

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092818\
 Data File : VU027300.D
 Acq On : 29 Sep 2018 03:06
 Operator : MD/SY
 Sample : J4776-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EO-01-092718-B

Quant Time: Oct 01 02:19:11 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

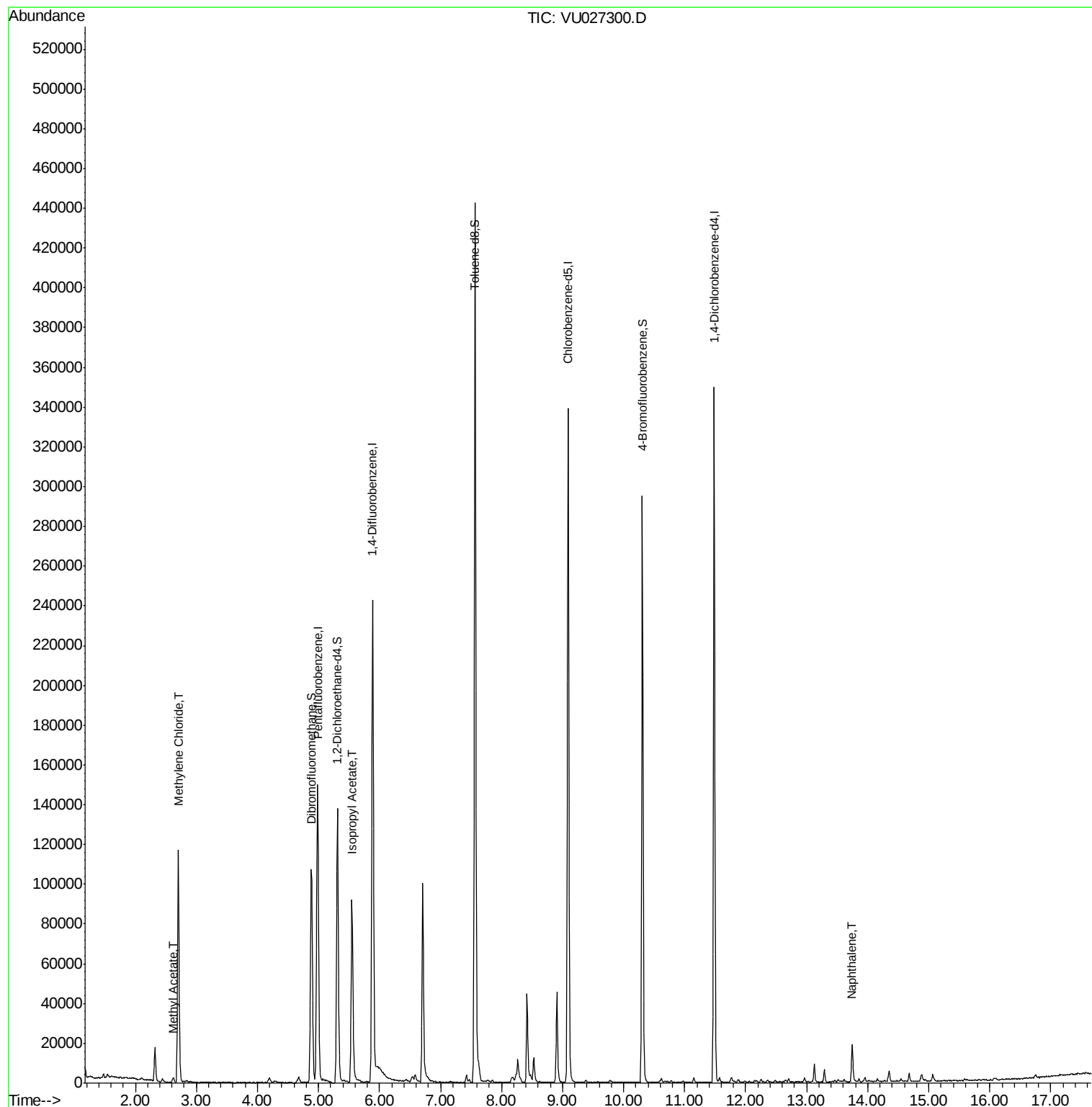
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	107031	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	185896	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	178946	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	84658	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	106374	49.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.76%	
35) Dibromofluoromethane	4.88	113	73879	45.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.70%	
50) Toluene-d8	7.57	98	291467	47.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.92%	
62) 4-Bromofluorobenzene	10.31	95	97556	46.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.60%	
Target Compounds						
					Qvalue	
18) Methyl Acetate	2.62	43	3468	1.131	ug/l #	87
20) Methylene Chloride	2.70	84	47557	24.651	ug/l	95
43) Isopropyl Acetate	5.55	43	110432	22.546	ug/l	98
95) Naphthalene	13.75	128	16612	3.979	ug/l	97

