

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092818\
 Data File : VU027304.D
 Acq On : 29 Sep 2018 04:38
 Operator : MD/SY
 Sample : J4777-38
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PL-01-092718-C

Quant Time: Oct 01 03:51:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 01:31:57 2018
 Response via : Initial Calibration

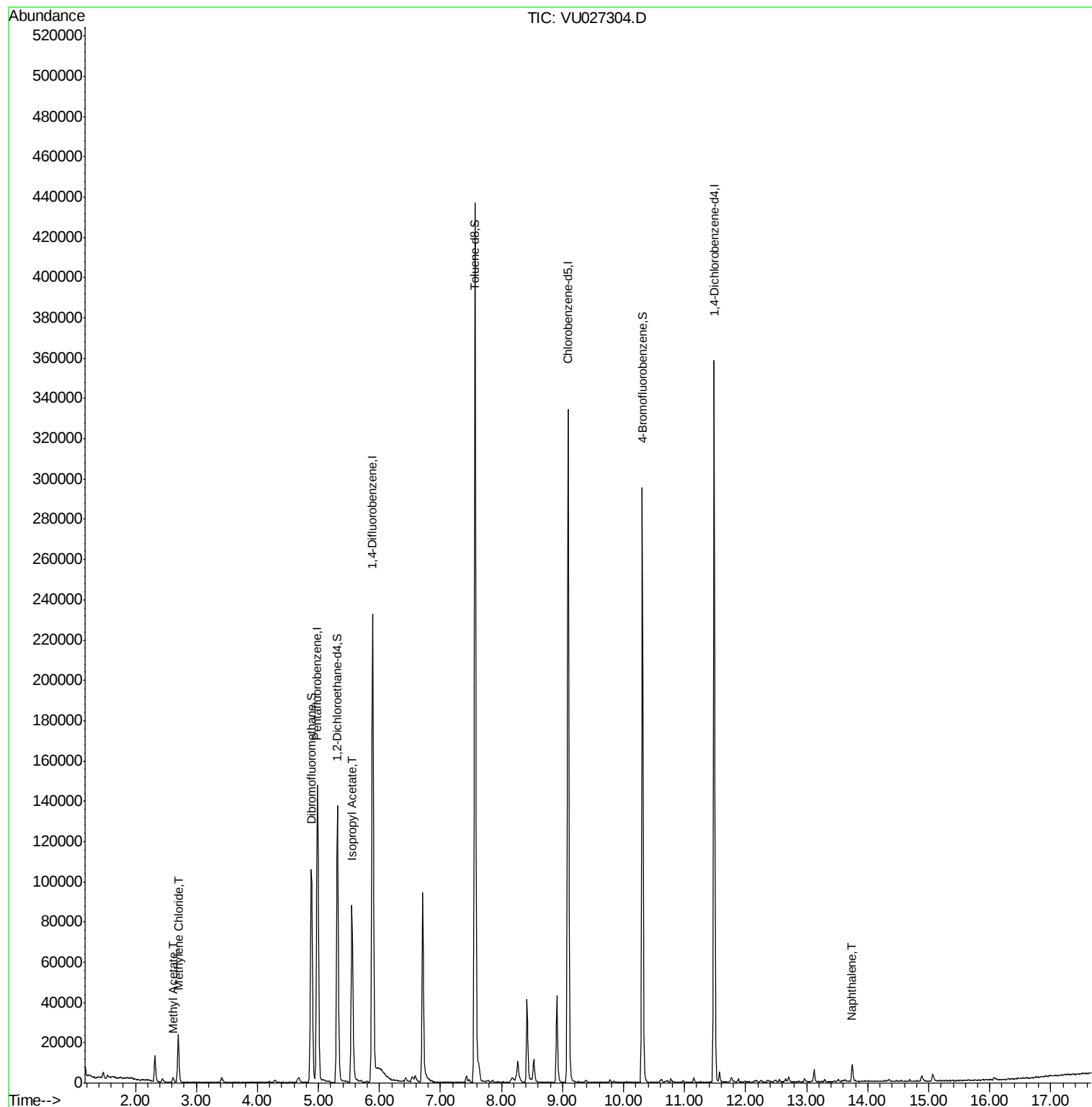
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	104931	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	179564	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	175241	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	84549	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	105763	50.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.16%	
35) Dibromofluoromethane	4.88	113	73645	47.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.64%	
50) Toluene-d8	7.57	98	278637	46.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.94%	
62) 4-Bromofluorobenzene	10.31	95	96393	47.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.72%	
Target Compounds						
18) Methyl Acetate	2.62	43	3352	1.115	ug/l #	87
20) Methylene Chloride	2.70	84	9445	4.994	ug/l	93
43) Isopropyl Acetate	5.55	43	104052	21.992	ug/l	99
95) Naphthalene	13.75	128	7731	2.756	ug/l	98

