

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092818\
 Data File : VU027299.D
 Acq On : 29 Sep 2018 02:42
 Operator : MD/SY
 Sample : J4776-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 48 Sample Multiplier: 1

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

Quant Time: Oct 01 02:13:55 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

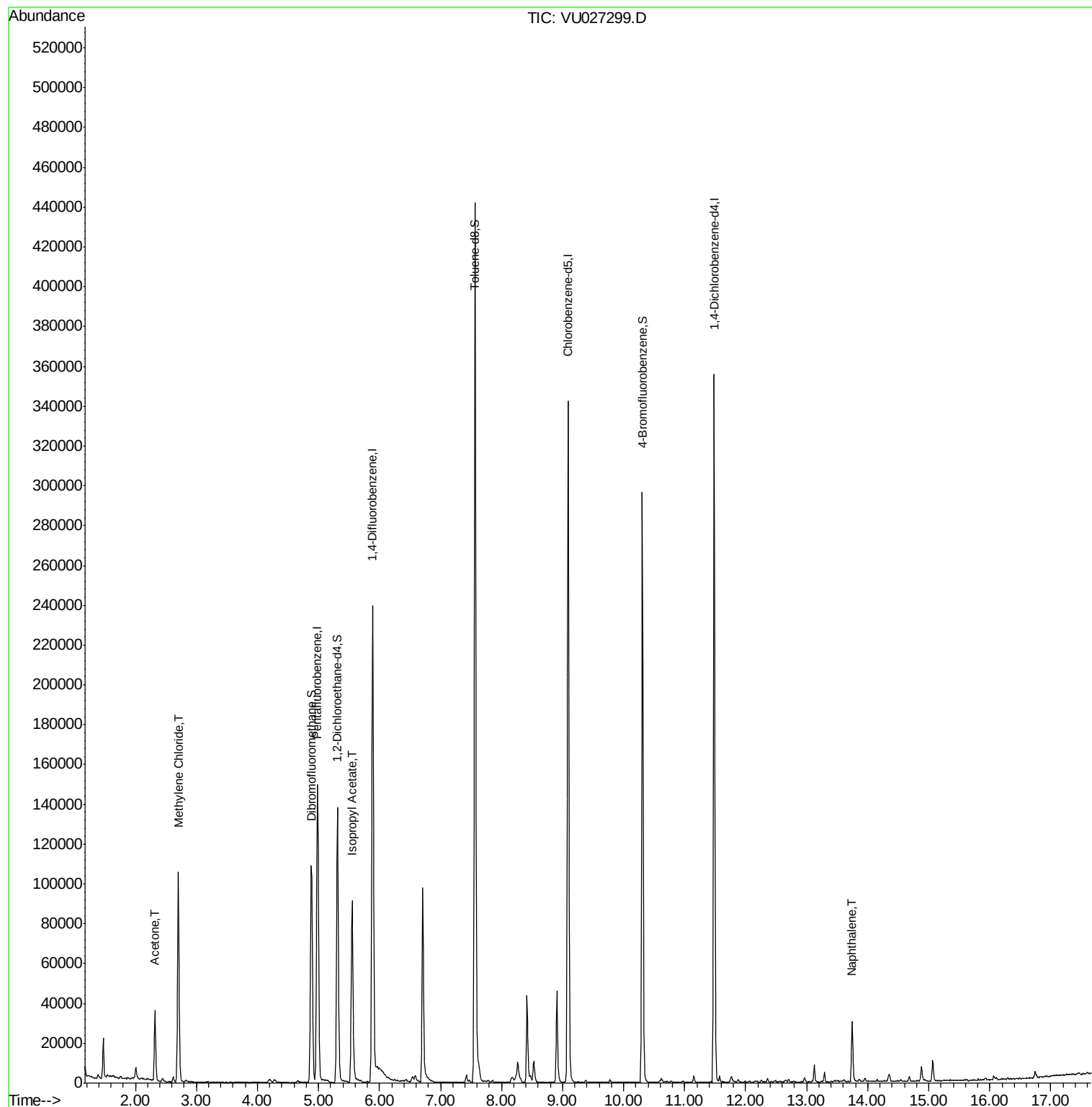
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	108093	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	184596	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	179506	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	85823	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	107266	49.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.62%	
35) Dibromofluoromethane	4.88	113	74970	46.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.70%	
50) Toluene-d8	7.57	98	292221	47.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.84%	
62) 4-Bromofluorobenzene	10.31	95	99388	47.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.00%	
Target Compounds						
16) Acetone	2.32	43	36168	15.752	ug/l	96
20) Methylene Chloride	2.70	84	43530	22.342	ug/l	98
43) Isopropyl Acetate	5.55	43	107079	22.015	ug/l	99
95) Naphthalene	13.75	128	25303	5.130	ug/l	98

