

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090519\
 Data File : VU034252.D
 Acq On : 04 Sep 2019 13:01
 Operator : JC/SP
 Sample : K4546-39
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T3-S-B4-(0)

Quant Time: Sep 05 04:46:43 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

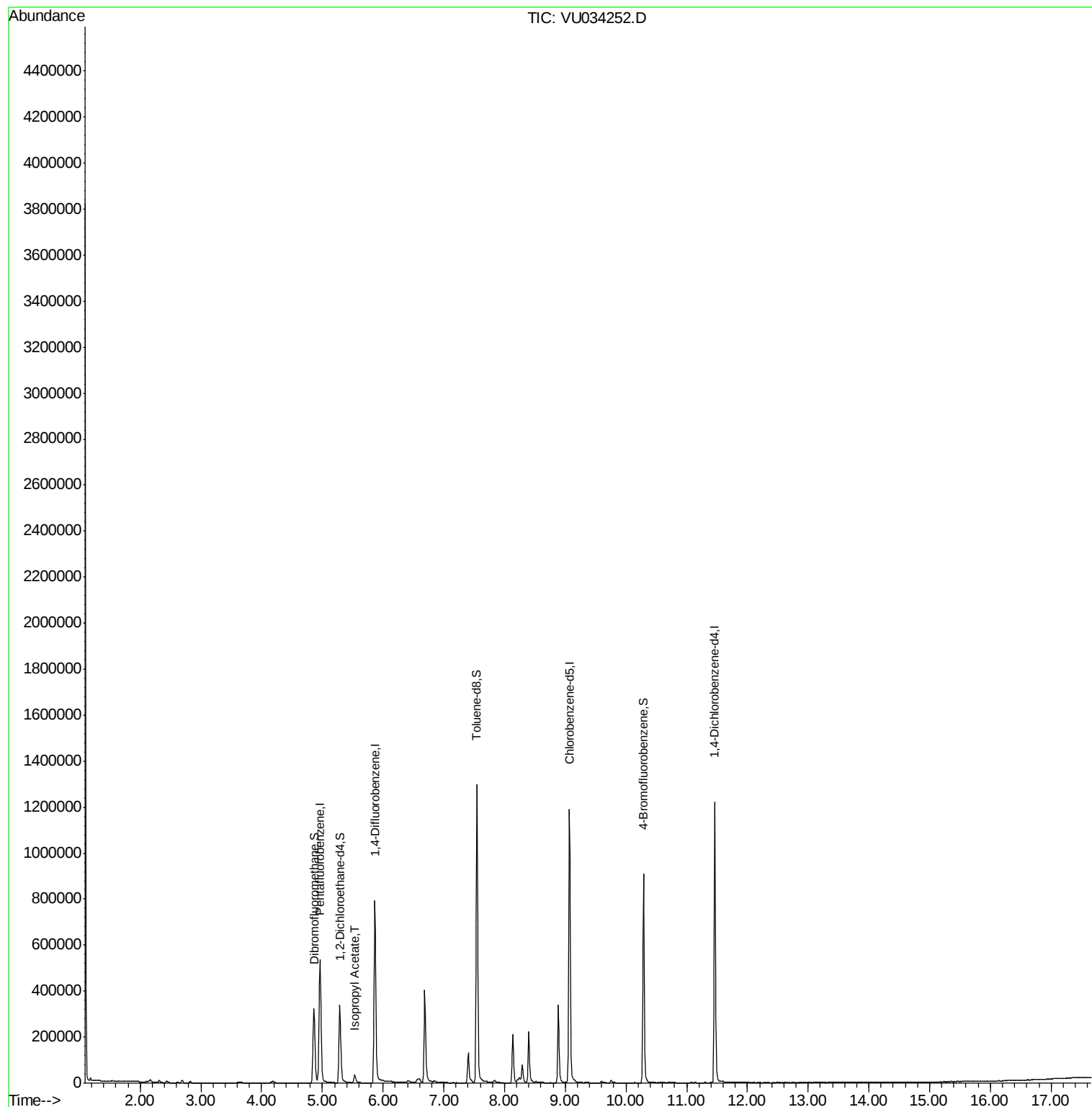
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	437223	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	700196	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	702574	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	339058	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	271102	48.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.78%	
35) Dibromofluoromethane	4.86	113	230990	47.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.12%	
50) Toluene-d8	7.55	98	910237	50.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.12%	
62) 4-Bromofluorobenzene	10.29	95	314002	44.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.78%	
Target Compounds						
43) Isopropyl Acetate	5.53	43	43558	3.860	ug/l	Qvalue 98

