

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090219\
 Data File : VU034151.D
 Acq On : 01 Sep 2019 03:19
 Operator : JC/SP
 Sample : K4526-33
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T9-12-13-F4-(1.9)

Quant Time: Sep 01 05:52:57 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

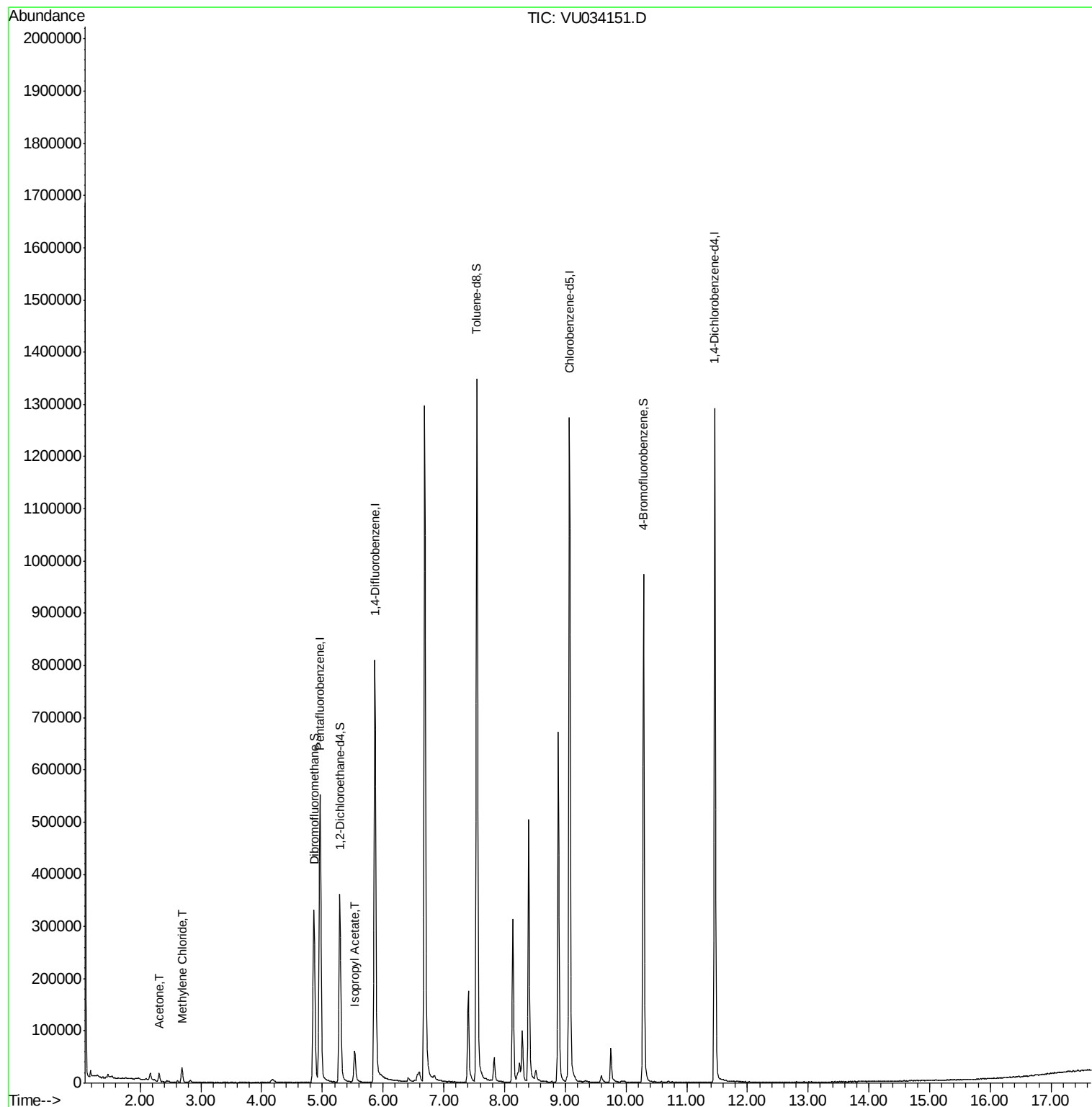
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	447186	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	728329	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	730514	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	359063	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	289143	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
35) Dibromofluoromethane	4.86	113	236983	46.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.82%	
50) Toluene-d8	7.55	98	947663	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
62) 4-Bromofluorobenzene	10.29	95	333643	45.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.70%	
Target Compounds						
16) Acetone	2.31	43	17877	6.115	ug/l	100
20) Methylene Chloride	2.69	84	12583	2.273	ug/l	97
43) Isopropyl Acetate	5.53	43	74774	6.371	ug/l	97