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027304.D

Acq: 29 Sep 2018 04:38

Instrument :

MSVOA_U

ClientSampleId :

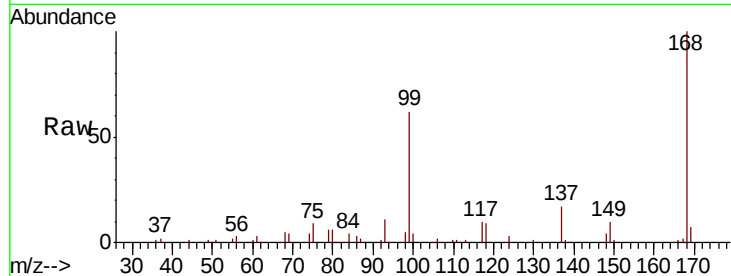
PL-01-092718-C

Tot Ion:168 Resp: 104931

Ion Ratio Lower Upper

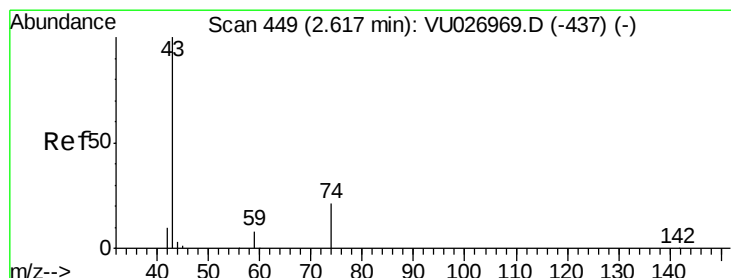
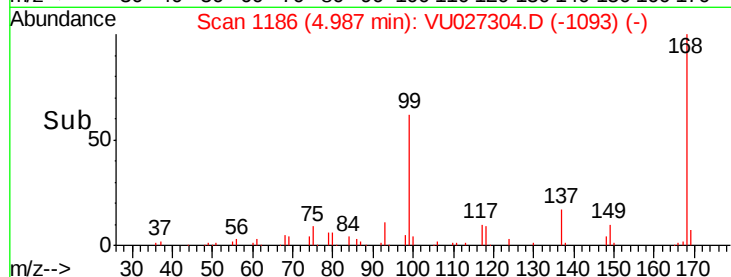
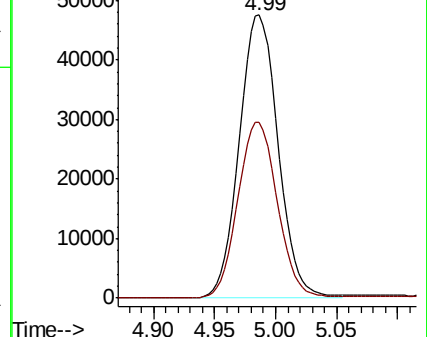
168 100

99 62.0 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU026969.D (-1169) (-)



#18

Methyl Acetate

Concen: 1.115 ug/l

RT: 2.62 min Scan# 450

Delta R.T. 0.00 min

Lab File: VU027304.D

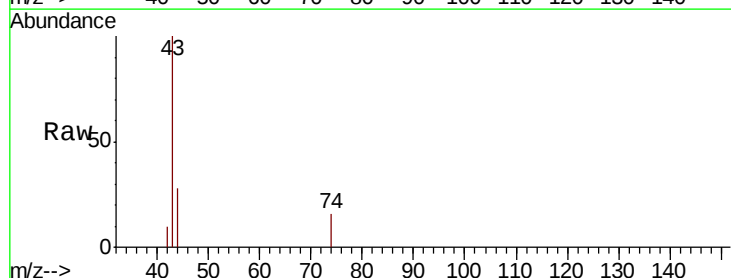
Acq: 29 Sep 2018 04:38

Tgt Ion: 43 Resp: 3352

Ion Ratio Lower Upper

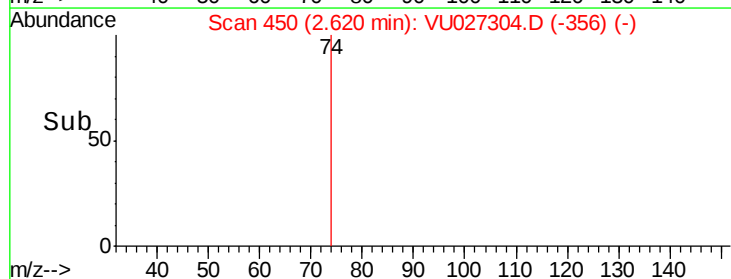
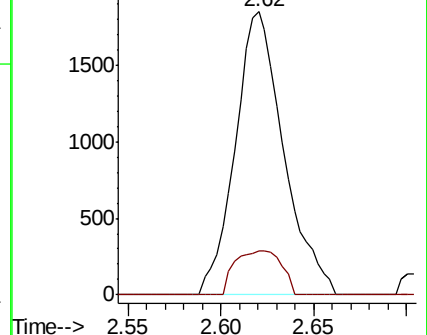
43 100

