

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100418\
 Data File : VU027389.D
 Acq On : 04 Oct 2018 04:27
 Operator : MD/SY
 Sample : J5194-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 HR-06-100218-B

Quant Time: Oct 04 08:39:43 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

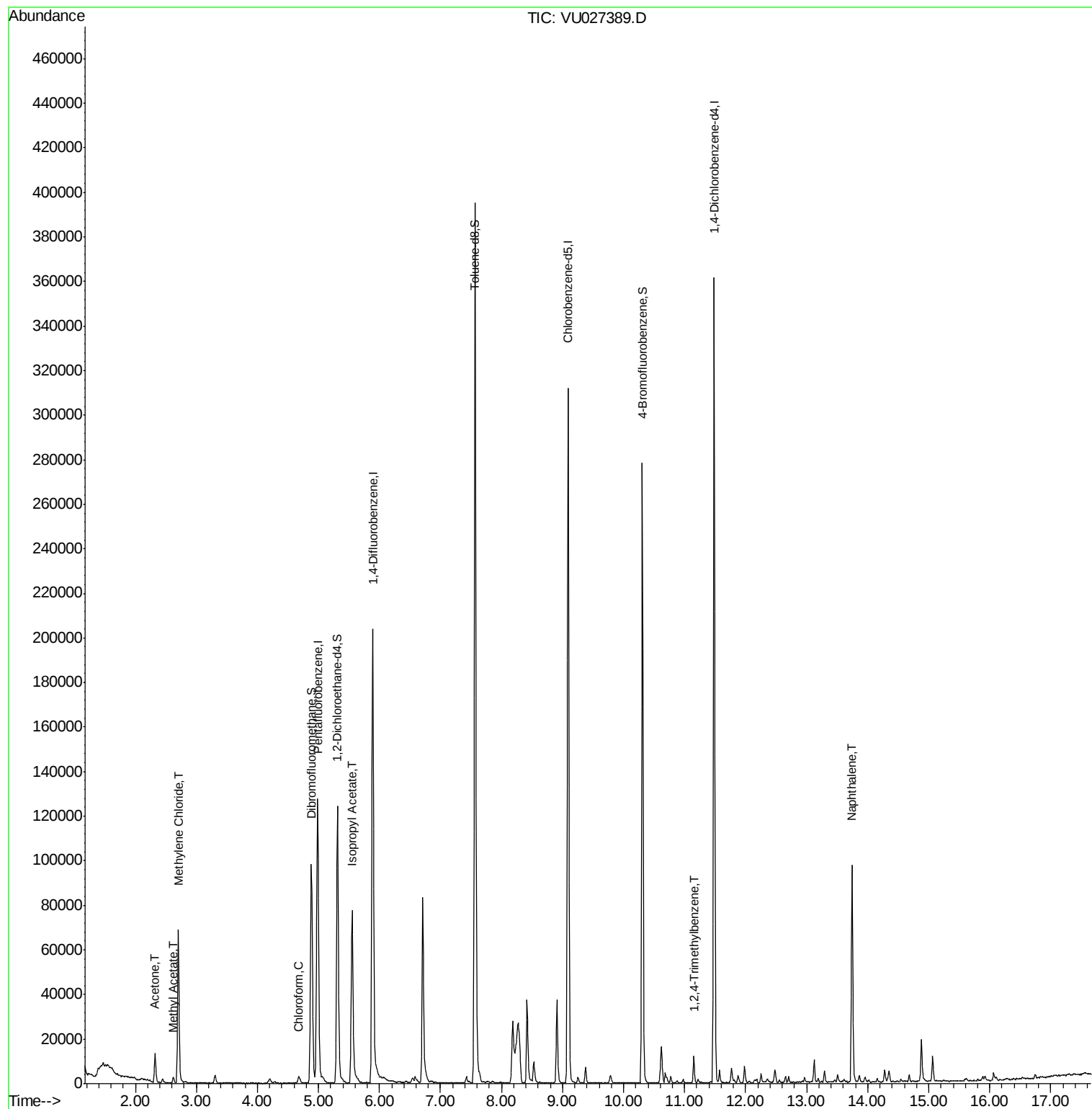
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	97368	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	166571	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	163417	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	85639	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	97806	60.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.32%	
35) Dibromofluoromethane	4.89	113	68560	60.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.12%	
50) Toluene-d8	7.57	98	261266	61.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.30%	
62) 4-Bromofluorobenzene	10.31	95	91731	57.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.54%	
Target Compounds						
16) Acetone	2.32	43	14003	14.579	ug/l	97
18) Methyl Acetate	2.62	43	3524	1.608	ug/l #	88
20) Methylene Chloride	2.70	84	27652	20.668	ug/l	98
30) Chloroform	4.68	83	2592	1.143	ug/l	89
43) Isopropyl Acetate	5.55	43	94783	26.109	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	6383	1.234	ug/l	94
95) Naphthalene	13.75	128	75863	12.988	ug/l	99

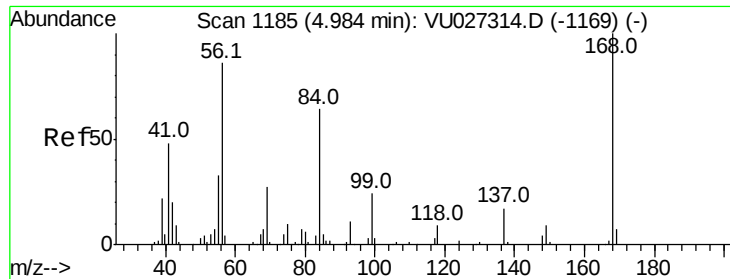
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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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: VU027389.D

Acq: 04 Oct 2018 04:27

Instrument :

MSVOA_U

ClientSampleId :

