

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090719\
 Data File : VU034326.D
 Acq On : 06 Sep 2019 13:29
 Operator : JC/SP
 Sample : K4723-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FRAC-A32780T

Quant Time: Sep 06 14:11:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 05:10:13 2019
 Response via : Initial Calibration

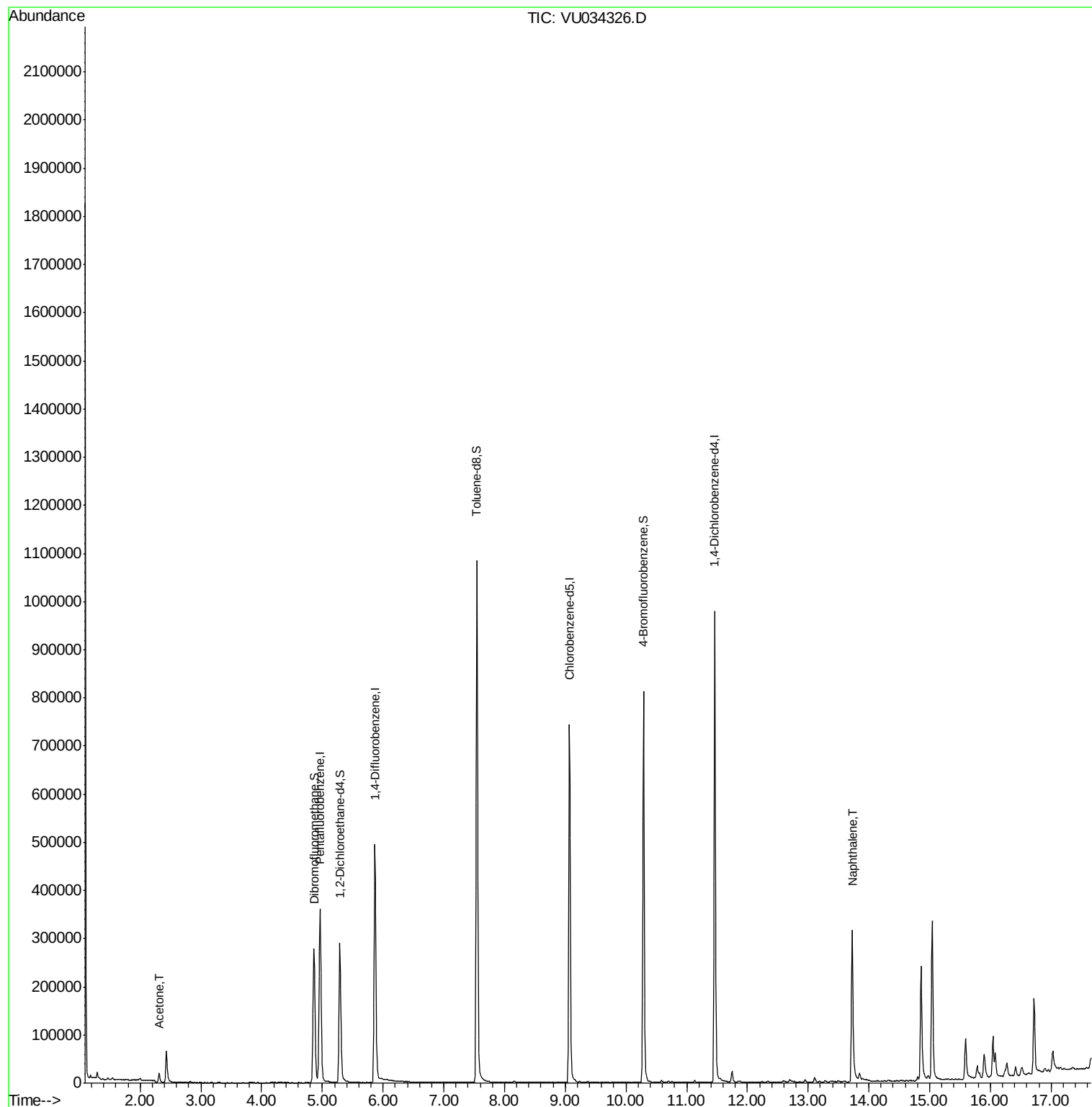
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	306486	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	465045	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	449804	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	279134	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	229006	49.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.76%	
35) Dibromofluoromethane	4.86	113	200526	46.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.68%	
50) Toluene-d8	7.55	98	773592	47.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.16%	
62) 4-Bromofluorobenzene	10.29	95	283985	45.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.48%	
Target Compounds						
16) Acetone	2.31	43	20611	8.589	ug/l	98
95) Naphthalene	13.73	128	306636	19.141	ug/l	100

