

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090519\
 Data File : VU034263.D
 Acq On : 04 Sep 2019 17:17
 Operator : JC/SP
 Sample : K4547-34
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T7-S-G2-(2.5)

Quant Time: Sep 05 05:03:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 29 04:11:12 2019
 Response via : Initial Calibration

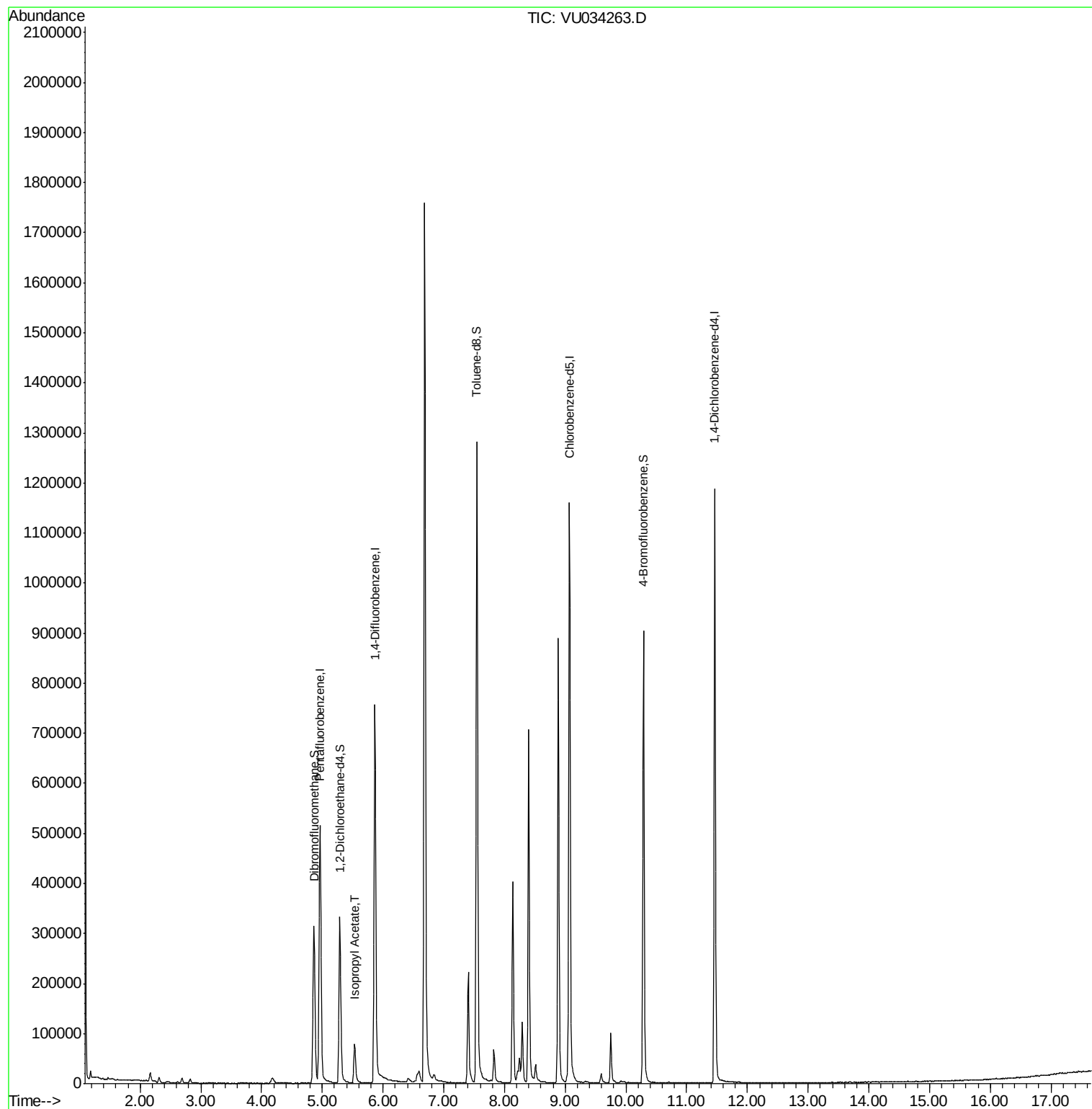
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	430816	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	679783	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	683905	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	332685	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	262770	47.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.20%	
35) Dibromofluoromethane	4.86	113	224704	47.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.32%	
50) Toluene-d8	7.55	98	904426	51.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.46%	
62) 4-Bromofluorobenzene	10.29	95	311775	45.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.80%	
Target Compounds						
43) Isopropyl Acetate	5.53	43	94144	8.594	ug/l	Qvalue 99