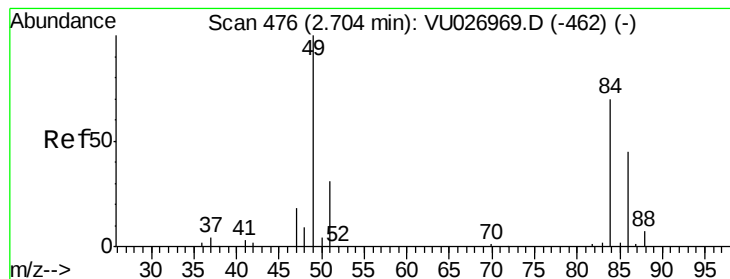
74 14.9 16.6 25.0#



Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-437) (-)

Ion 74.00 (73.70 to 74.70): VU026969.D (-437) (-)





#20

Methylene Chloride

Concen: 4.994 ug/l

RT: 2.70 min Scan# 476

Delta R.T. 0.00 min

Lab File: VU027304.D

Acq: 29 Sep 2018 04:38

Instrument :

MSVOA_U

ClientSampleId :

PL-01-092718-C

Tot Ion: 84 Resp: 9445

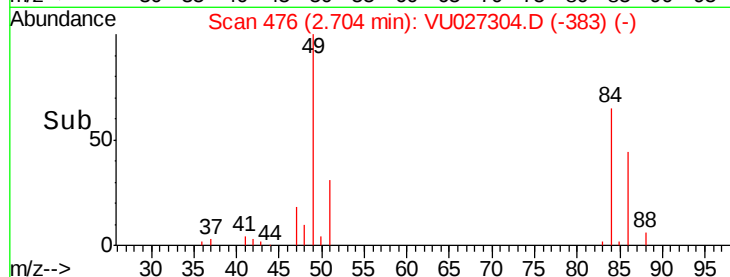
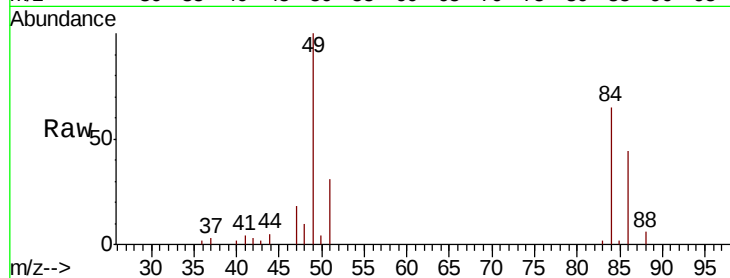
Ion Ratio Lower Upper

84 100

49 154.7 114.9 172.3

51 48.5 35.8 53.8

86 67.9 51.3 76.9



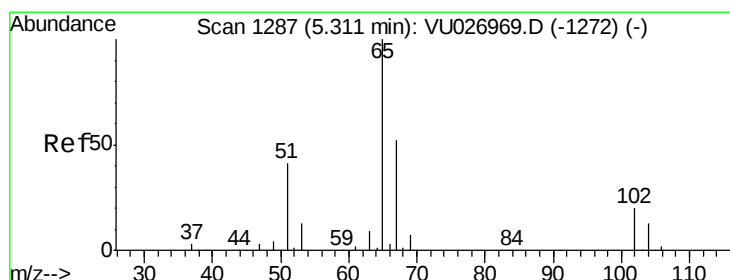
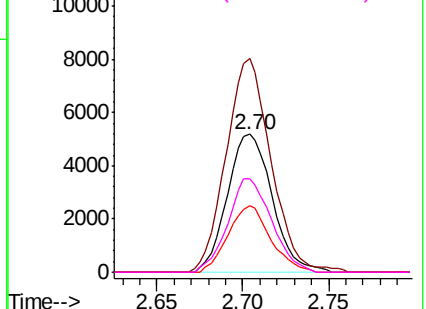
Abundance

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: 50.079 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VU027304.D

