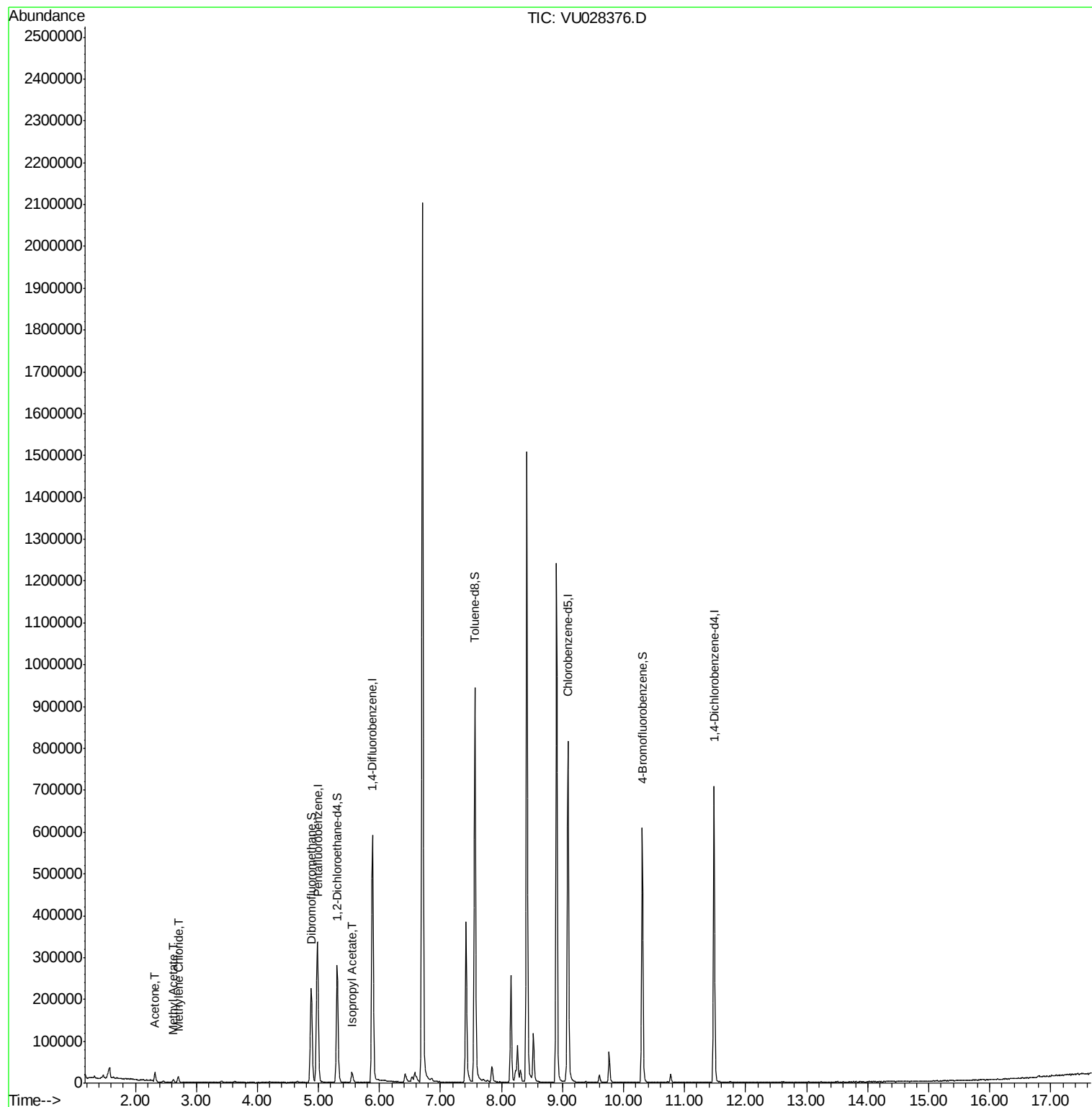
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	243790	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	465156	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	418120	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	167482	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	210879	51.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.52%	
35) Dibromofluoromethane	4.88	113	155056	50.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.26%	
50) Toluene-d8	7.57	98	608313	49.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.36%	
62) 4-Bromofluorobenzene	10.30	95	203793	45.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.42%	
Target Compounds						
16) Acetone	2.32	43	22796	9.146	ug/l	90
18) Methyl Acetate	2.62	43	7707	1.111	ug/l	96
20) Methylene Chloride	2.70	84	5184	1.403	ug/l	98
43) Isopropyl Acetate	5.55	43	31226	2.841	ug/l	97