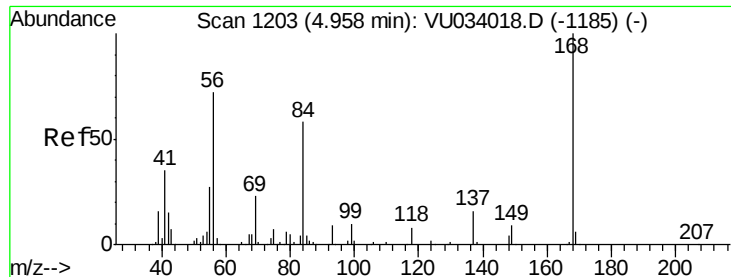
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 29 04:11:12 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1205

Delta R.T. 0.01 min

Lab File: VU034151.D

Acq: 01 Sep 2019 03:19

Instrument :

MSVOA_U

ClientSampleId :

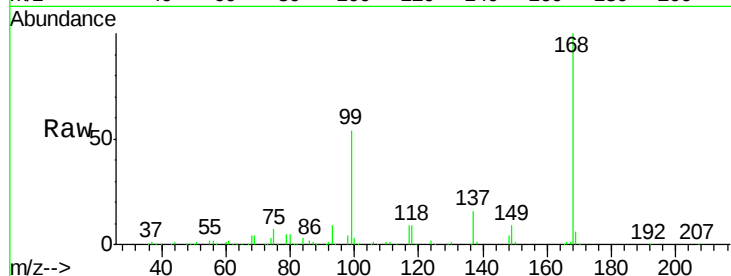
T9-12-13-F4-(1.9)

Tot Ion:168 Resp: 447186

Ion Ratio Lower Upper

168 100

99 54.1 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034151.D (-1110) (-)

Ion 98.90 (98.60 to 99.60): VU034151.D (-1110) (-)

4.96

200000

150000

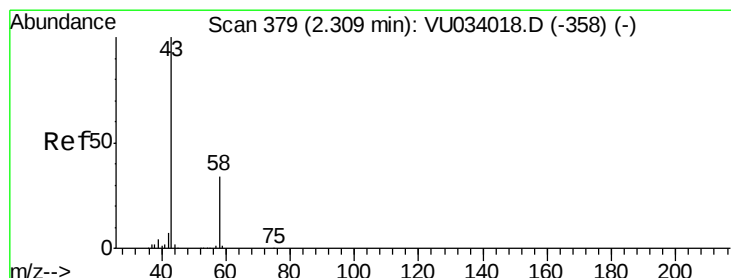
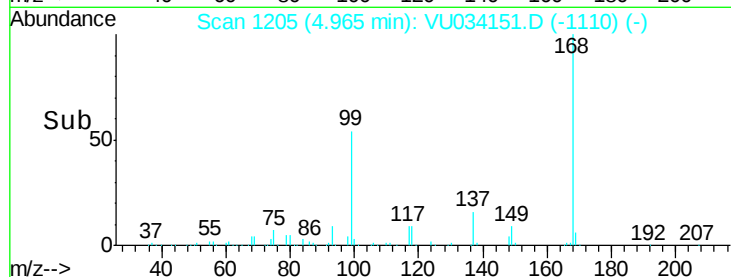
100000

50000

0

4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 6.115 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034151.D

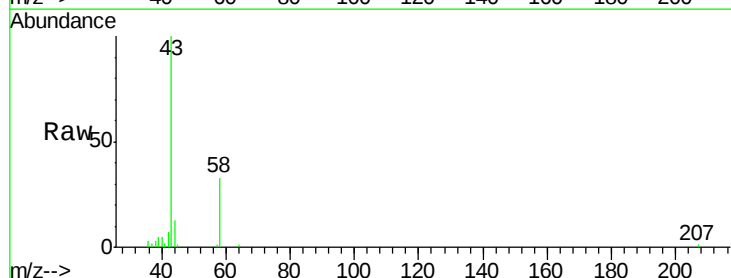
Acq: 01 Sep 2019 03:19

Tgt Ion: 43 Resp: 17877

Ion Ratio Lower Upper

43 100

58 33.3 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VU034151.D (-286) (-)

