

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082719\
 Data File : VU033968.D
 Acq On : 26 Aug 2019 23:48
 Operator : JC/SP
 Sample : K4539-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PZ-1

Quant Time: Aug 27 12:23:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 27 06:58:46 2019
 Response via : Initial Calibration

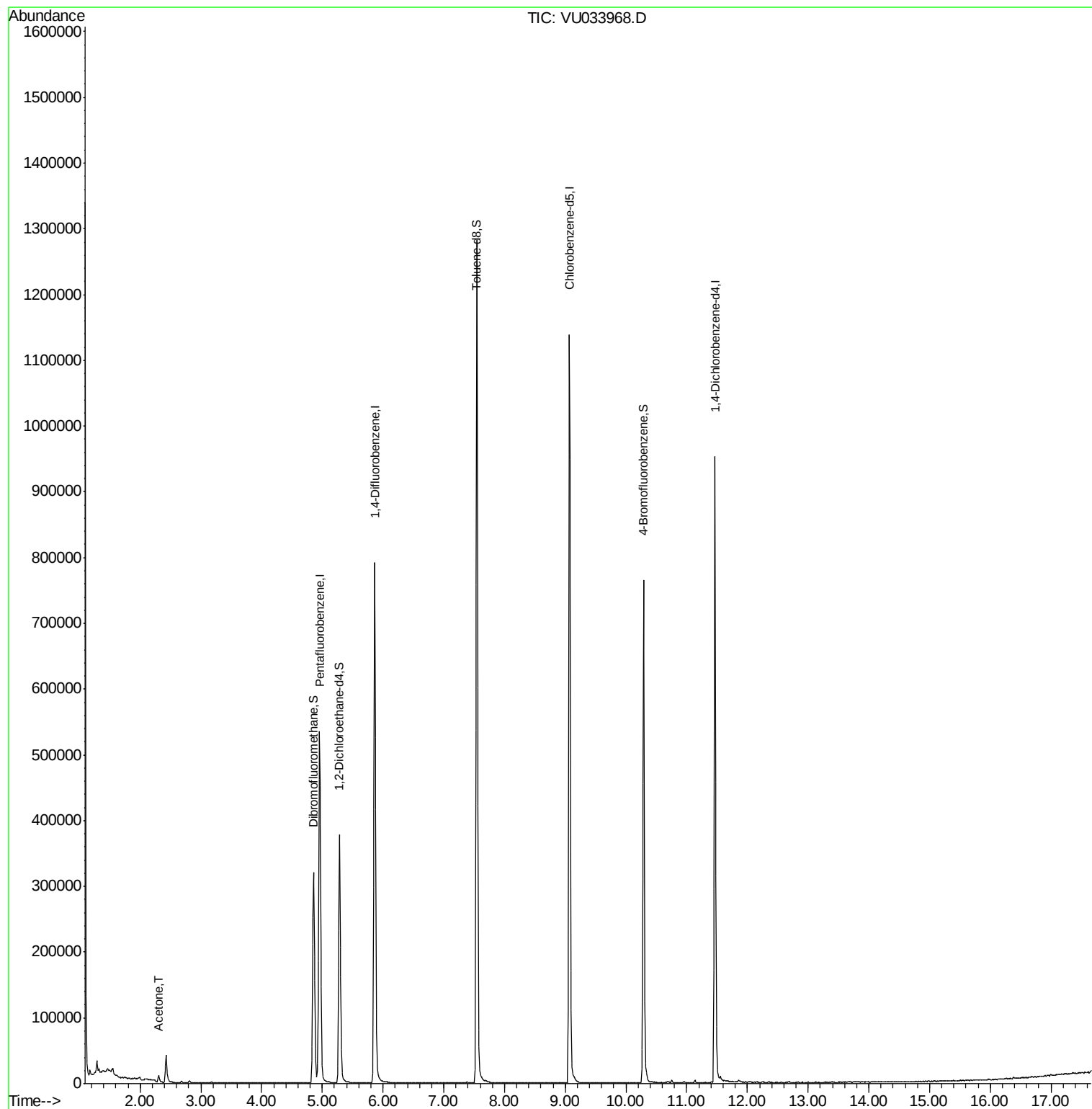
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.95	168	401329	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	655163	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	632135	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	262031	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.28	65	296659	51.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.88%	
35) Dibromofluoromethane	4.86	113	225397	49.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.92%	
50) Toluene-d8	7.55	98	851532	50.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.02%	
62) 4-Bromofluorobenzene	10.29	95	260429	40.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.16%	
Target Compounds						
16) Acetone	2.31	43	11060	3.222	ug/l	Qvalue 94