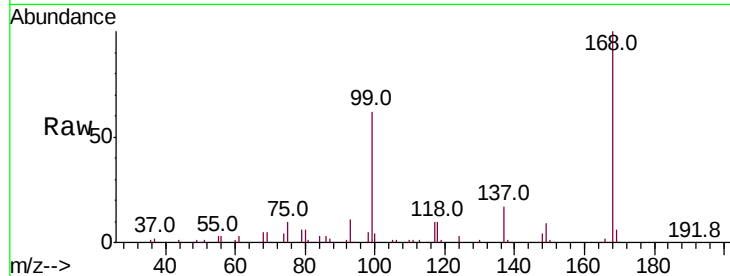
HR-06-100218-B

Tot Ion:168 Resp: 97368

Ion Ratio Lower Upper

168 100

99 62.2 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

40000

30000

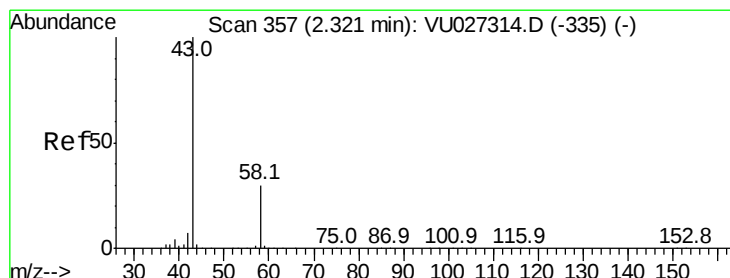
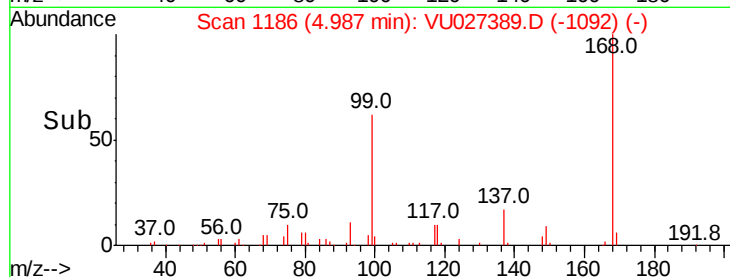
20000