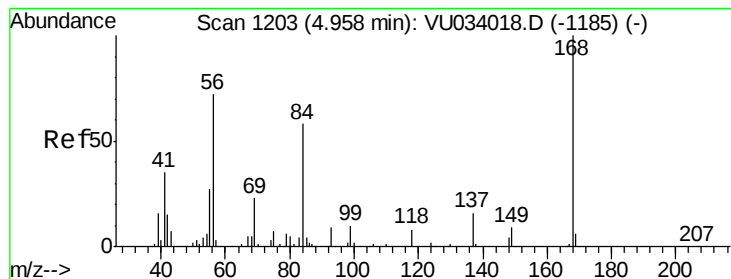
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VU034252.D

Acq: 04 Sep 2019 13:01

Instrument :

MSVOA_U

ClientSampleId :

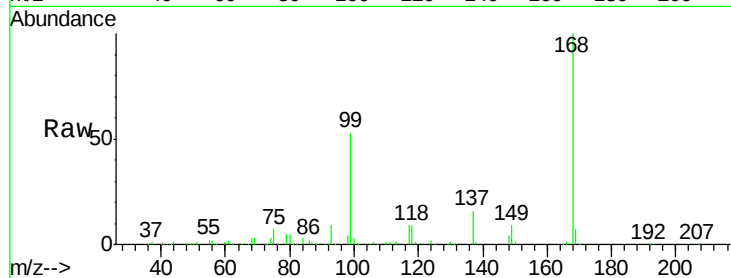
T3-S-B4-(0)

Tot Ion:168 Resp: 437223

Ion Ratio Lower Upper

168 100

99 53.0 42.3 63.5



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

Ion 98.90 (98.60 to 99.60): VU034018.D (-1185) (-)

4.96

200000

150000

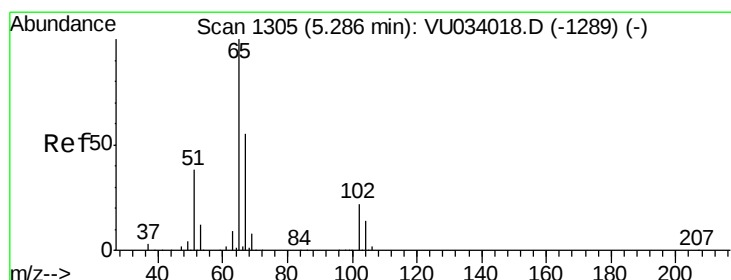
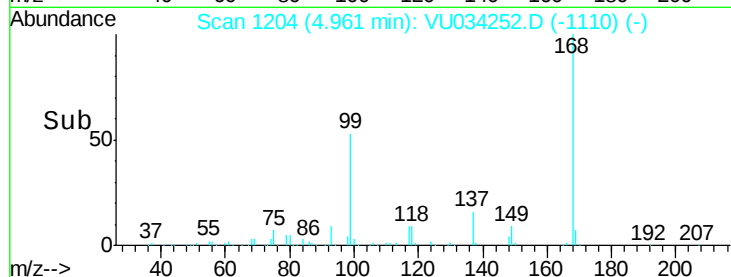
100000