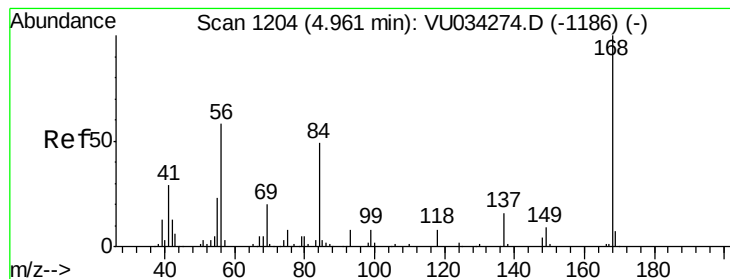
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1205

Delta R.T. 0.00 min

Lab File: VU034326.D

Acq: 06 Sep 2019 13:29

Instrument :

MSVOA_U

ClientSampleId :

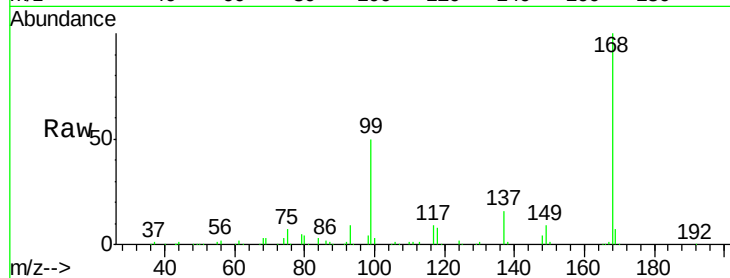
FRAC-A32780T

Tot Ion:168 Resp: 306486

Ion Ratio Lower Upper

168 100

99 49.7 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034326.D (-1186) (-)

Ion 98.90 (98.60 to 99.60): VU034326.D (-1186) (-)

4.96

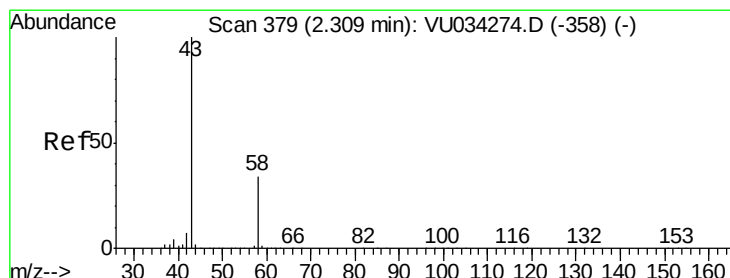
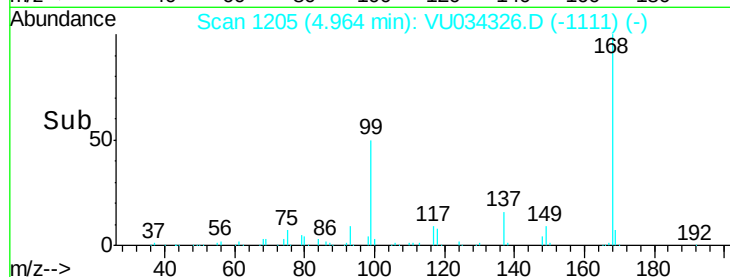
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 8.589 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034326.D