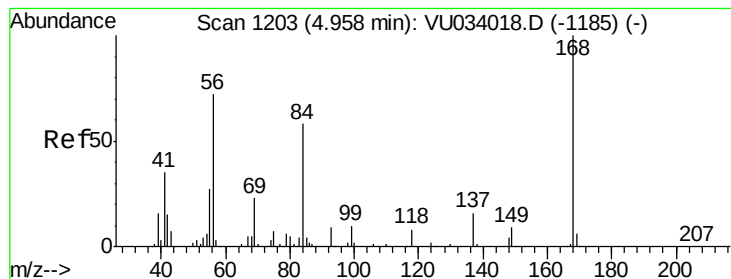
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU090519\
Data File : VU034263.D
Acq On : 04 Sep 2019 17:17
Operator : JC/SP
Sample : K4547-34
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
T7-S-G2-(2.5)

Quant Time: Sep 05 05:03:02 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 29 04:11:12 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1205

Delta R.T. 0.01 min

Lab File: VU034263.D

Acq: 04 Sep 2019 17:17

Instrument :

MSVOA_U

ClientSampleId :

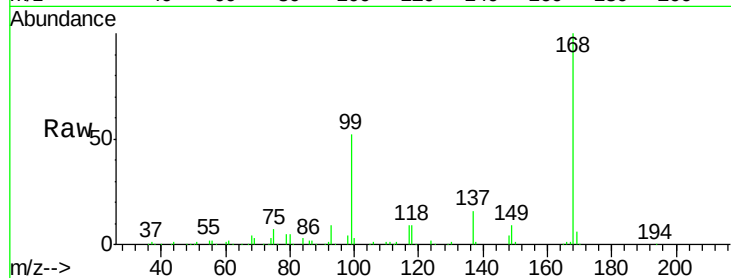
T7-S-G2-(2.5)

Tot Ion:168 Resp: 430816

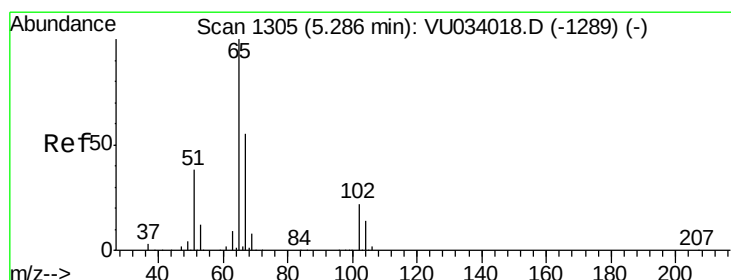
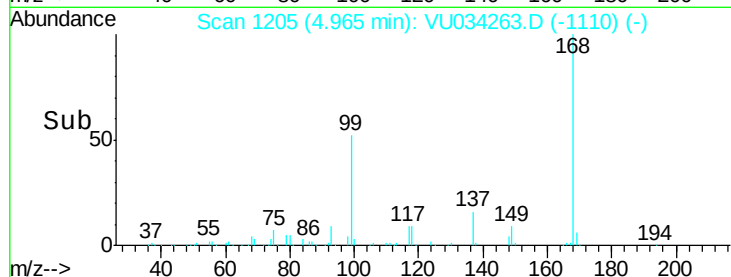
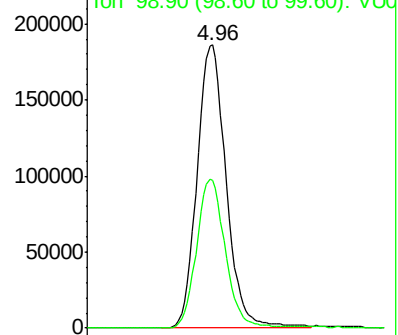
Ion Ratio Lower Upper

168 100

99 52.0 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034018.D (-1185) (-)