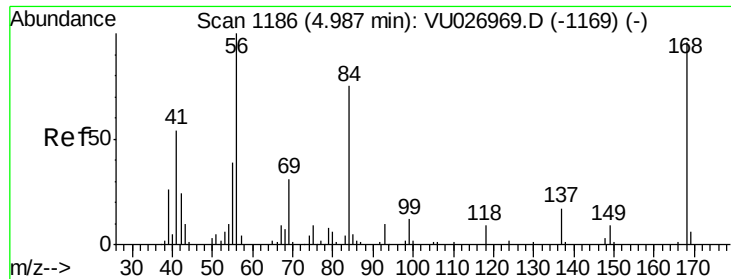
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU027299.D

Acq: 29 Sep 2018 02:42

Instrument :

MSVOA_U

ClientSampleId :

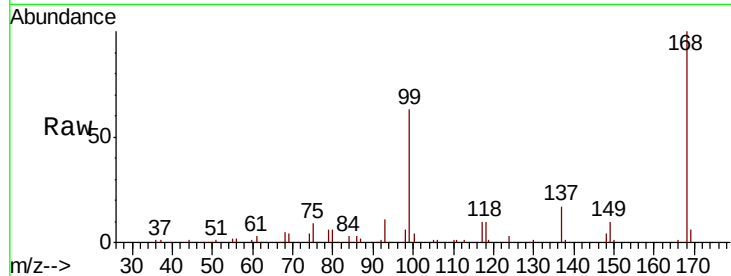
EO-01-092718-A

Tot Ion:168 Resp: 108093

Ion Ratio Lower Upper

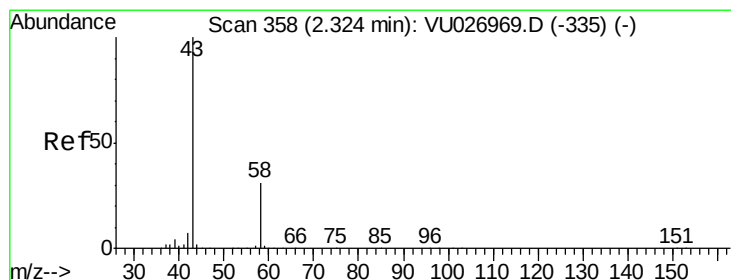
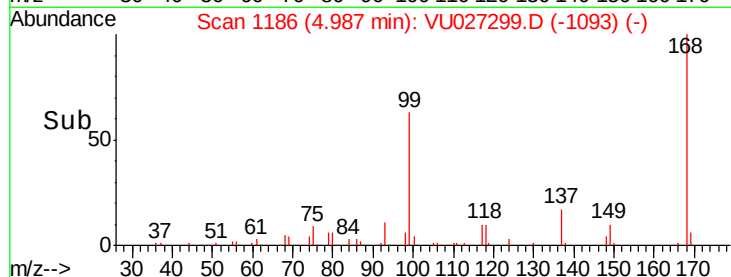
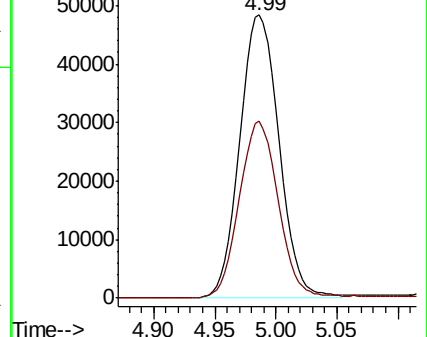
168 100

99 62.7 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) (-)