Ion 58.00 (57.70 to 58.70): VU034151.D (-286) (-)

2.31

12000

10000

8000

6000

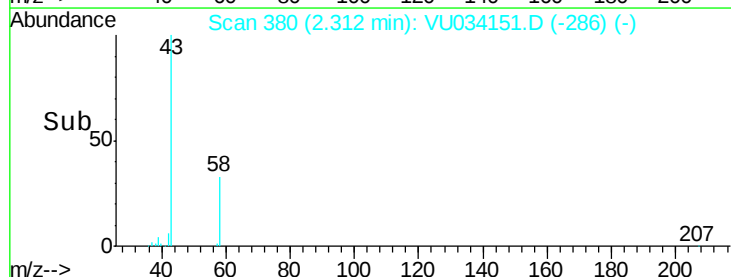
4000

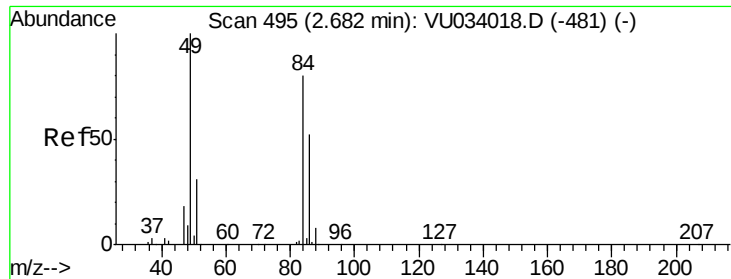
2000

0

2.25 2.30 2.35 2.40

Time-->





#20

Methylene Chloride

Concen: 2.273 ug/l

RT: 2.69 min Scan# 498

Delta R.T. 0.01 min

Lab File: VU034151.D

Acq: 01 Sep 2019 03:19

Instrument :
MSVOA_U
ClientSampleId :
T9-12-13-F4-(1.9)

Tot Ion: 84 Resp: 12583

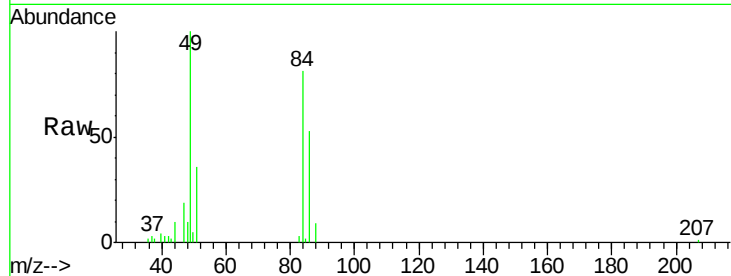
Ion Ratio Lower Upper

84 100

49 122.8 100.2 150.4

51 44.8 30.8 46.2

86 65.3 52.5 78.7

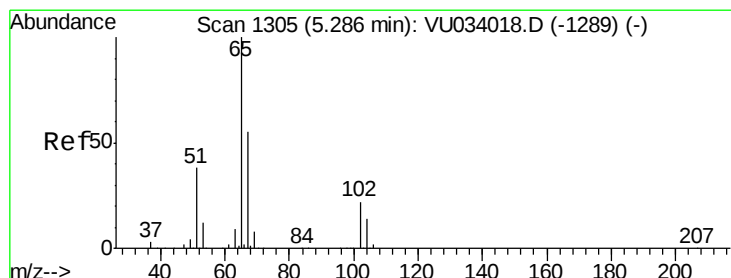
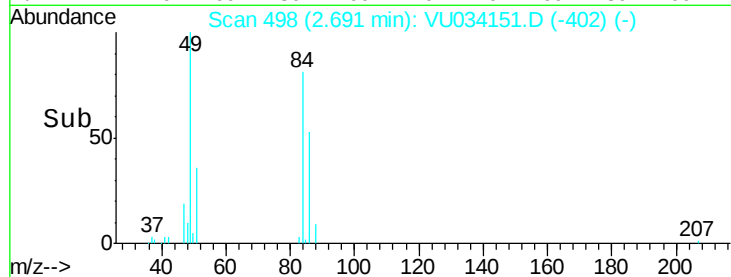
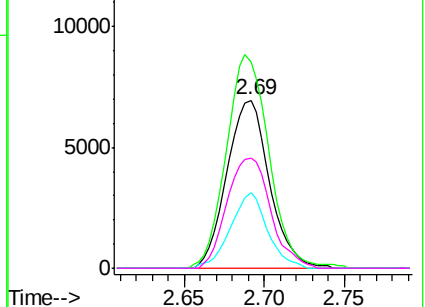