10000

0

4.90 5.00 5.10 5.20

Time-->



#16

Acetone

Concen: 14.579 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU027389.D

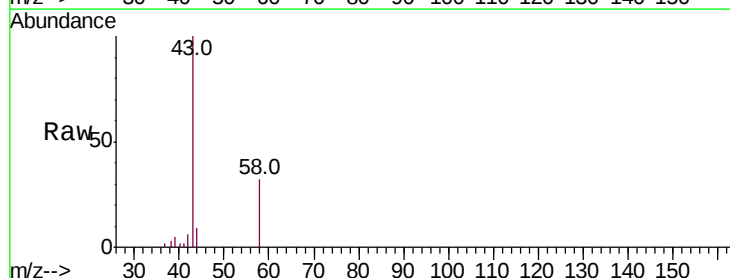
Acq: 04 Oct 2018 04:27

Tgt Ion: 43 Resp: 14003

Ion Ratio Lower Upper

43 100

58 32.2 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

10000

8000

6000

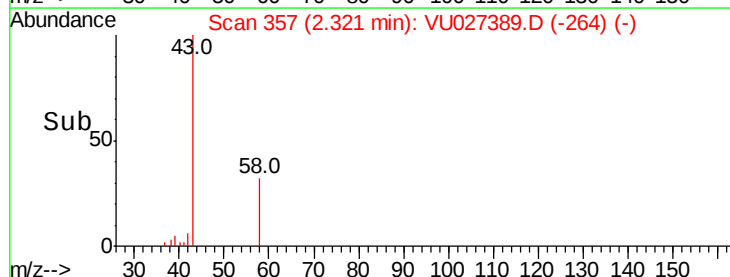
4000

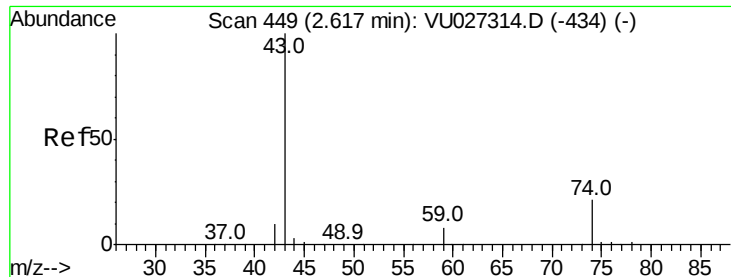
2000

0

2.25 2.30 2.35 2.40

Time-->

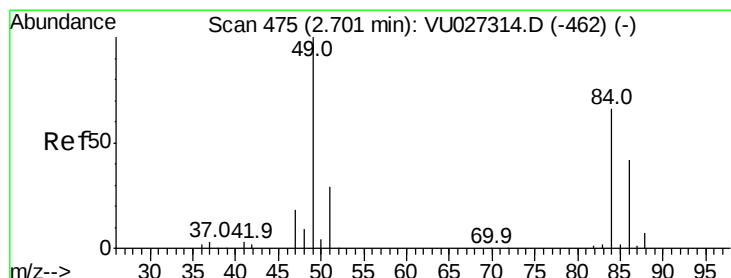
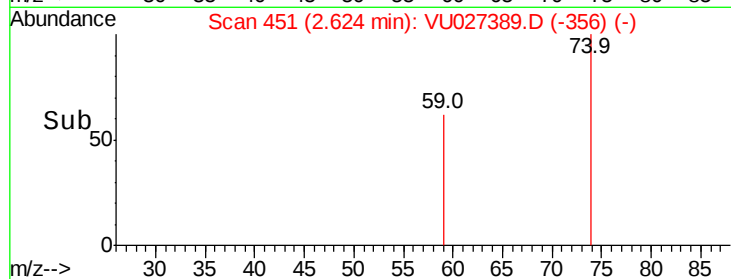
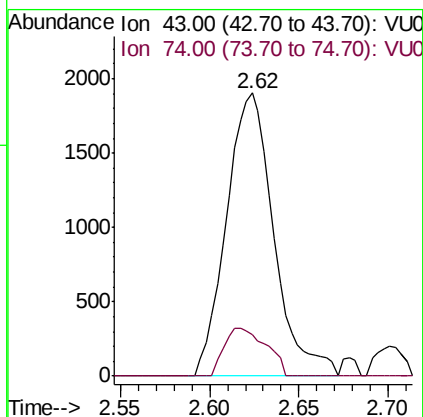
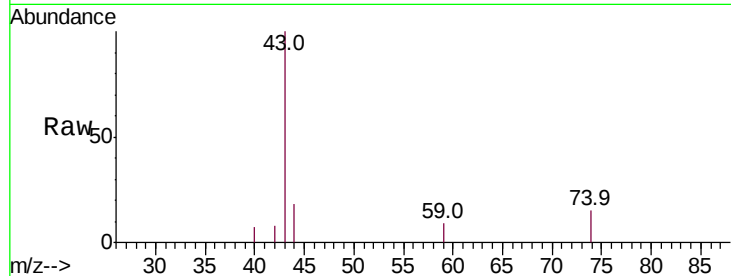




#18
Methyl Acetate
Concen: 1.608 ug/l
RT: 2.62 min Scan# 451
Delta R.T. 0.01 min
Lab File: VU027389.D
Acq: 04 Oct 2018 04:27

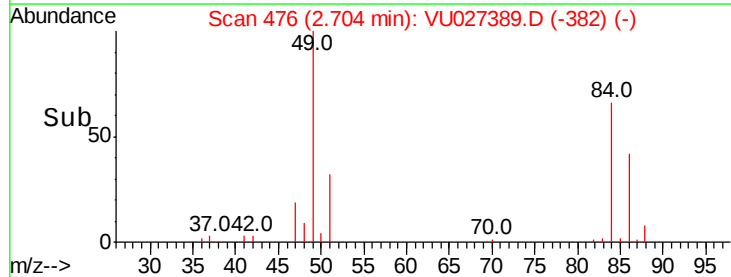
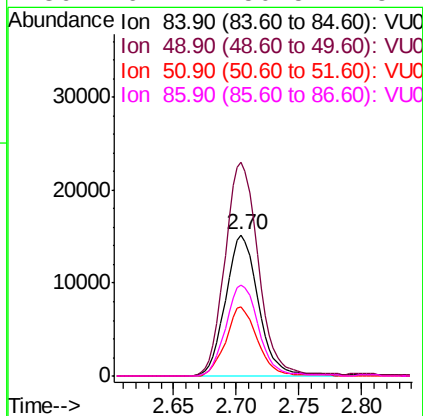
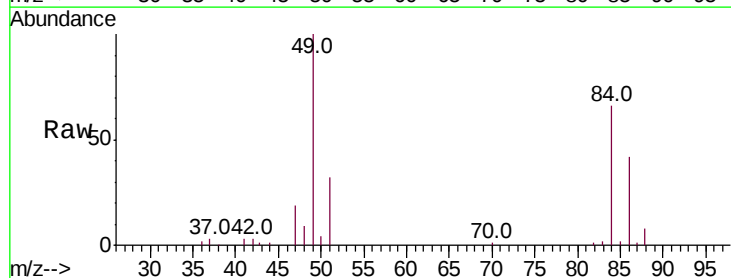
Instrument :
MSVOA_U
ClientSampleId :
HR-06-100218-B

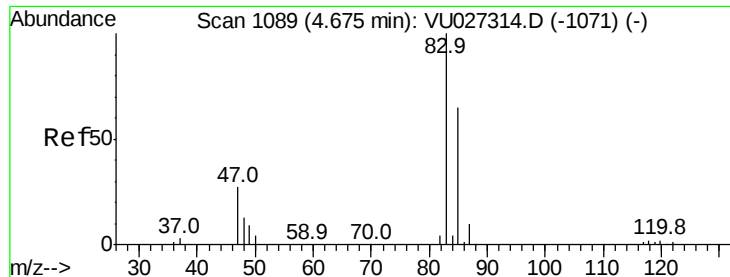
Tot Ion: 43 Resp: 3524
Ion Ratio Lower Upper
43 100
74 15.0 16.5 24.7#



#20
Methylene Chloride
Concen: 20.668 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU027389.D
Acq: 04 Oct 2018 04:27

Tgt Ion: 84 Resp: 27652
Ion Ratio Lower Upper
84 100
49 151.6 120.5 180.7
51 48.9 35.1 52.7
86 64.1 50.5 75.7