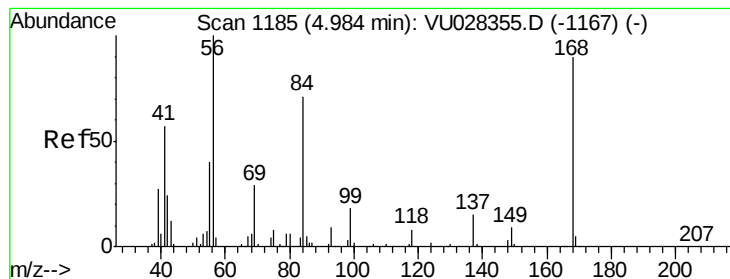
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Nov 29 01:04:49 2018
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: VU028376.D

Acq: 28 Nov 2018 19:21

Instrument :

MSVOA_U

ClientSampleId :

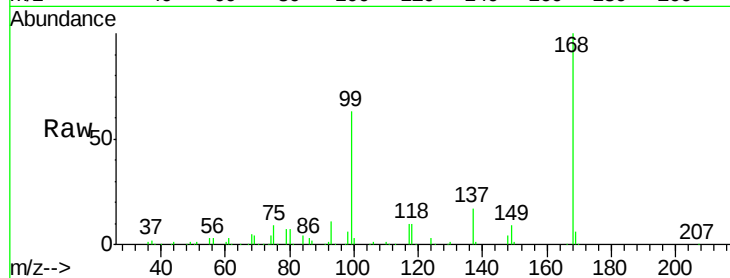
PB115109ZHE#05

Tot Ion:168 Resp: 243790

Ion Ratio Lower Upper

168 100

99 63.2 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

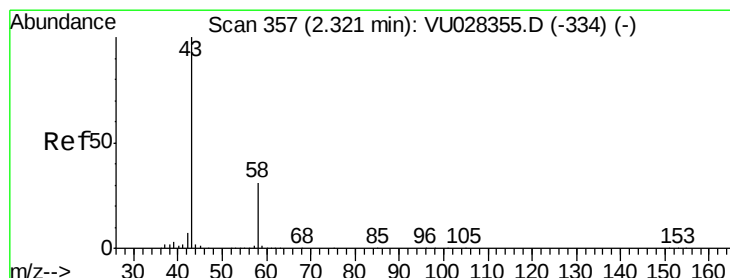
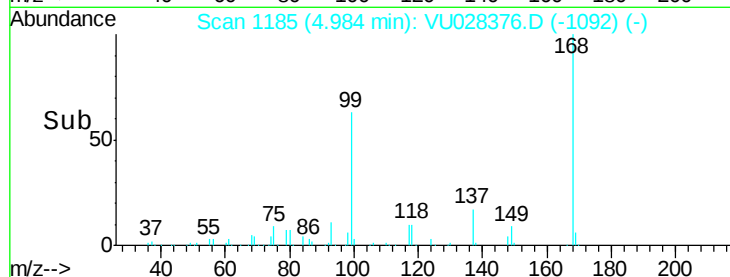
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 9.146 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU028376.D