Abundance Ion 83.90 (83.60 to 84.60): VU0

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: 50.461 ug/l

RT: 5.29 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU034151.D

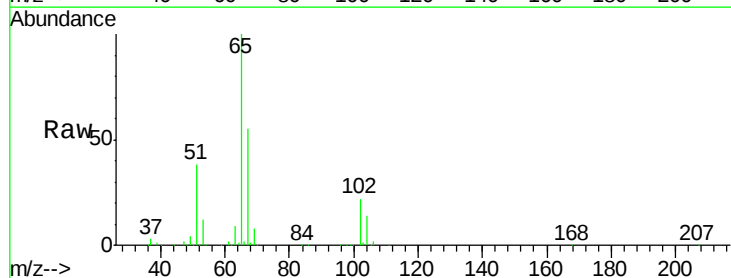
Acq: 01 Sep 2019 03:19

Tgt Ion: 65 Resp: 289143

Ion Ratio Lower Upper

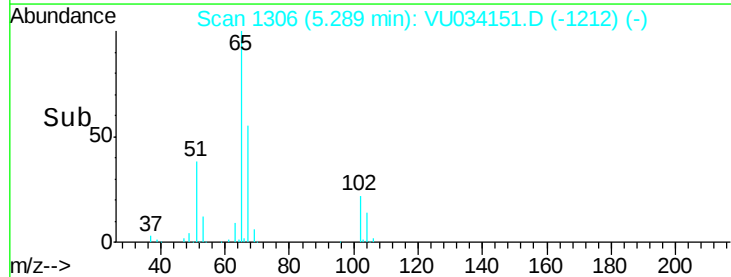
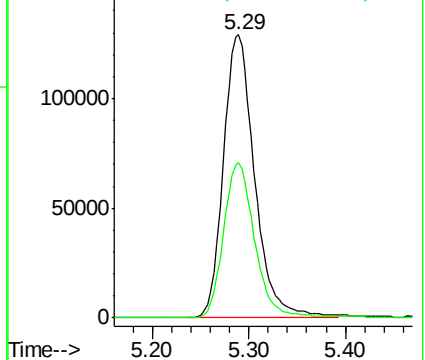
65 100

67 54.7 0.0 110.6



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: 5.87 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VU034151.D

Acq: 01 Sep 2019 03:19

Instrument :

MSVOA_U

ClientSampleId :

T9-12-13-F4-(1.9)