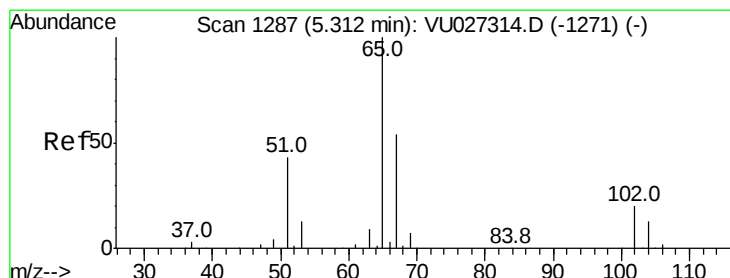
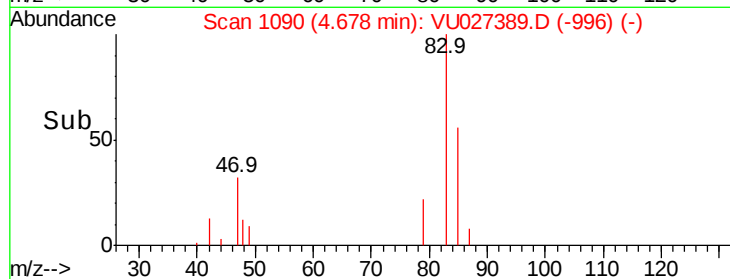
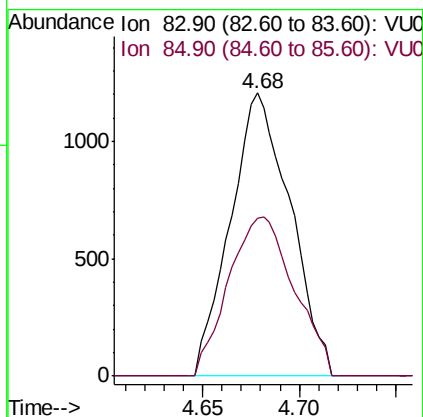
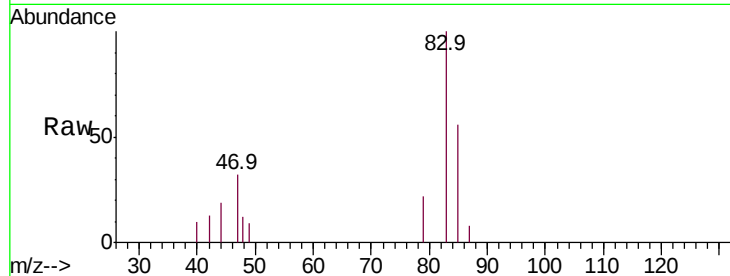




#30
Chloroform
Concen: 1.143 ug/l
RT: 4.68 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VU027389.D
Acq: 04 Oct 2018 04:27

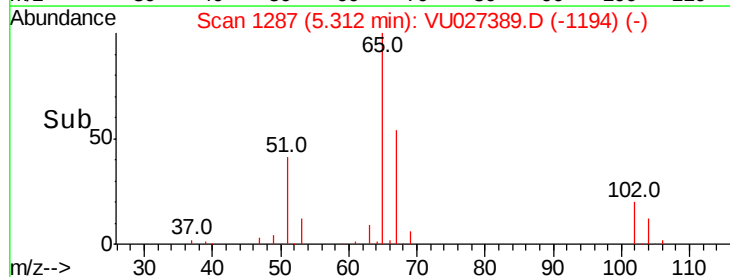
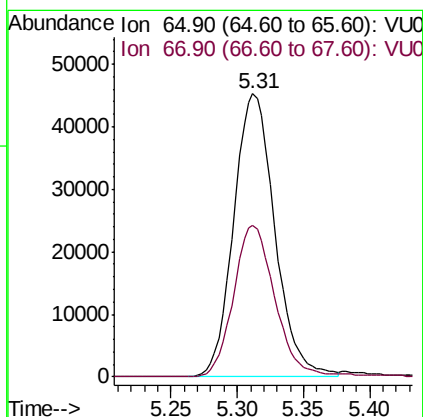
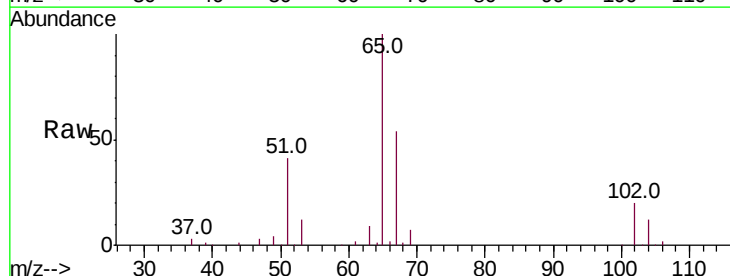
Instrument :
MSVOA_U
ClientSampleId :
HR-06-100218-B

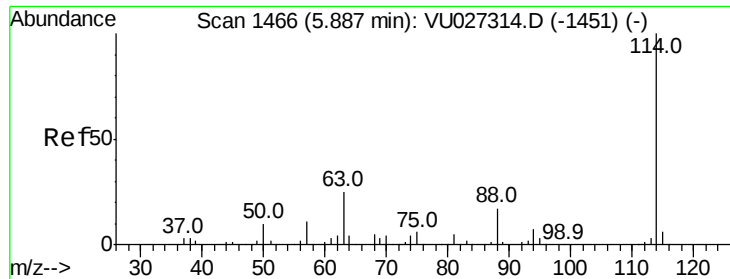
Tot Ion: 83 Resp: 2592
Ion Ratio Lower Upper
83 100
85 56.0 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 60.156 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU027389.D
Acq: 04 Oct 2018 04:27

Tgt Ion: 65 Resp: 97806
Ion Ratio Lower Upper
65 100
67 54.1 0.0 107.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1467

Delta R.T. 0.00 min

Lab File: VU027389.D

Acq: 04 Oct 2018 04:27

Instrument :

MSVOA_U

ClientSampleId :

