

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101018\
 Data File : VU027575.D
 Acq On : 10 Oct 2018 17:09
 Operator : MD/SY
 Sample : J5326-16
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FL-PIT-4

Quant Time: Oct 11 05:35:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 02:04:34 2018
 Response via : Initial Calibration

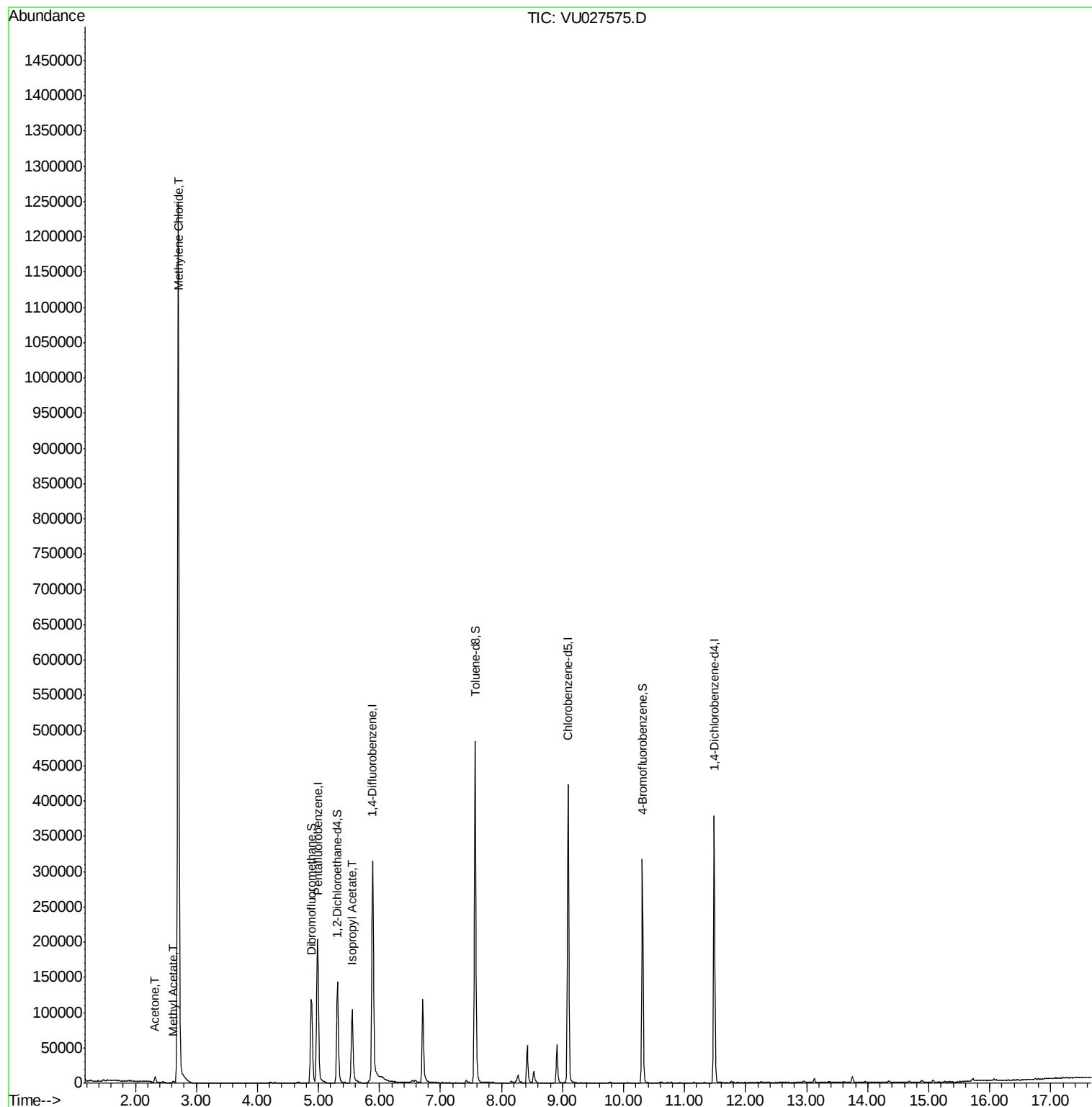
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	162319	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	263571	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	230951	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	97228	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	110016	40.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.18%	
35) Dibromofluoromethane	4.89	113	84534	46.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.60%	
50) Toluene-d8	7.57	98	327257	48.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.82%	
62) 4-Bromofluorobenzene	10.31	95	105617	42.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.08%	
Target Compounds						
16) Acetone	2.32	43	10094	6.304	ug/l	99
18) Methyl Acetate	2.62	43	3540	0.969	ug/l	99
20) Methylene Chloride	2.70	84	541389	242.729	ug/l	92
43) Isopropyl Acetate	5.55	43	127151	22.135	ug/l	99