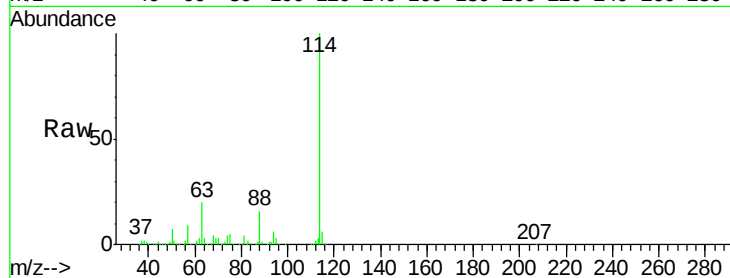
Tot Ion:114 Resp: 728329

Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.0

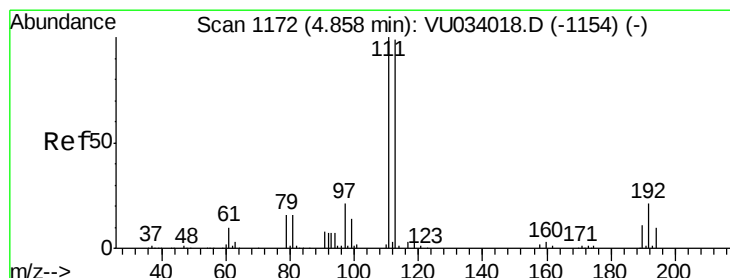
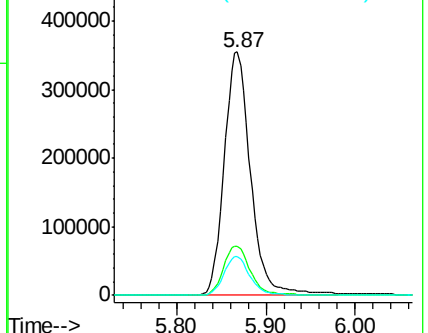
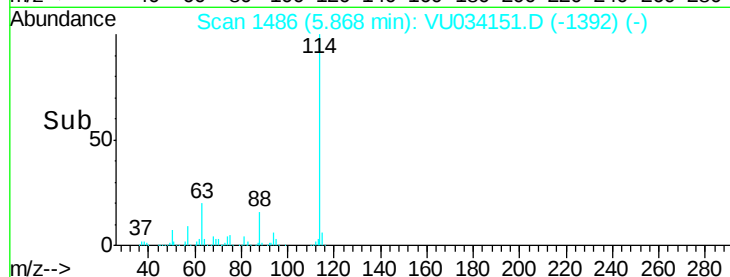
88 15.9 0.0 32.0



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: 46.912 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034151.D

Acq: 01 Sep 2019 03:19

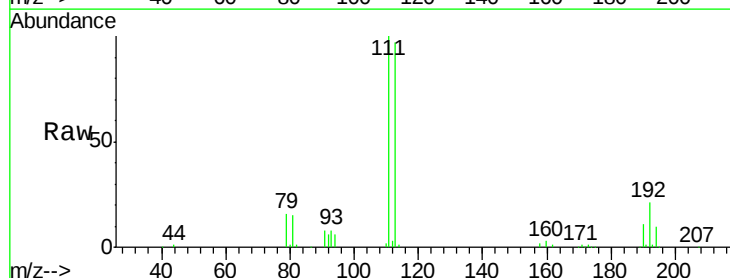
Tgt Ion:113 Resp: 236983

Ion Ratio Lower Upper

113 100

111 102.8 81.7 122.5

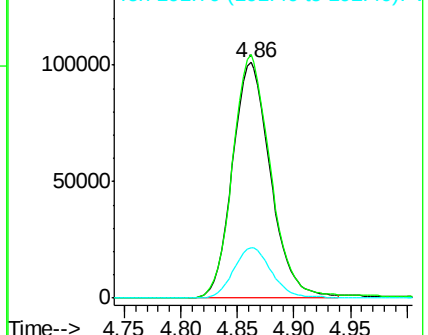
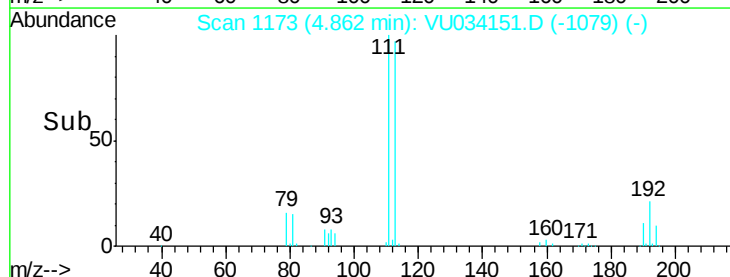
192 21.4 17.1 25.7

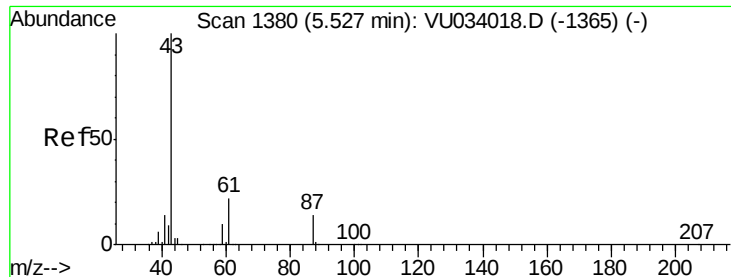


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 6.371 ug/l

RT: 5.53 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VU034151.D

Acq: 01 Sep 2019 03:19

Instrument :