HR-06-100218-B

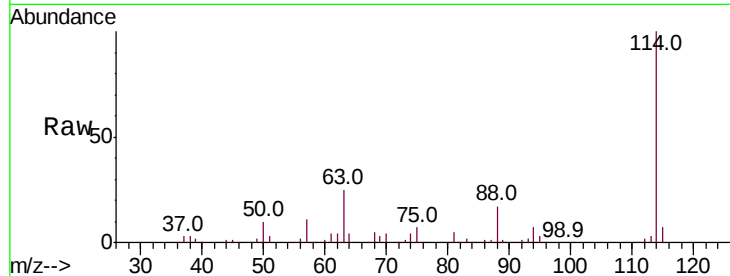
Tot Ion:114 Resp: 166571

Ion Ratio Lower Upper

114 100

63 25.2 0.0 50.2

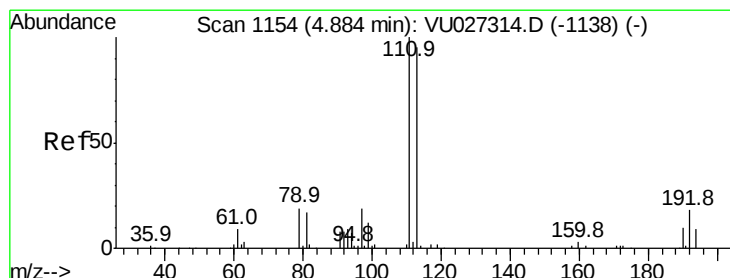
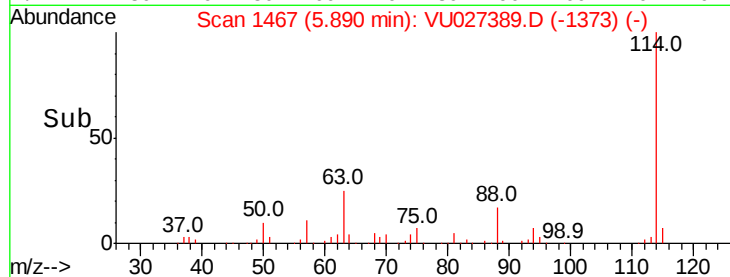
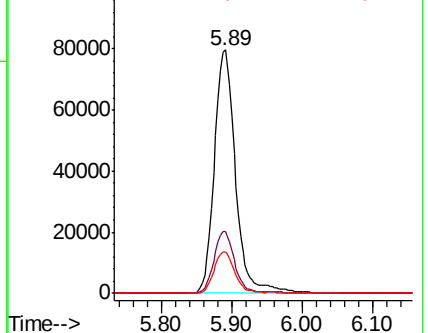
88 17.2 0.0 33.8



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: 60.058 ug/l

RT: 4.89 min Scan# 1155

Delta R.T. 0.00 min

Lab File: VU027389.D

Acq: 04 Oct 2018 04:27

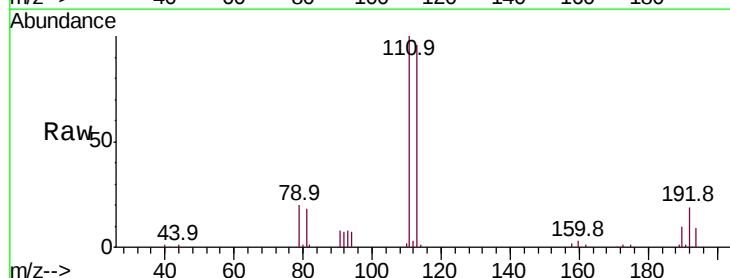
Tgt Ion:113 Resp: 68560

Ion Ratio Lower Upper

113 100

111 102.6 83.1 124.7

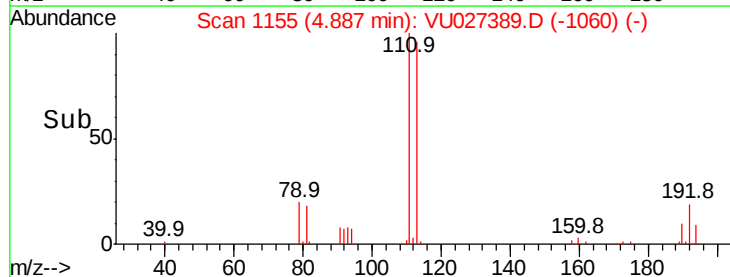
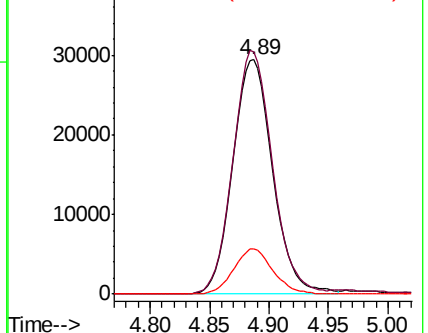
192 19.0 15.4 23.0