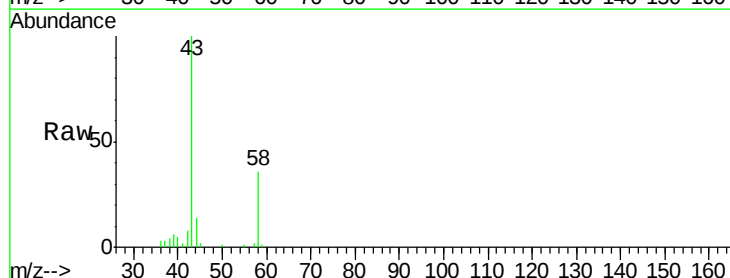
Acq: 28 Nov 2018 19:21

Tgt Ion: 43 Resp: 22796

Ion Ratio Lower Upper

43 100

58 35.8 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

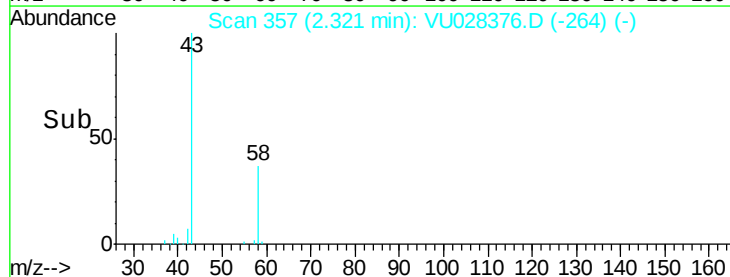
15000

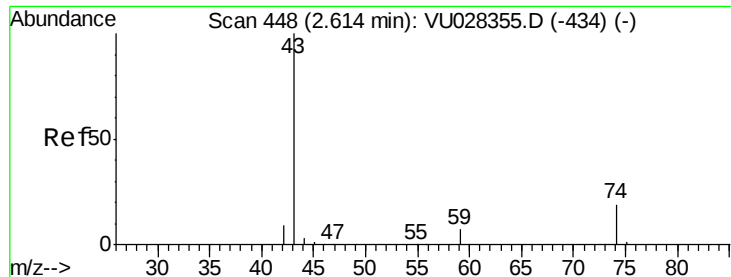
10000

5000

0

Time-->

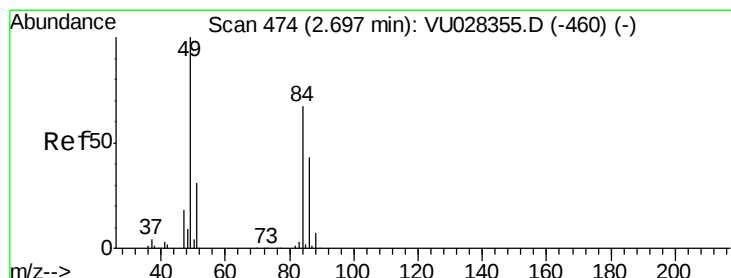
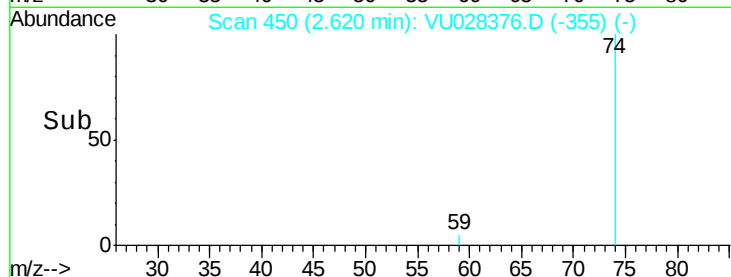
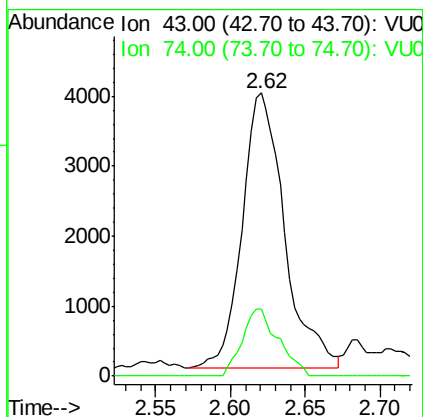
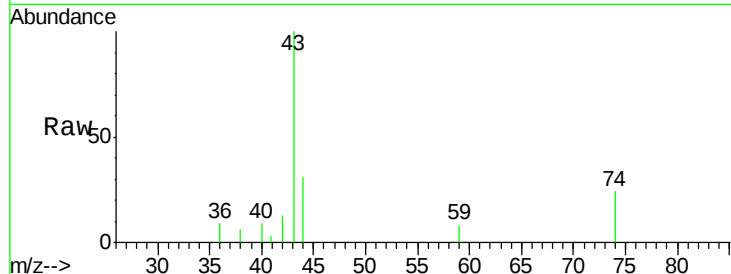




#18
Methvl Acetate
Concen: 1.111 ug/l
RT: 2.62 min Scan# 450
Delta R.T. 0.01 min
Lab File: VU028376.D
Acq: 28 Nov 2018 19:21

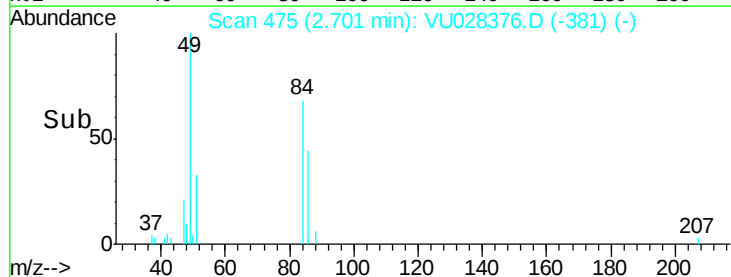
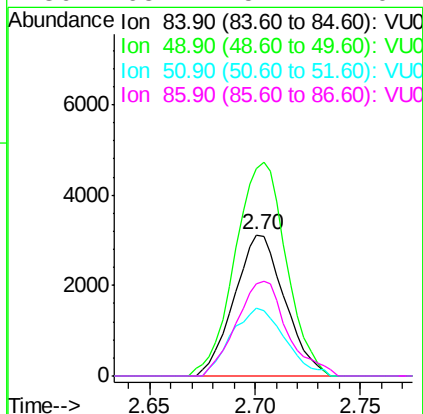
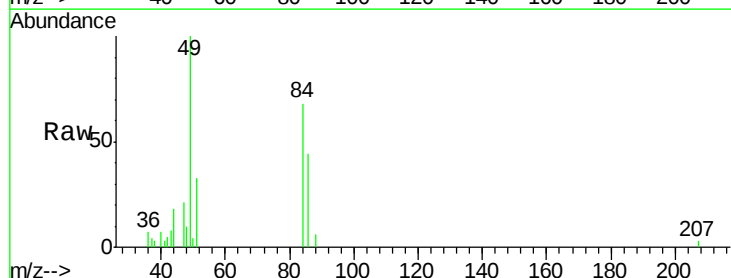
Instrument :
MSVOA_U
ClientSampleId :
PB115109ZHE#05