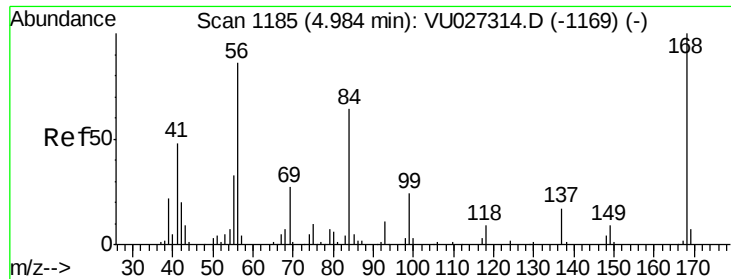
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101018\
Data File : VU027575.D
Acq On : 10 Oct 2018 17:09
Operator : MD/SY
Sample : J5326-16
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
FL-PIT-4

Quant Time: Oct 11 05:35:27 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 02:04:34 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027575.D

Acq: 10 Oct 2018 17:09

Instrument :

MSVOA_U

ClientSampleId :

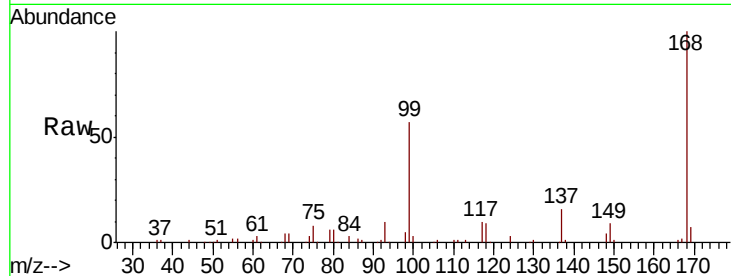
FL-PIT-4

Tot Ion:168 Resp: 162319

Ion Ratio Lower Upper

168 100

99 56.8 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): VU027314.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU027314.D (-1169) (-)

4.99

80000

60000

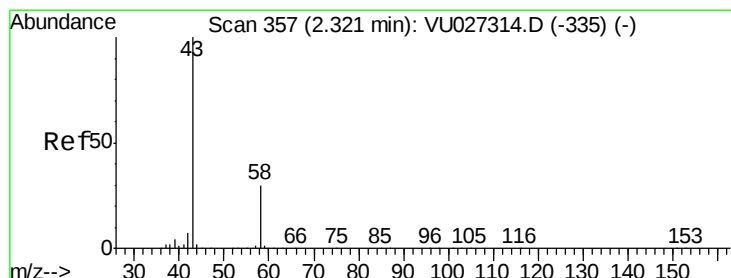
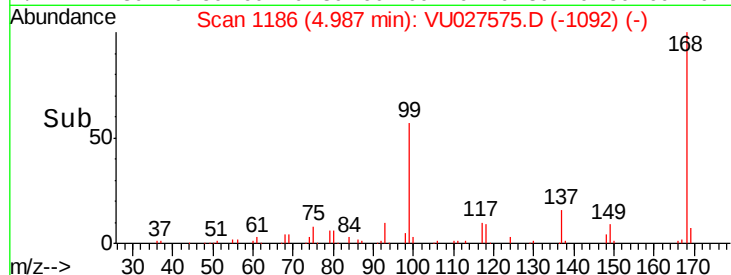
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#16

Acetone

Concen: 6.304 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027575.D

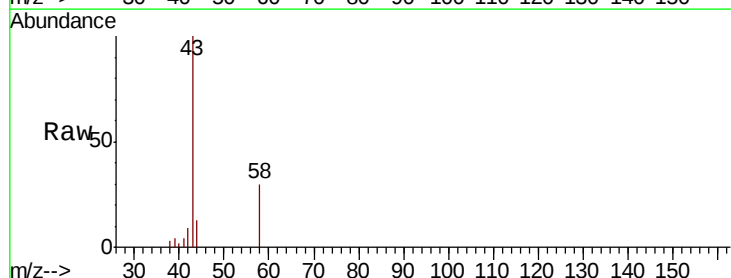
Acq: 10 Oct 2018 17:09

Tgt Ion: 43 Resp: 10094

Ion Ratio Lower Upper

43 100

58 29.6 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VU027314.D (-335) (-)

Ion 58.00 (57.70 to 58.70): VU027314.D (-335) (-)