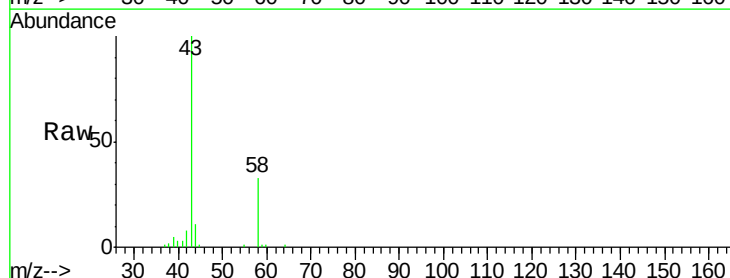
Acq: 06 Sep 2019 13:29

Tgt Ion: 43 Resp: 20611

Ion Ratio Lower Upper

43 100

58 33.3 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU034326.D (-286) (-)

Ion 58.00 (57.70 to 58.70): VU034326.D (-286) (-)

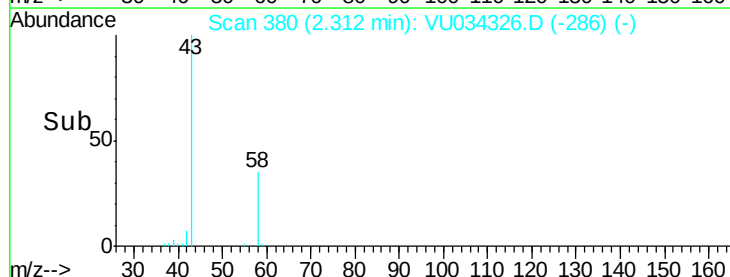
2.31

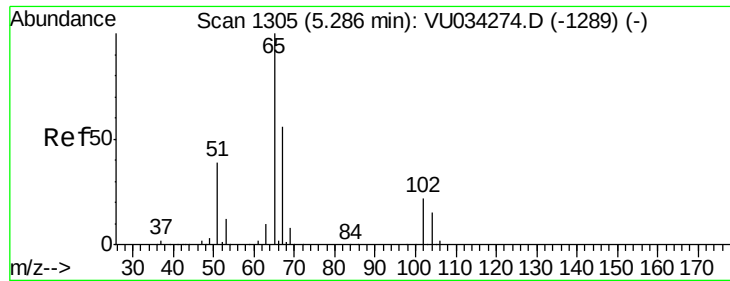
10000

5000

0

Time-->

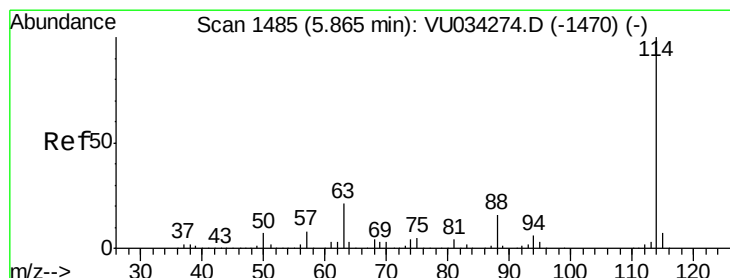
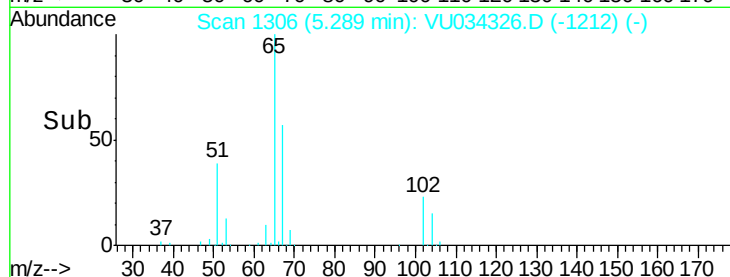
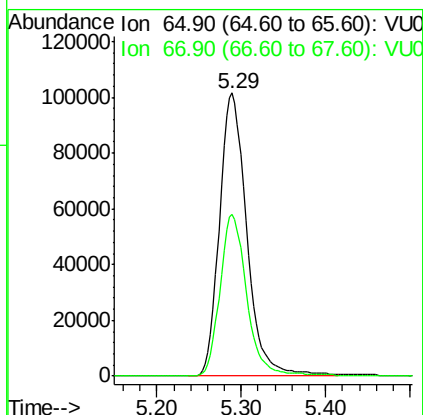
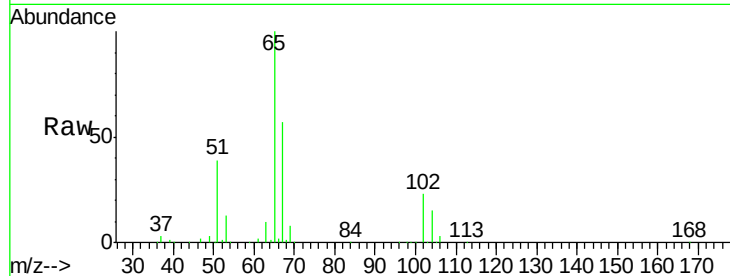




