

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101018\
 Data File : VU027578.D
 Acq On : 10 Oct 2018 18:19
 Operator : MD/SY
 Sample : J5326-28
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FL-PIT-7

Quant Time: Oct 11 05:40:25 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

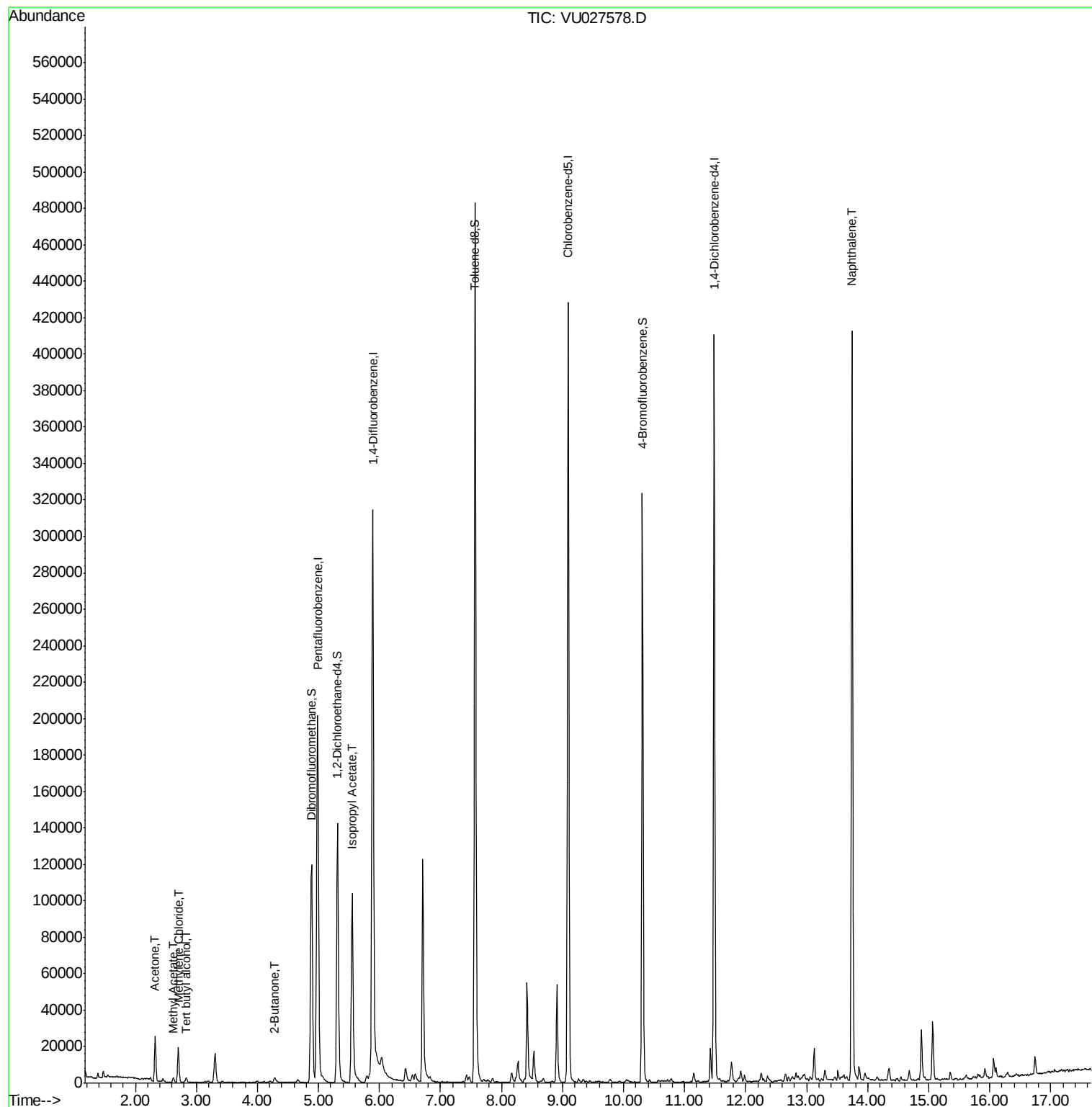
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	161604	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	266846	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	234599	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	104480	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	108188	40.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.18%	
35) Dibromofluoromethane	4.89	113	84110	45.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.98%	
50) Toluene-d8	7.57	98	326502	47.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.40%	
62) 4-Bromofluorobenzene	10.31	95	108206	42.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.08%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.83	59	3248	5.716	ug/l	96
16) Acetone	2.32	43	26114	16.381	ug/l	91
18) Methyl Acetate	2.62	43	3614	0.994	ug/l #	86
20) Methylene Chloride	2.70	84	8415	3.790	ug/l	89
25) 2-Butanone	4.28	43	5908	2.718	ug/l #	85
43) Isopropyl Acetate	5.55	43	128901	22.164	ug/l	99
95) Naphthalene	13.74	128	315527	40.279	ug/l	100

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

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Quant Time: Oct 11 05:40:25 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: VU027578.D

Acq: 10 Oct 2018 18:19

Instrument :

MSVOA_U

ClientSampleId :