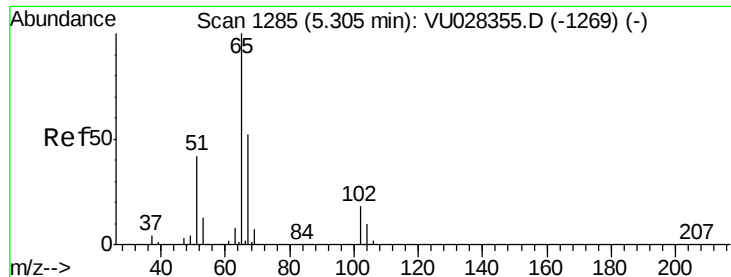
Tot Ion: 43 Resp: 7707
Ion Ratio Lower Upper
43 100
74 20.9 15.3 22.9



#20
Methylene Chloride
Concen: 1.403 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU028376.D
Acq: 28 Nov 2018 19:21

Tgt Ion: 84 Resp: 5184
Ion Ratio Lower Upper
84 100
49 147.1 120.0 180.0
51 48.0 36.9 55.3
86 65.4 51.1 76.7





#33

1,2-Dichloroethane-d4

Concen: 51.758 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. 0.00 min

Lab File: VU028376.D

Acq: 28 Nov 2018 19:21

Instrument :

MSVOA_U

ClientSampleId :

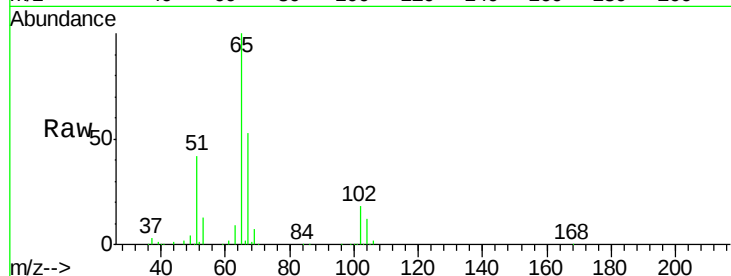
PB115109ZHE#05

Tot Ion: 65 Resp: 210879

Ion Ratio Lower Upper

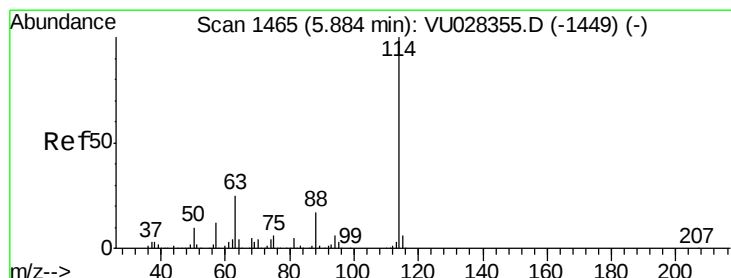
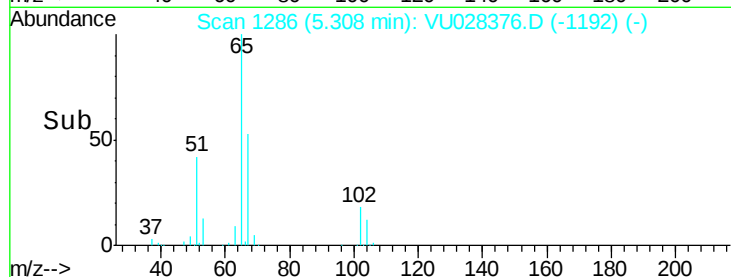
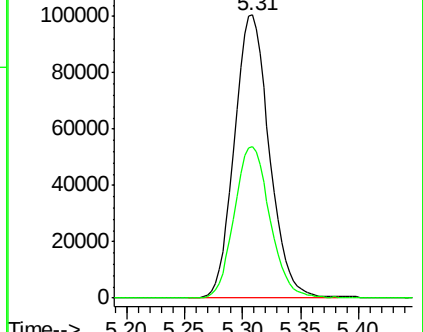
65 100