#16

Acetone

Concen: 15.752 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU027299.D

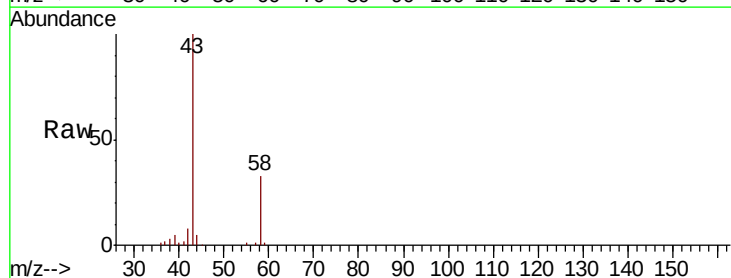
Acq: 29 Sep 2018 02:42

Tgt Ion: 43 Resp: 36168

Ion Ratio Lower Upper

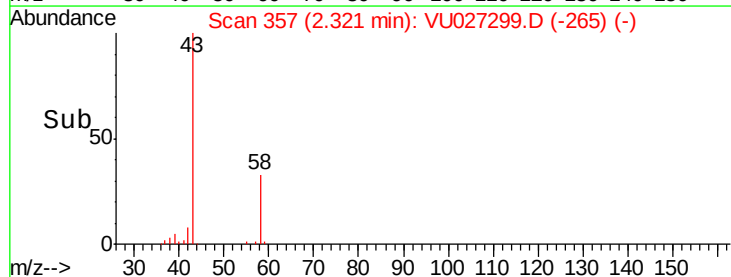
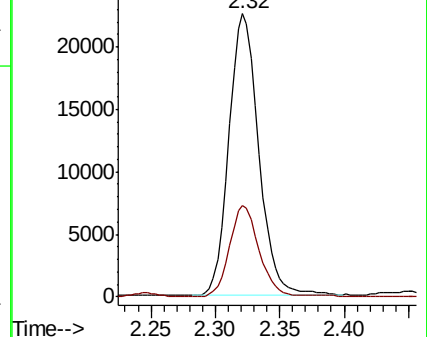
43 100

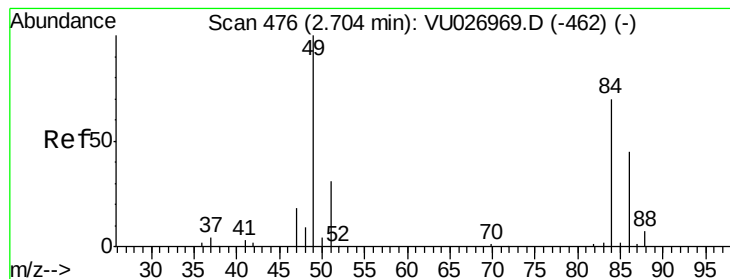
58 32.7 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-335) (-)

Ion 58.00 (57.70 to 58.70): VU026969.D (-335) (-)





#20

Methylene Chloride

Concen: 22.342 ug/l

RT: 2.70 min Scan# 476

Delta R.T. -0.00 min

Lab File: VU027299.D

Acq: 29 Sep 2018 02:42

Instrument :

MSVOA_U

ClientSampleId :

EO-01-092718-A

Tot Ion: 84 Resp: 43530

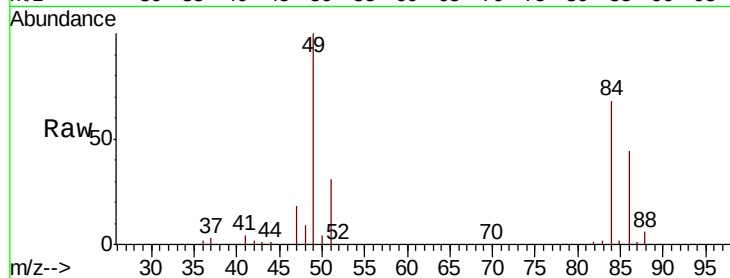
Ion Ratio Lower Upper

84 100

49 147.5 114.9 172.3

51 45.8 35.8 53.8

86 65.0 51.3 76.9

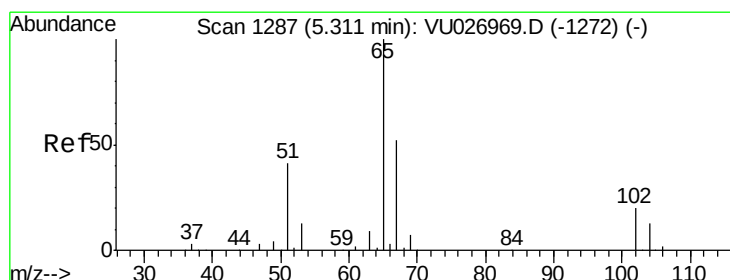
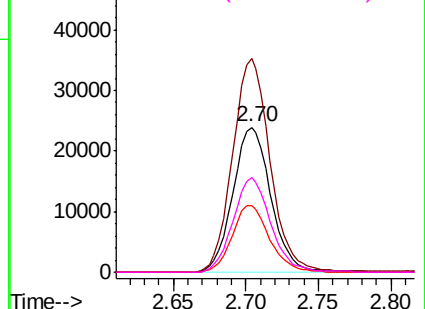
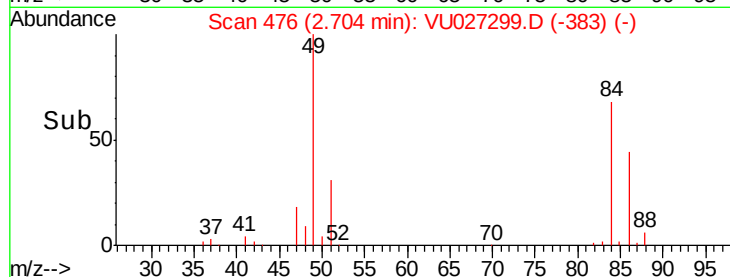