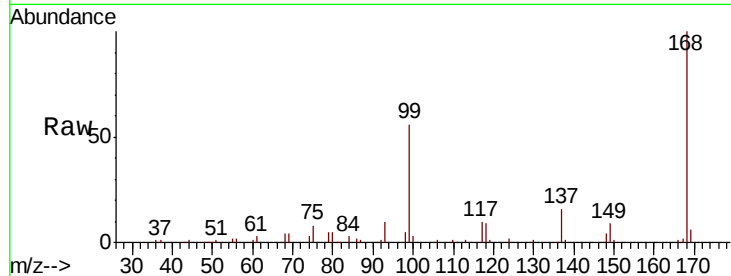
FL-PIT-7

Tot Ion:168 Resp: 161604

Ion Ratio Lower Upper

168 100

99 55.9 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

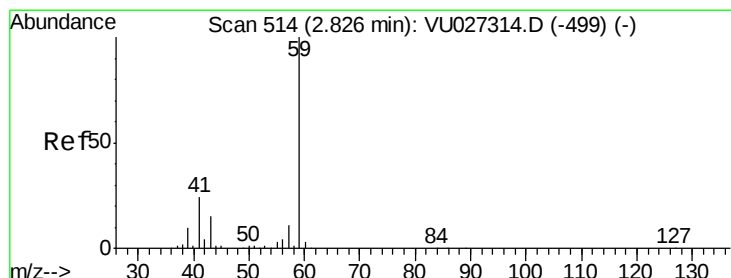
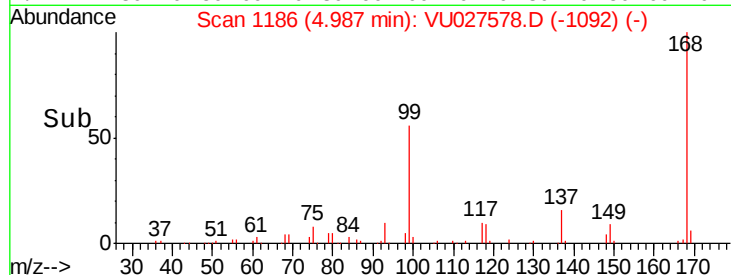
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#11

Tert butyl alcohol

Concen: 5.716 ug/l

RT: 2.83 min Scan# 516

Delta R.T. 0.01 min

Lab File: VU027578.D

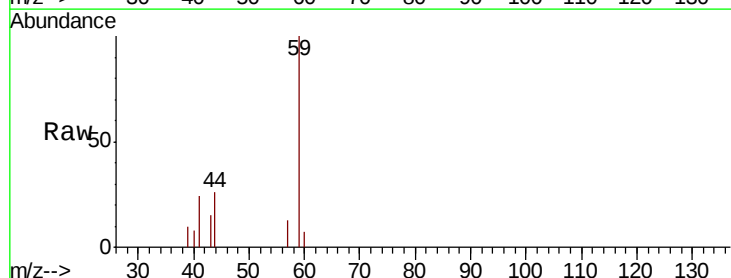
Acq: 10 Oct 2018 18:19

Tgt Ion: 59 Resp: 3248

Ion Ratio Lower Upper

59 100

57 8.9 8.4 12.6



Abundance Ion 59.00 (58.70 to 59.70): VU027314.D (-499) (-)

Ion 57.00 (56.70 to 57.70): VU027314.D (-499) (-)

2.83

1500

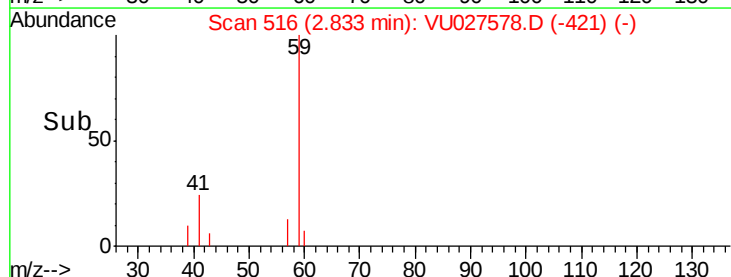
1000

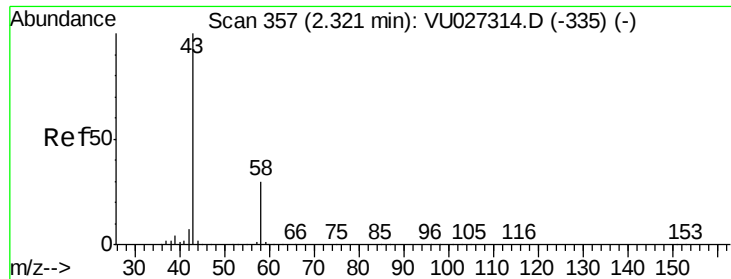
500

0

Time-->

2.80 2.85 2.90





#16

Acetone

Concen: 16.381 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027578.D

Acq: 10 Oct 2018 18:19

Instrument :

MSVOA_U

ClientSampleId :