#33

1,2-Dichloroethane-d4

Concen: 47.601 ug/l

RT: 5.29 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU034263.D

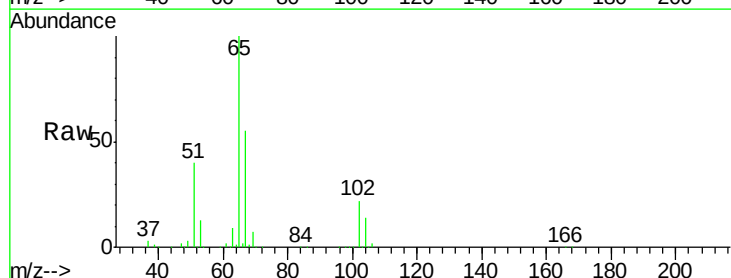
Acq: 04 Sep 2019 17:17

Tgt Ion: 65 Resp: 262770

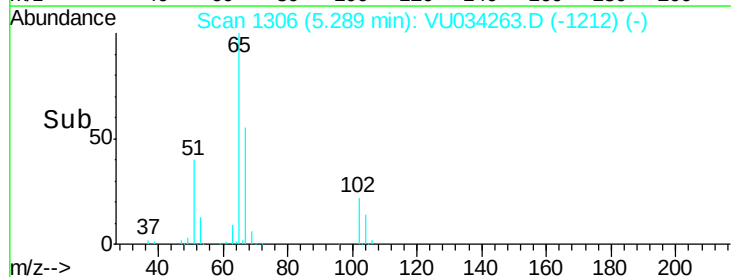
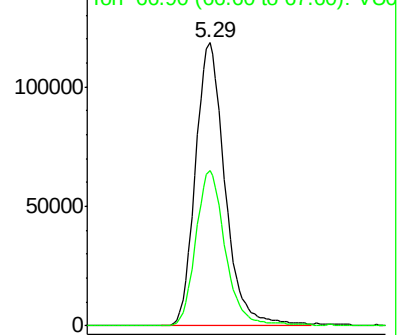
Ion Ratio Lower Upper

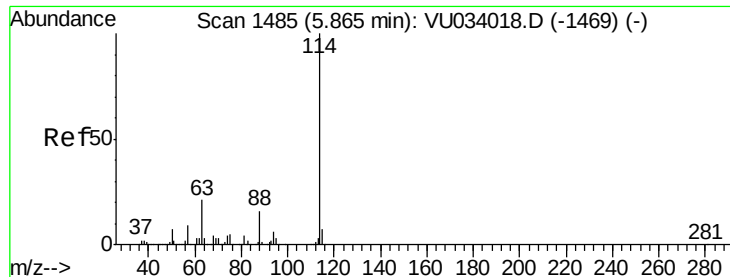
65 100

67 54.6 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU034018.D (-1289) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.87 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VU034263.D

Acq: 04 Sep 2019 17:17

Instrument :

MSVOA_U

ClientSampleId :

T7-S-G2-(2.5)