2.32

6000

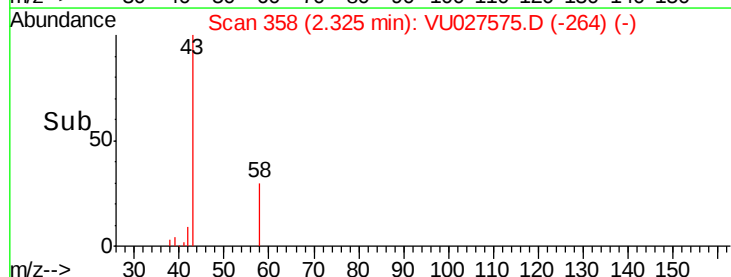
4000

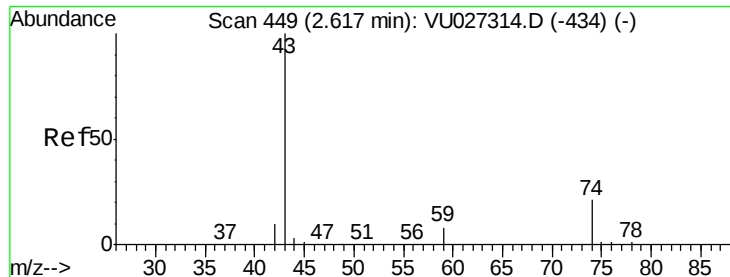
2000

0

Time-->

2.25 2.30 2.35 2.40

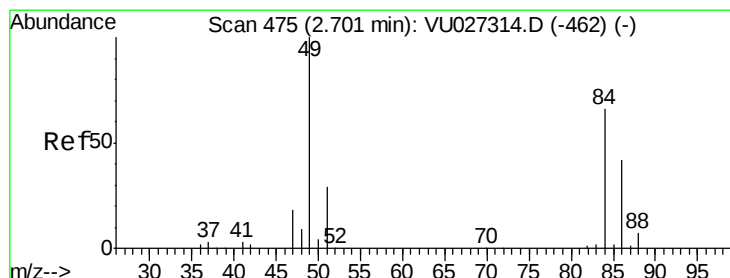
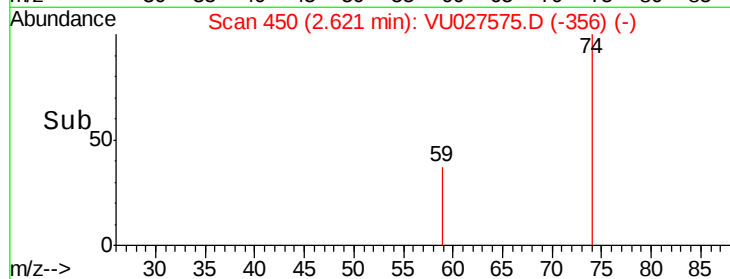
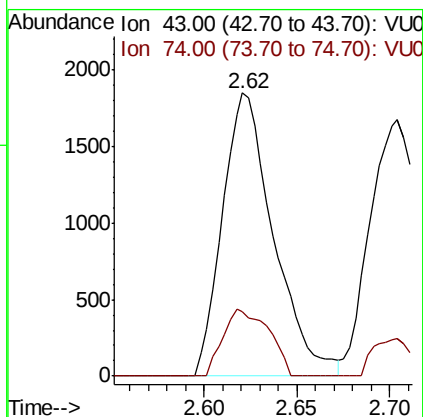
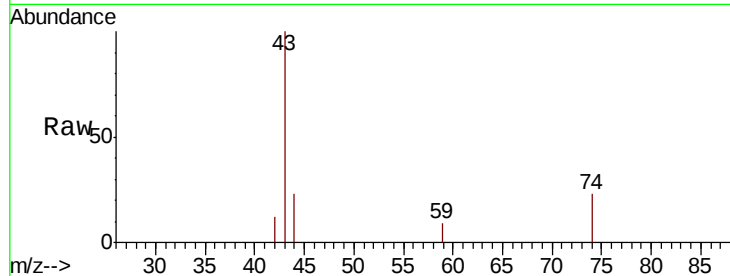




#18
Methvl Acetate
Concen: 0.969 ug/l
RT: 2.62 min Scan# 450
Delta R.T. 0.00 min
Lab File: VU027575.D
Acq: 10 Oct 2018 17:09