MSVOA_U

ClientSampleId :

T9-12-13-F4-(1.9)

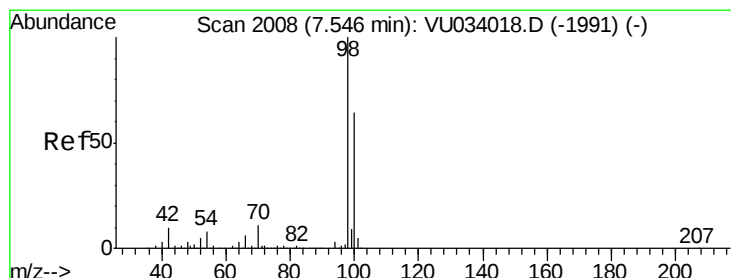
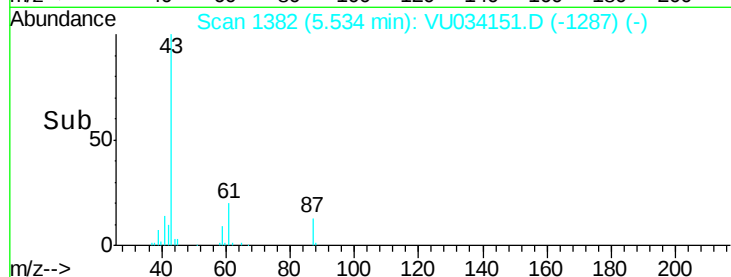
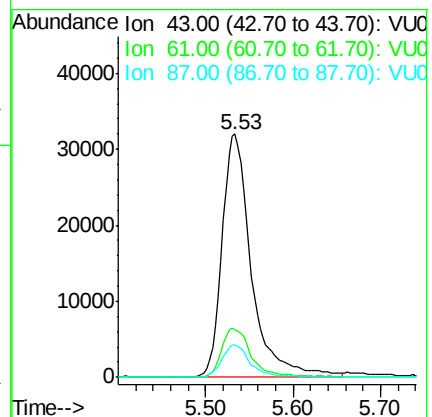
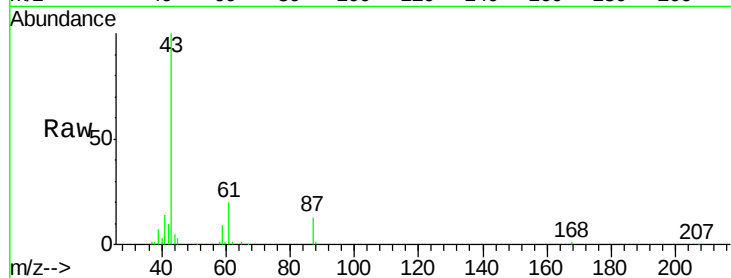
Tot Ion: 43 Resp: 74774

Ion Ratio Lower Upper

43 100

61 20.2 17.2 25.8

87 12.6 10.8 16.2



#50

Toluene-d8

Concen: 50.101 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU034151.D

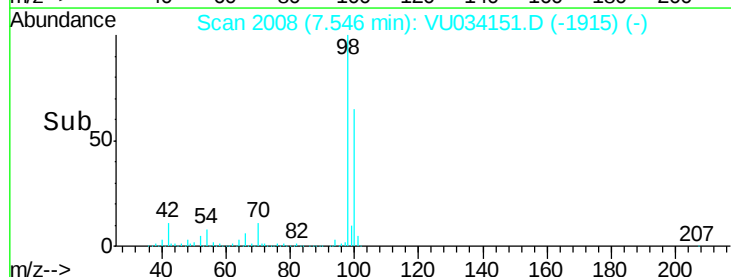
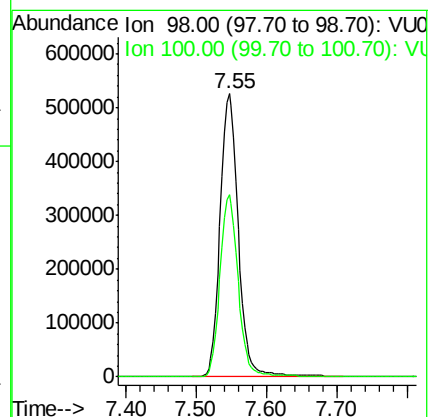
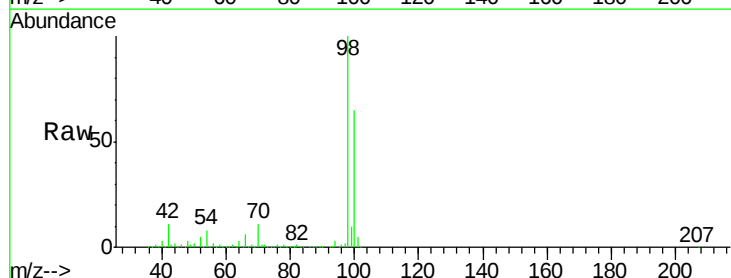
Acq: 01 Sep 2019 03:19