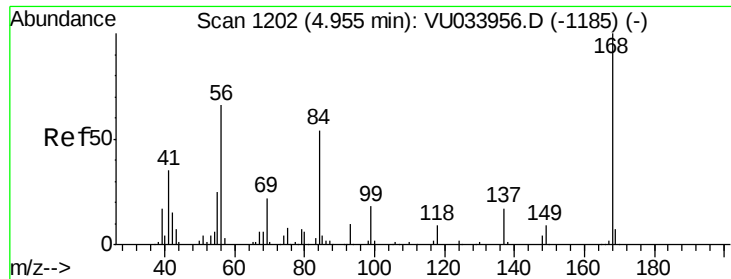
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.95 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VU033968.D

Acq: 26 Aug 2019 23:48

Instrument :

MSVOA_U

ClientSampled :

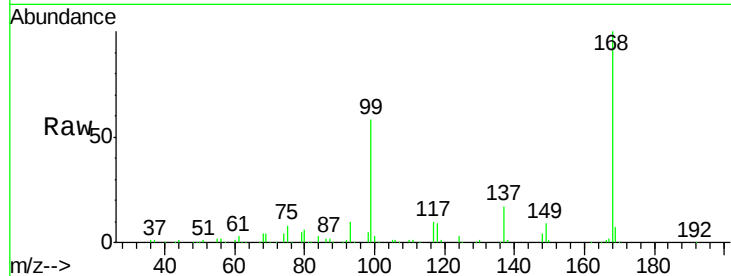
PZ-1

Tot Ion:168 Resp: 401329

Ion Ratio Lower Upper

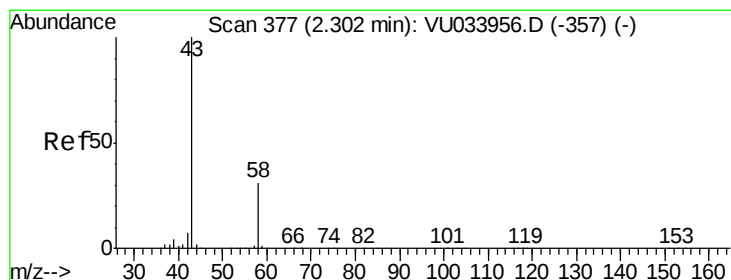
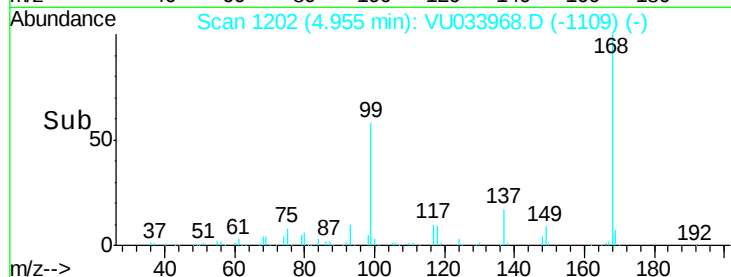
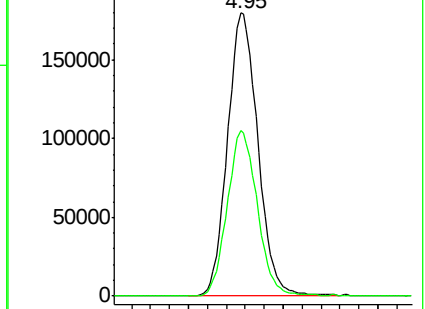
168 100

99 58.5 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): VU033956.D (-1185) (-)

Ion 98.90 (98.60 to 99.60): VU033956.D (-1185) (-)