67 54.6 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VU028355.D (-1269) (-)

Ion 66.90 (66.60 to 67.60): VU028355.D (-1269) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1466

Delta R.T. 0.00 min

Lab File: VU028376.D

Acq: 28 Nov 2018 19:21

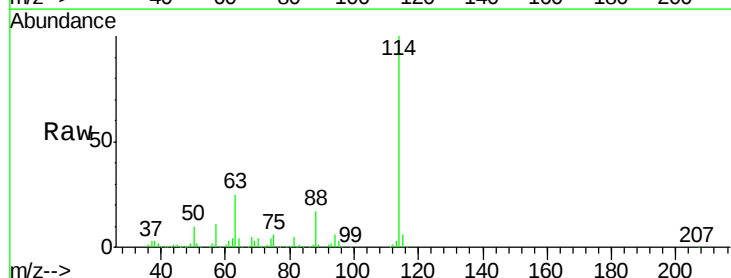
Tgt Ion: 114 Resp: 465156

Ion Ratio Lower Upper

114 100

63 24.9 0.0 50.0

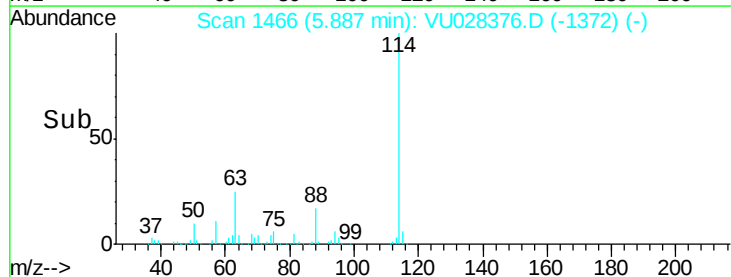
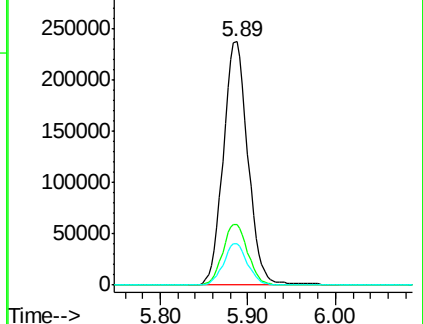
88 16.9 0.0 34.4

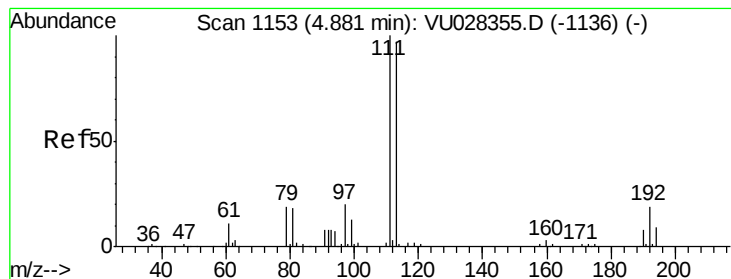


Abundance Ion 113.90 (113.60 to 114.60): VU028355.D (-1449) (-)

Ion 63.00 (62.70 to 63.70): VU028355.D (-1449) (-)

Ion 87.90 (87.60 to 88.60): VU028355.D (-1449) (-)





#35

Dibromofluoromethane

Concen: 50.130 ug/l

RT: 4.88 min Scan# 1153

Delta R.T. 0.00 min

Lab File: VU028376.D

Acq: 28 Nov 2018 19:21

Instrument :

MSVOA_U

ClientSampleId :