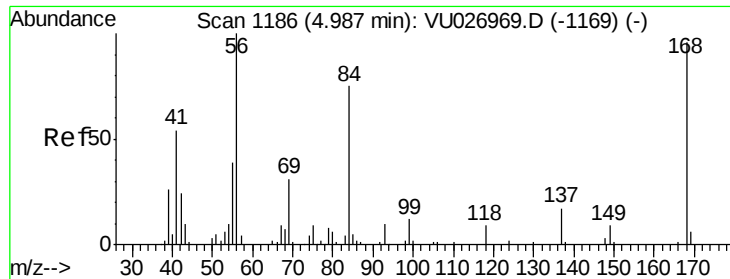
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU027300.D

Acq: 29 Sep 2018 03:06

Instrument :

MSVOA_U

ClientSampleId :

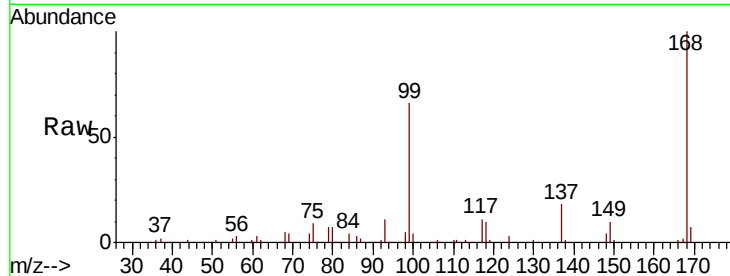
EO-01-092718-B

Tot Ion:168 Resp: 107031

Ion Ratio Lower Upper

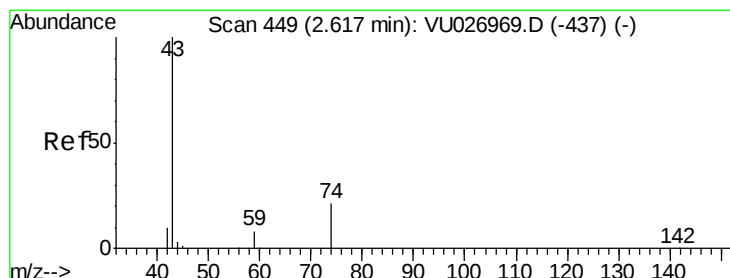
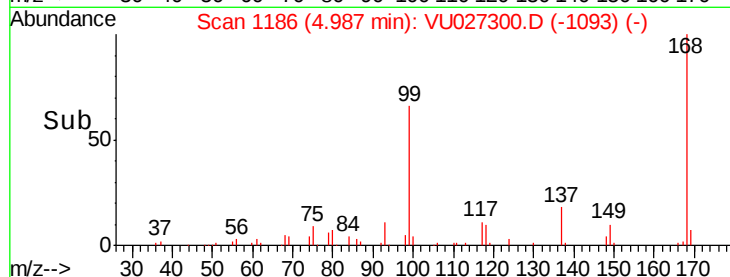
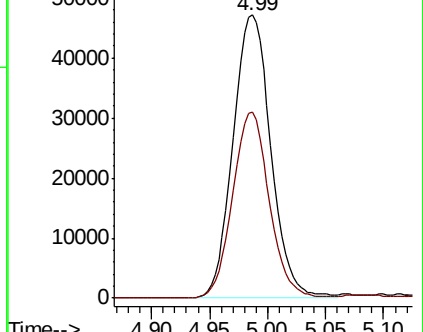
168 100