Abundance Ion 83.90 (83.60 to 84.60): VU0

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: 49.305 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. -0.00 min

Lab File: VU027299.D

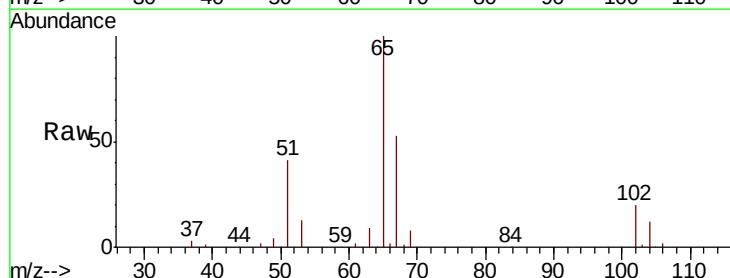
Acq: 29 Sep 2018 02:42

Tgt Ion: 65 Resp: 107266

Ion Ratio Lower Upper

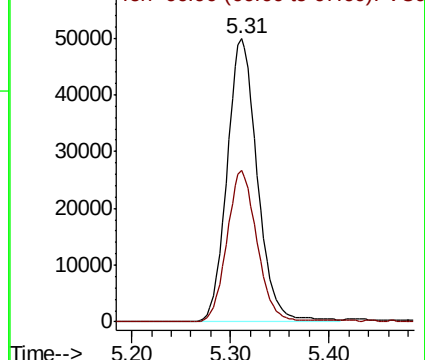
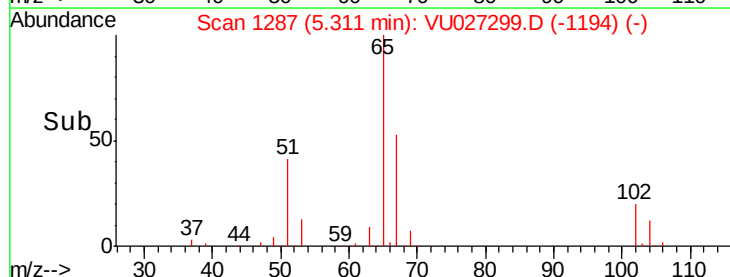
65 100

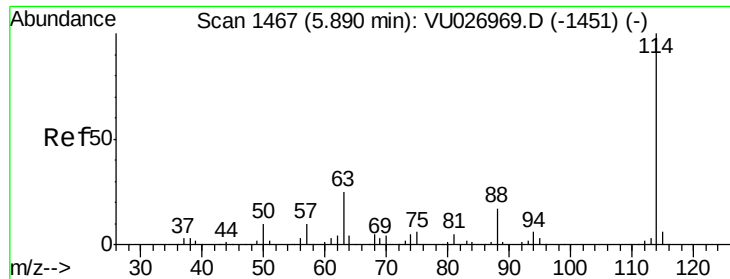
67 53.2 0.0 105.6



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: VU027299.D

Acq: 29 Sep 2018 02:42

Instrument :

MSVOA_U

ClientSampleId :