#16

Acetone

Concen: 3.222 ug/l

RT: 2.31 min Scan# 378

Delta R.T. 0.00 min

Lab File: VU033968.D

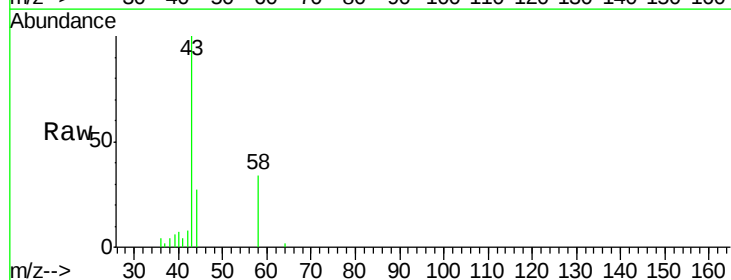
Acq: 26 Aug 2019 23:48

Tgt Ion: 43 Resp: 11060

Ion Ratio Lower Upper

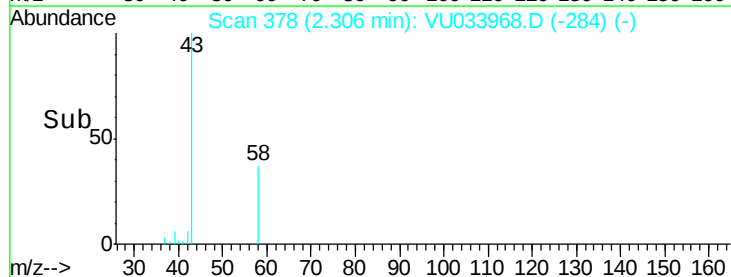
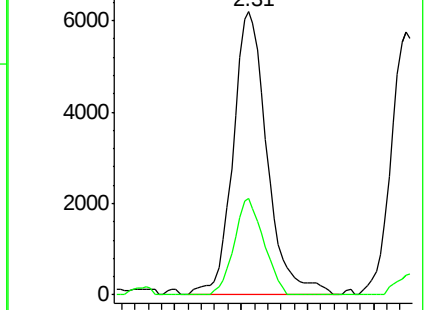
43 100

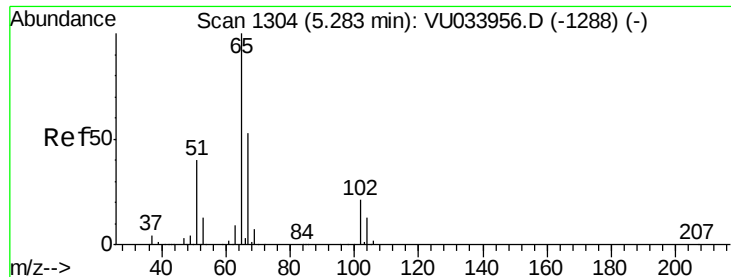
58 34.1 24.5 36.7



Abundance Ion 43.00 (42.70 to 43.70): VU033956.D (-357) (-)

Ion 58.00 (57.70 to 58.70): VU033956.D (-357) (-)





#33

1,2-Dichloroethane-d4

Concen: 51.438 ug/l

RT: 5.28 min Scan# 1304

Delta R.T. 0.00 min

Lab File: VU033968.D

Acq: 26 Aug 2019 23:48

Instrument :

MSVOA_U

ClientSampleId :

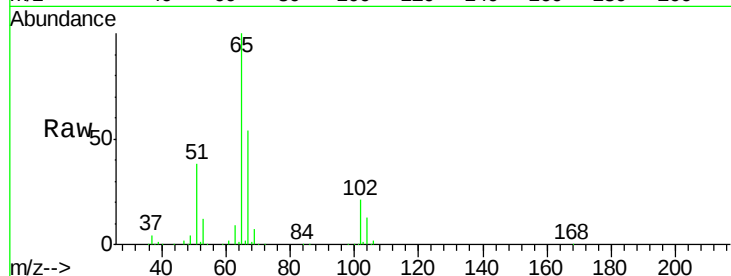
PZ-1

Tot Ion: 65 Resp: 296659

Ion Ratio Lower Upper

65 100

67 52.6 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VU033968.D (-1288) (-)

Ion 66.90 (66.60 to 67.60): VU033968.D (-1288) (-)