50000

0

4.90 5.00 5.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.391 ug/l

RT: 5.29 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU034252.D

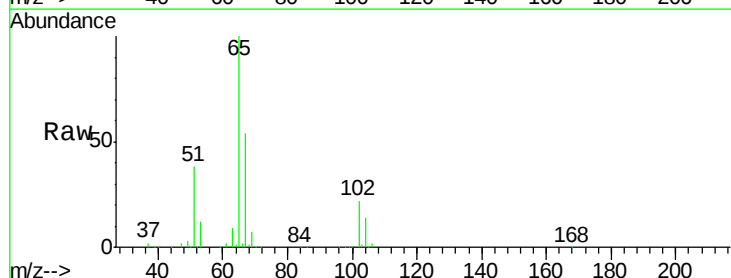
Acq: 04 Sep 2019 13:01

Tgt Ion: 65 Resp: 271102

Ion Ratio Lower Upper

65 100

67 54.0 0.0 110.6



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

Ion 66.90 (66.60 to 67.60): VU034018.D (-1289) (-)

5.29

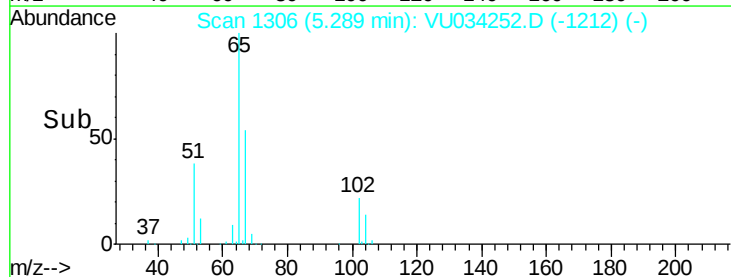
100000

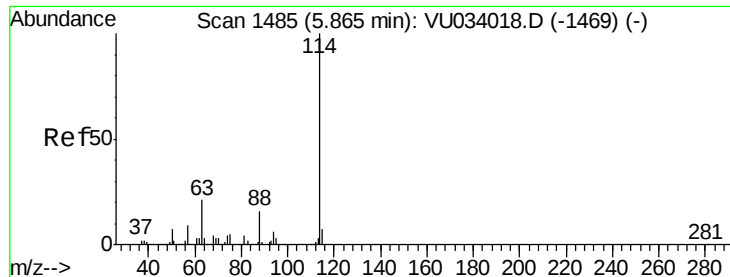
50000

0

5.20 5.30 5.40

Time-->

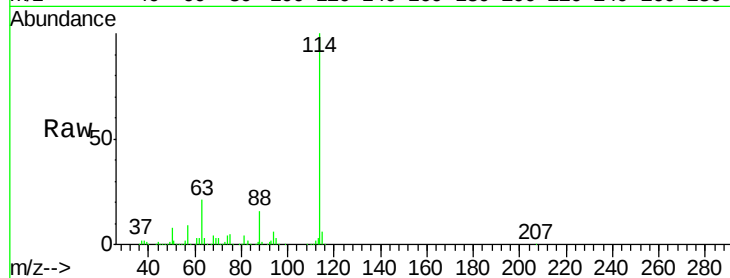




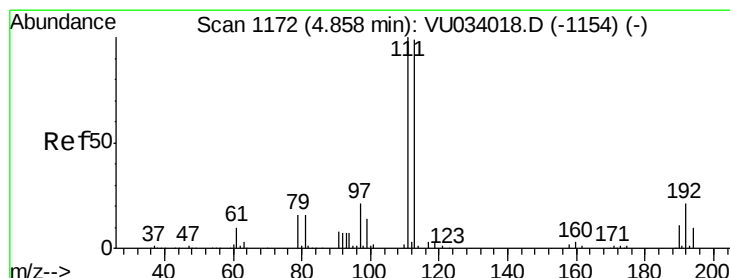
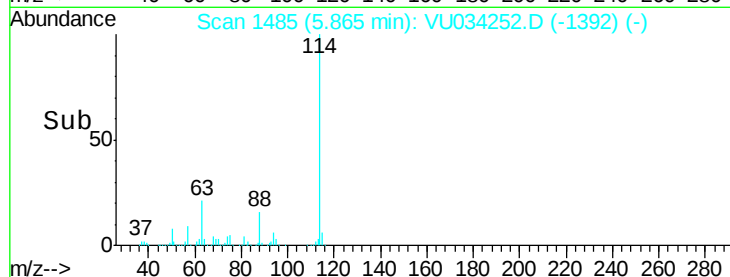
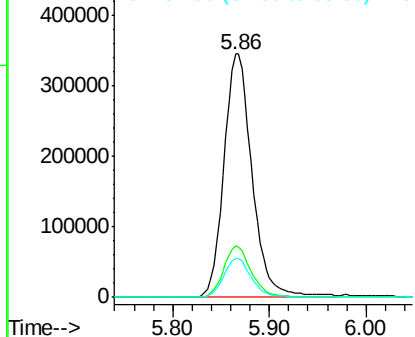
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.86 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VU034252.D
 Acq: 04 Sep 2019 13:01