EO-01-092718-A

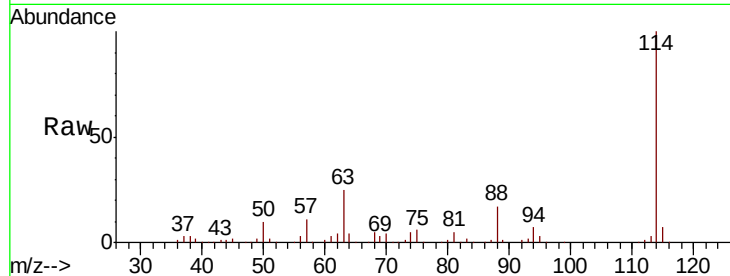
Tot Ion:114 Resp: 184596

Ion Ratio Lower Upper

114 100

63 24.8 0.0 49.2

88 16.9 0.0 33.8

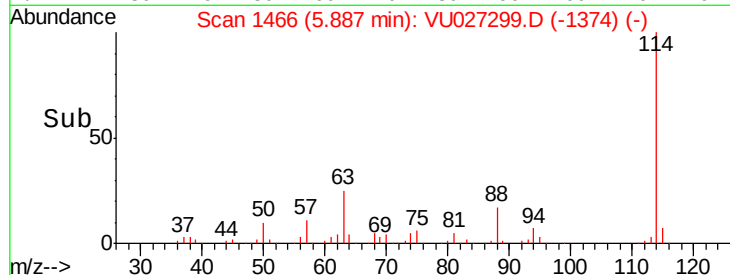


Abundance Ion 113.90 (113.60 to 114.60): V

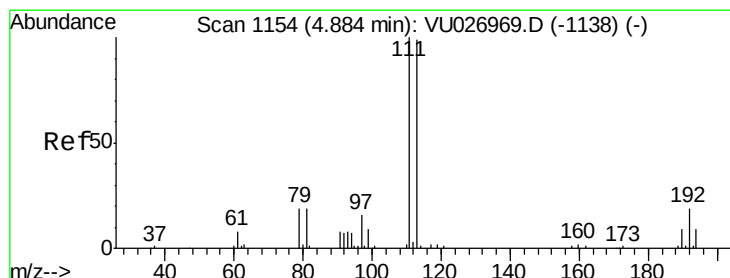
Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0

Time-->



Time-->



#35

Dibromofluoromethane

Concen: 46.854 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. -0.00 min

Lab File: VU027299.D

Acq: 29 Sep 2018 02:42

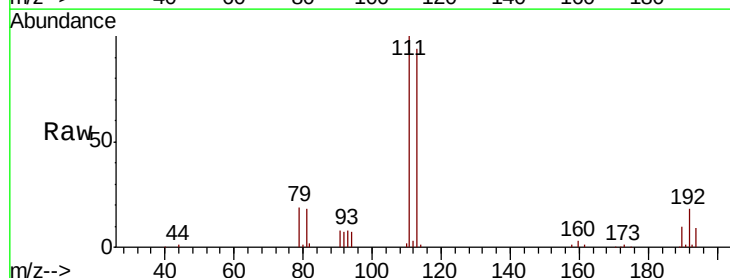
Tgt Ion:113 Resp: 74970

Ion Ratio Lower Upper

113 100

111 104.2 82.2 123.4

192 19.2 15.2 22.8

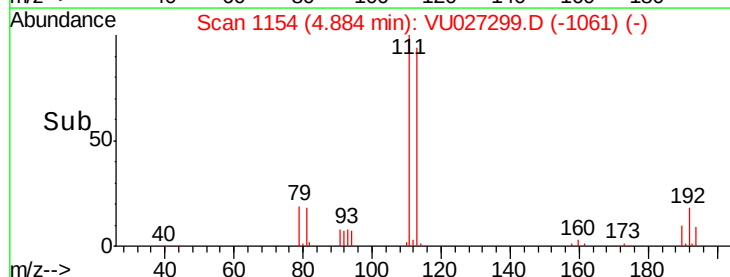


Abundance Ion 112.80 (112.50 to 113.50): V

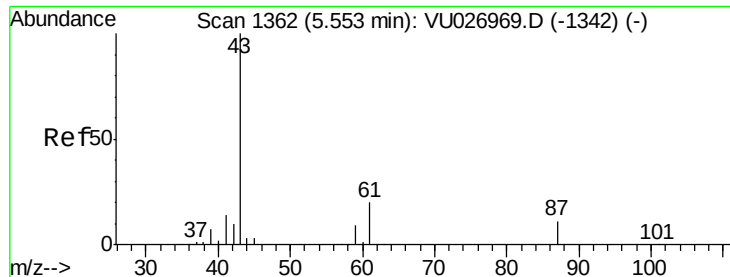
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

Time-->



Time-->



#43

Isopropyl Acetate

Concen: 22.015 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VU027299.D

Acq: 29 Sep 2018 02:42

Instrument :

MSVOA_U

ClientSampleId :