PB115109ZHE#05

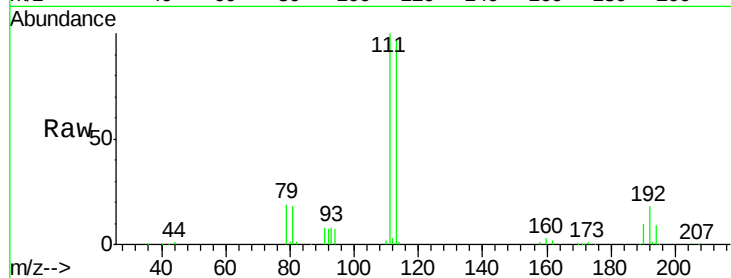
Tot Ion:113 Resp: 155056

Ion Ratio Lower Upper

113 100

111 102.7 82.9 124.3

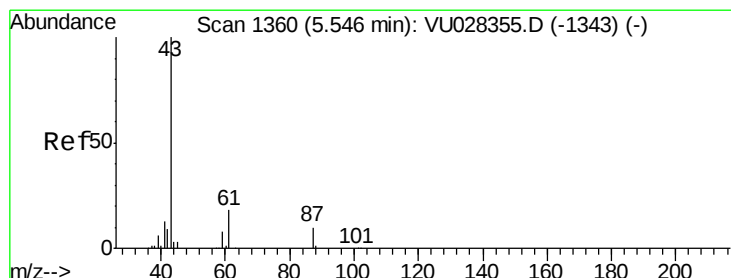
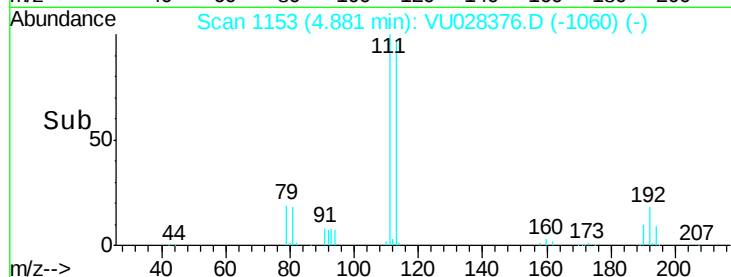
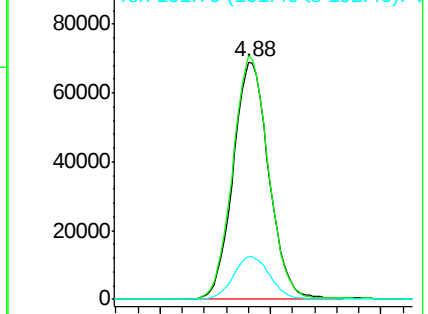
192 18.2 15.4 23.0



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: 2.841 ug/l

RT: 5.55 min Scan# 1361

Delta R.T. 0.00 min

Lab File: VU028376.D

Acq: 28 Nov 2018 19:21

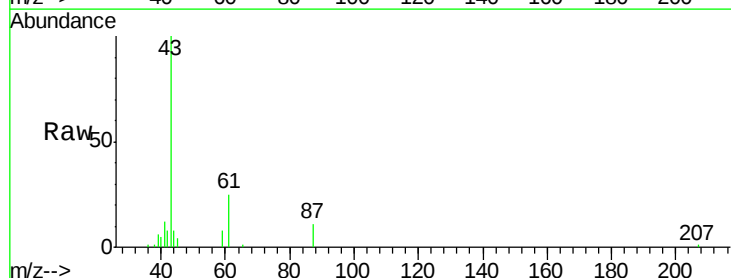
Tgt Ion: 43 Resp: 31226

Ion Ratio Lower Upper

43 100

61 20.1 14.5 21.7

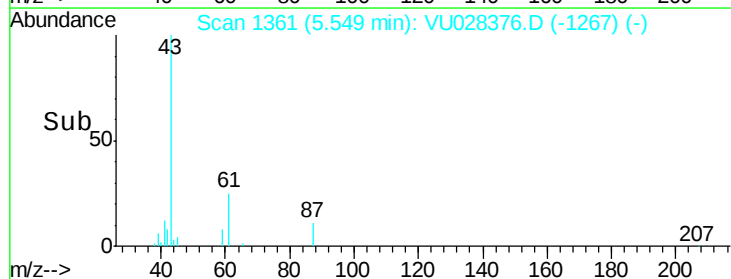
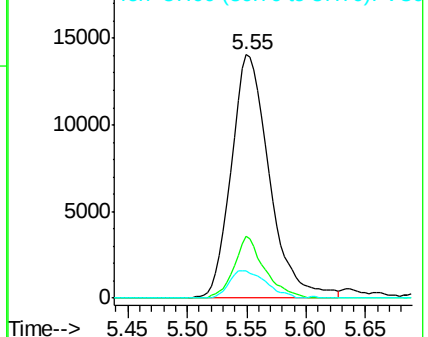
87 10.8 8.4 12.6

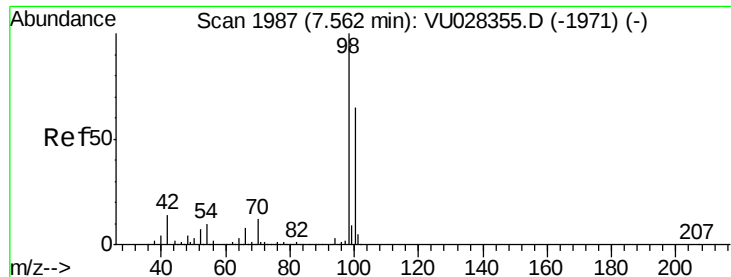


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#50

Toluene-d8

Concen: 49.176 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VU028376.D

Acq: 28 Nov 2018 19:21

Instrument :