Instrument :
 MSVOA_U
 ClientSampleId :
 T3-S-B4-(0)

Tot Ion:114	Resp:	700196
Ion	Ratio	Lower Upper
114	100	
63	20.9	0.0 42.0
88	16.0	0.0 32.0

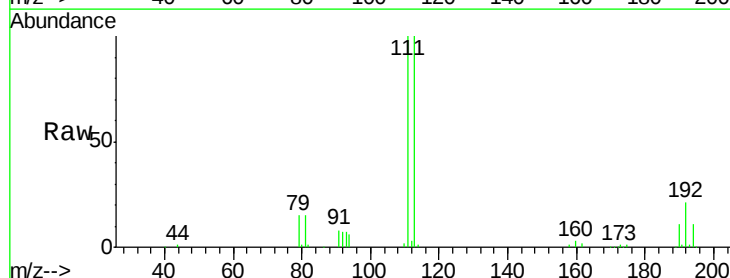


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

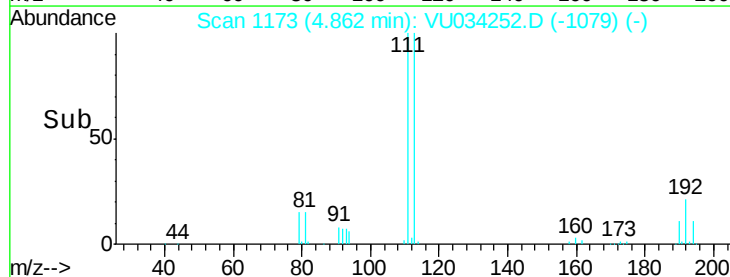
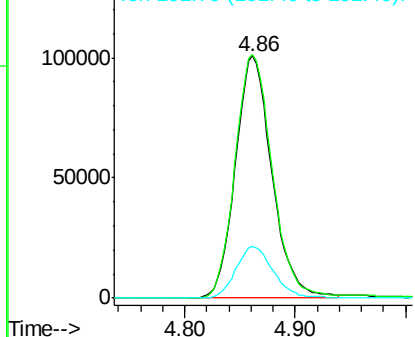


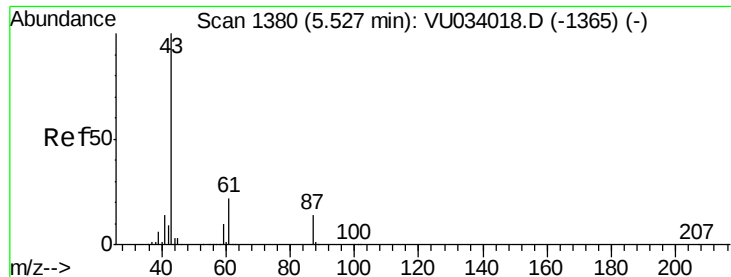
#35
 Dibromofluoromethane
 Concen: 47.563 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034252.D
 Acq: 04 Sep 2019 13:01

Tgt Ion:113	Resp:	230990
Ion	Ratio	Lower Upper
113	100	
111	102.8	81.7 122.5
192	22.0	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