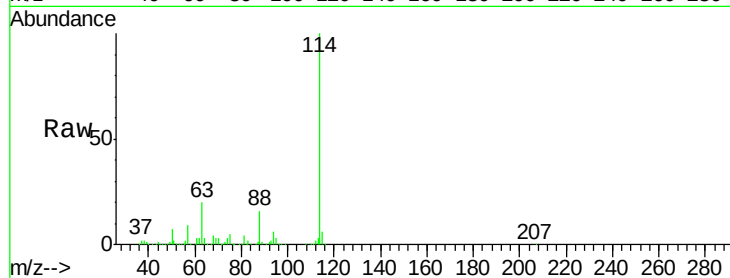
Tot Ion:114 Resp: 679783

Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.0

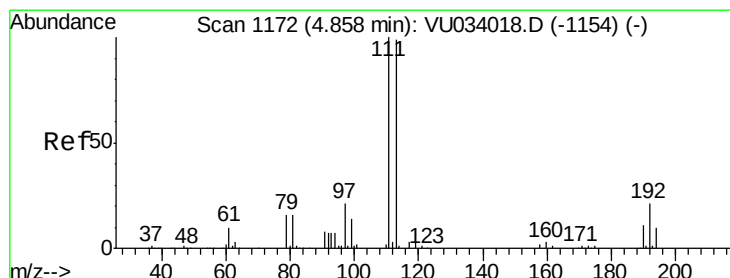
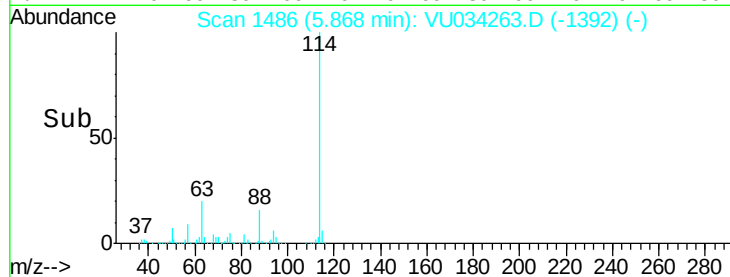
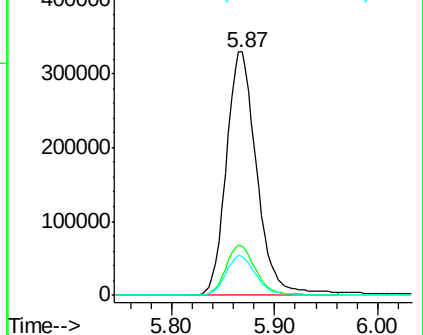
88 16.1 0.0 32.0



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: 47.658 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034263.D

Acq: 04 Sep 2019 17:17

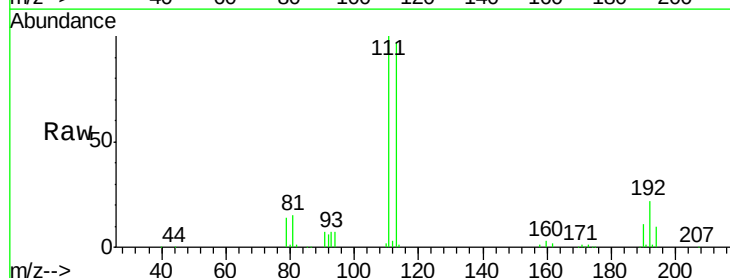
Tgt Ion:113 Resp: 224704

Ion Ratio Lower Upper

113 100

111 103.0 81.7 122.5

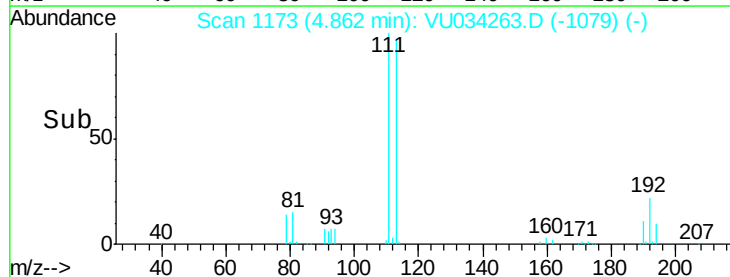
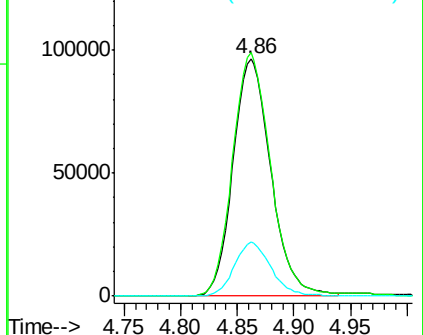
192 22.2 17.1 25.7

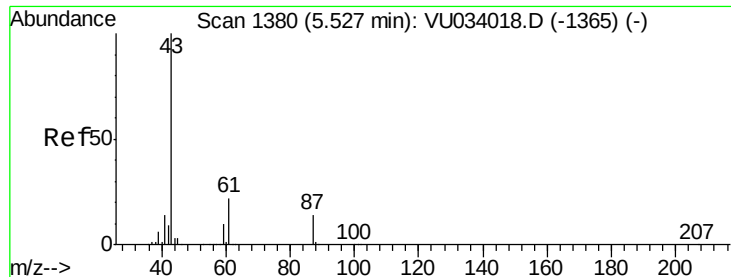


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 8.594 ug/l

RT: 5.53 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VU034263.D

Acq: 04 Sep 2019 17:17

Instrument :

MSVOA_U

ClientSampleId :

T7-S-G2-(2.5)