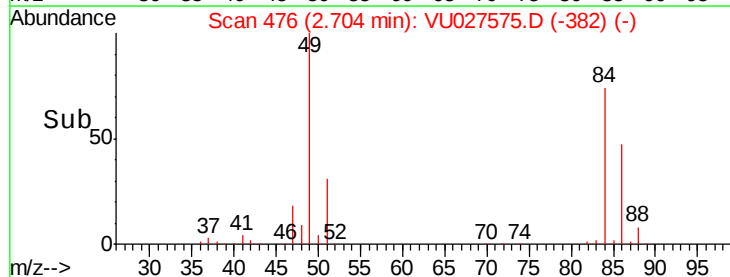
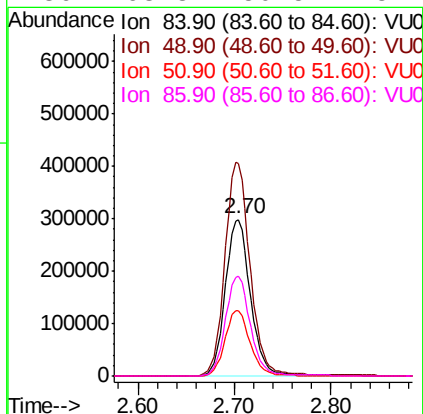
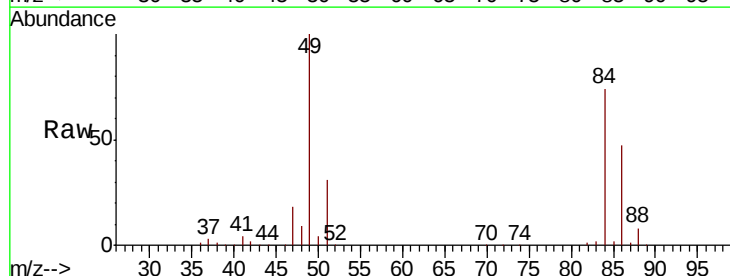
Instrument :
MSVOA_U
ClientSampleId :
FL-PIT-4

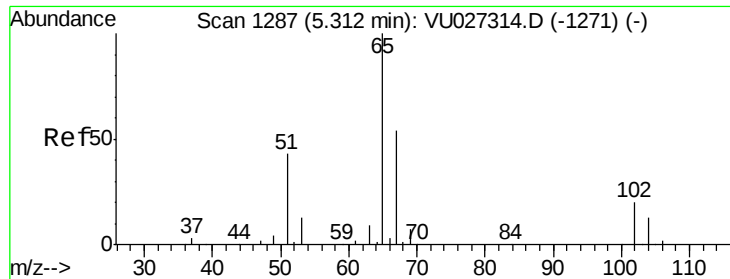
Tot Ion: 43 Resp: 3540
Ion Ratio Lower Upper
43 100
74 21.0 16.5 24.7



#20
Methylene Chloride
Concen: 242.729 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU027575.D
Acq: 10 Oct 2018 17:09

Tgt Ion: 84 Resp: 541389
Ion Ratio Lower Upper
84 100
49 135.7 120.5 180.7
51 42.0 35.1 52.7
86 63.8 50.5 75.7





#33

1,2-Dichloroethane-d4

Concen: 40.590 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VU027575.D

Acq: 10 Oct 2018 17:09

Instrument :

MSVOA_U

ClientSampleId :

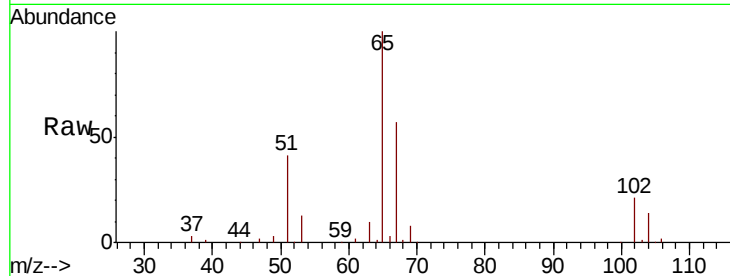
FL-PIT-4

Tot Ion: 65 Resp: 110016

Ion Ratio Lower Upper

65 100

67 53.9 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VU027314.D (-1271) (-)

Ion 66.90 (66.60 to 67.60): VU027314.D (-1271) (-)

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

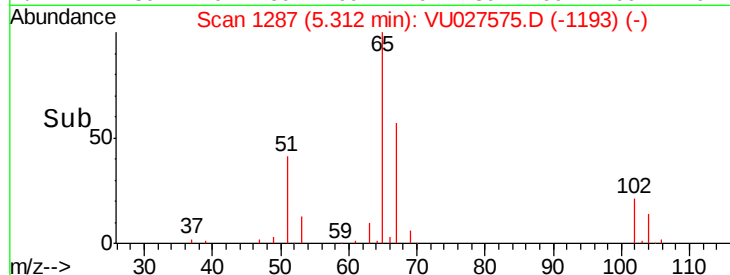
5.31

5.31

5.31

5.31

5.31



Abundance Ion 64.90 (64.60 to 65.60): VU027575.D (-1193) (-)

Ion 66.90 (66.60 to 67.60): VU027575.D (-1193) (-)