5.28

150000

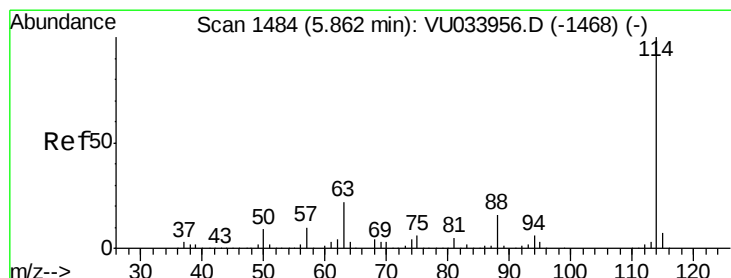
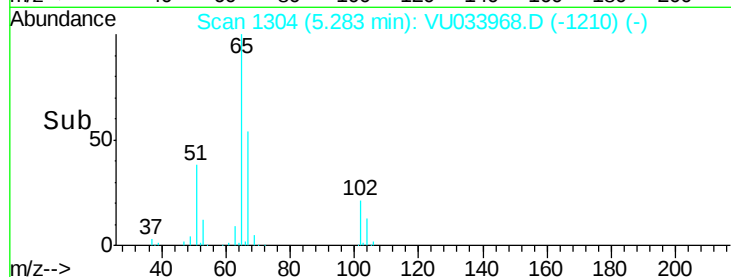
100000

50000

0

Time-->

5.20 5.30 5.40 5.50



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.86 min Scan# 1484

Delta R.T. 0.00 min

Lab File: VU033968.D

Acq: 26 Aug 2019 23:48

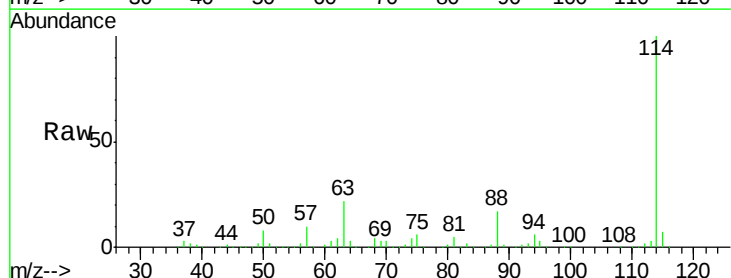
Tgt Ion: 114 Resp: 655163

Ion Ratio Lower Upper

114 100

63 22.3 0.0 44.2

88 16.5 0.0 32.0



Abundance Ion 113.90 (113.60 to 114.60): VU033968.D (-1391) (-)

Ion 63.00 (62.70 to 63.70): VU033968.D (-1391) (-)

Ion 87.90 (87.60 to 88.60): VU033968.D (-1391) (-)

5.86

400000

300000

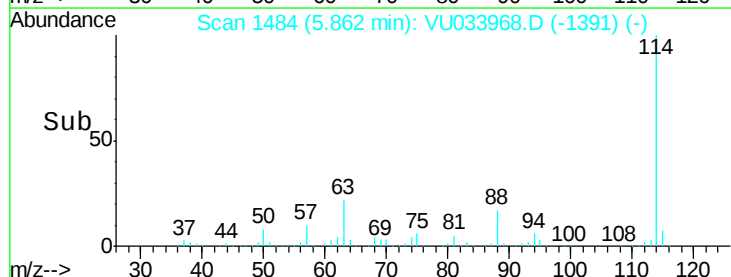
200000

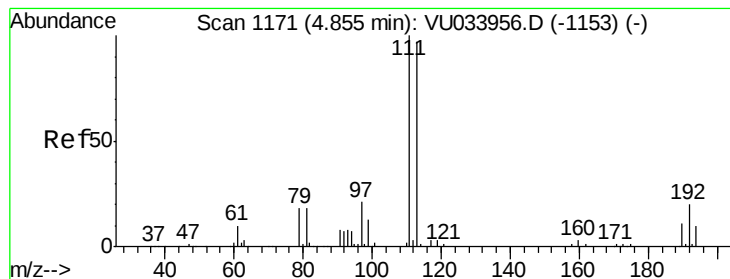
100000

0

Time-->

5.80 5.90 6.00





#35

Dibromofluoromethane

Concen: 49.459 ug/l

RT: 4.86 min Scan# 1171

Delta R.T. 0.00 min

Lab File: VU033968.D

Acq: 26 Aug 2019 23:48

Instrument :