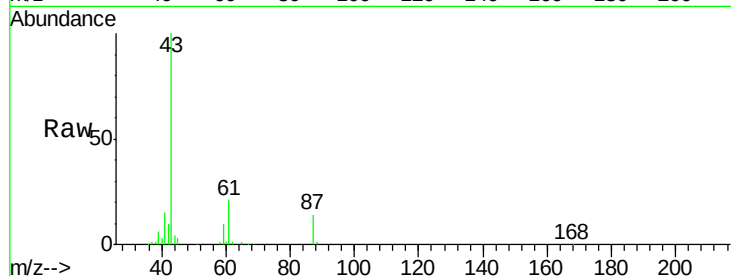
Tot Ion: 43 Resp: 94144

Ion Ratio Lower Upper

43 100

61 20.6 17.2 25.8

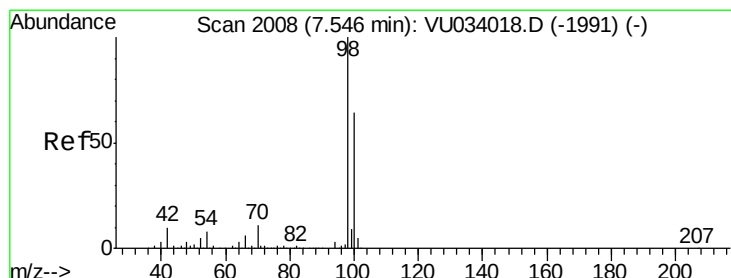
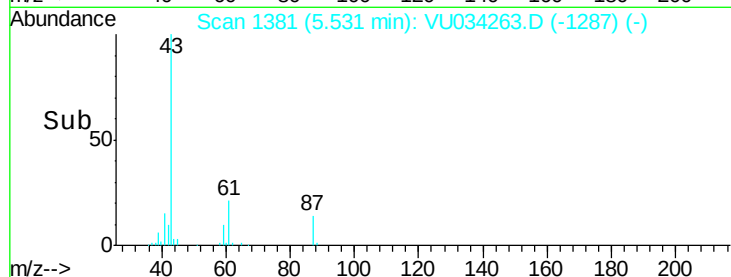
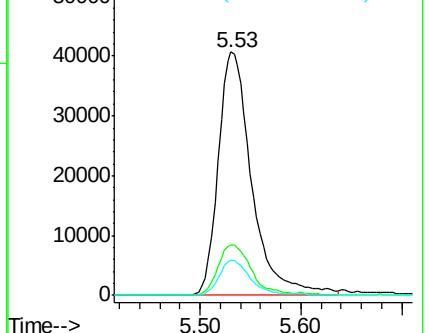
87 13.3 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VU034018.D (-1365) (-)

Ion 61.00 (60.70 to 61.70): VU034018.D (-1365) (-)

Ion 87.00 (86.70 to 87.70): VU034018.D (-1365) (-)



#50

Toluene-d8

Concen: 51.229 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU034263.D

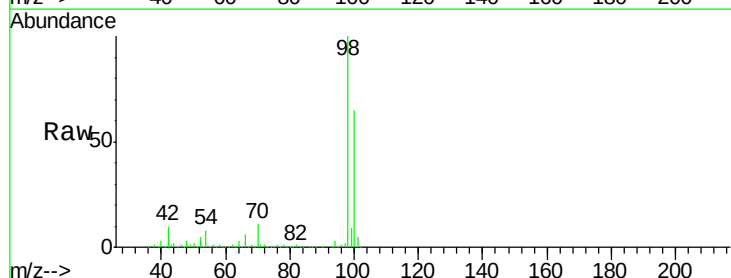
Acq: 04 Sep 2019 17:17

Tgt Ion: 98 Resp: 904426

Ion Ratio Lower Upper

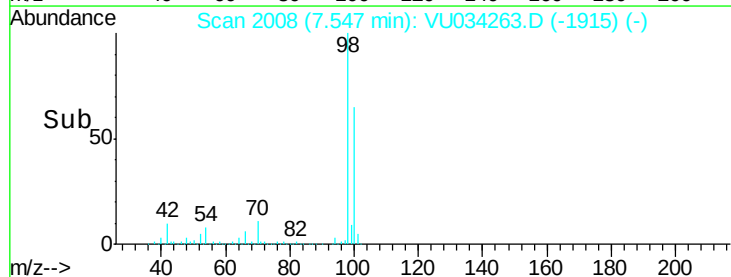
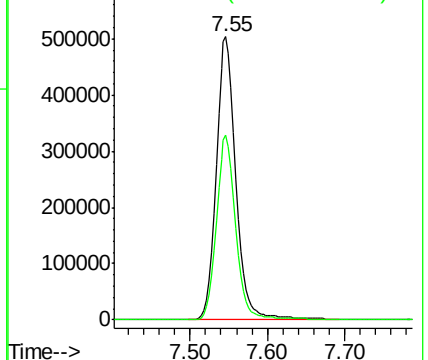
98 100