99 65.9 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: 1.131 ug/l

RT: 2.62 min Scan# 451

Delta R.T. 0.01 min

Lab File: VU027300.D

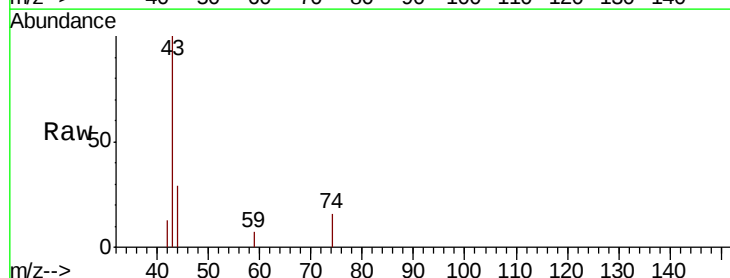
Acq: 29 Sep 2018 03:06

Tgt Ion: 43 Resp: 3468

Ion Ratio Lower Upper

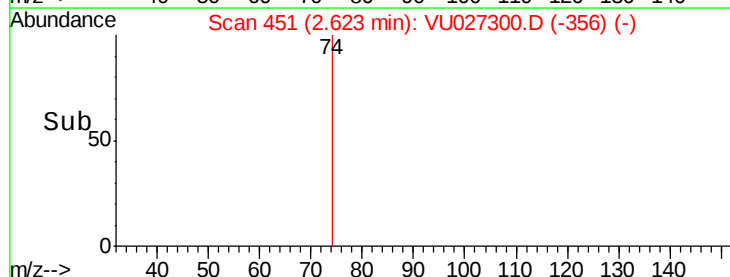
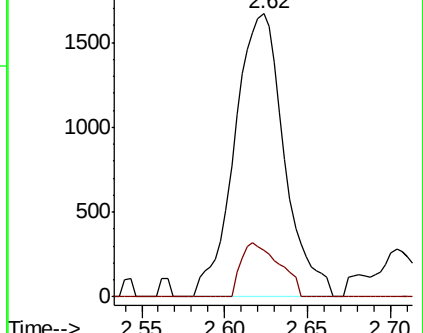
43 100

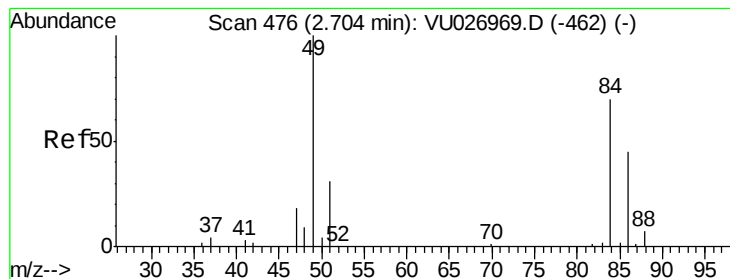
74 14.8 16.6 25.0#



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

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





#20

Methvlene Chloride

Concen: 24.651 ug/l

RT: 2.70 min Scan# 476

Delta R.T. 0.00 min

Lab File: VU027300.D

Acq: 29 Sep 2018 03:06

Instrument :

MSVOA_U

ClientSampleId :

EO-01-092718-B

Tot Ion: 84 Resp: 47557

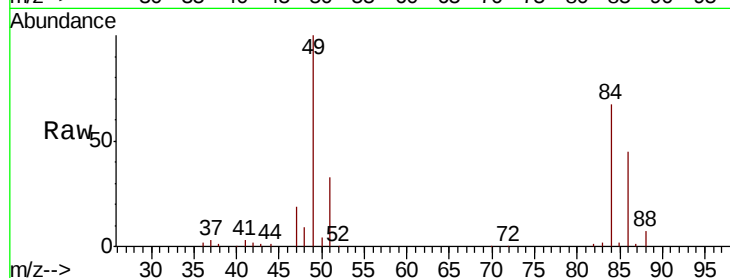
Ion Ratio Lower Upper

84 100

49 149.3 114.9 172.3

51 49.3 35.8 53.8

86 67.0 51.3 76.9

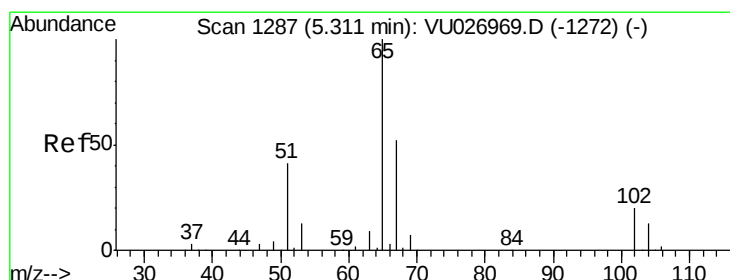
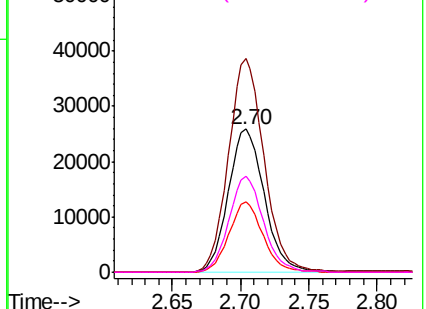
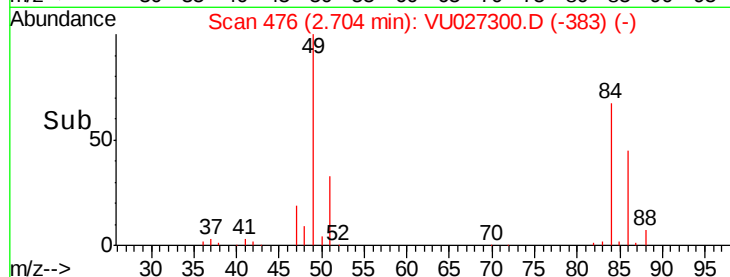


Abundance Ion 83.90 (83.60 to 84.60): VU0

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: 49.380 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VU027300.D