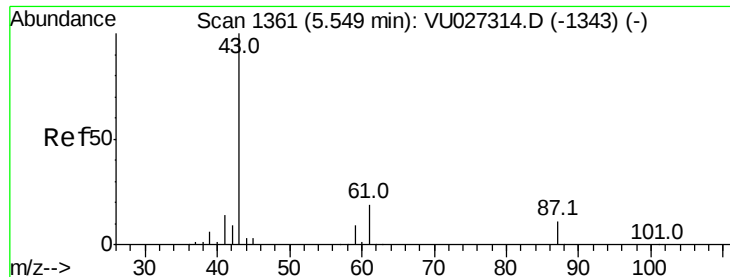


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

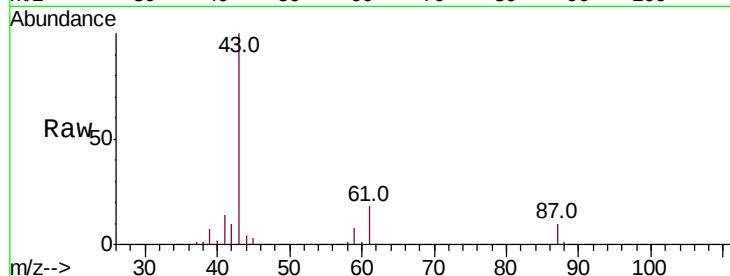




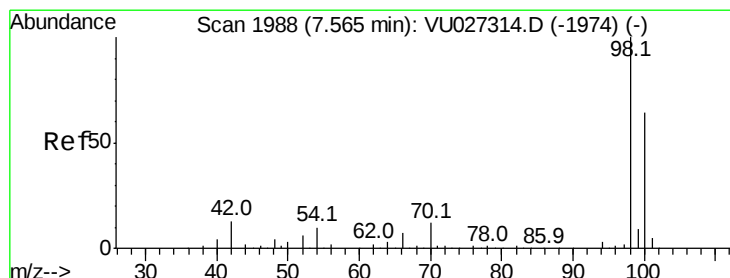
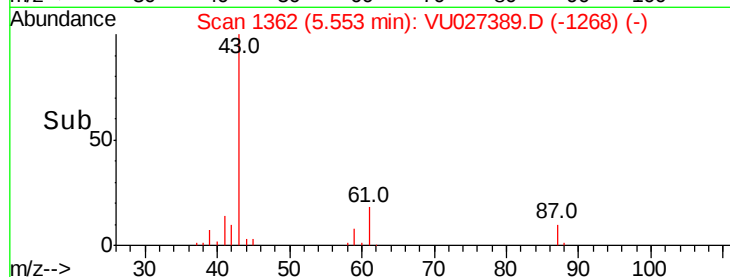
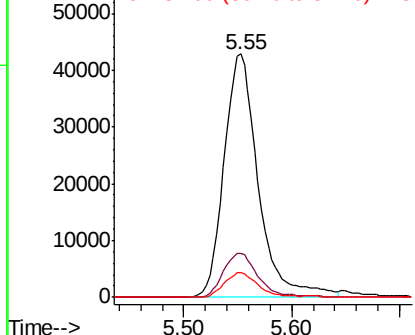
#43
Isopropyl Acetate
Concen: 26.109 ug/l
RT: 5.55 min Scan# 1362
Delta R.T. 0.00 min
Lab File: VU027389.D
Acq: 04 Oct 2018 04:27

Instrument :
MSVOA_U
ClientSampleId :
HR-06-100218-B

Tot Ion: 43 Resp: 94783
Ion Ratio Lower Upper
43 100
61 18.5 15.3 22.9
87 9.9 8.6 13.0

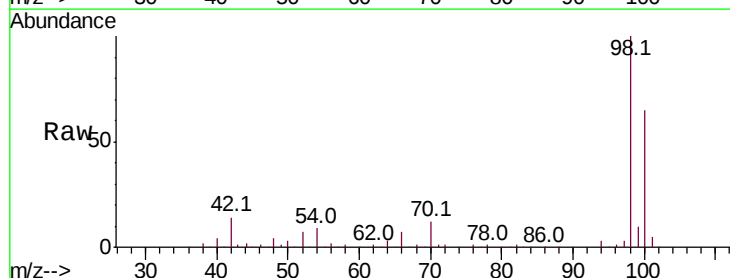


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 87.00 (86.70 to 87.70): VU0

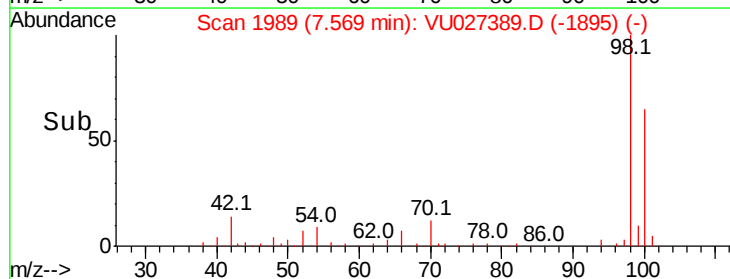
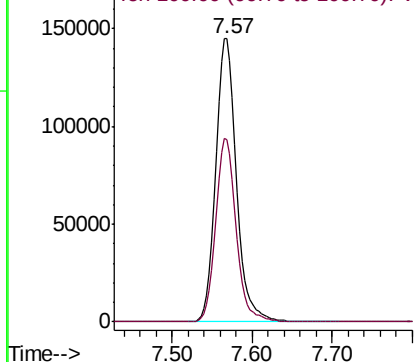


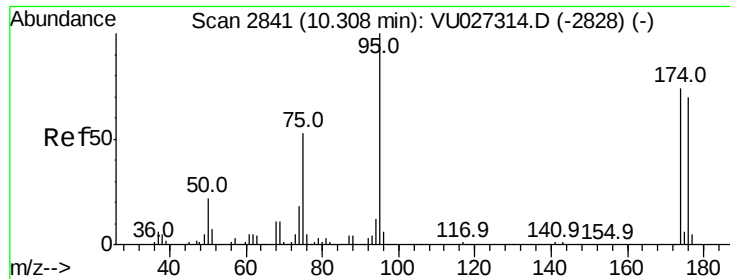
#50
Toluene-d8
Concen: 61.151 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU027389.D
Acq: 04 Oct 2018 04:27

Tgt Ion: 98 Resp: 261266
Ion Ratio Lower Upper
98 100
100 64.0 52.1 78.1



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





#62

4-Bromofluorobenzene

Concen: 57.771 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027389.D

Acq: 04 Oct 2018 04:27

Instrument :

MSVOA_U

ClientSampleId :