MSVOA_U

ClientSampleId :

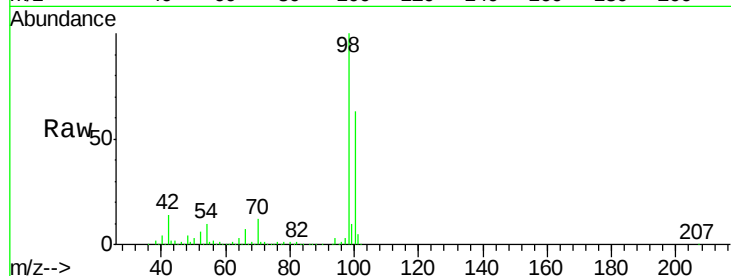
PB115109ZHE#05

Tot Ion: 98 Resp: 608313

Ion Ratio Lower Upper

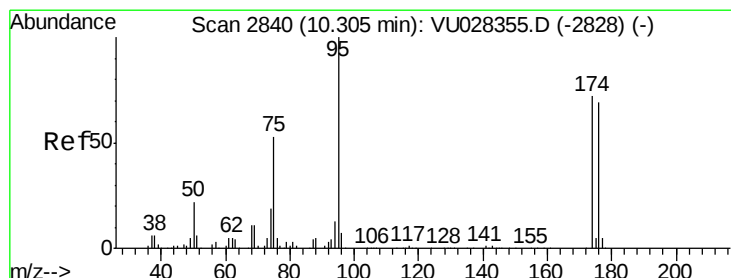
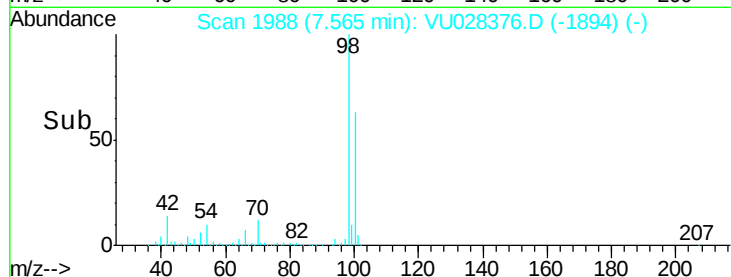
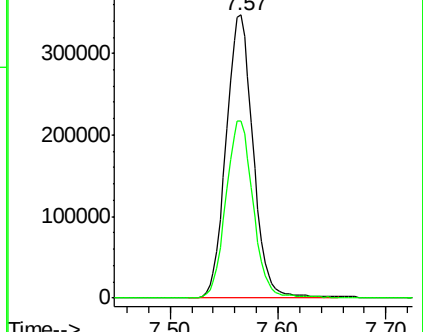
98 100

100 62.9 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VU028355.D (-1971) (-)

Ion 100.00 (99.70 to 100.70): VU028355.D (-1971) (-)



#62

4-Bromofluorobenzene

Concen: 45.708 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VU028376.D

Acq: 28 Nov 2018 19:21

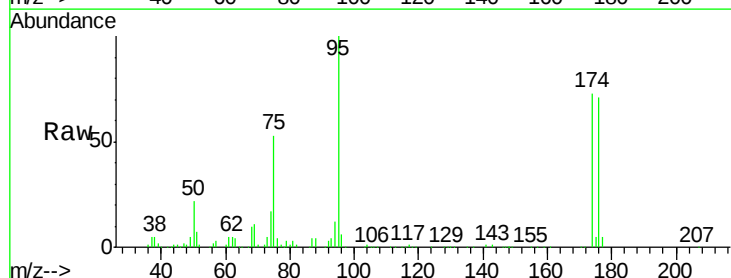
Tgt Ion: 95 Resp: 203793

Ion Ratio Lower Upper

95 100

174 72.7 0.0 145.4

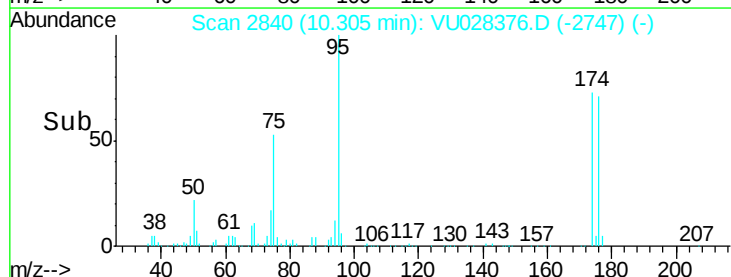
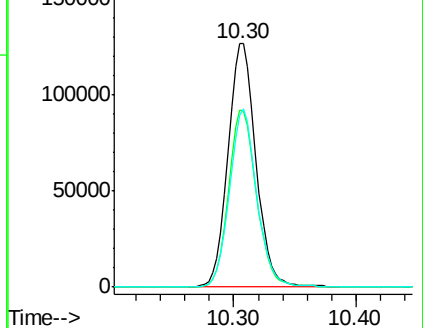
176 71.4 0.0 140.8