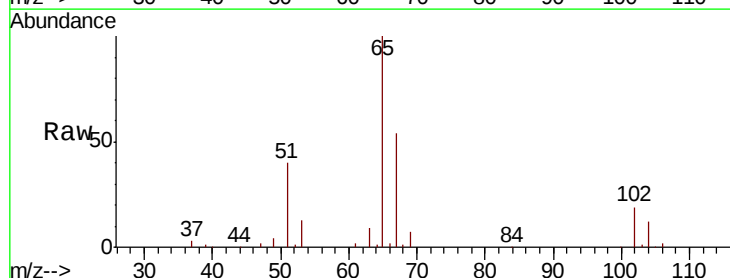
Acq: 29 Sep 2018 03:06

Tgt Ion: 65 Resp: 106374

Ion Ratio Lower Upper

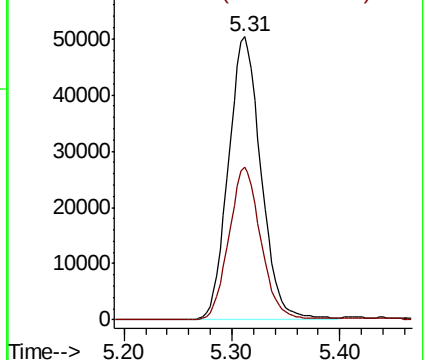
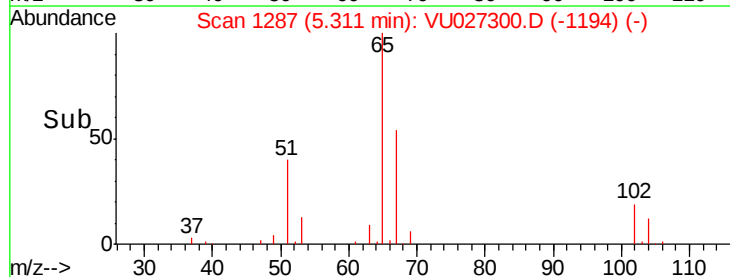
65 100

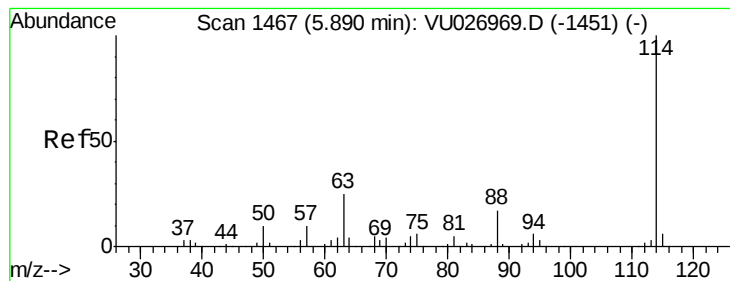
67 52.9 0.0 105.6



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# 1467

Delta R.T. 0.00 min

Lab File: VU027300.D

Acq: 29 Sep 2018 03:06

Instrument :

MSVOA_U

ClientSampleId :

EO-01-092718-B

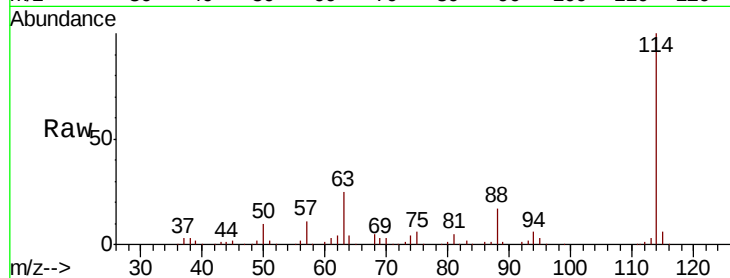
Tot Ion:114 Resp: 185896

Ion Ratio Lower Upper

114 100

63 24.7 0.0 49.2

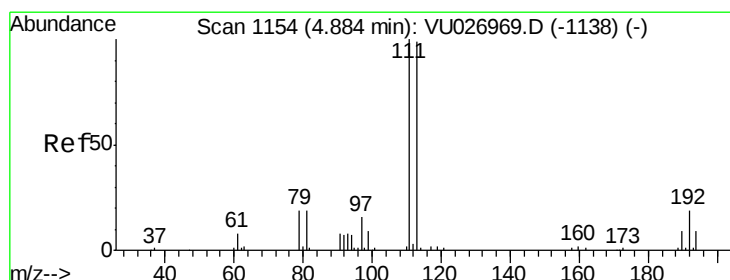
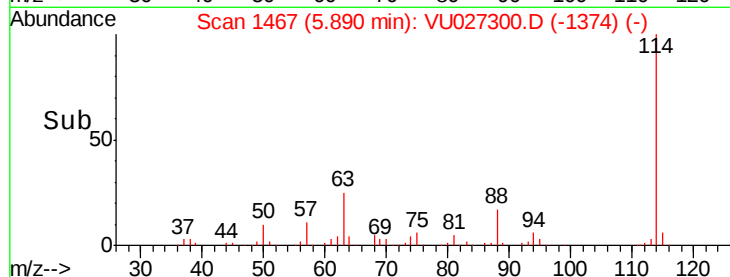
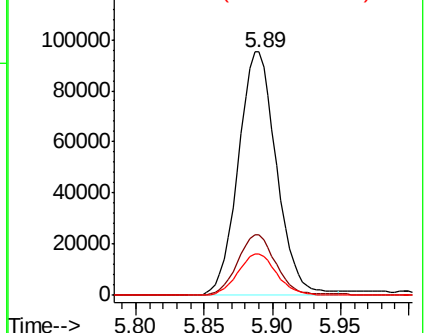
88 17.1 0.0 33.8