EO-01-092718-A

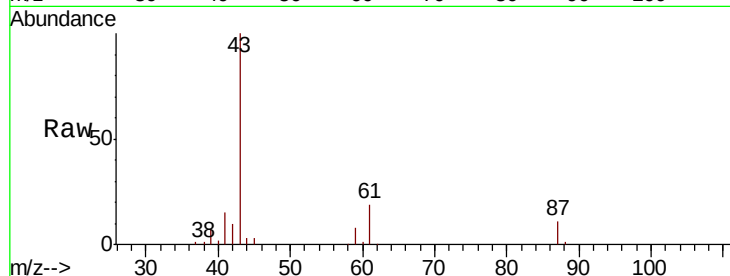
Tot Ion: 43 Resp: 107079

Ion Ratio Lower Upper

43 100

61 19.0 15.7 23.5

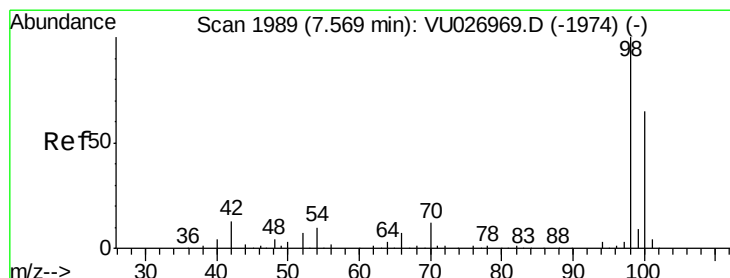
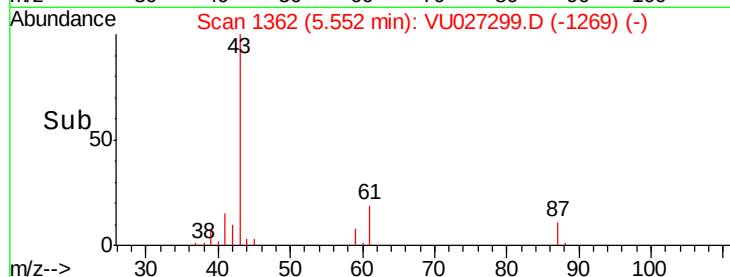
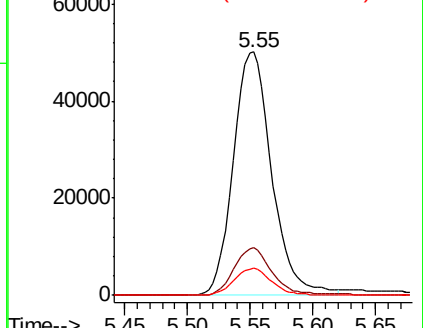
87 10.9 9.0 13.4



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: 47.921 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU027299.D

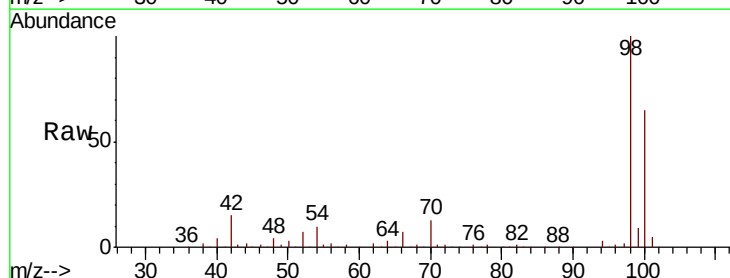
Acq: 29 Sep 2018 02:42

Tgt Ion: 98 Resp: 292221

Ion Ratio Lower Upper

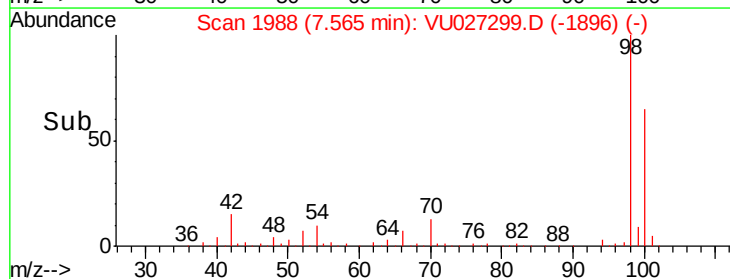
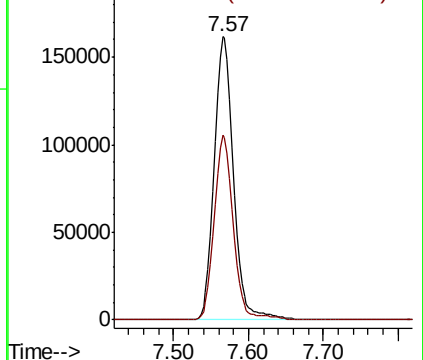
98 100

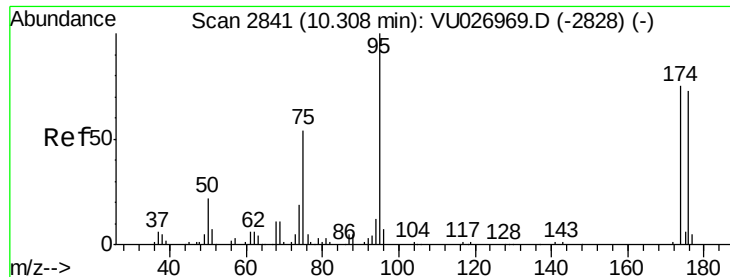
100 64.5 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU0