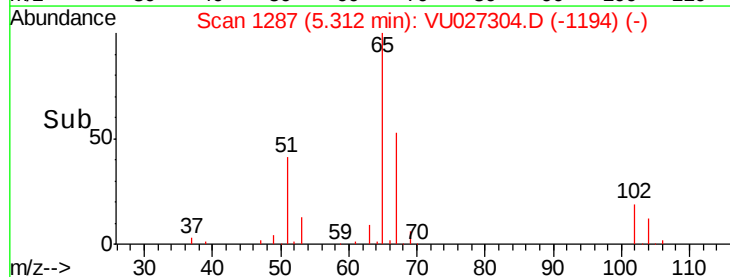
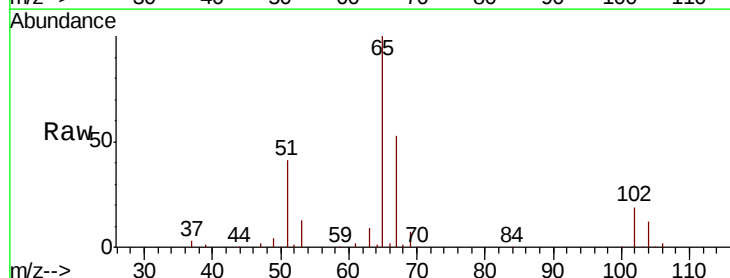
Acq: 29 Sep 2018 04:38

Tgt Ion: 65 Resp: 105763

Ion Ratio Lower Upper

65 100

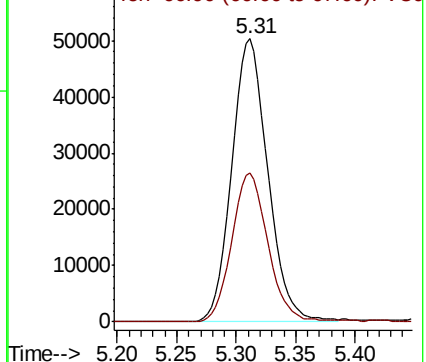
67 52.5 0.0 105.6

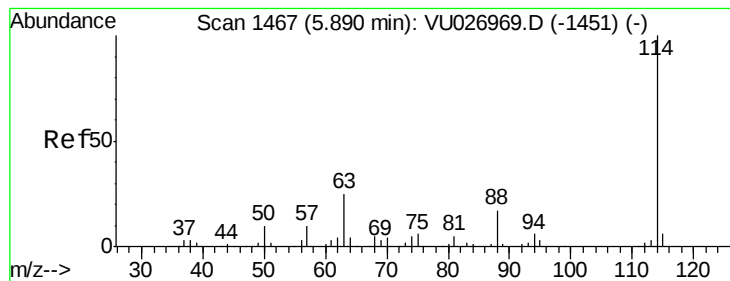


Abundance

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: VU027304.D

Acq: 29 Sep 2018 04:38

Instrument :

MSVOA_U

ClientSampleId :

PL-01-092718-C

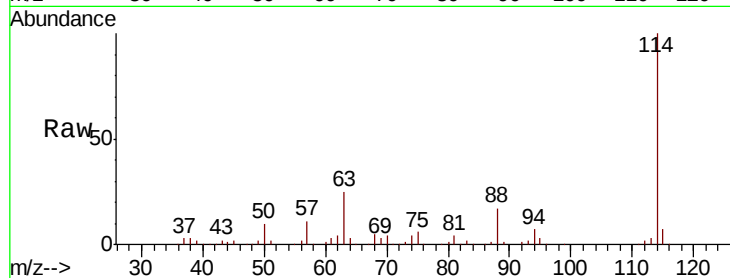
Tot Ion:114 Resp: 179564

Ion Ratio Lower Upper

114 100

63 25.2 0.0 49.2

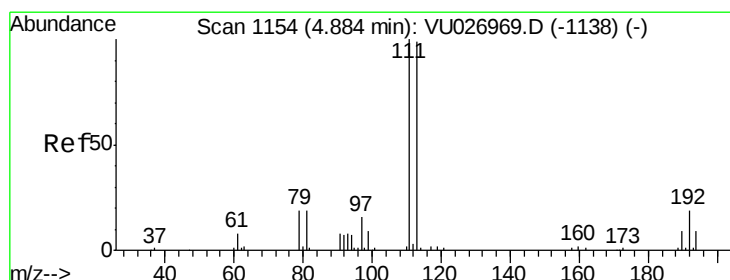
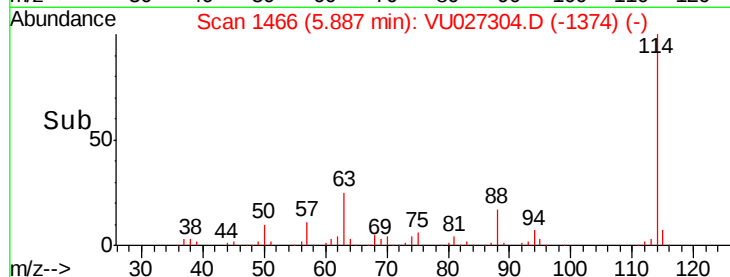
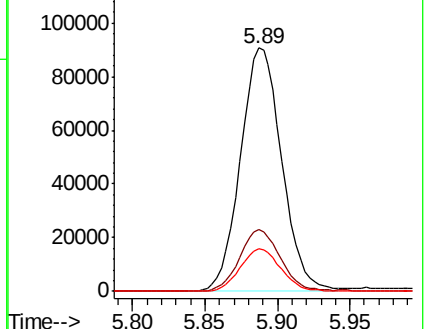
88 17.3 0.0 33.8