#33
 1,2-Dichloroethane-d4
 Concen: 49.384 ug/l
 RT: 5.29 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: VU034326.D
 Acq: 06 Sep 2019 13:29

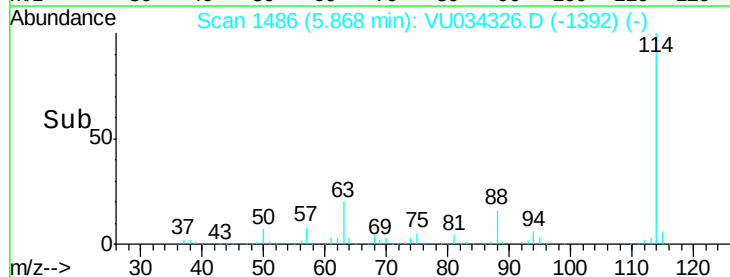
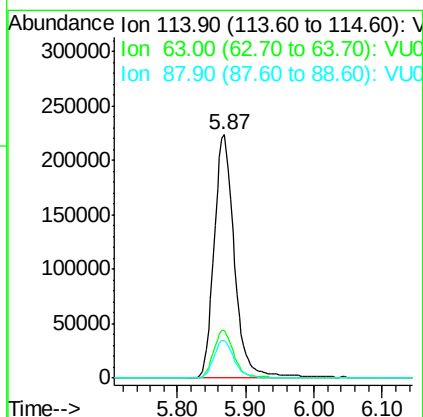
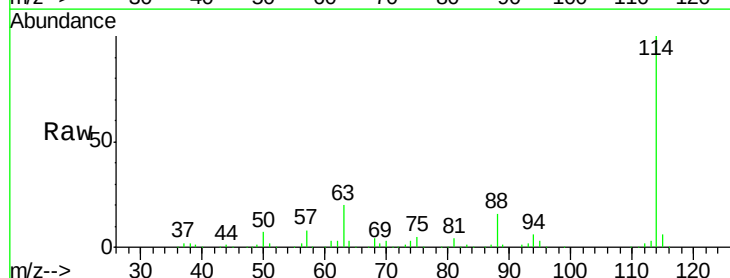
Instrument :
 MSVOA_U
 ClientSampleId :
 FRAC-A32780T

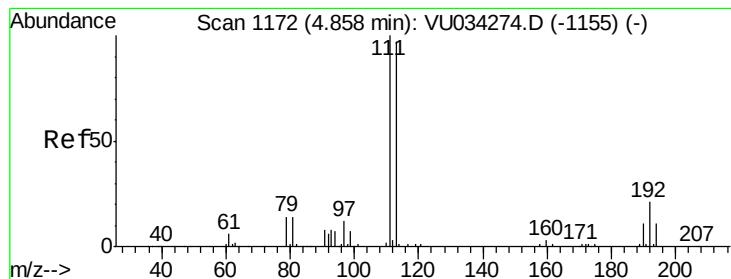
Tot Ion: 65 Resp: 229006
 Ion Ratio Lower Upper
 65 100
 67 56.1 0.0 112.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.87 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VU034326.D
 Acq: 06 Sep 2019 13:29