MSVOA_U

ClientSampleId :

PZ-1

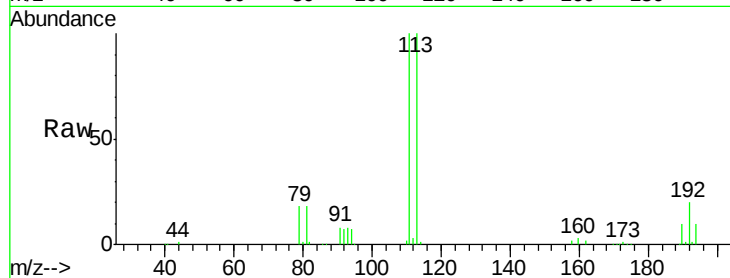
Tot Ion:113 Resp: 225397

Ion Ratio Lower Upper

113 100

111 102.3 82.0 123.0

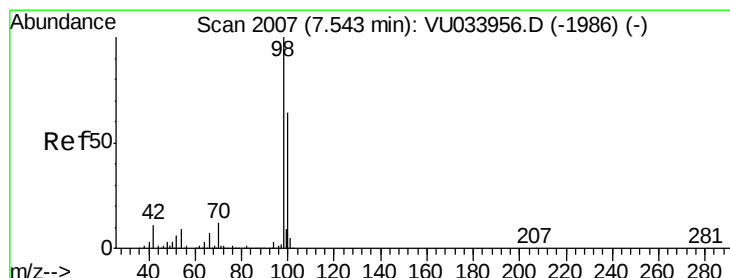
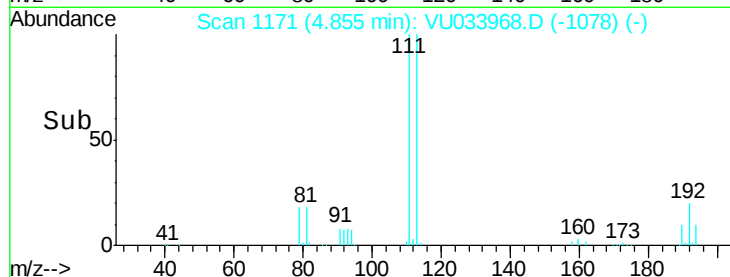
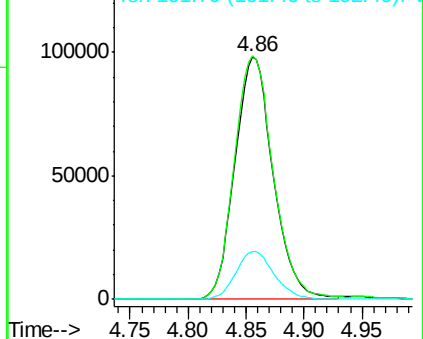
192 19.9 16.2 24.4



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: 50.514 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU033968.D