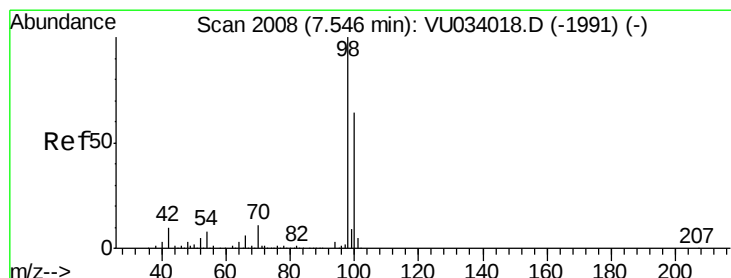
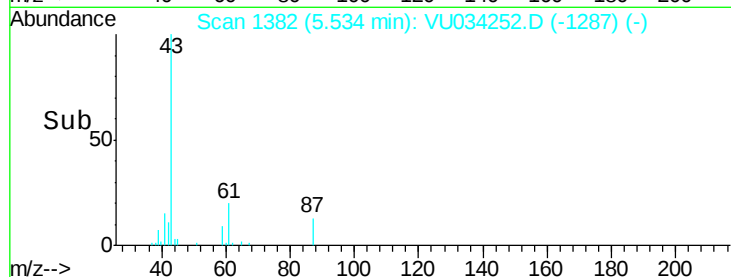
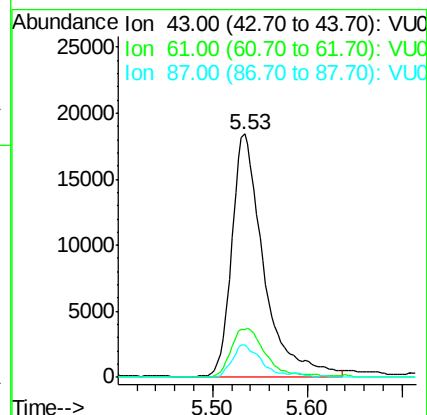
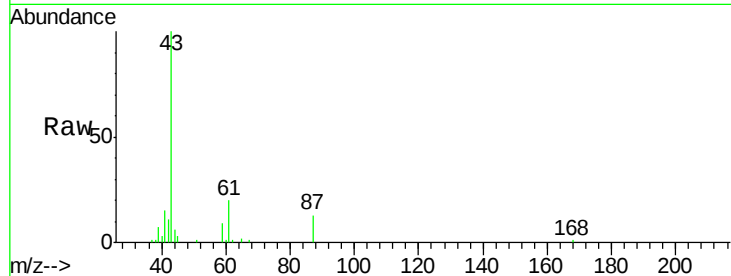




#43
Isopropyl Acetate
Concen: 3.860 ug/l
RT: 5.53 min Scan# 1382
Delta R.T. 0.01 min
Lab File: VU034252.D
Acq: 04 Sep 2019 13:01

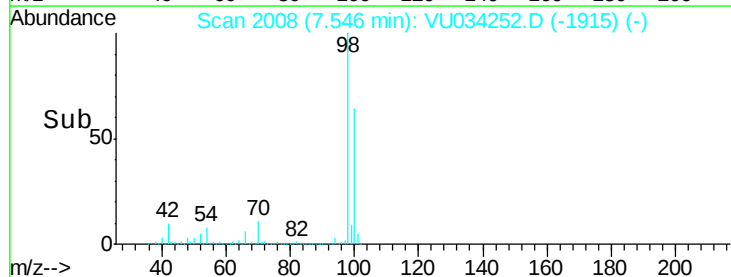
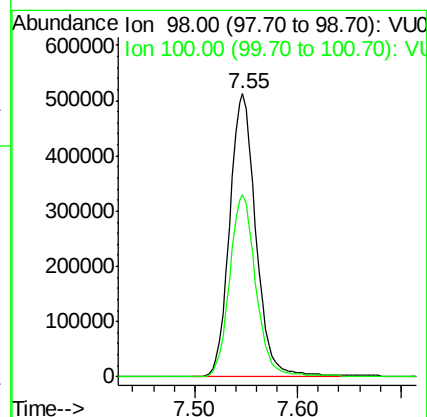
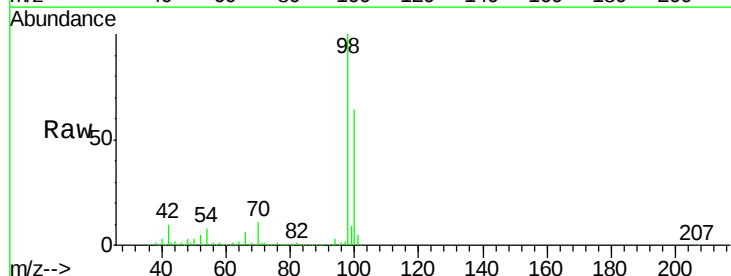
Instrument :
MSVOA_U
ClientSampleId :
T3-S-B4-(0)