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: 47.316 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. 0.00 min

Lab File: VU027304.D

Acq: 29 Sep 2018 04:38

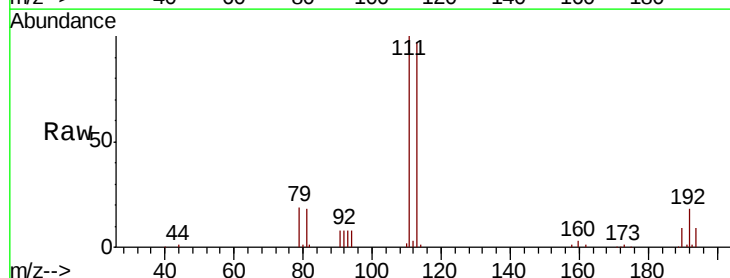
Tgt Ion:113 Resp: 73645

Ion Ratio Lower Upper

113 100

111 103.6 82.2 123.4

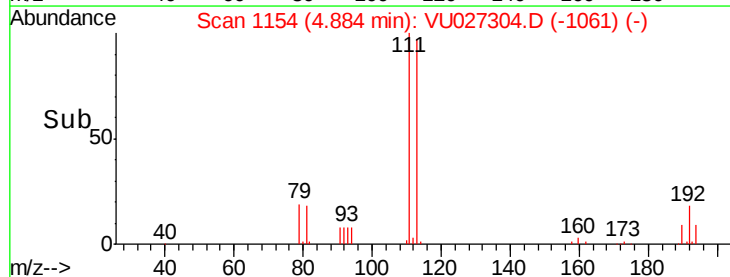
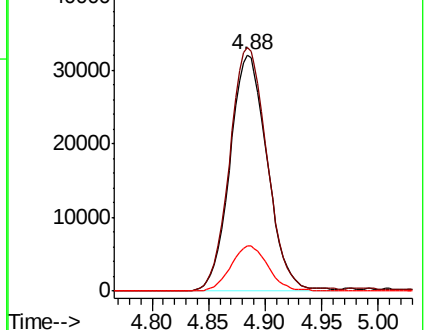
192 19.0 15.2 22.8

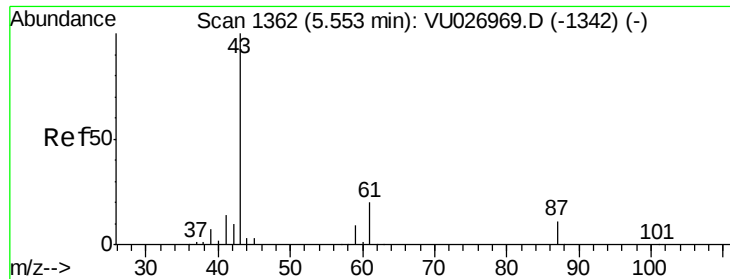


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 21.992 ug/l

RT: 5.55 min Scan# 1361

Delta R.T. -0.00 min

Lab File: VU027304.D

Acq: 29 Sep 2018 04:38

Instrument :

MSVOA_U

ClientSampleId :