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

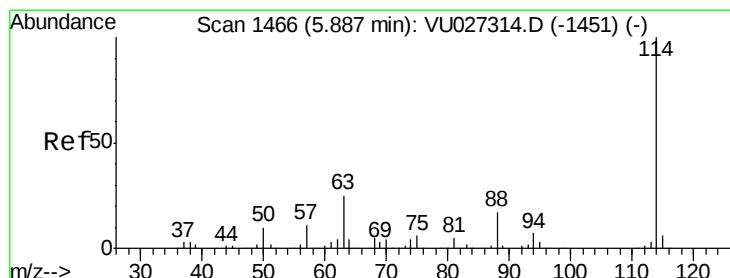
5.31

5.31

5.31

5.31

5.31



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1466

Delta R.T. 0.00 min

Lab File: VU027575.D

Acq: 10 Oct 2018 17:09

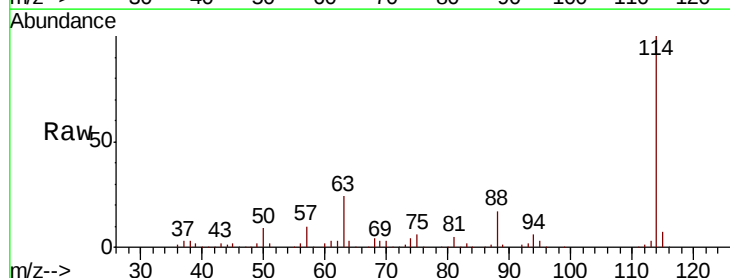
Tgt Ion: 114 Resp: 263571

Ion Ratio Lower Upper

114 100

63 23.5 0.0 50.2

88 16.6 0.0 33.8



Abundance Ion 113.90 (113.60 to 114.60): VU027314.D (-1451) (-)

Ion 63.00 (62.70 to 63.70): VU027314.D (-1451) (-)

Ion 87.90 (87.60 to 88.60): VU027314.D (-1451) (-)

5.89

5.89

5.89

5.89

5.89

5.89

5.89

5.89

5.89

5.89

5.89

5.89

5.89

5.89

5.89

5.89

5.89

5.89

5.89

5.89

5.89

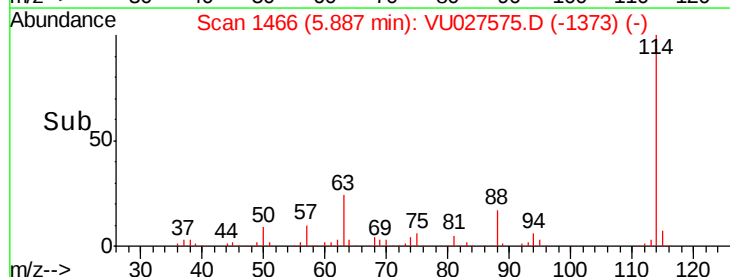
5.89

5.89

5.89

5.89

5.89



Abundance Ion 113.90 (113.60 to 114.60): VU027575.D (-1373) (-)

Ion 63.00 (62.70 to 63.70): VU027575.D (-1373) (-)

Ion 87.90 (87.60 to 88.60): VU027575.D (-1373) (-)

5.89

5.89

5.89

5.89

5.89

5.89

5.89

5.89

5.89

5.89

5.89

5.89

5.89

5.89

5.89

5.89

5.89

5.89

5.89

5.89

5.89

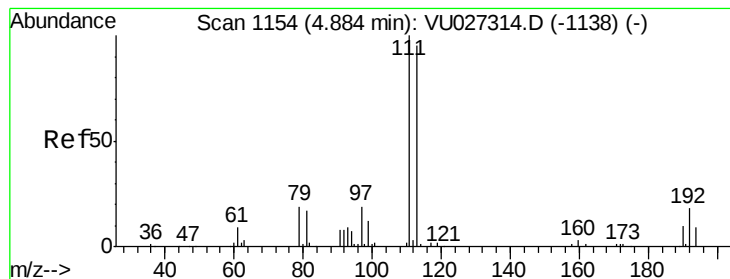
5.89

5.89

5.89

5.89

5.89



#35

Dibromofluoromethane

Concen: 46.799 ug/l

RT: 4.89 min Scan# 1155

Delta R.T. 0.00 min

Lab File: VU027575.D

Acq: 10 Oct 2018 17:09

Instrument :

MSVOA_U

ClientSampleId :