HR-06-100218-B

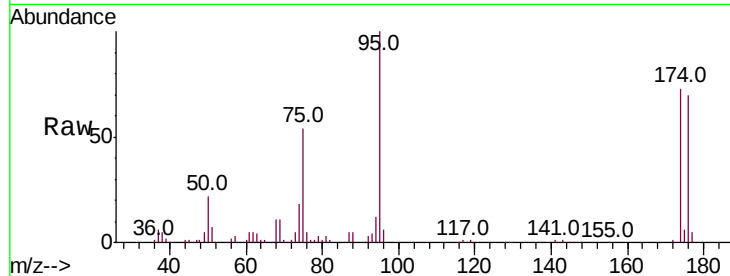
Tot Ion: 95 Resp: 91731

Ion Ratio Lower Upper

95 100

174 73.7 0.0 147.8

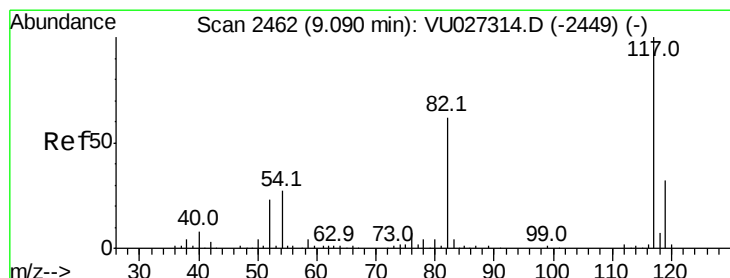
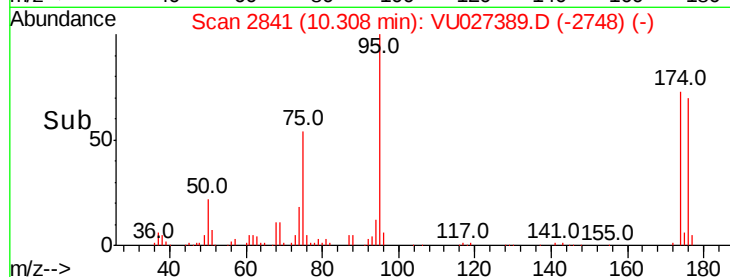
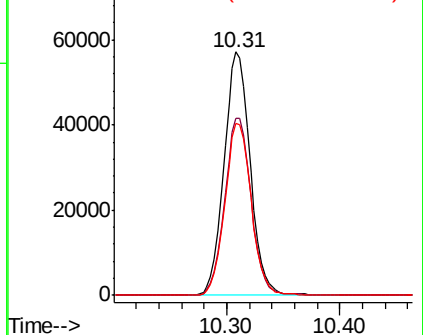
176 71.5 0.0 140.8



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. 0.00 min

Lab File: VU027389.D

Acq: 04 Oct 2018 04:27

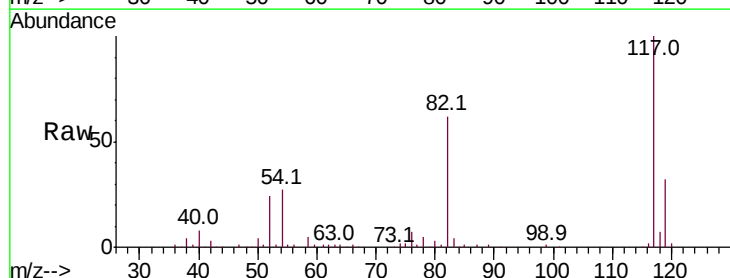
Tgt Ion: 117 Resp: 163417

Ion Ratio Lower Upper

117 100

82 62.2 49.2 73.8

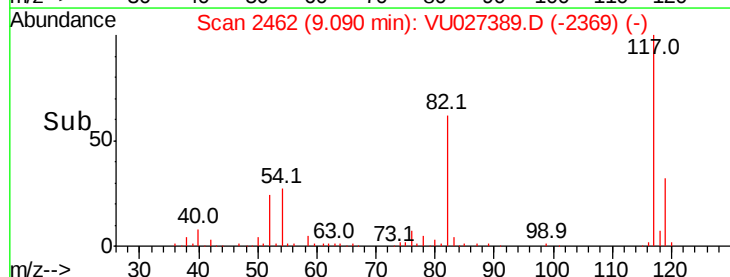
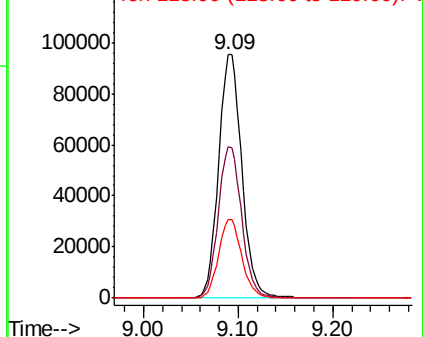
119 32.4 25.7 38.5

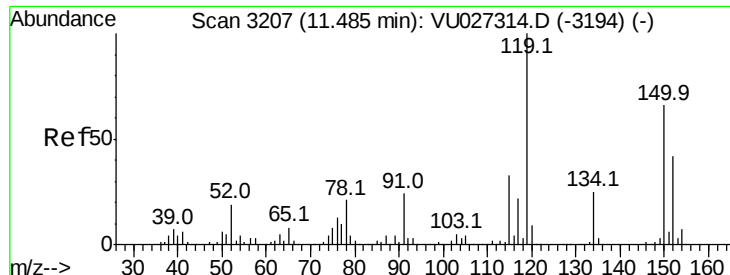


Abundance Ion 116.90 (116.60 to 117.60): VU027314.D (-2449) (-)

Ion 82.00 (81.70 to 82.70): VU027314.D (-2449) (-)

Ion 118.90 (118.60 to 119.60): VU027314.D (-2449) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU027389.D

Acq: 04 Oct 2018 04:27

Instrument :

MSVOA_U

ClientSampleId :