PL-01-092718-C

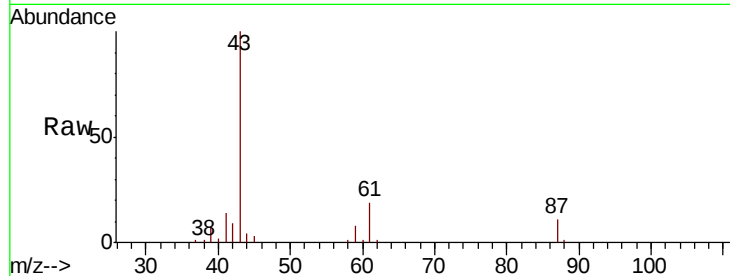
Tot Ion: 43 Resp: 104052

Ion Ratio Lower Upper

43 100

61 19.0 15.7 23.5

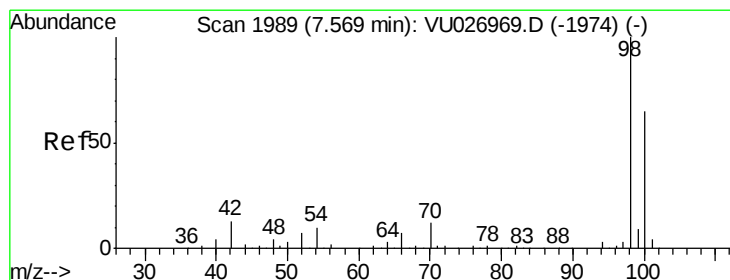
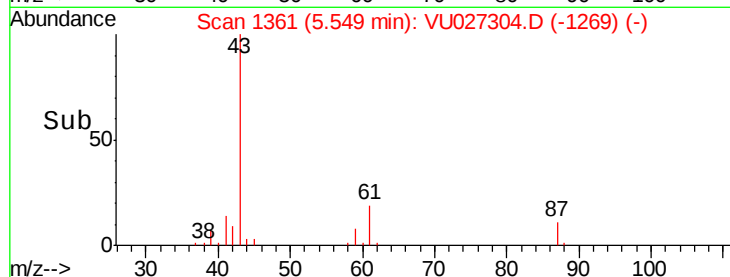
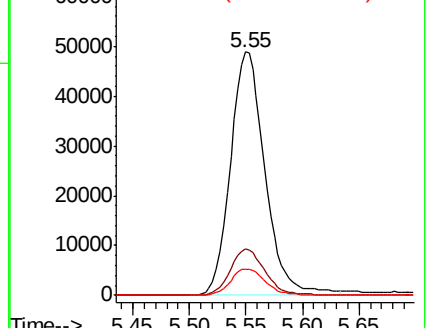
87 10.8 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-1342) (-)

Ion 61.00 (60.70 to 61.70): VU026969.D (-1342) (-)

Ion 87.00 (86.70 to 87.70): VU026969.D (-1342) (-)



#50

Toluene-d8

Concen: 46.974 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU027304.D

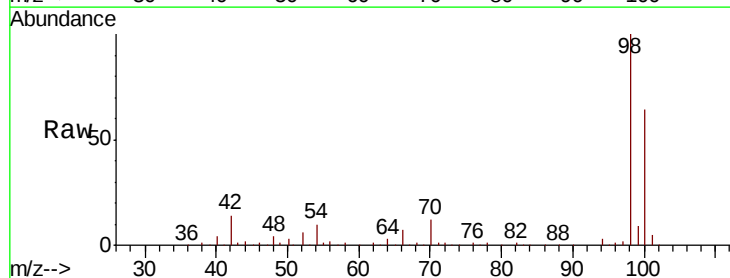
Acq: 29 Sep 2018 04:38

Tgt Ion: 98 Resp: 278637

Ion Ratio Lower Upper

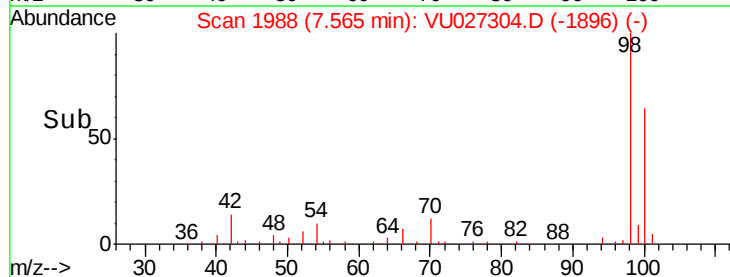
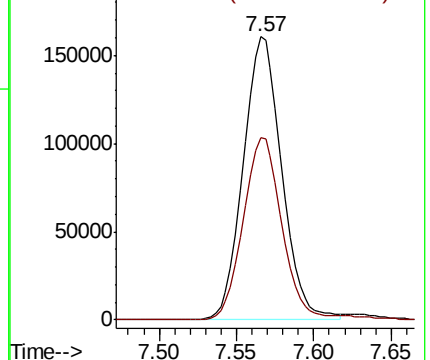
98 100

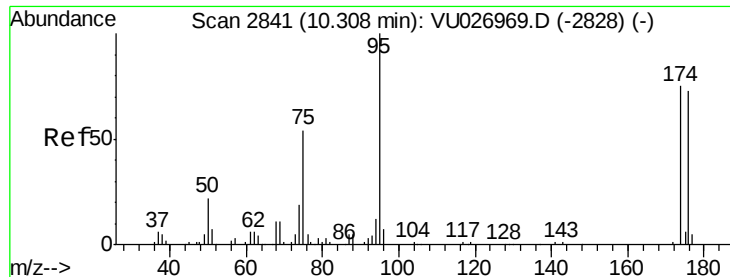
100 65.9 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU026969.D (-1974) (-)

Ion 100.00 (99.70 to 100.70): VU026969.D (-1974) (-)