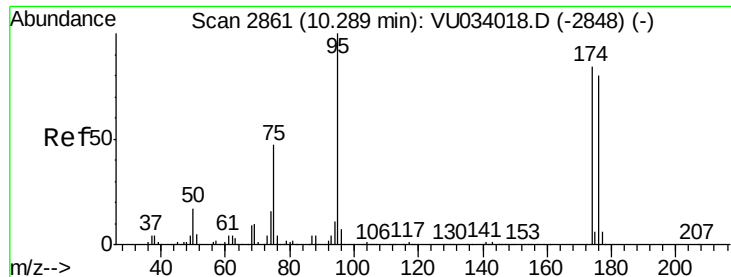
100 63.9 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VU034018.D (-1991) (-)

Ion 100.00 (99.70 to 100.70): VU034018.D (-1991) (-)





#62

4-Bromofluorobenzene

Concen: 45.399 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU034263.D

Acq: 04 Sep 2019 17:17

Instrument :

MSVOA_U

ClientSampleId :

T7-S-G2-(2.5)

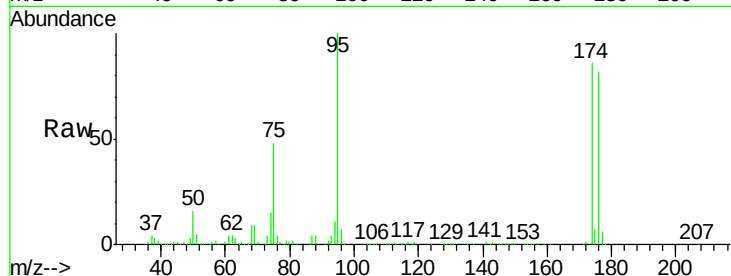
Tot Ion: 95 Resp: 311775

Ion Ratio Lower Upper

95 100

174 86.0 0.0 168.8

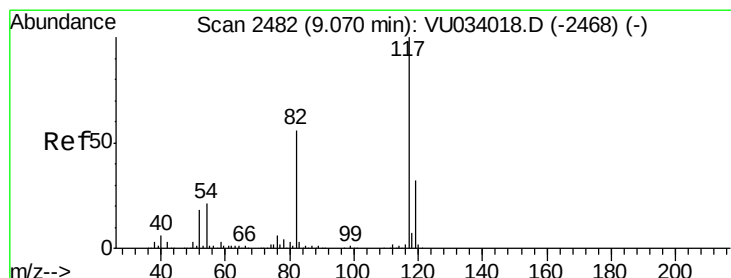
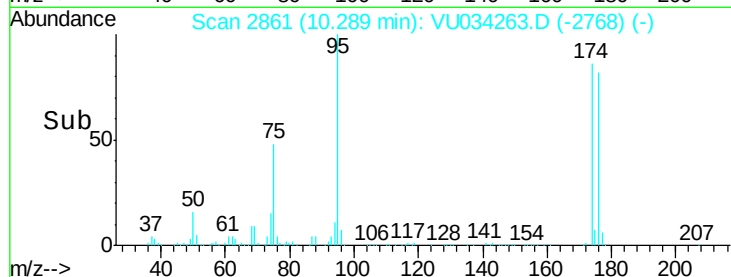
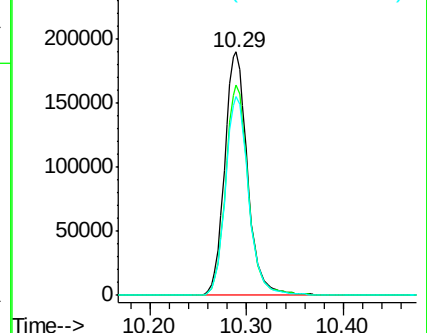
176 82.8 0.0 161.8



Abundance Ion 94.90 (94.60 to 95.60): VU034018.D (-2848) (-)

Ion 173.80 (173.50 to 174.50): VU034018.D (-2848) (-)