FL-PIT-4

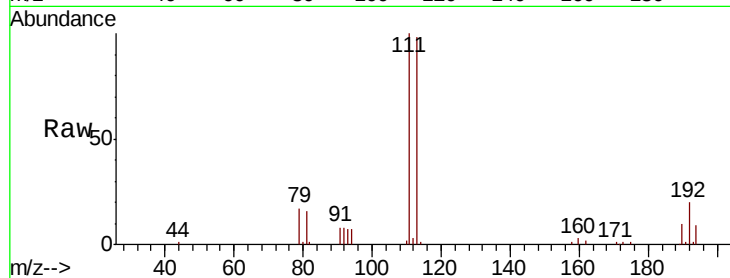
Tot Ion:113 Resp: 84534

Ion Ratio Lower Upper

113 100

111 102.3 83.1 124.7

192 20.1 15.4 23.0

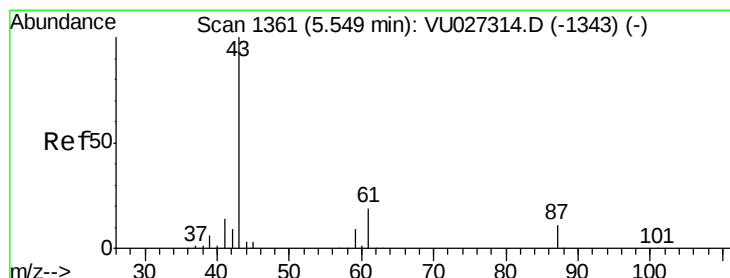
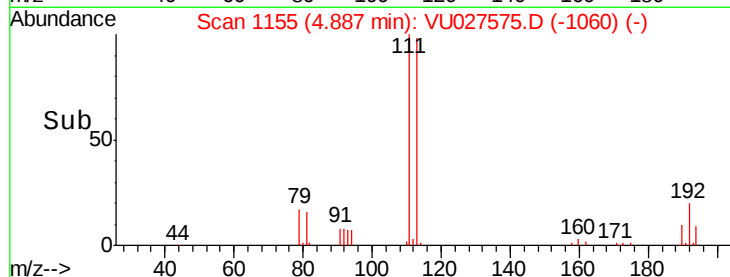
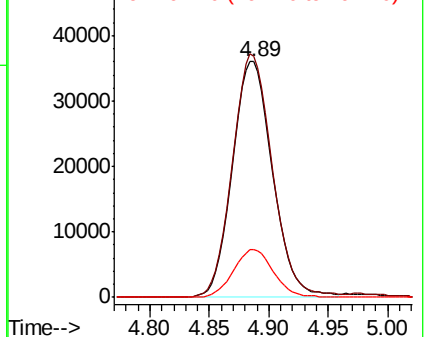


Abundance

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: 22.135 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VU027575.D

Acq: 10 Oct 2018 17:09

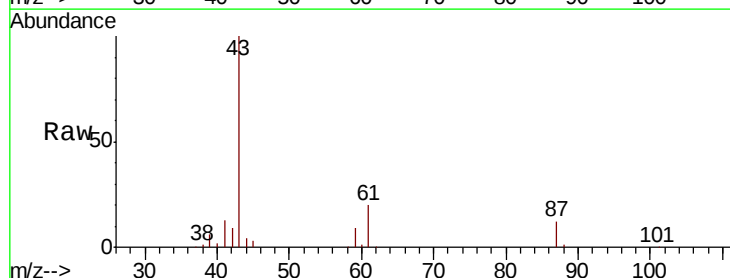
Tgt Ion: 43 Resp: 127151

Ion Ratio Lower Upper

43 100

61 19.8 15.3 22.9

87 11.3 8.6 13.0

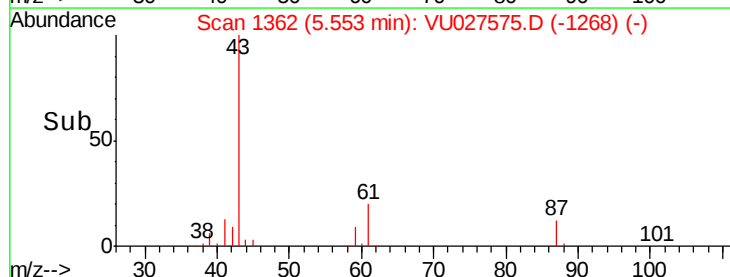
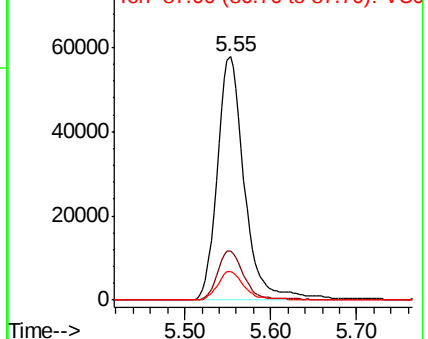