Tgt Ion: 114 Resp: 465045
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 42.4
 88 15.6 0.0 32.4





#35

Dibromofluoromethane

Concen: 46.340 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034326.D

Acq: 06 Sep 2019 13:29

Instrument :

MSVOA_U

ClientSampleId :

FRAC-A32780T

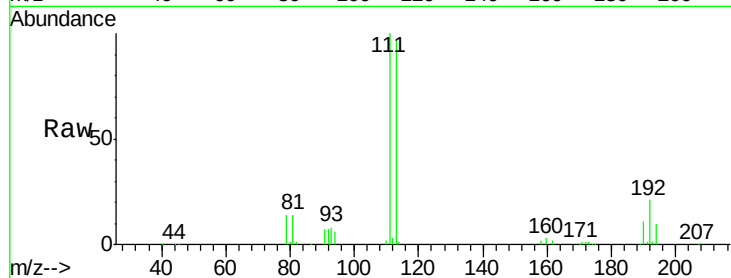
Tot Ion:113 Resp: 200526

Ion Ratio Lower Upper

113 100

111 104.5 81.5 122.3

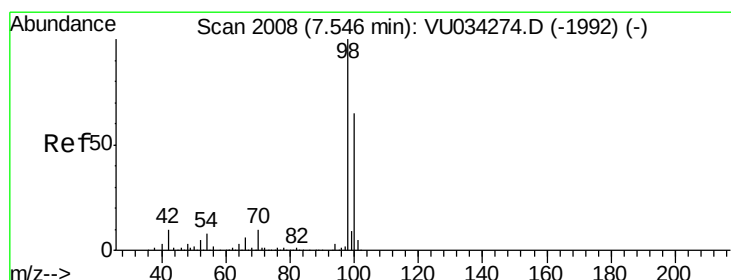
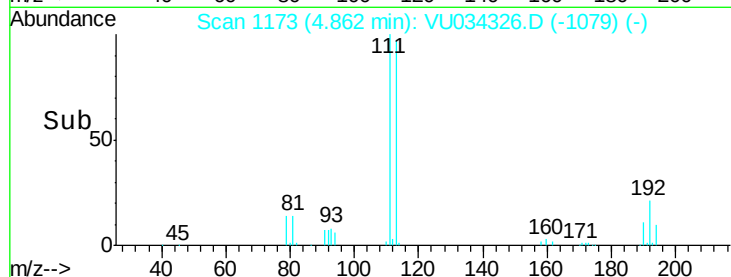
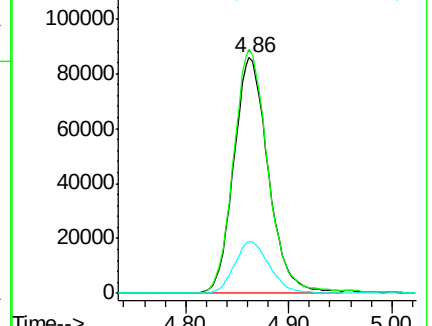
192 22.4 17.8 26.8