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: 45.849 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. 0.00 min

Lab File: VU027300.D

Acq: 29 Sep 2018 03:06

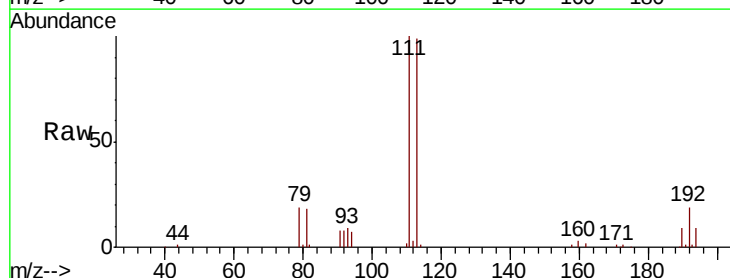
Tgt Ion:113 Resp: 73879

Ion Ratio Lower Upper

113 100

111 103.7 82.2 123.4

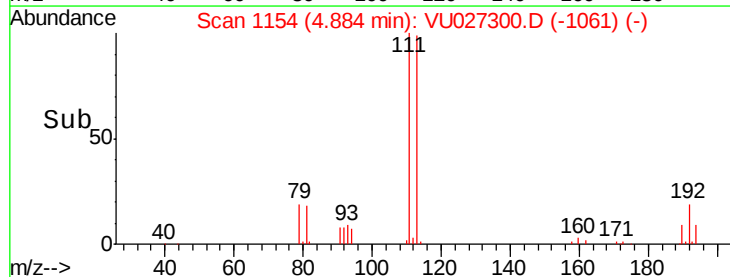
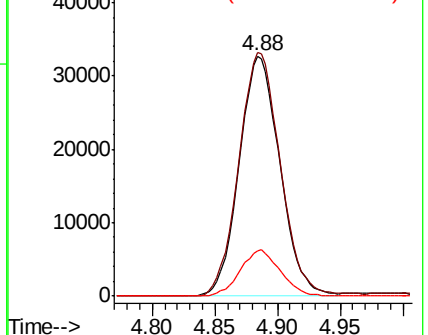
192 18.9 15.2 22.8

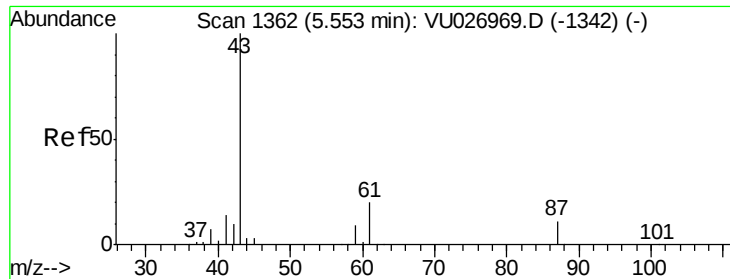


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 22.546 ug/l

RT: 5.55 min Scan# 1361

Delta R.T. -0.00 min

Lab File: VU027300.D

Acq: 29 Sep 2018 03:06

Instrument :

MSVOA_U

ClientSampleID :