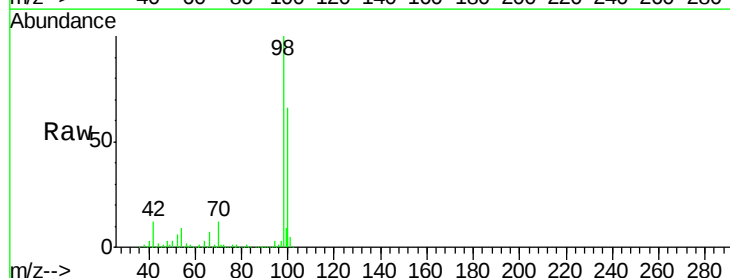
Acq: 26 Aug 2019 23:48

Tgt Ion: 98 Resp: 851532

Ion Ratio Lower Upper

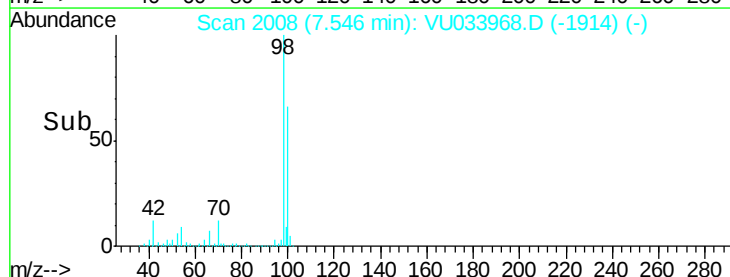
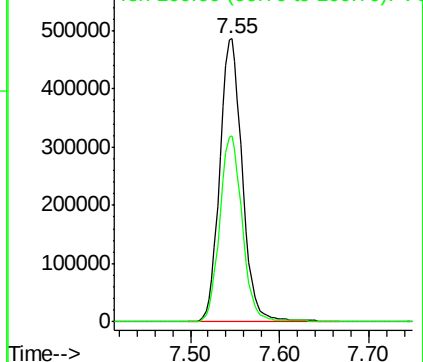
98 100

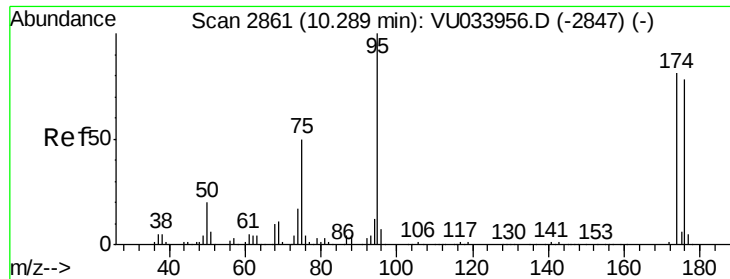
100 65.8 51.8 77.6



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU





#62

4-Bromofluorobenzene

Concen: 40.076 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU033968.D

Acq: 26 Aug 2019 23:48

Instrument :

MSVOA_U

ClientSampleId :

PZ-1

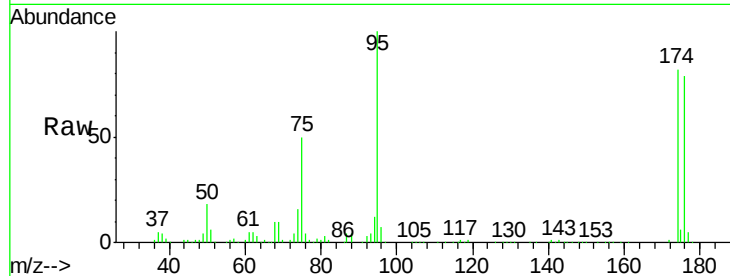
Tot Ion: 95 Resp: 260429

Ion Ratio Lower Upper

95 100

174 83.9 0.0 160.4

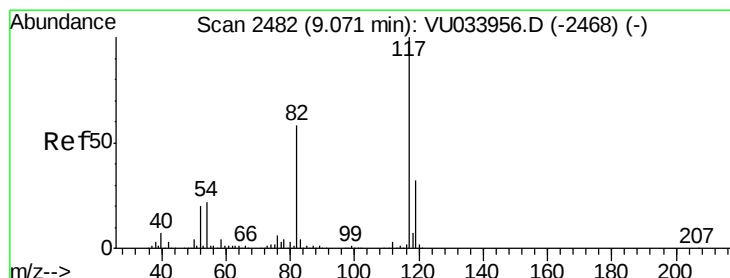
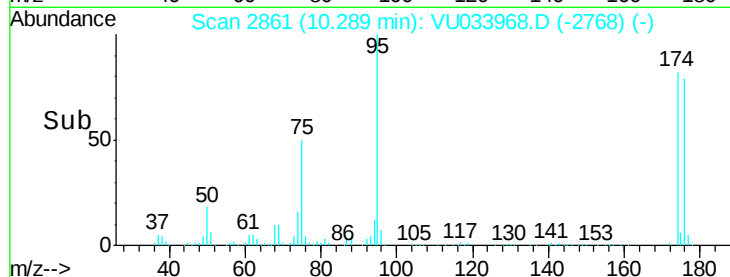
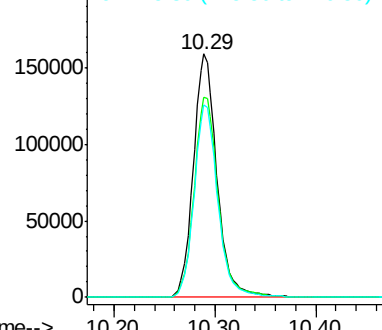
176 79.6 0.0 154.2