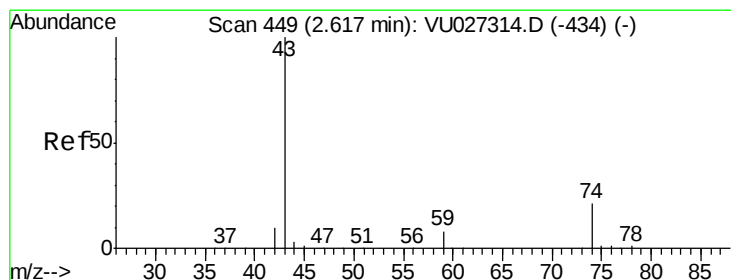
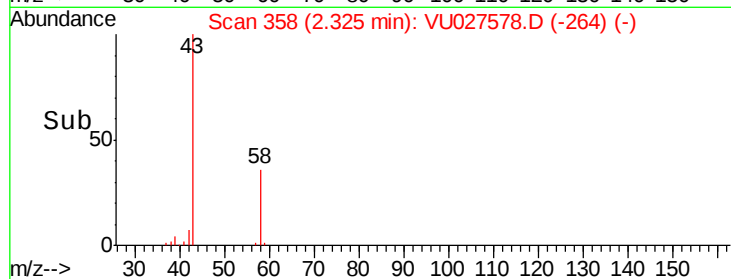
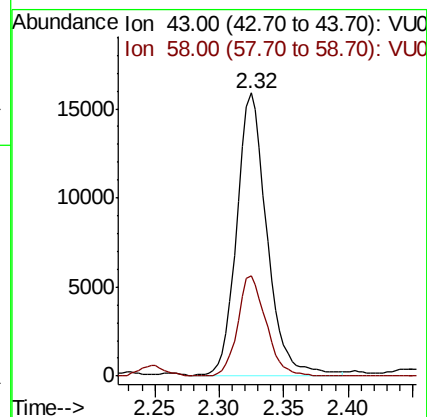
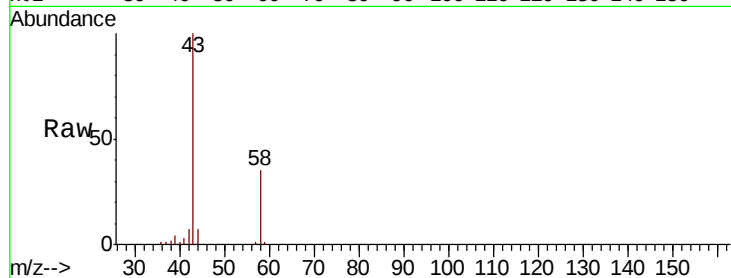
FL-PIT-7

Tot Ion: 43 Resp: 26114

Ion Ratio Lower Upper

43 100

58 35.4 24.2 36.4



#18

Methyl Acetate

Concen: 0.994 ug/l

RT: 2.62 min Scan# 451

Delta R.T. 0.01 min

Lab File: VU027578.D

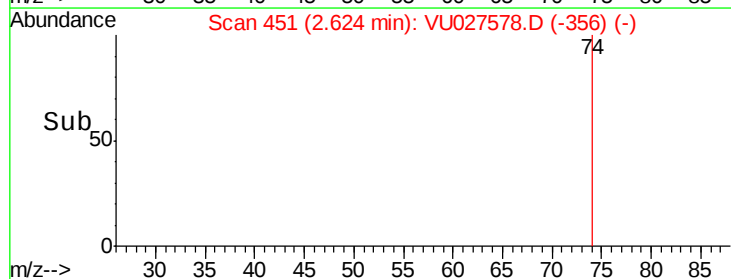
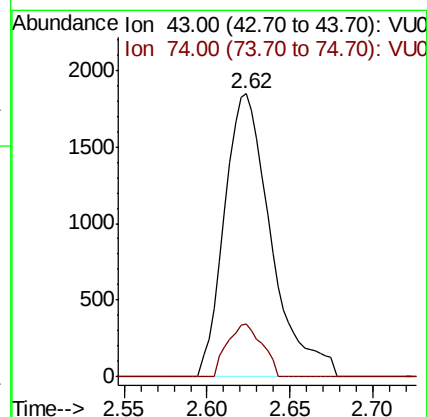
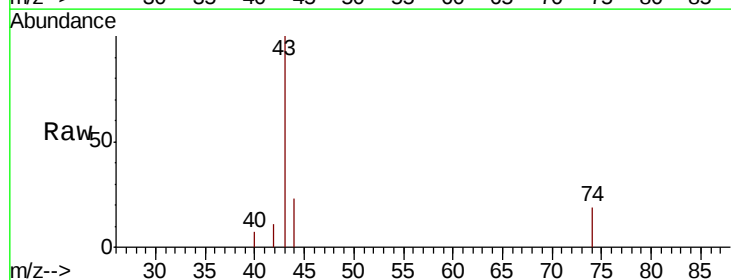
Acq: 10 Oct 2018 18:19

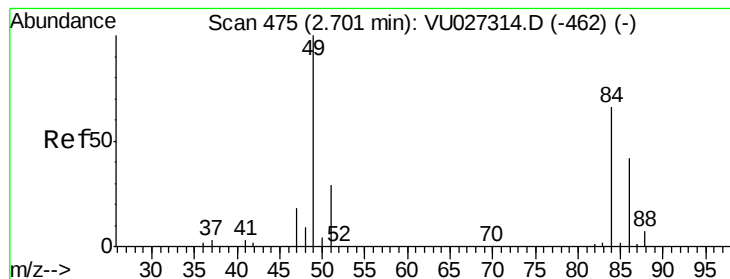
Tgt Ion: 43 Resp: 3614

Ion Ratio Lower Upper

43 100

74 13.9 16.5 24.7#





#20

Methvlene Chloride

Concen: 3.790 ug/l

RT: 2.70 min Scan# 476

Delta R.T. 0.00 min

Lab File: VU027578.D

Acq: 10 Oct 2018 18:19

Instrument :

MSVOA_U

ClientSampleId :