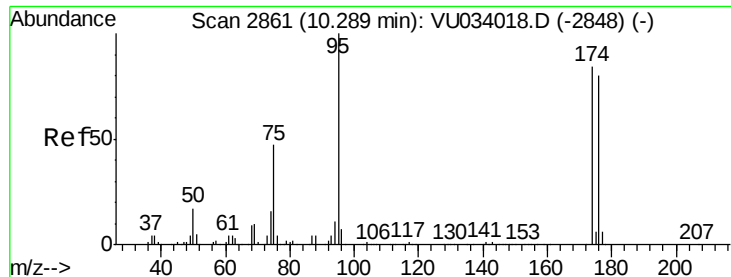
Tgt Ion: 98 Resp: 947663

Ion Ratio Lower Upper

98 100

100 64.5 50.3 75.5





#62

4-Bromofluorobenzene

Concen: 45.345 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU034151.D

Acq: 01 Sep 2019 03:19

Instrument :

MSVOA_U

ClientSampleId :

T9-12-13-F4-(1.9)

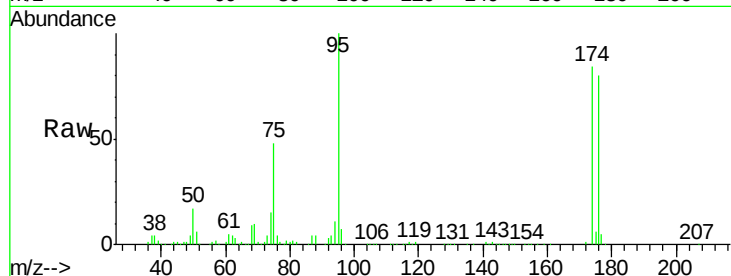
Tot Ion: 95 Resp: 333643

Ion Ratio Lower Upper

95 100

174 84.3 0.0 168.8

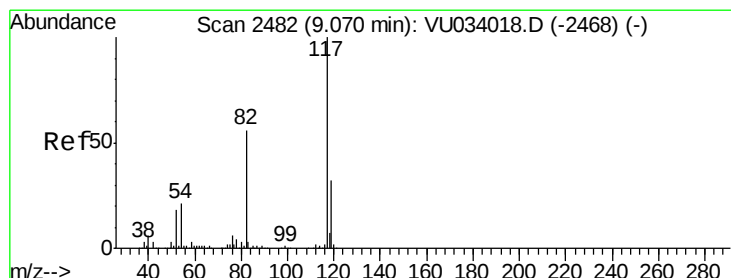
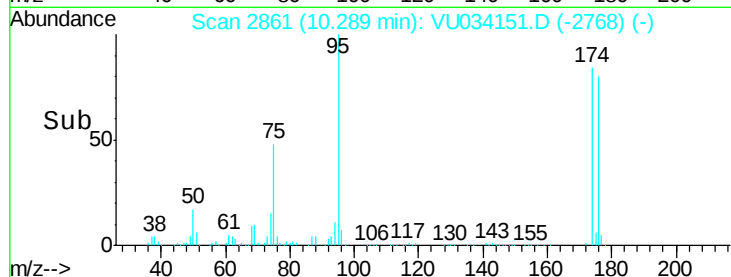
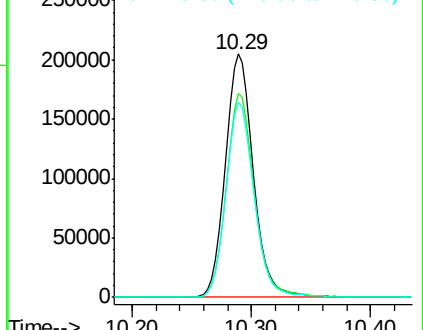
176 80.9 0.0 161.8