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



#50

Toluene-d8

Concen: 47.583 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. -0.00 min

Lab File: VU034326.D

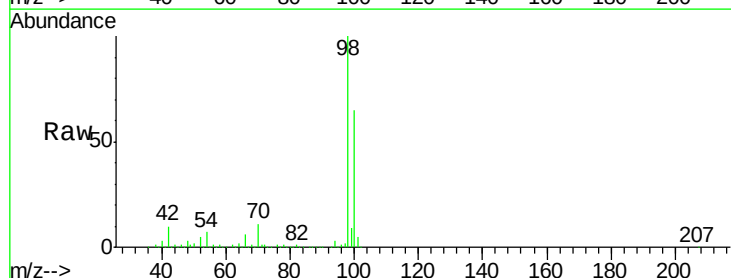
Acq: 06 Sep 2019 13:29

Tgt Ion: 98 Resp: 773592

Ion Ratio Lower Upper

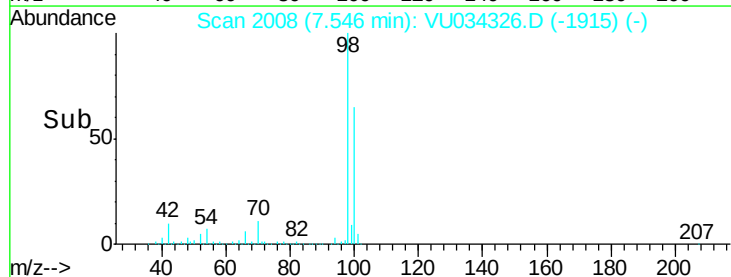
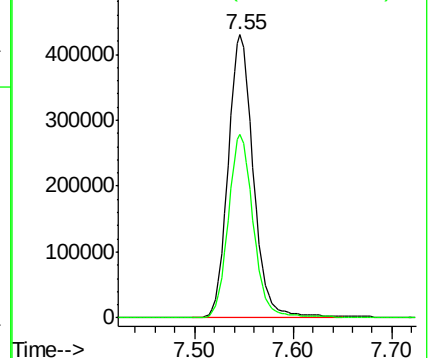
98 100

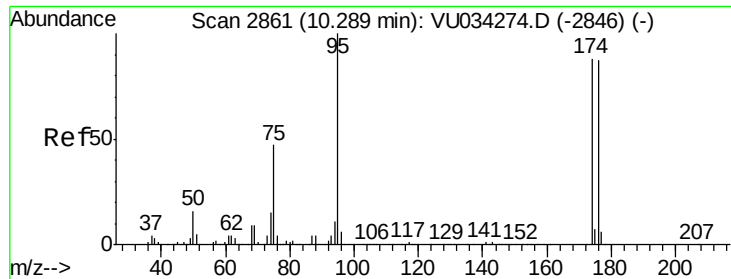
100 64.7 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU





#62

4-Bromofluorobenzene

Concen: 45.242 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. -0.00 min

Lab File: VU034326.D

Acq: 06 Sep 2019 13:29

Instrument :

MSVOA_U

ClientSampleId :

FRAC-A32780T

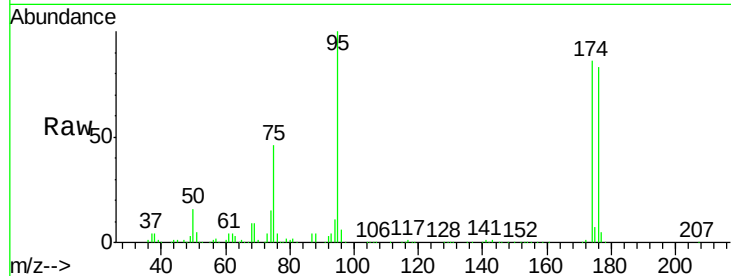
Tot Ion: 95 Resp: 283985

Ion Ratio Lower Upper

95 100

174 87.1 0.0 175.2

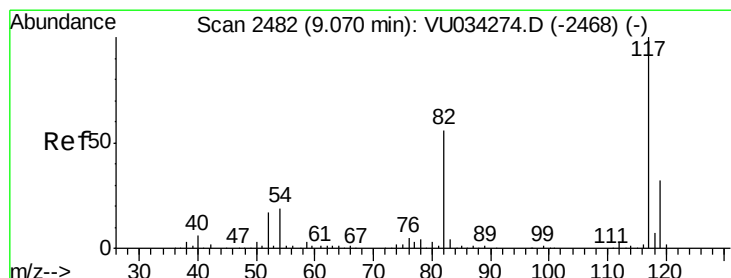
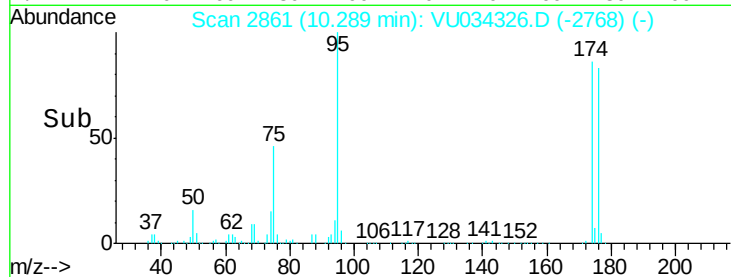
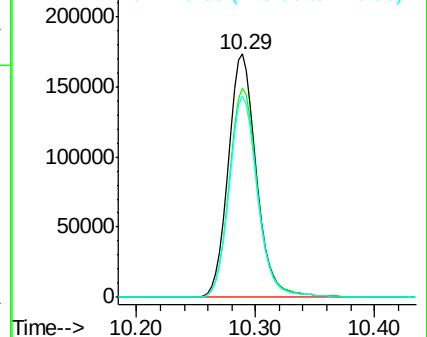
176 83.7 0.0 168.0