FL-PIT-7

Tot Ion: 84 Resp: 8415

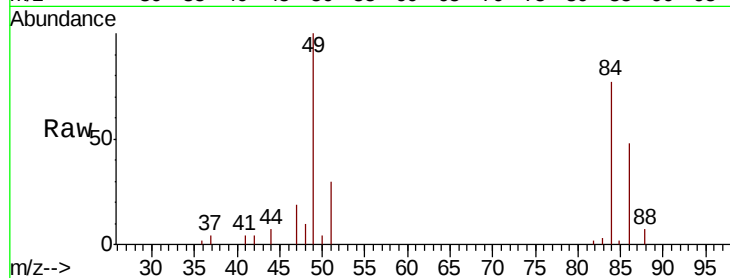
Ion Ratio Lower Upper

84 100

49 130.4 120.5 180.7

51 39.6 35.1 52.7

86 62.2 50.5 75.7

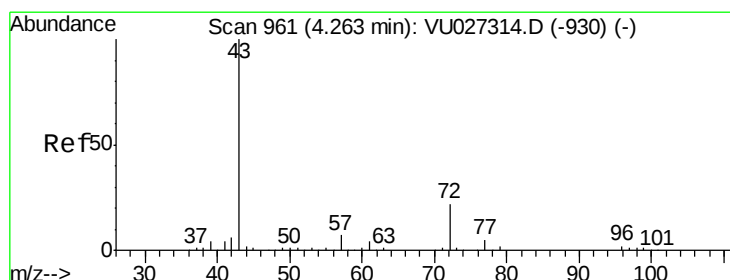
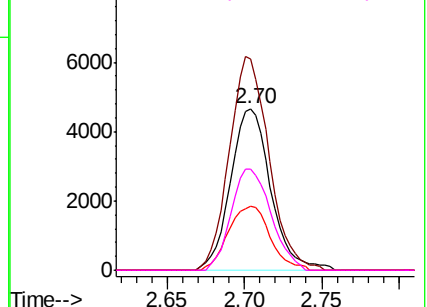
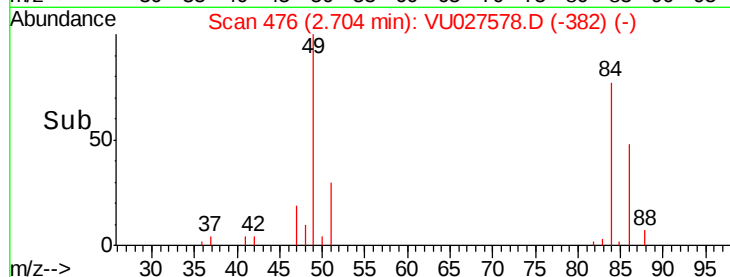


Abundance Ion 83.90 (83.60 to 84.60): VU0

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



#25

2-Butanone

Concen: 2.718 ug/l

RT: 4.28 min Scan# 966

Delta R.T. 0.02 min

Lab File: VU027578.D

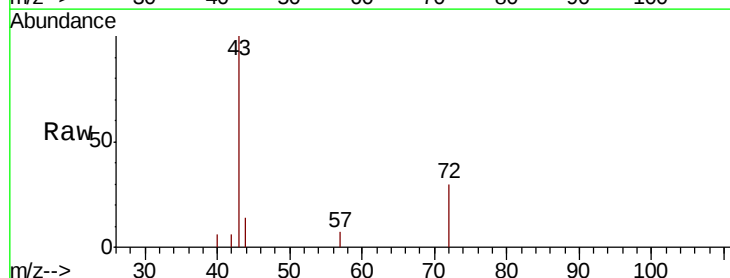
Acq: 10 Oct 2018 18:19

Tgt Ion: 43 Resp: 5908

Ion Ratio Lower Upper

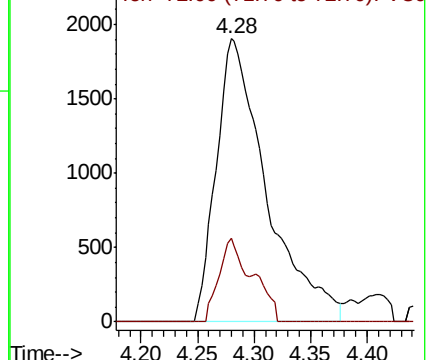
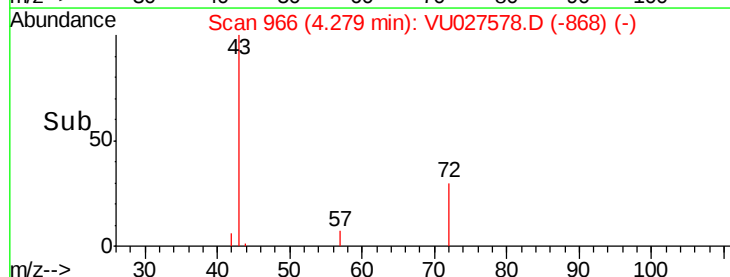
43 100

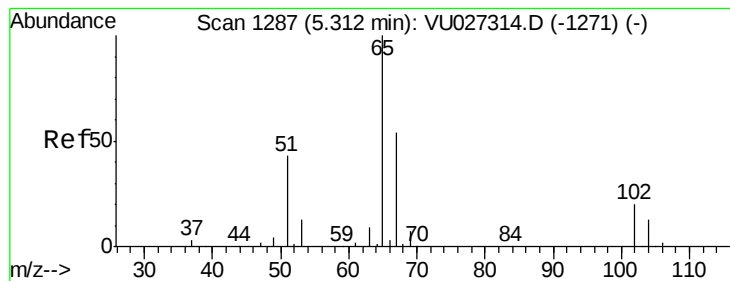
72 29.5 17.8 26.6#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0





#33

1,2-Dichloroethane-d4

Concen: 40.092 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VU027578.D

Acq: 10 Oct 2018 18:19

Instrument :

MSVOA_U

ClientSampled :

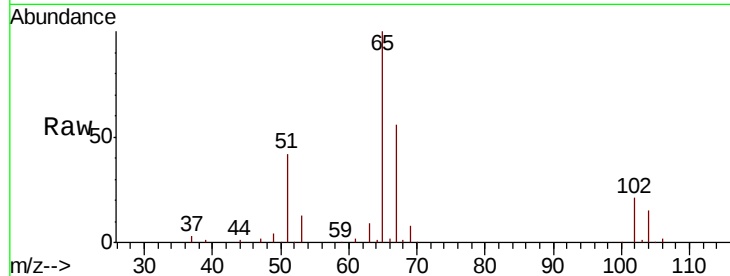
FL-PIT-7

Tot Ion: 65 Resp: 108188

Ion Ratio Lower Upper

65 100

67 55.2 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) (-)