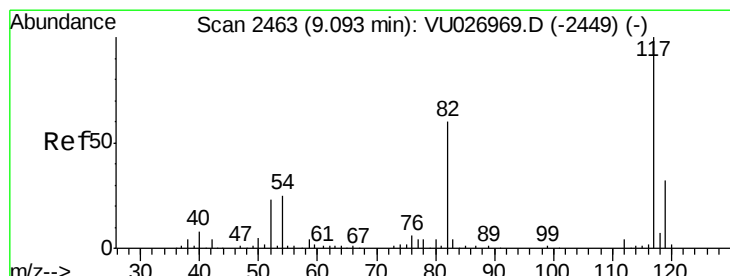
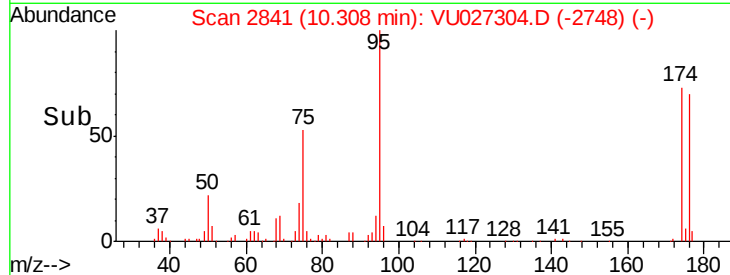
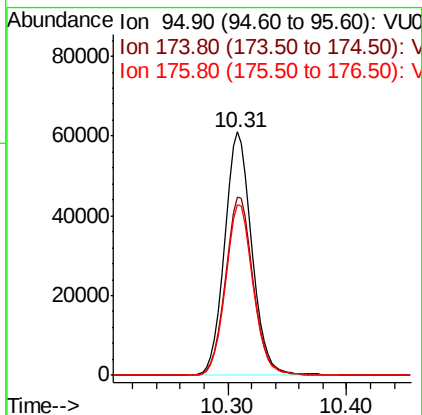
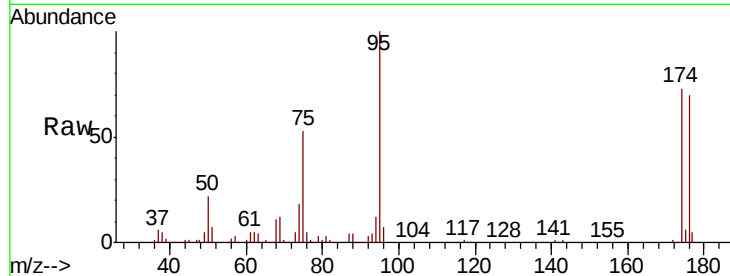




#62
 4-Bromofluorobenzene
 Concen: 47.359 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VU027304.D
 Acq: 29 Sep 2018 04:38

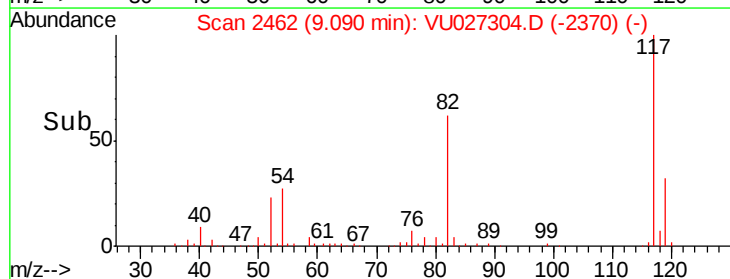
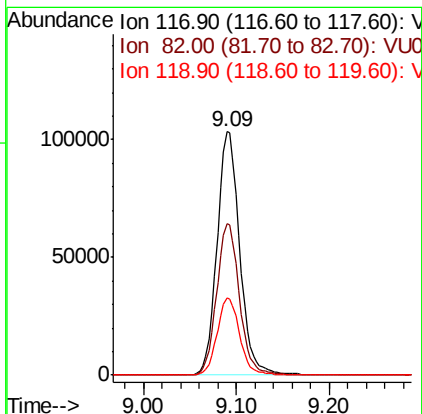
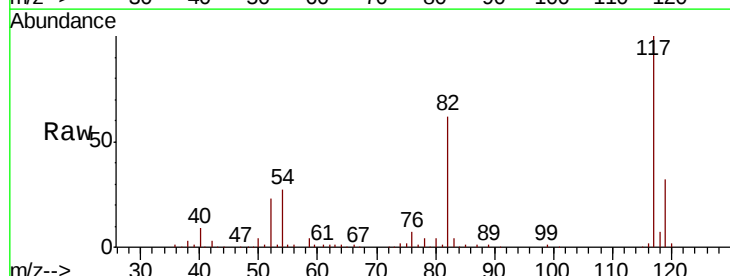
Instrument :
 MSVOA_U
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 PL-01-092718-C