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): VU0

Ion 175.80 (175.50 to 176.50): VU0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2482

Delta R.T. -0.00 min

Lab File: VU034326.D

Acq: 06 Sep 2019 13:29

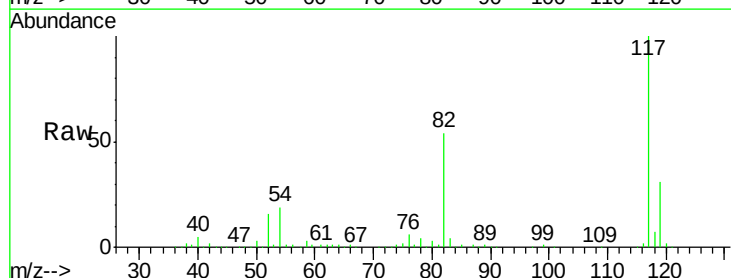
Tgt Ion: 117 Resp: 449804

Ion Ratio Lower Upper

117 100

82 53.9 44.6 67.0

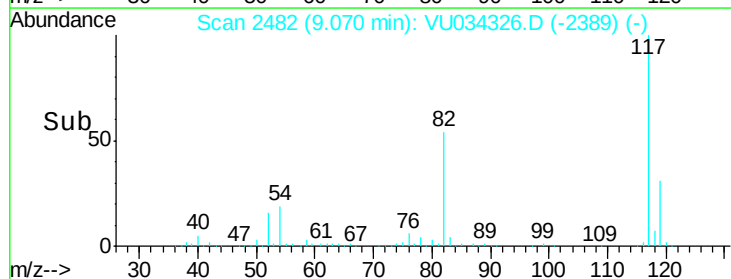
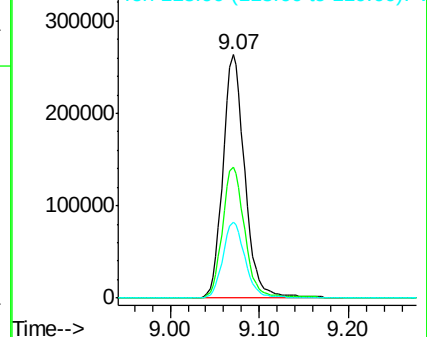
119 31.4 25.9 38.9

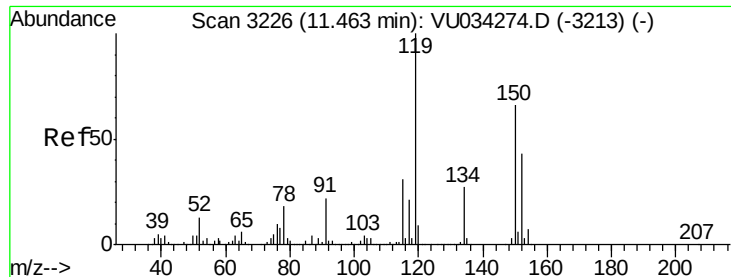


Abundance Ion 116.90 (116.60 to 117.60): VU0

Ion 82.00 (81.70 to 82.70): VU0

Ion 118.90 (118.60 to 119.60): VU0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.46 min Scan# 3226