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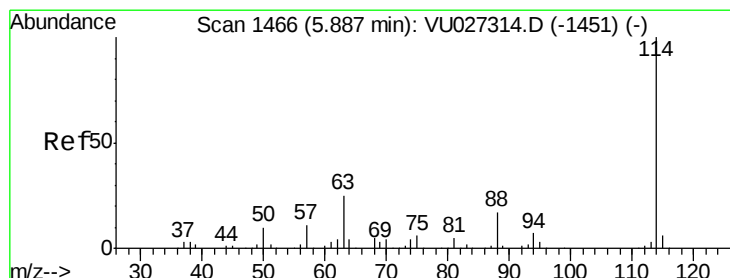
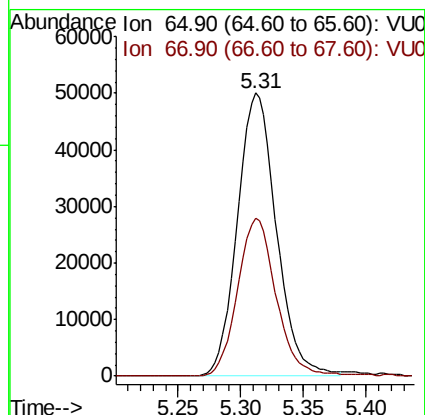
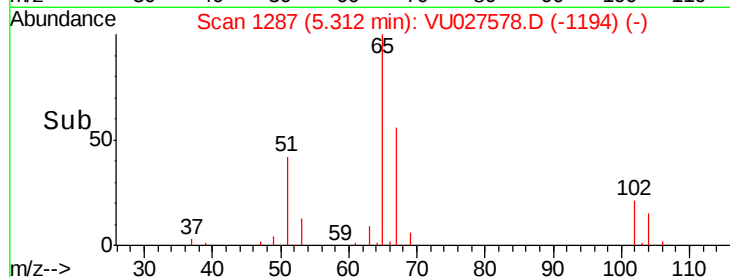
5.31

5.31

5.31

5.31

5.31



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1467

Delta R.T. 0.00 min

Lab File: VU027578.D

Acq: 10 Oct 2018 18:19

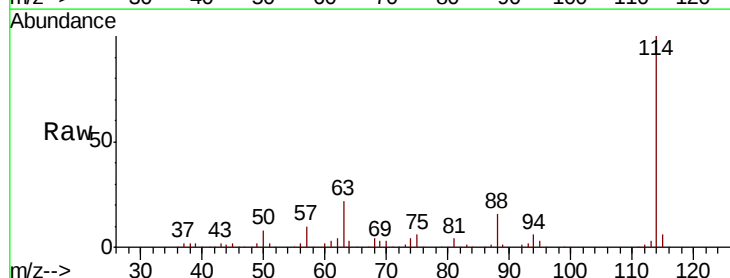
Tgt Ion: 114 Resp: 266846

Ion Ratio Lower Upper

114 100

63 22.3 0.0 50.2

88 16.4 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) (-)

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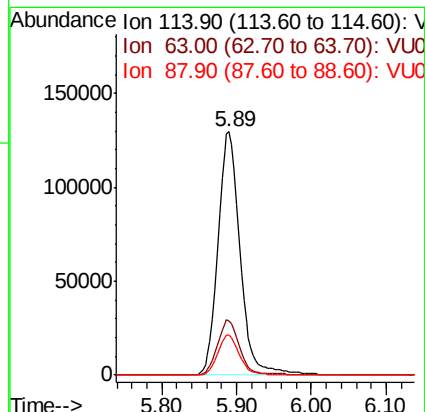
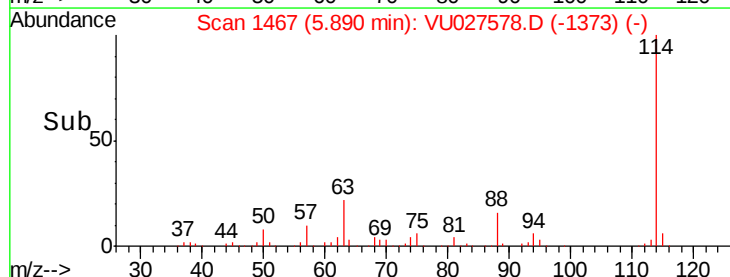
5.89