EO-01-092718-B

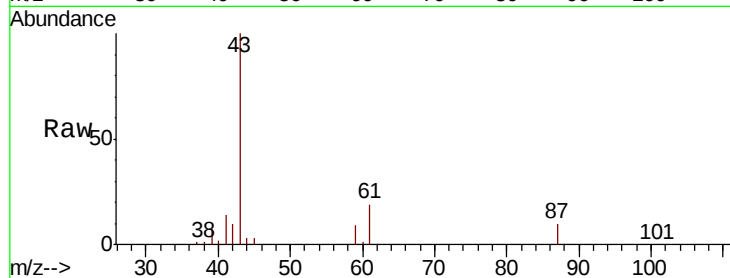
Tot Ion: 43 Resp: 110432

Ion Ratio Lower Upper

43 100

61 18.9 15.7 23.5

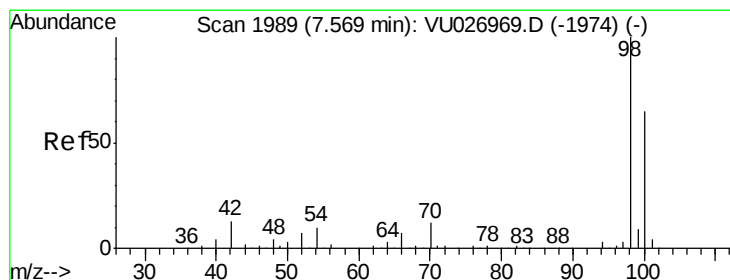
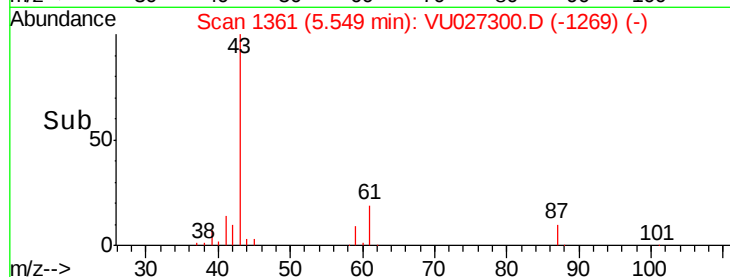
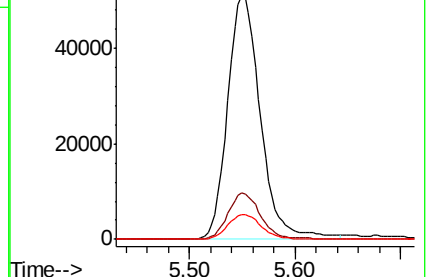
87 10.3 9.0 13.4



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: 47.463 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU027300.D

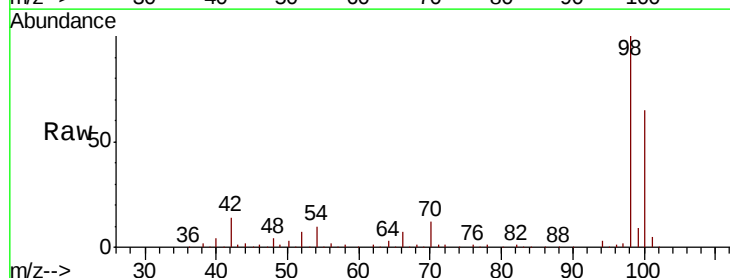
Acq: 29 Sep 2018 03:06

Tgt Ion: 98 Resp: 291467

Ion Ratio Lower Upper

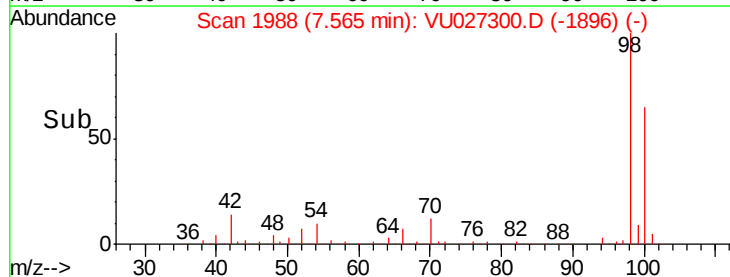
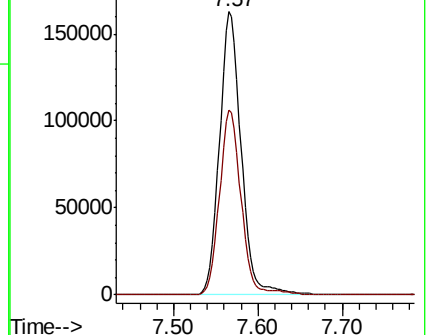
98 100

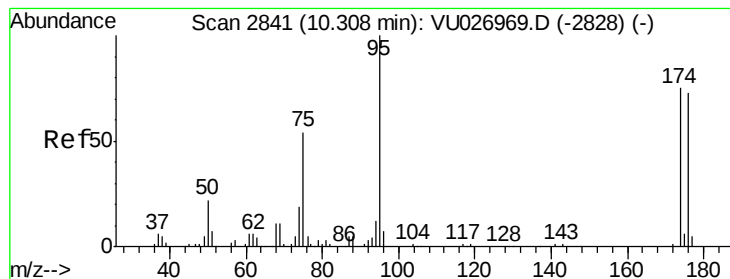
100 65.1 52.1 78.1



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: 46.298 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027300.D

Acq: 29 Sep 2018 03:06

Instrument :

MSVOA_U

ClientSampleId :