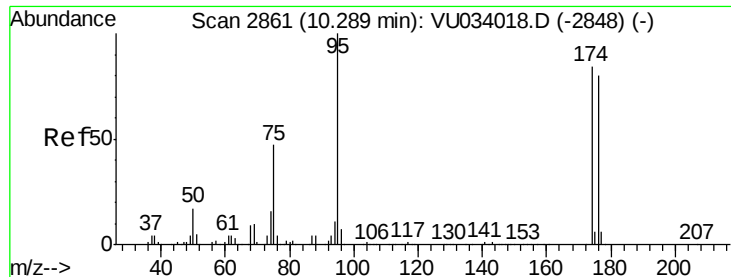
Tot Ion	43	Resp	43558
Ion Ratio	Lower	Upper	
43	100		
61	21.0	17.2	25.8
87	12.0	10.8	16.2



#50
Toluene-d8
Concen: 50.056 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VU034252.D
Acq: 04 Sep 2019 13:01

Tgt Ion	98	Resp	910237
Ion Ratio	Lower	Upper	
98	100		
100	64.7	50.3	75.5





#62

4-Bromofluorobenzene

Concen: 44.391 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU034252.D

Acq: 04 Sep 2019 13:01

Instrument :

MSVOA_U

ClientSampleId :

T3-S-B4-(0)

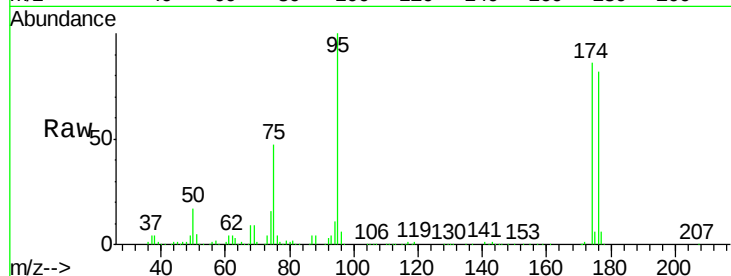
Tot Ion: 95 Resp: 314002

Ion Ratio Lower Upper

95 100

174 86.7 0.0 168.8

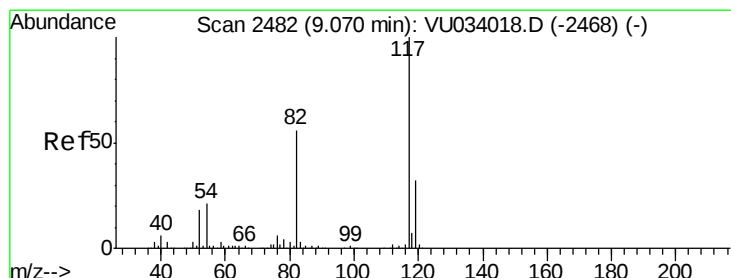
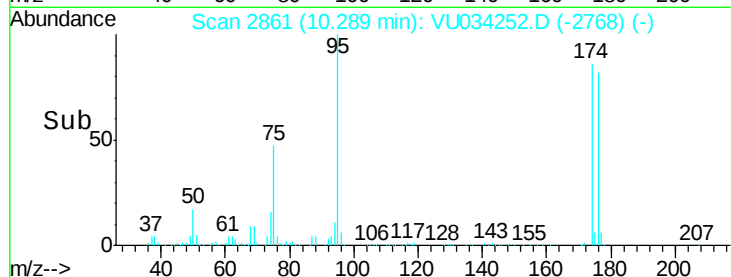
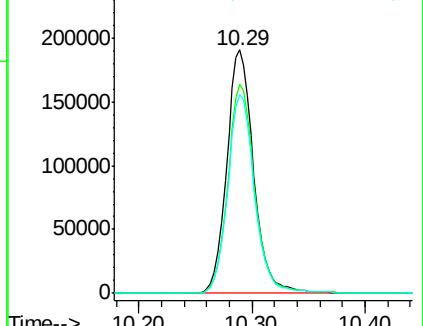
176 82.0 0.0 161.8