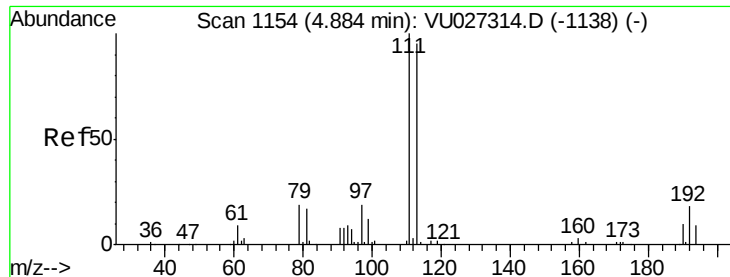
5.89

5.89

5.89

5.89

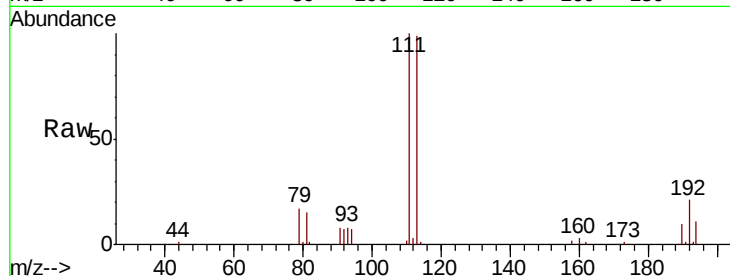




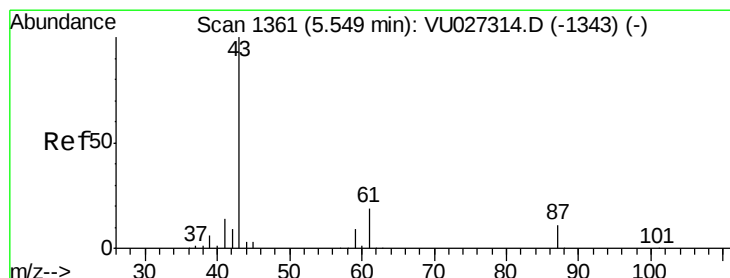
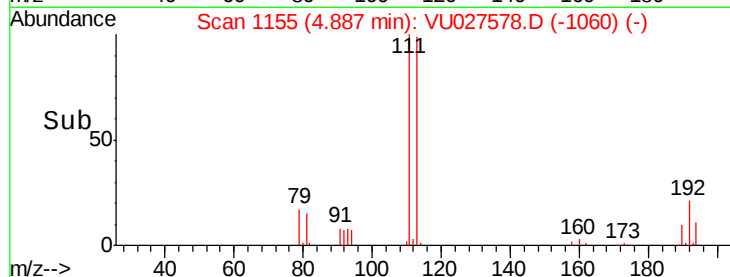
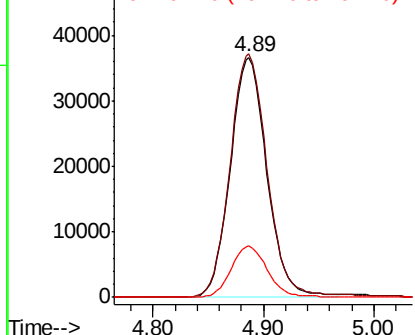
#35
 Dibromofluoromethane
 Concen: 45.992 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027578.D
 Acq: 10 Oct 2018 18:19

Instrument :
 MSVOA_U
 ClientSampleId :
 FL-PIT-7

Tot Ion:113 Resp: 84110
 Ion Ratio Lower Upper
 113 100
 111 102.5 83.1 124.7
 192 21.2 15.4 23.0

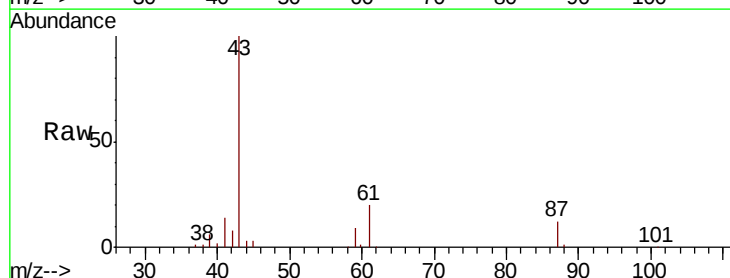


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

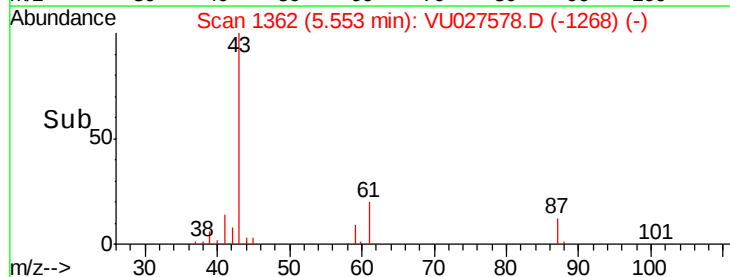
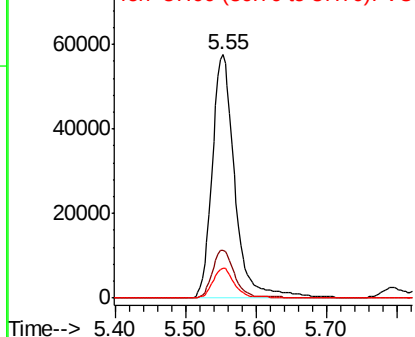


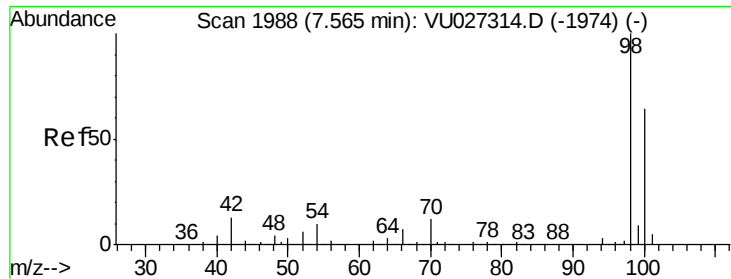
#43
 Isopropyl Acetate
 Concen: 22.164 ug/l
 RT: 5.55 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VU027578.D
 Acq: 10 Oct 2018 18:19

Tgt Ion: 43 Resp: 128901
 Ion Ratio Lower Upper
 43 100
 61 19.5 15.3 22.9
 87 11.8 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: 47.703 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VU027578.D

Acq: 10 Oct 2018 18:19

Instrument :

MSVOA_U

ClientSampleId :