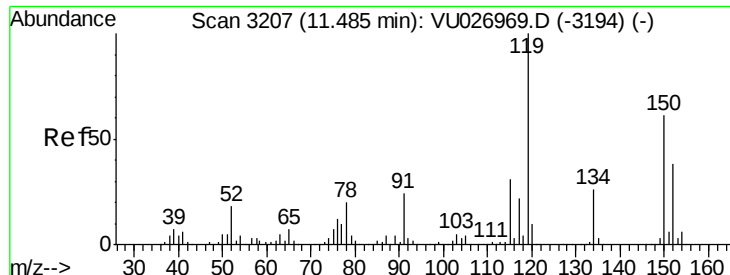
Tot Ion: 95 Resp: 96393
 Ion Ratio Lower Upper
 95 100
 174 75.0 0.0 150.2
 176 71.3 0.0 145.2



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.09 min Scan# 2462
 Delta R.T. -0.00 min
 Lab File: VU027304.D
 Acq: 29 Sep 2018 04:38

Tgt Ion: 117 Resp: 175241
 Ion Ratio Lower Upper
 117 100
 82 62.1 48.0 72.0
 119 31.5 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU027304.D

Acq: 29 Sep 2018 04:38

Instrument :

MSVOA_U

ClientSampleId :

PL-01-092718-C

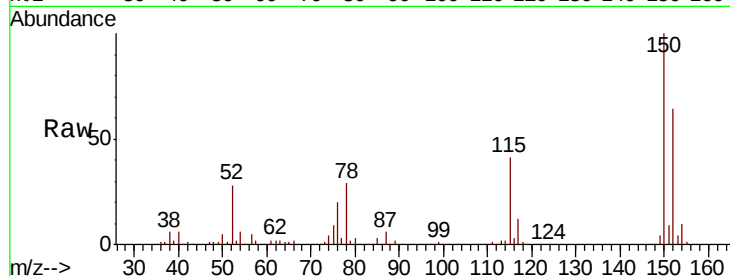
Tot Ion:152 Resp: 84549

Ion Ratio Lower Upper

152 100

115 61.9 44.9 134.5

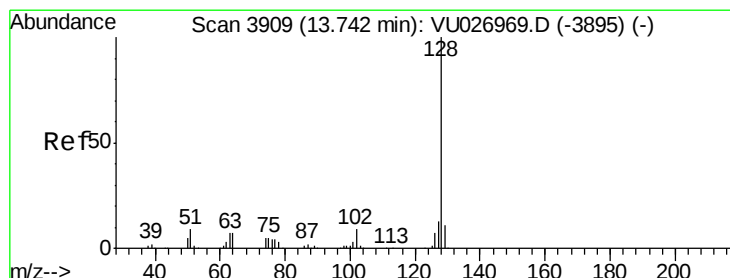
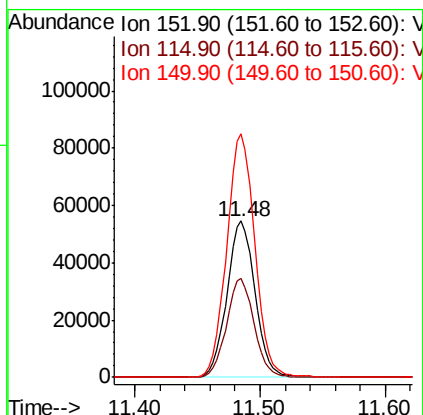
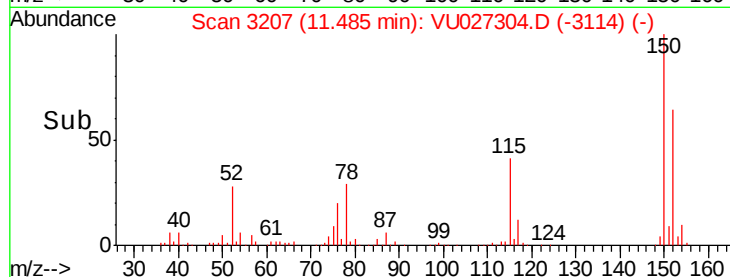
150 156.1 0.0 355.8



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: 2.756 ug/l

RT: 13.75 min Scan# 3910

Delta R.T. 0.00 min

Lab File: VU027304.D

Acq: 29 Sep 2018 04:38

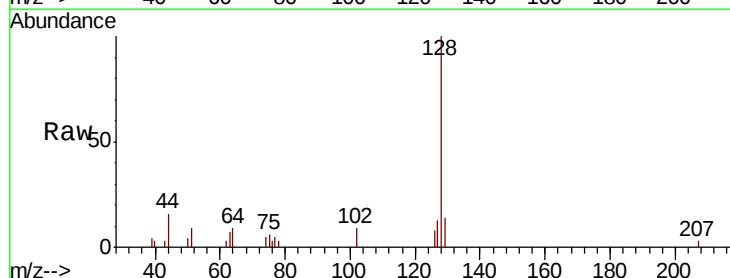
Tgt Ion:128 Resp: 7731

Ion Ratio Lower Upper

128 100

127 12.0 10.6 15.8

129 10.7 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