Ion 175.80 (175.50 to 176.50): VU034018.D (-2848) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2482

Delta R.T. 0.00 min

Lab File: VU034263.D

Acq: 04 Sep 2019 17:17

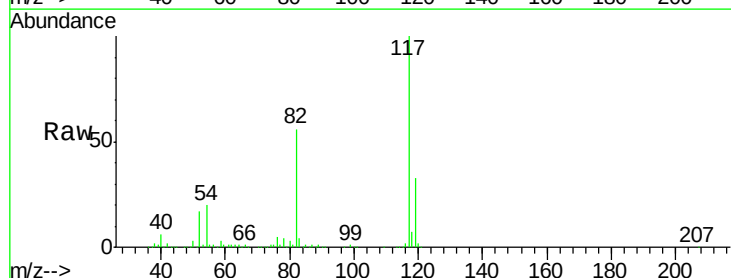
Tgt Ion: 117 Resp: 683905

Ion Ratio Lower Upper

117 100

82 55.9 45.1 67.7

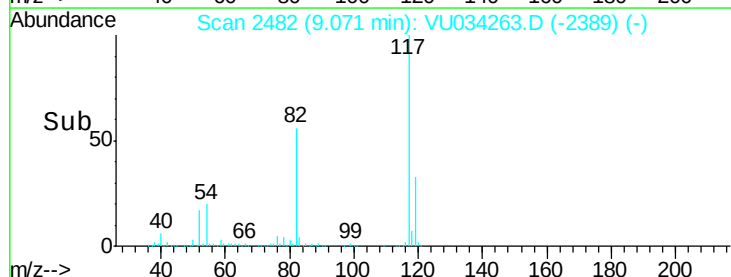
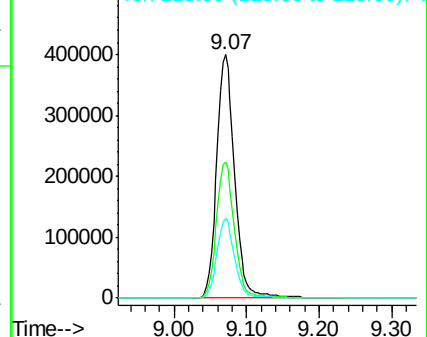
119 32.6 25.4 38.0

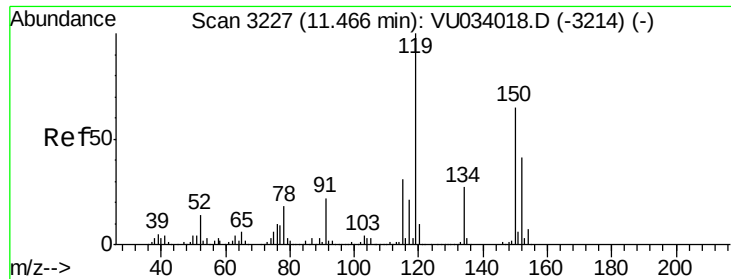


Abundance Ion 116.90 (116.60 to 117.60): VU034018.D (-2468) (-)

Ion 82.00 (81.70 to 82.70): VU034018.D (-2468) (-)

Ion 118.90 (118.60 to 119.60): VU034018.D (-2468) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.46 min Scan# 3226

Delta R.T. -0.00 min

Lab File: VU034263.D

Acq: 04 Sep 2019 17:17

Instrument :

MSVOA_U

ClientSampleId :

T7-S-G2-(2.5)

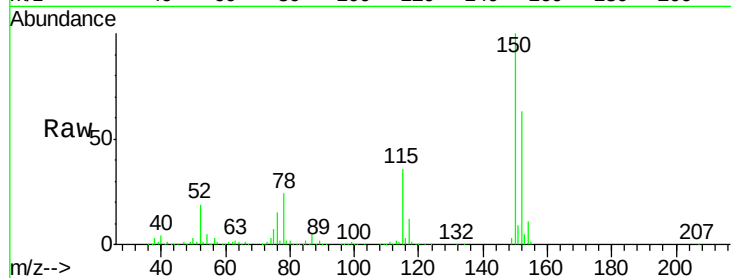
Tot Ion:152 Resp: 332685

Ion Ratio Lower Upper

152 100

115 56.5 41.1 123.3

150 156.9 0.0 348.8



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