Abundance Ion 94.90 (94.60 to 95.60): VU0

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: VU034151.D

Acq: 01 Sep 2019 03:19

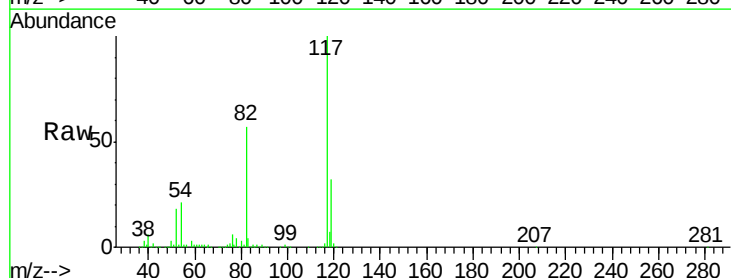
Tgt Ion: 117 Resp: 730514

Ion Ratio Lower Upper

117 100

82 56.5 45.1 67.7

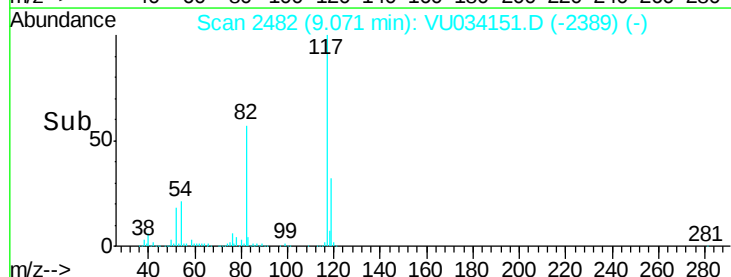
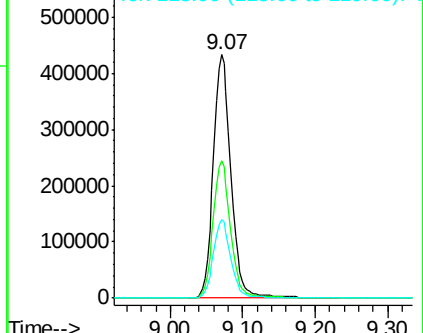
119 32.1 25.4 38.0

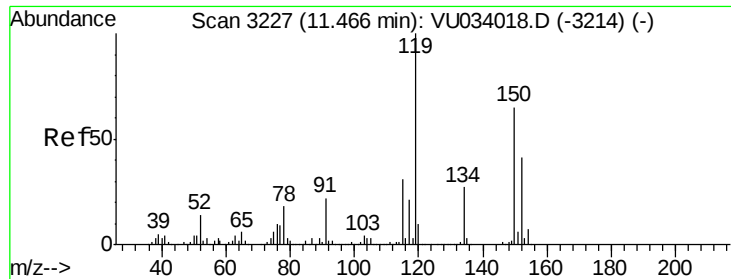


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VU0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.46 min Scan# 3226

Delta R.T. -0.00 min

Lab File: VU034151.D

Acq: 01 Sep 2019 03:19

Instrument :

MSVOA_U

ClientSampleId :

T9-12-13-F4-(1.9)

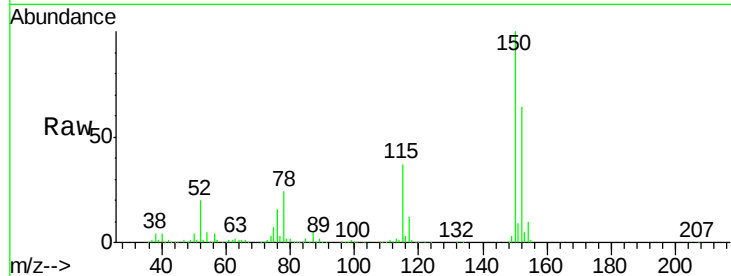
Tot Ion:152 Resp: 359063

Ion Ratio Lower Upper

152 100

115 56.8 41.1 123.3

150 154.7 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