EO-01-092718-B

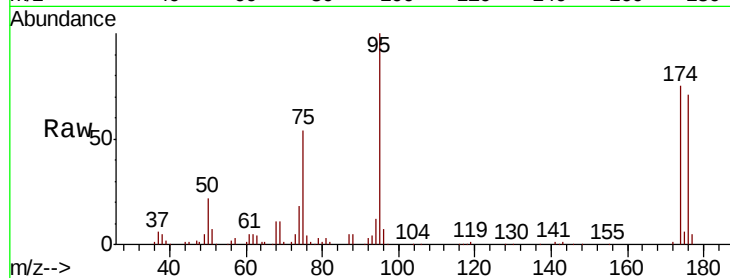
Tot Ion: 95 Resp: 97556

Ion Ratio Lower Upper

95 100

174 75.5 0.0 150.2

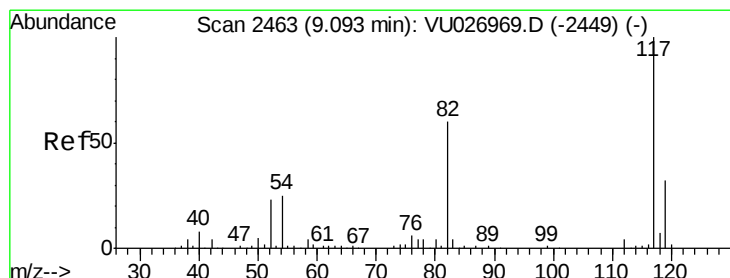
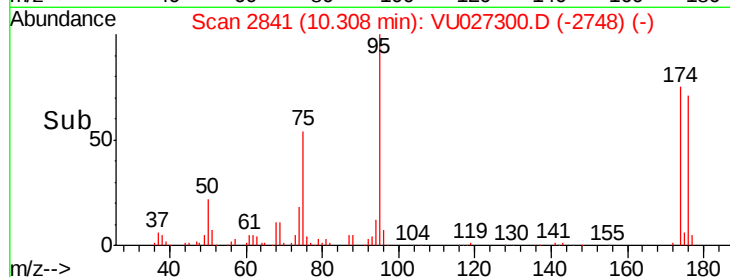
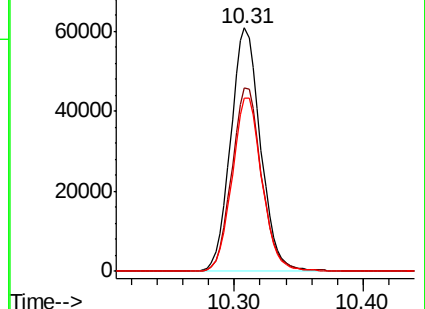
176 71.3 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VU026969.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU026969.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU026969.D (-2828) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. -0.00 min

Lab File: VU027300.D

Acq: 29 Sep 2018 03:06

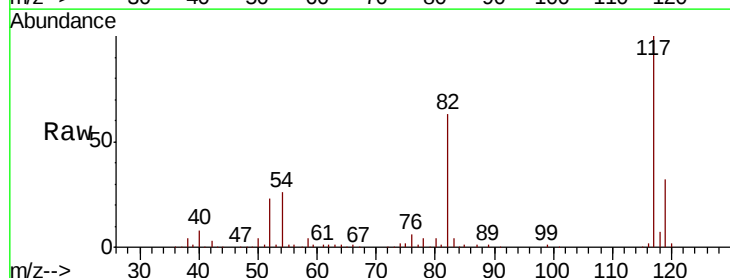
Tgt Ion: 117 Resp: 178946

Ion Ratio Lower Upper

117 100

82 62.8 48.0 72.0

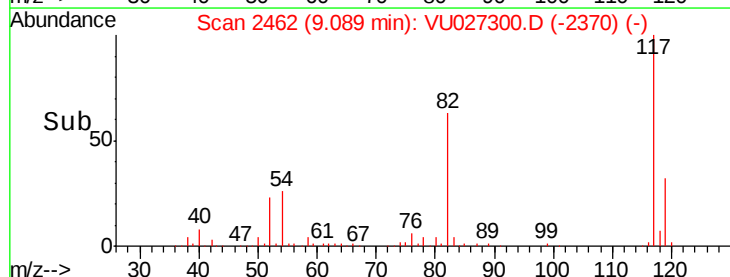
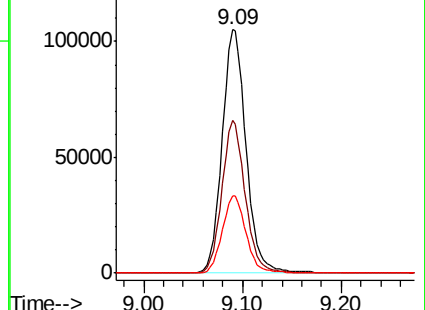
119 31.7 25.8 38.8