Delta R.T. -0.00 min

Lab File: VU034326.D

Acq: 06 Sep 2019 13:29

Instrument :

MSVOA_U

ClientSampleId :

FRAC-A32780T

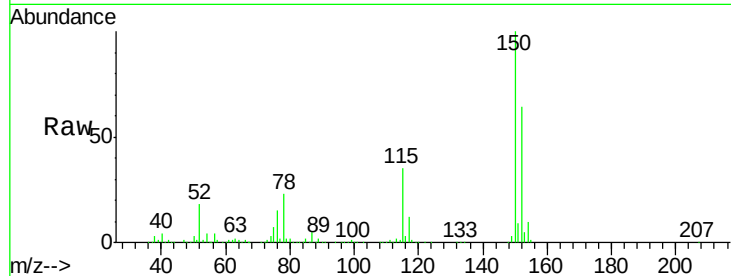
Tot Ion:152 Resp: 279134

Ion Ratio Lower Upper

152 100

115 55.8 39.1 117.3

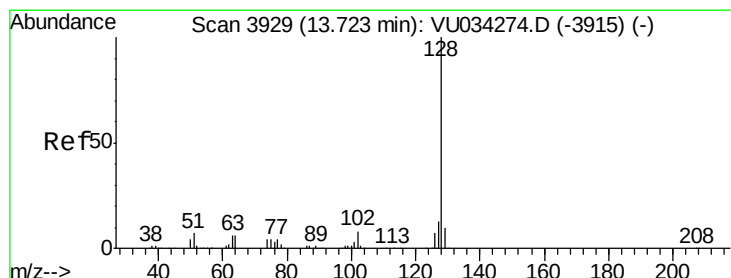
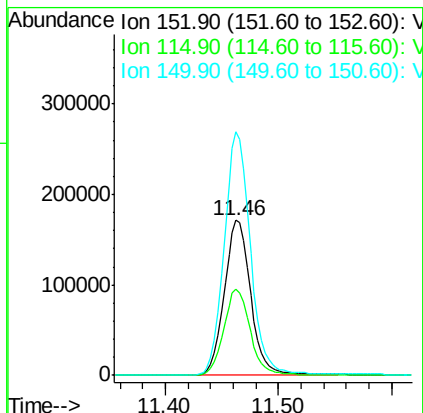
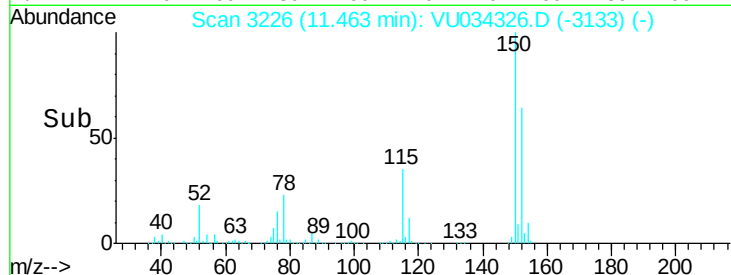
150 157.2 0.0 345.4



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: 19.141 ug/l

RT: 13.73 min Scan# 3930

Delta R.T. 0.00 min

Lab File: VU034326.D

Acq: 06 Sep 2019 13:29

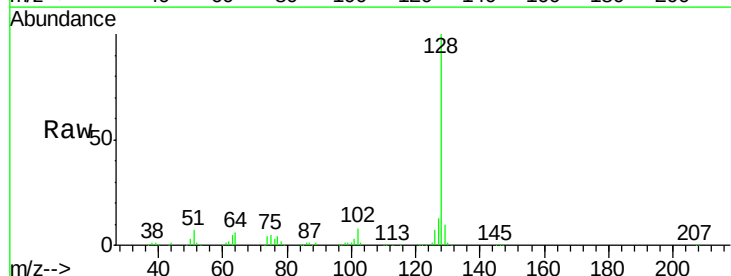
Tgt Ion:128 Resp: 306636

Ion Ratio Lower Upper

128 100

127 13.0 10.6 15.8

129 10.4 8.4 12.6



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