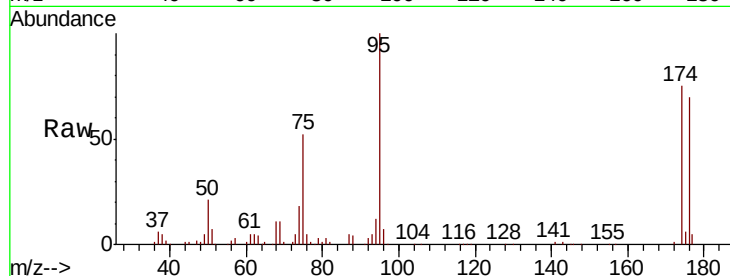




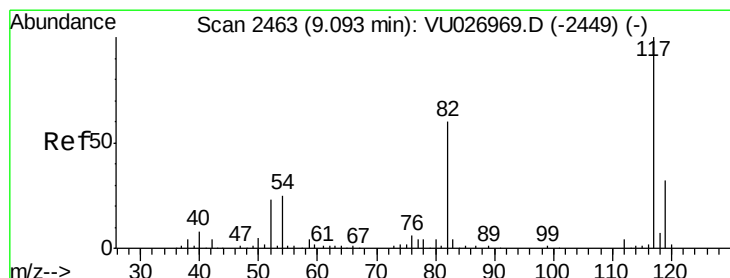
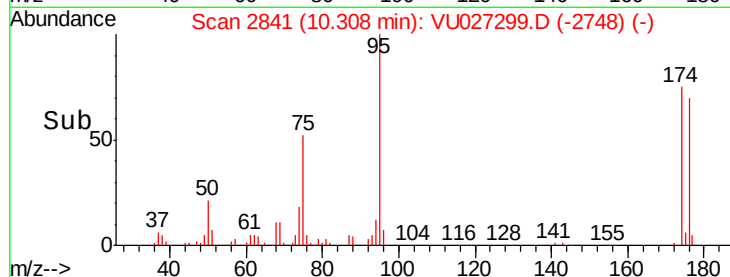
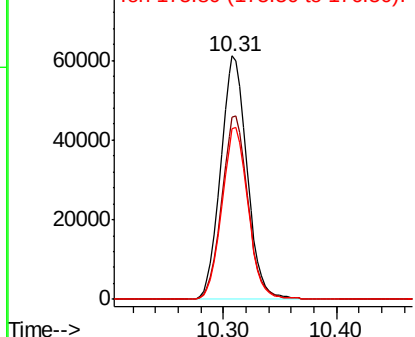
#62
4-Bromofluorobenzene
Concen: 47.499 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VU027299.D
Acq: 29 Sep 2018 02:42

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

Tot Ion: 95 Resp: 99388
Ion Ratio Lower Upper
95 100
174 74.6 0.0 150.2
176 70.1 0.0 145.2

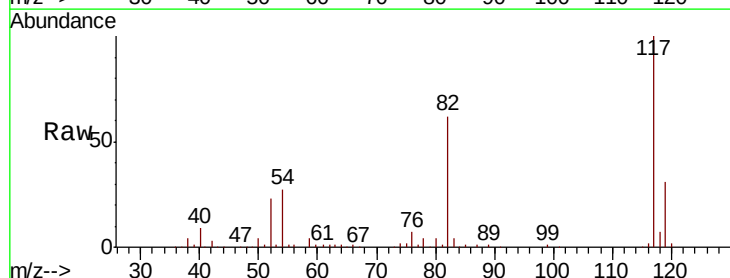


Abundance Ion 94.90 (94.60 to 95.60): VU026969.D (-2828) (-)
Ion 173.80 (173.50 to 174.50): VU026969.D (-2828) (-)
Ion 175.80 (175.50 to 176.50): VU026969.D (-2828) (-)

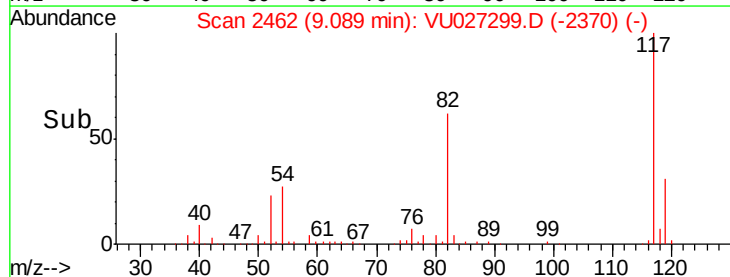
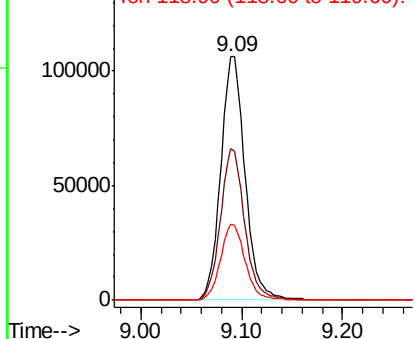