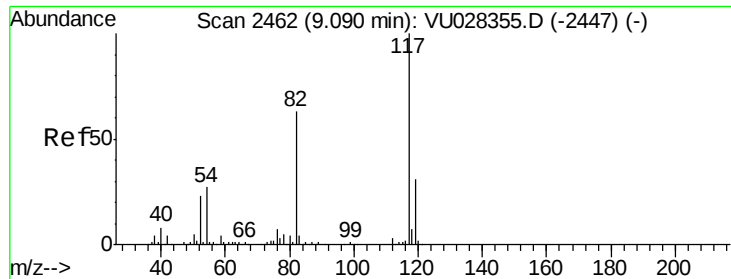


Abundance Ion 94.90 (94.60 to 95.60): VU028355.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU028355.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU028355.D (-2828) (-)

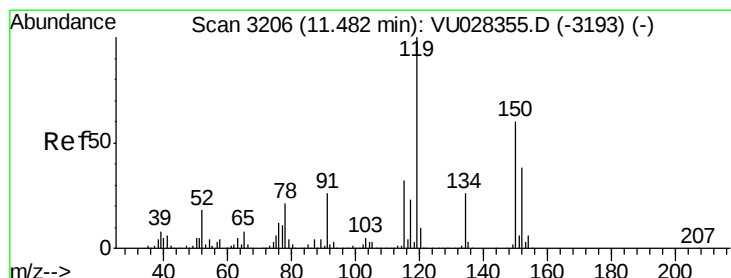
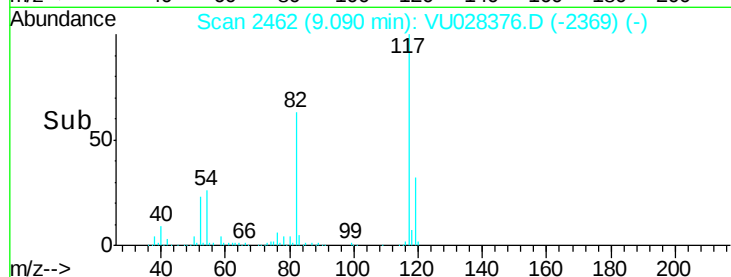
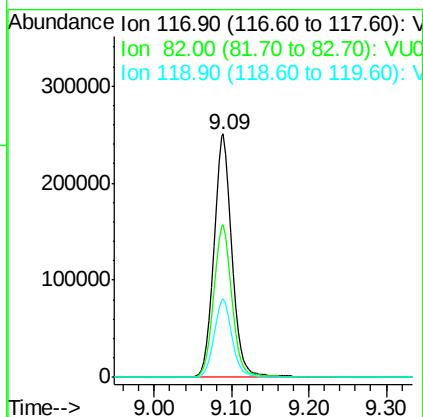
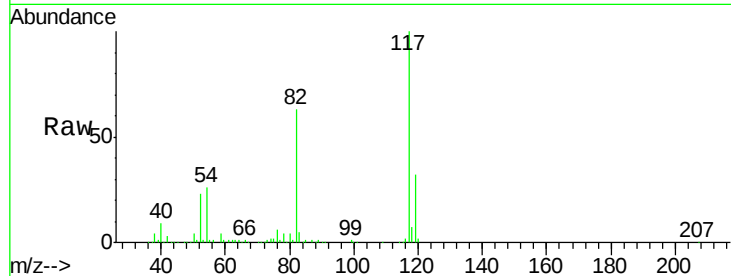




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU028376.D
Acq: 28 Nov 2018 19:21

Instrument :
MSVOA_U
ClientSampleId :
PB115109ZHE#05

Tot Ion:117 Resp: 418120
Ion Ratio Lower Upper
117 100
82 62.8 50.3 75.5
119 32.2 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: VU028376.D
Acq: 28 Nov 2018 19:21

Tgt Ion:152 Resp: 167482
Ion Ratio Lower Upper
152 100
115 62.4 45.0 134.8
150 155.7 0.0 349.2