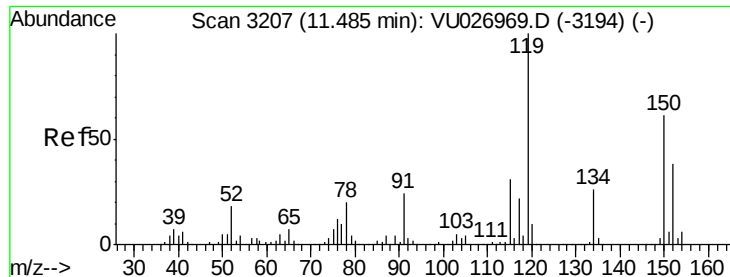


Abundance Ion 116.90 (116.60 to 117.60): VU026969.D (-2449) (-)

Ion 82.00 (81.70 to 82.70): VU026969.D (-2449) (-)

Ion 118.90 (118.60 to 119.60): VU026969.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: VU027300.D

Acq: 29 Sep 2018 03:06

Instrument :

MSVOA_U

ClientSampleId :

EO-01-092718-B

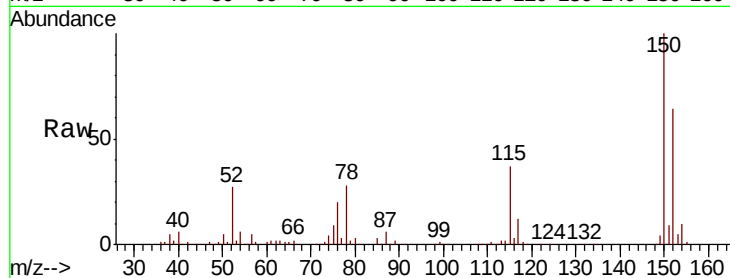
Tot Ion:152 Resp: 84658

Ion Ratio Lower Upper

152 100

115 60.6 44.9 134.5

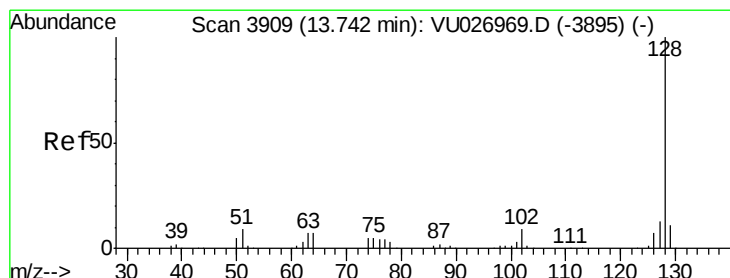
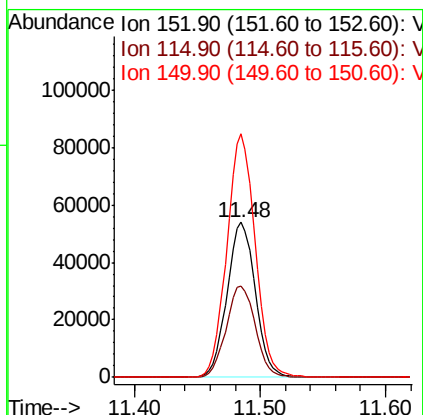
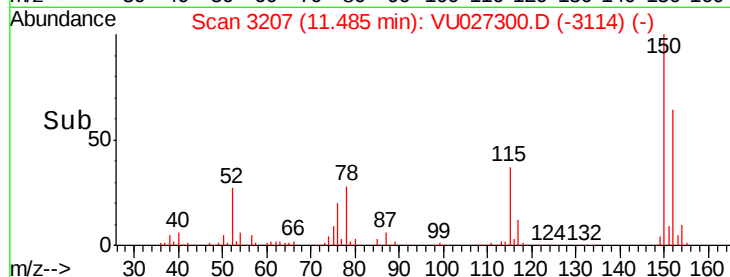
150 156.4 0.0 355.8



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: 3.979 ug/l

RT: 13.75 min Scan# 3910

Delta R.T. 0.00 min

Lab File: VU027300.D

Acq: 29 Sep 2018 03:06

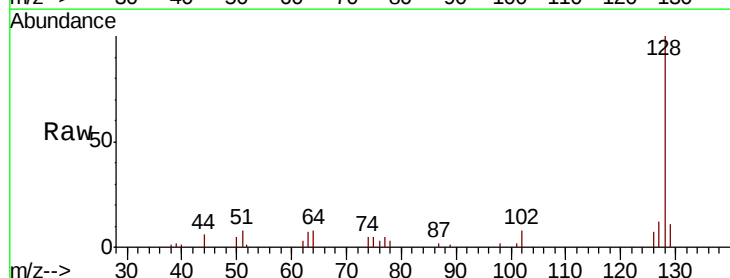
Tgt Ion:128 Resp: 16612

Ion Ratio Lower Upper

128 100

127 12.2 10.6 15.8

129 9.6 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