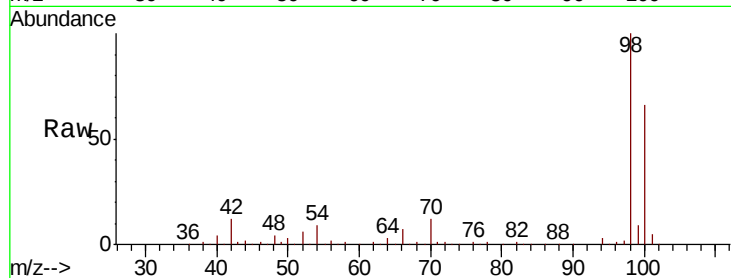
FL-PIT-7

Tot Ion: 98 Resp: 326502

Ion Ratio Lower Upper

98 100

100 65.2 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU027314.D (-1974) (-)

Ion 100.00 (99.70 to 100.70): VU027314.D (-1974) (-)

7.57

200000

150000

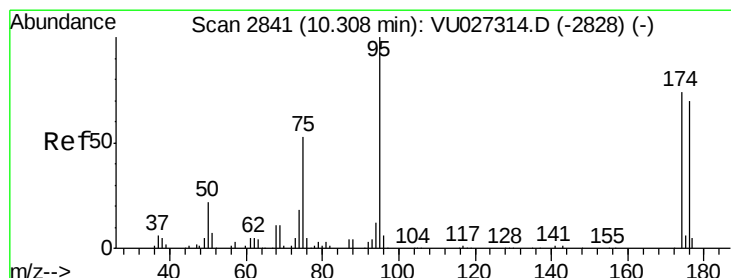
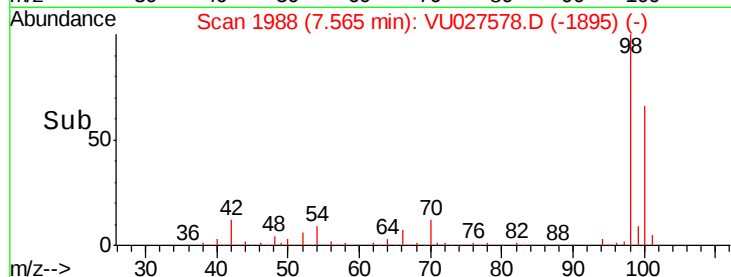
100000

50000

0

7.50 7.60 7.70

Time-->



#62

4-Bromofluorobenzene

Concen: 42.539 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027578.D

Acq: 10 Oct 2018 18:19

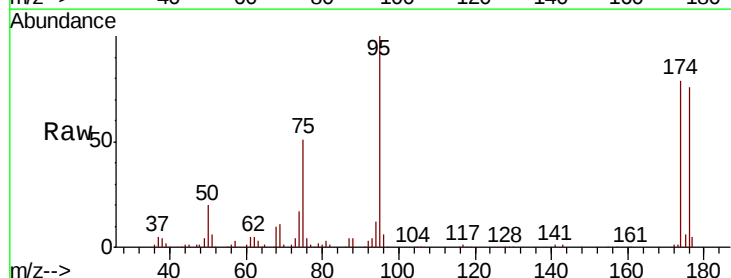
Tgt Ion: 95 Resp: 108206

Ion Ratio Lower Upper

95 100

174 79.8 0.0 147.8

176 76.8 0.0 140.8



Abundance Ion 94.90 (94.60 to 95.60): VU027314.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU027314.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU027314.D (-2828) (-)