Abundance Ion 94.90 (94.60 to 95.60): VU

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2482

Delta R.T. 0.00 min

Lab File: VU033968.D

Acq: 26 Aug 2019 23:48

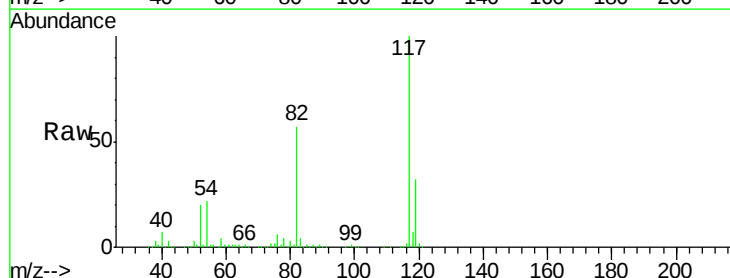
Tgt Ion: 117 Resp: 632135

Ion Ratio Lower Upper

117 100

82 56.7 46.4 69.6

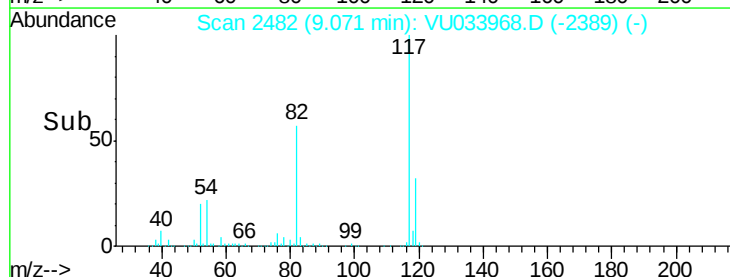
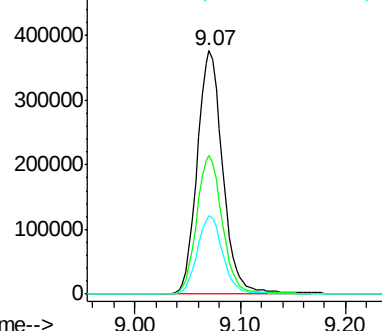
119 32.2 25.3 37.9

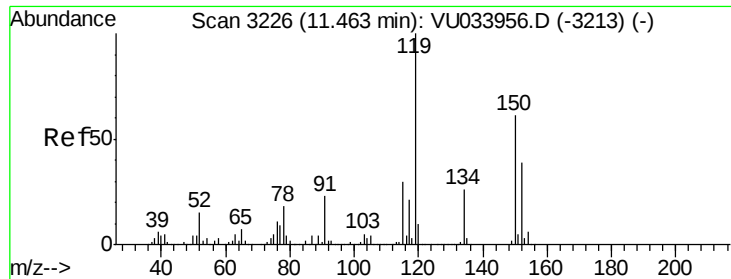


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VU

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.47 min Scan# 3227

Delta R.T. 0.00 min

Lab File: VU033968.D

Acq: 26 Aug 2019 23:48

Instrument :

MSVOA_U

ClientSampleId :

PZ-1

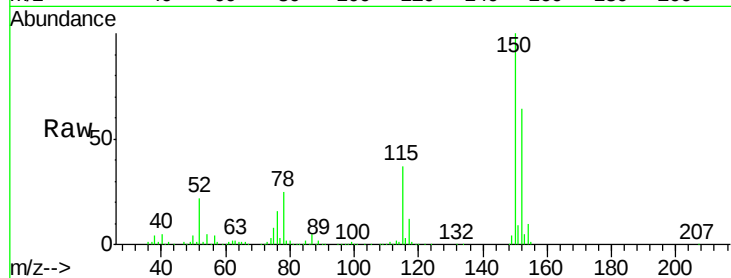
Tot Ion:152 Resp: 262031

Ion Ratio Lower Upper

152 100

115 57.2 40.3 120.9

150 155.9 0.0 346.0



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