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: VU034252.D

Acq: 04 Sep 2019 13:01

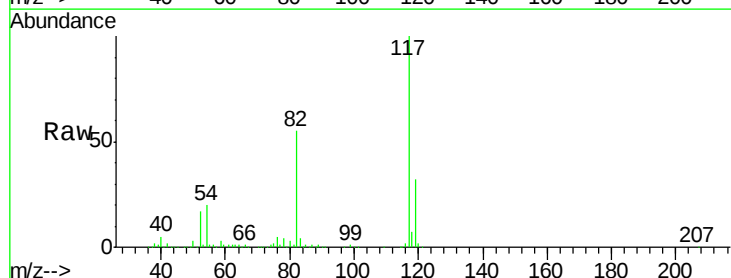
Tgt Ion: 117 Resp: 702574

Ion Ratio Lower Upper

117 100

82 55.2 45.1 67.7

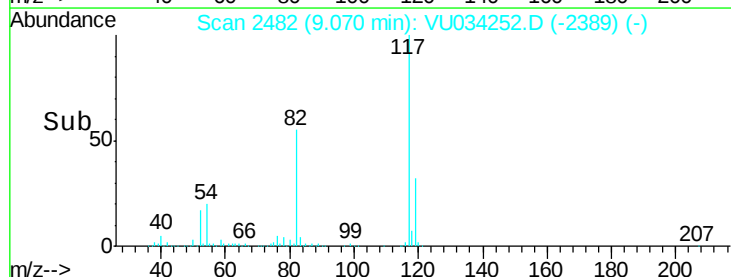
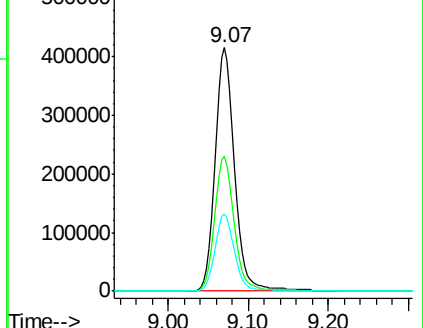
119 31.7 25.4 38.0

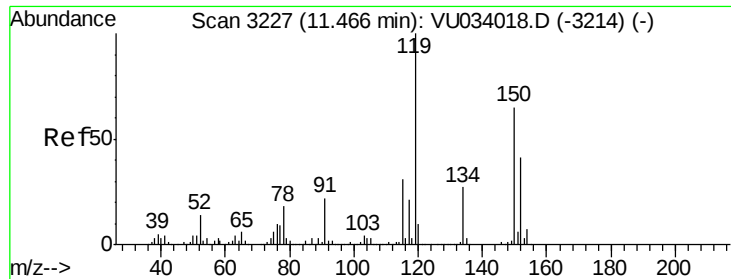


Abundance Ion 116.90 (116.60 to 117.60): V

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: VU034252.D

Acq: 04 Sep 2019 13:01

Instrument :

MSVOA_U

ClientSampleId :

T3-S-B4-(0)

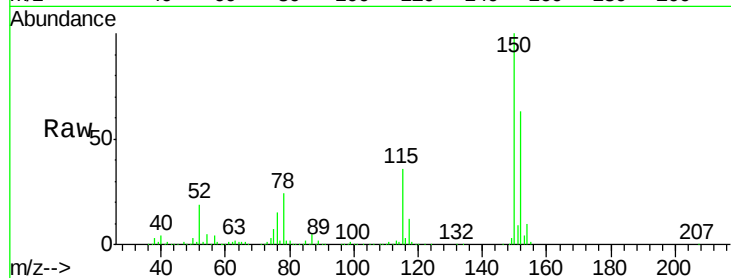
Tot Ion:152 Resp: 339058

Ion Ratio Lower Upper

152 100

115 56.7 41.1 123.3

150 156.5 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