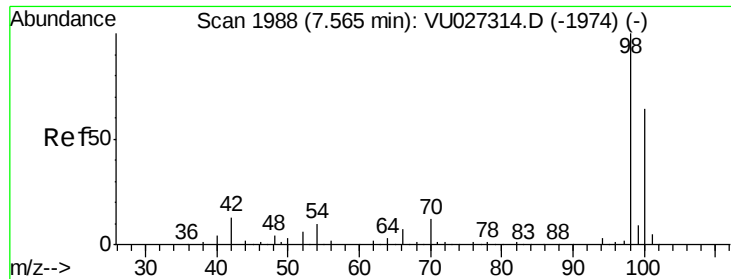
Abundance

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

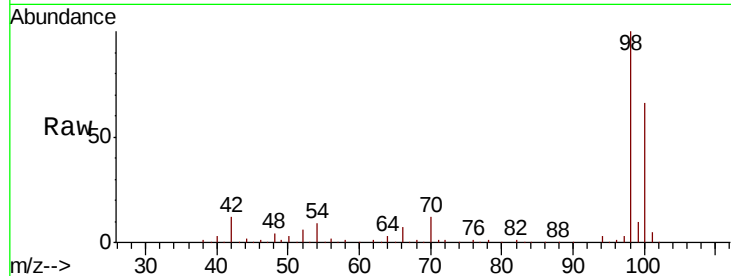




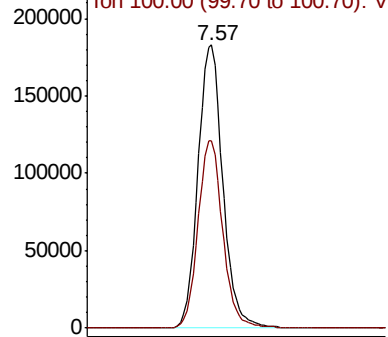
#50
Toluene-d8
Concen: 48.407 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU027575.D
Acq: 10 Oct 2018 17:09

Instrument :
MSVOA_U
ClientSampleId :
FL-PIT-4

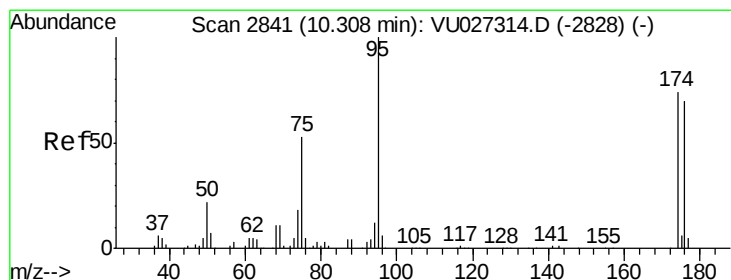
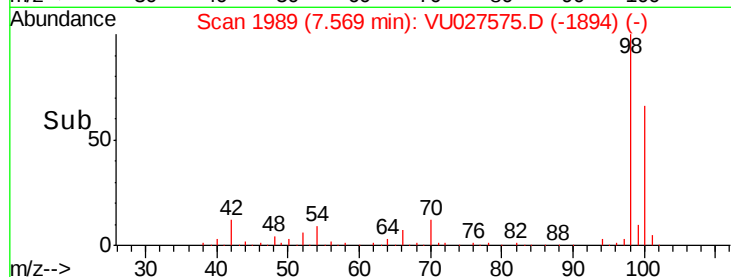
Tot Ion: 98 Resp: 327257
Ion Ratio Lower Upper
98 100
100 65.9 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU0
Ion 100.00 (99.70 to 100.70): VU

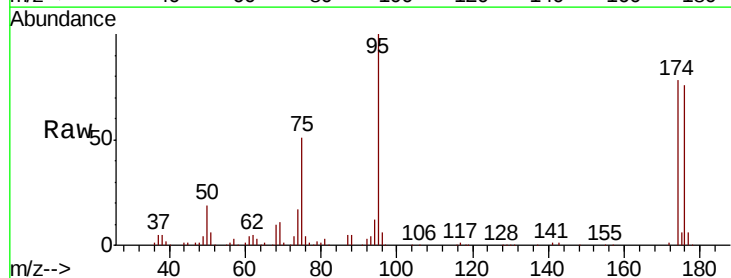


Time-->

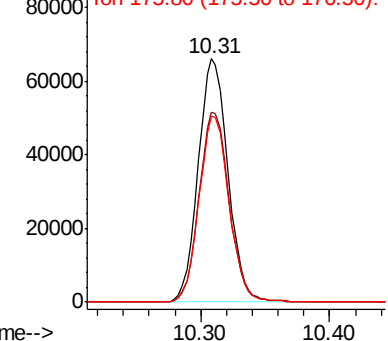


#62
4-Bromofluorobenzene
Concen: 42.037 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027575.D
Acq: 10 Oct 2018 17:09

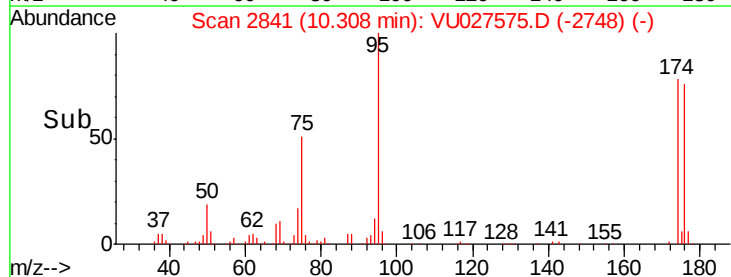
Tgt Ion: 95 Resp: 105617
Ion Ratio Lower Upper
95 100
174 78.9 0.0 147.8
176 77.5 0.0 140.8