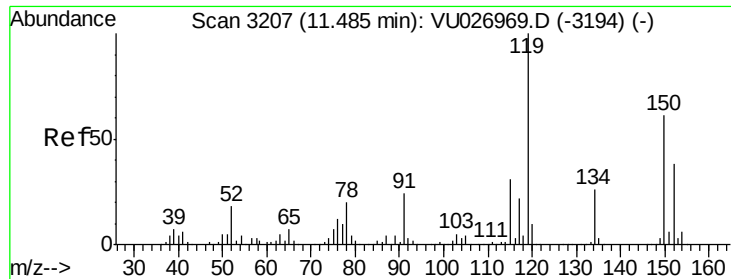
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027299.D
Acq: 29 Sep 2018 02:42

Tgt Ion: 117 Resp: 179506
Ion Ratio Lower Upper
117 100
82 62.0 48.0 72.0
119 31.3 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: VU027299.D

Acq: 29 Sep 2018 02:42

Instrument :

MSVOA_U

ClientSampleId :

EO-01-092718-A

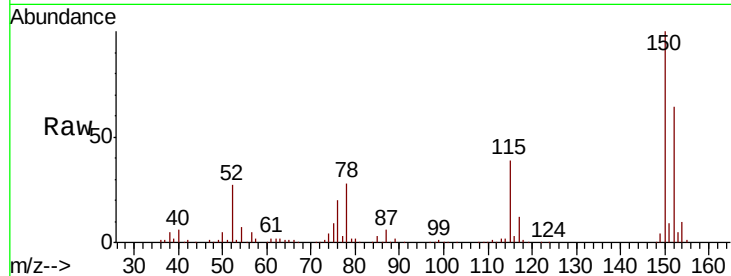
Tot Ion:152 Resp: 85823

Ion Ratio Lower Upper

152 100

115 60.8 44.9 134.5

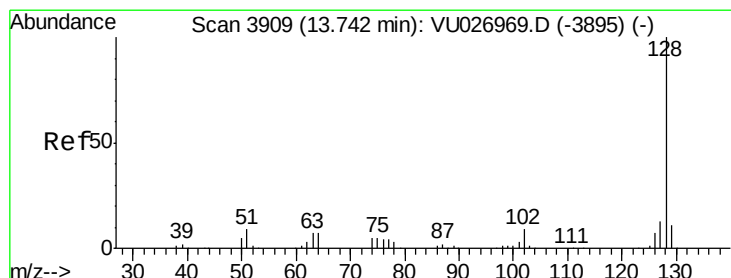
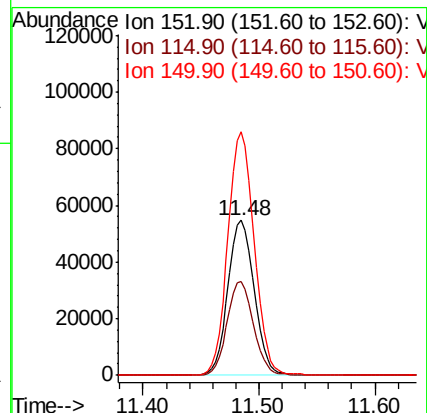
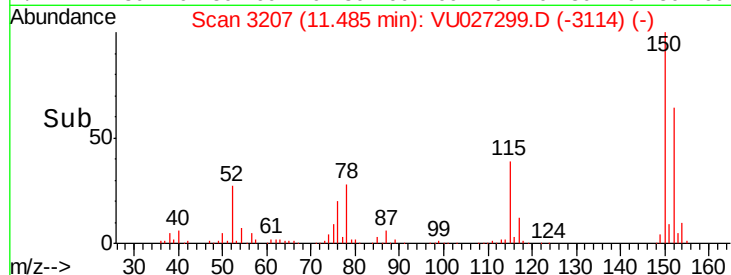
150 157.0 0.0 355.8



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: 5.130 ug/l

RT: 13.75 min Scan# 3910

Delta R.T. 0.00 min

Lab File: VU027299.D

Acq: 29 Sep 2018 02:42

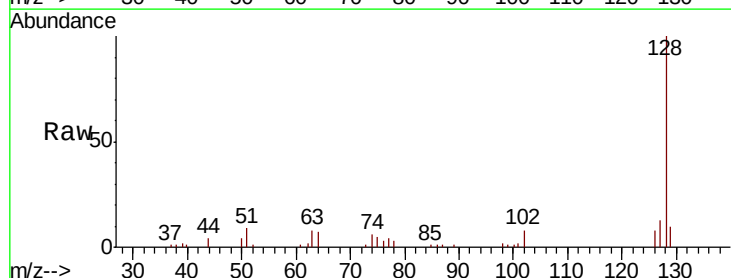
Tgt Ion:128 Resp: 25303

Ion Ratio Lower Upper

128 100

127 12.8 10.6 15.8

129 9.8 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