10.31

80000

60000

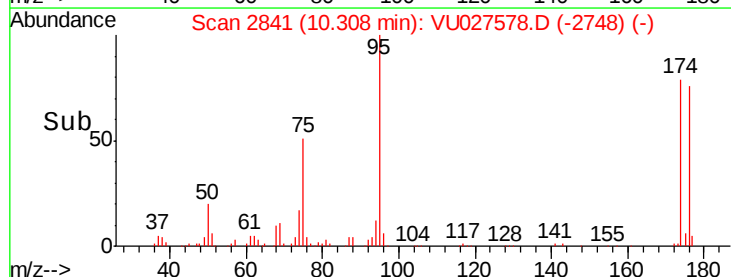
40000

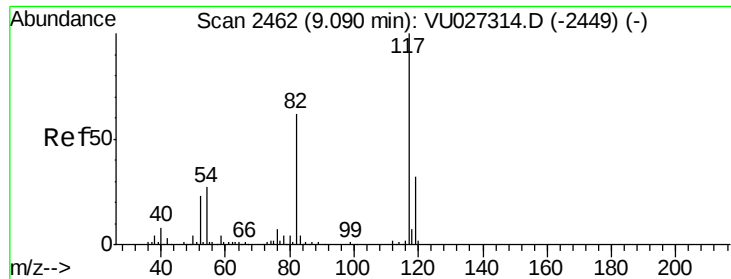
20000

0

10.30 10.40

Time-->

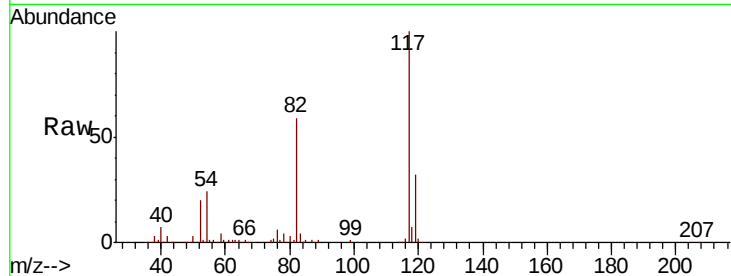




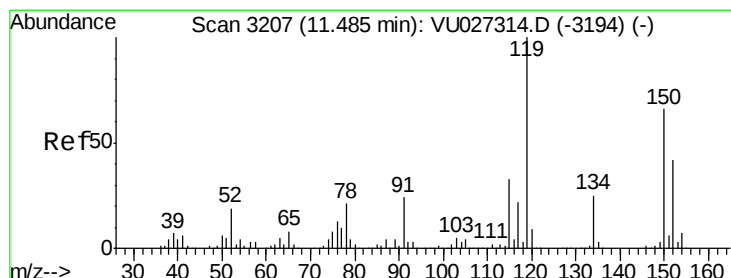
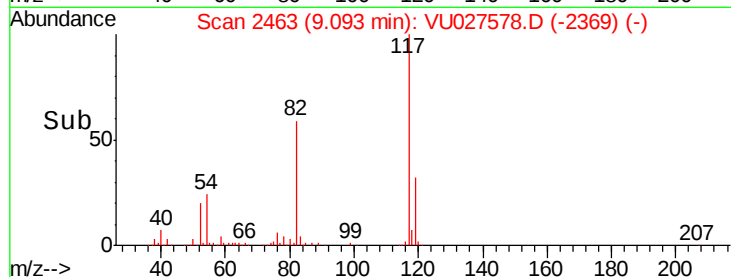
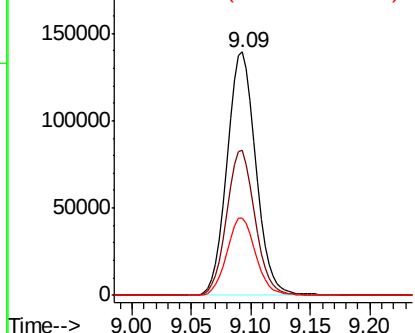
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027578.D
Acq: 10 Oct 2018 18:19

Instrument :
MSVOA_U
ClientSampleId :
FL-PIT-7

Tot Ion:117 Resp: 234599
Ion Ratio Lower Upper
117 100
82 59.3 49.2 73.8
119 31.8 25.7 38.5

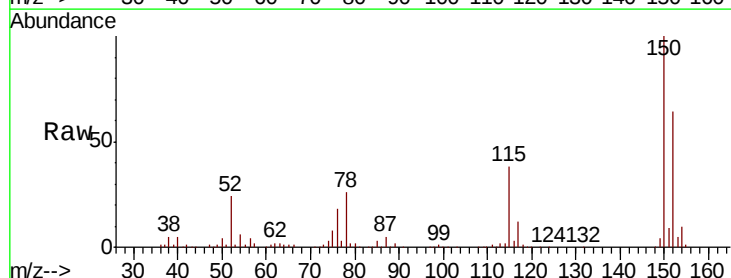


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

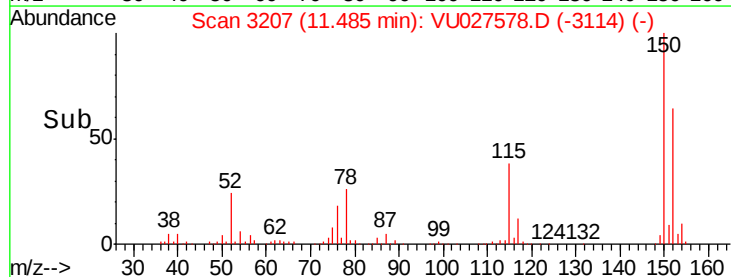
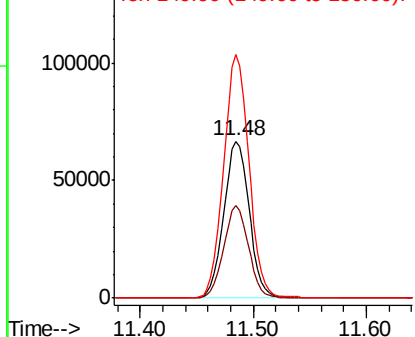


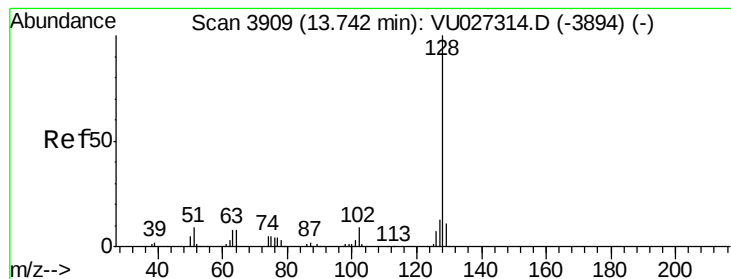
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU027578.D
Acq: 10 Oct 2018 18:19

Tgt Ion:152 Resp: 104480
Ion Ratio Lower Upper
152 100
115 57.7 43.4 130.2
150 154.5 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





#95

Naphthalene

Concen: 40.279 ug/l

RT: 13.74 min Scan# 3909

Delta R.T. 0.00 min

Lab File: VU027578.D

Acq: 10 Oct 2018 18:19

Instrument :

MSVOA_U

ClientSampleId :

FL-PIT-7

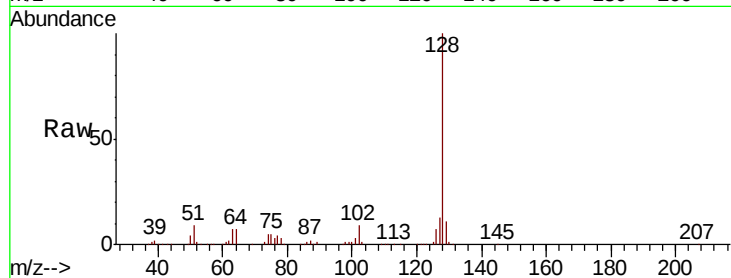
Tot Ion:128 Resp: 315527

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

129 10.8 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