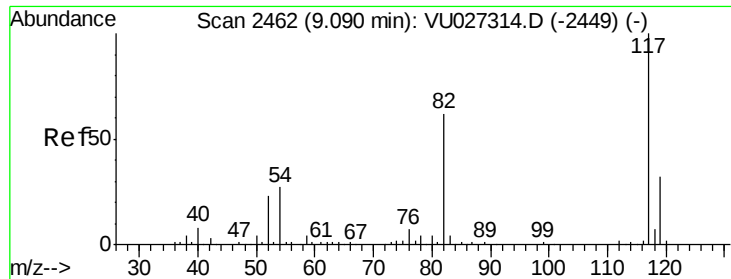


Abundance Ion 94.90 (94.60 to 95.60): VU0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V



Time-->

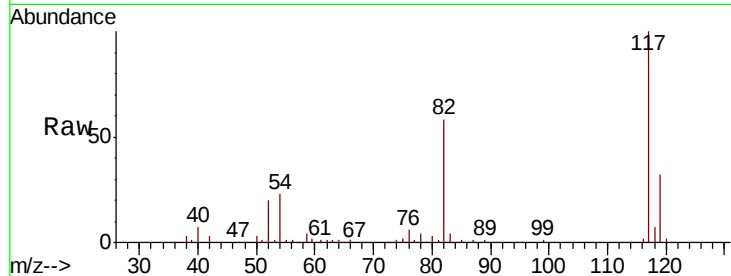




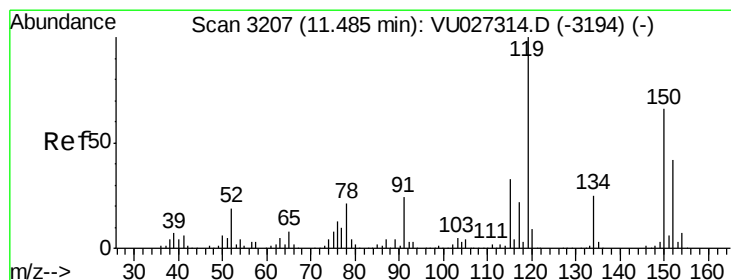
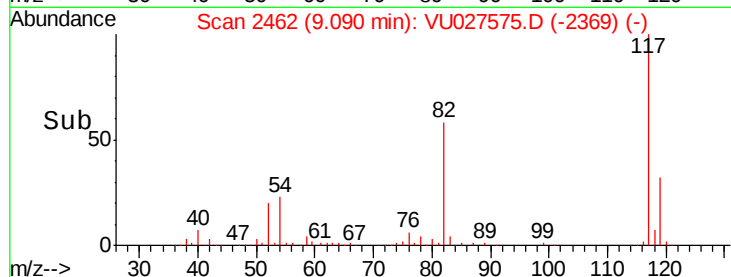
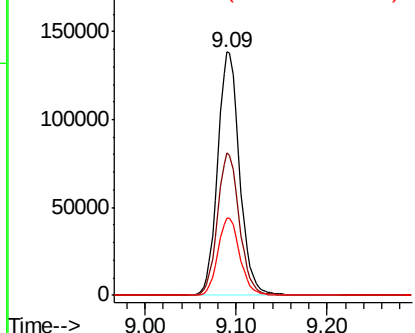
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU027575.D
Acq: 10 Oct 2018 17:09

Instrument :
MSVOA_U
ClientSampleId :
FL-PIT-4

Tot Ion:117 Resp: 230951
Ion Ratio Lower Upper
117 100
82 58.4 49.2 73.8
119 31.7 25.7 38.5

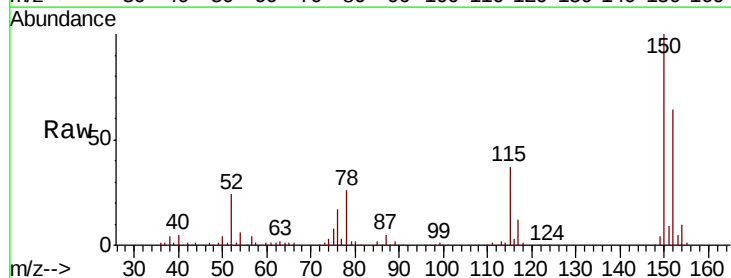


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027575.D
Acq: 10 Oct 2018 17:09

Tgt Ion:152 Resp: 97228
Ion Ratio Lower Upper
152 100
115 58.9 43.4 130.2
150 156.7 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