HR-06-100218-B

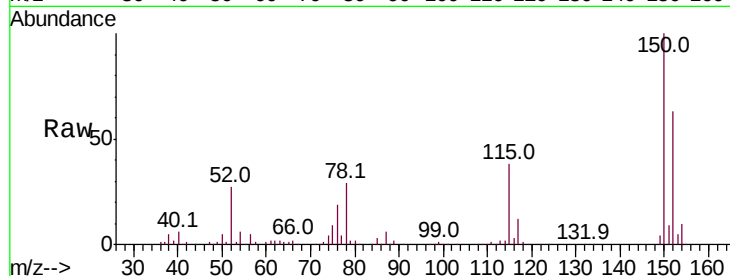
Tot Ion:152 Resp: 85639

Ion Ratio Lower Upper

152 100

115 60.8 43.4 130.2

150 157.5 0.0 349.2

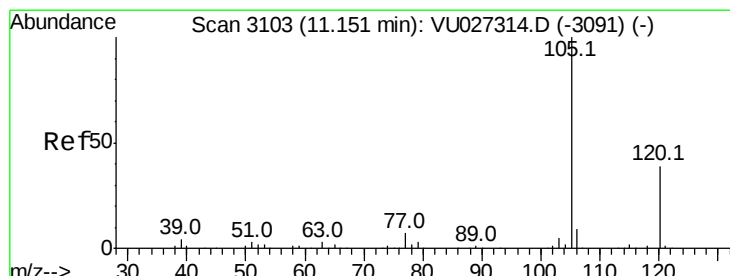
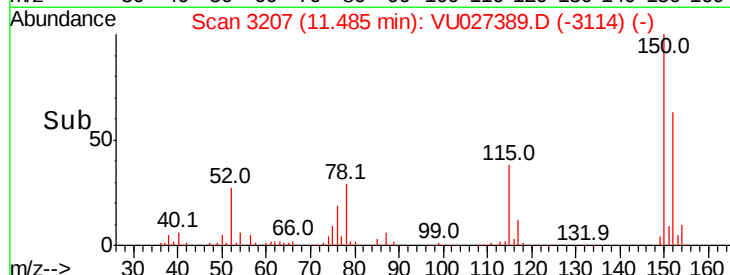
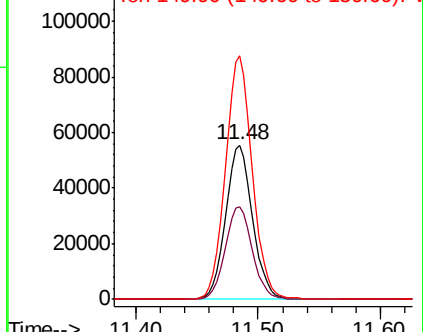


Abundance

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



#84

1,2,4-Trimethylbenzene

Concen: 1.234 ug/l

RT: 11.15 min Scan# 3103

Delta R.T. 0.00 min

Lab File: VU027389.D

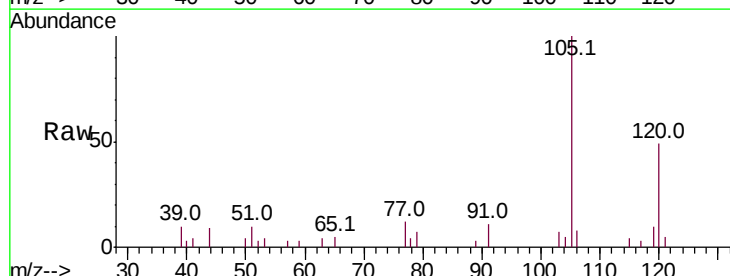
Acq: 04 Oct 2018 04:27

Tgt Ion:105 Resp: 6383

Ion Ratio Lower Upper

105 100

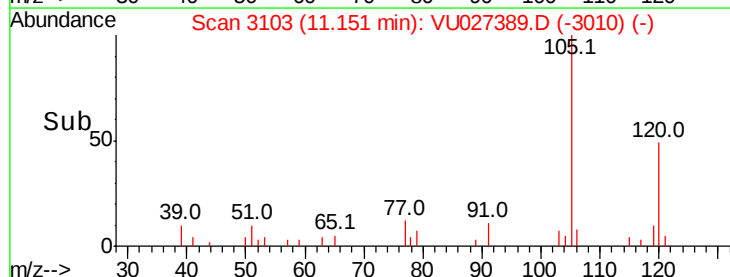
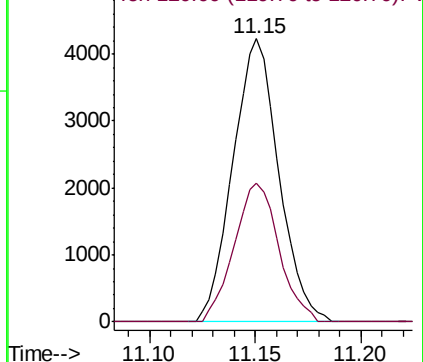
120 47.9 22.1 66.5

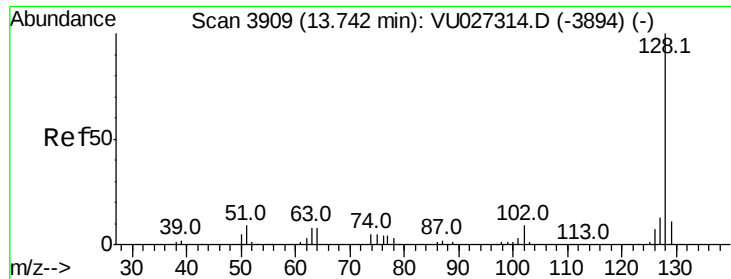


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 12.988 ug/l

RT: 13.75 min Scan# 3910

Delta R.T. 0.00 min

Lab File: VU027389.D

Acq: 04 Oct 2018 04:27

Instrument :

MSVOA_U

ClientSampleId :

HR-06-100218-B

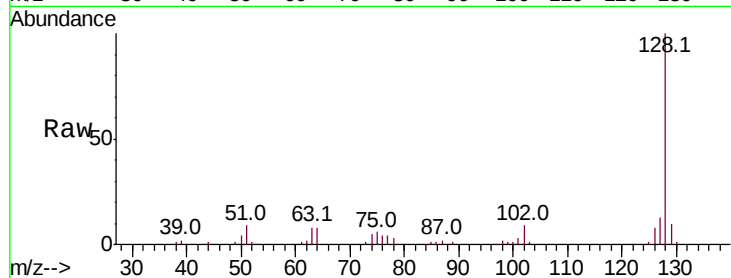
Tot Ion:128 Resp: 75863

Ion Ratio Lower Upper

128 100

127 13.4 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

