

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090519\
 Data File : VU034245.D
 Acq On : 04 Sep 2019 10:18
 Operator : JC/SP
 Sample : VU0905WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0905WBL01

Quant Time: Sep 05 04:35:38 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	423025	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	669153	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	648108	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	318555	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	261821	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	
35) Dibromofluoromethane	4.86	113	219945	47.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.78%	
50) Toluene-d8	7.55	98	848734	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	
62) 4-Bromofluorobenzene	10.29	95	292974	43.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.68%	

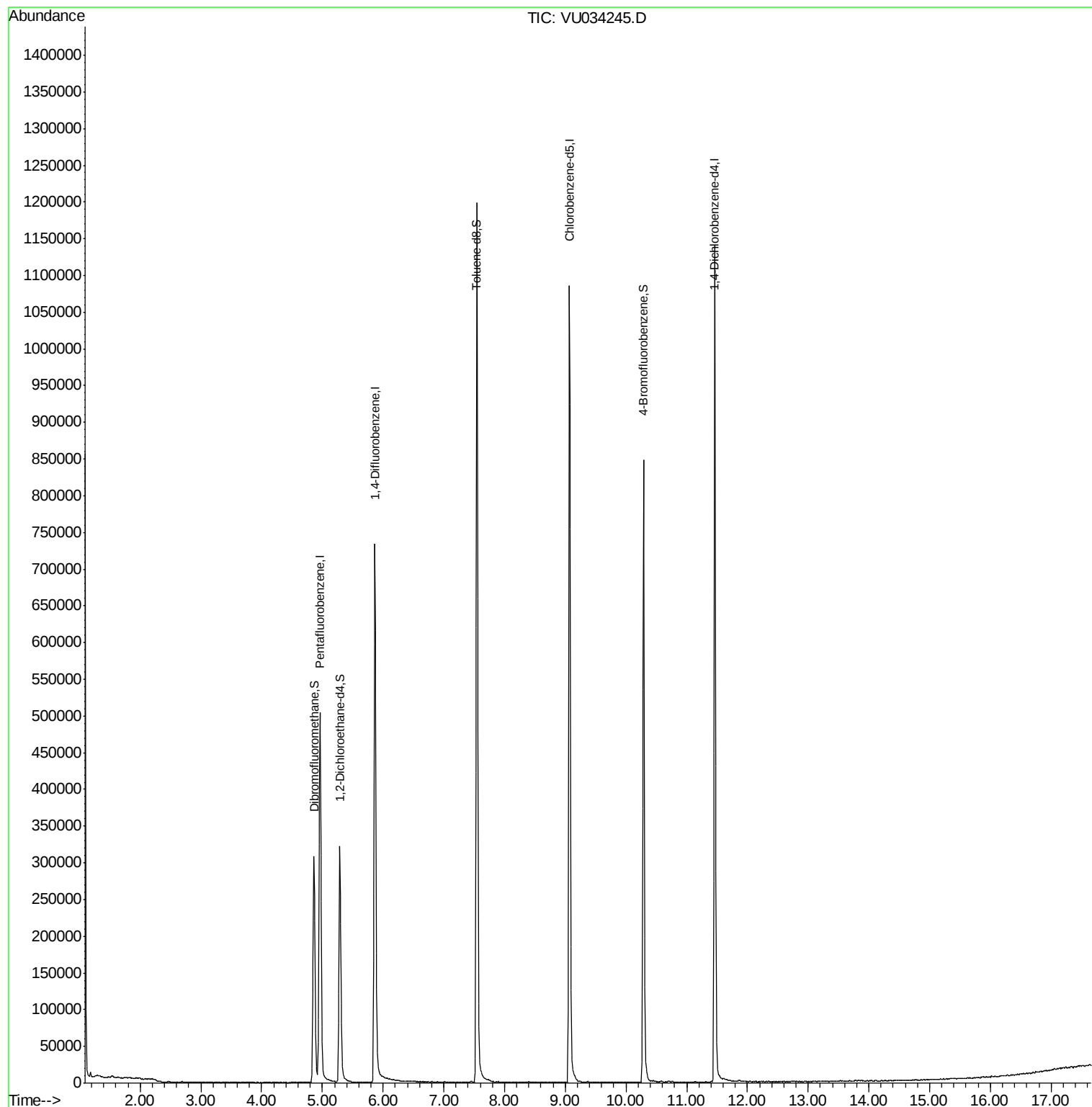
Target Compounds	Qvalue
------------------	--------

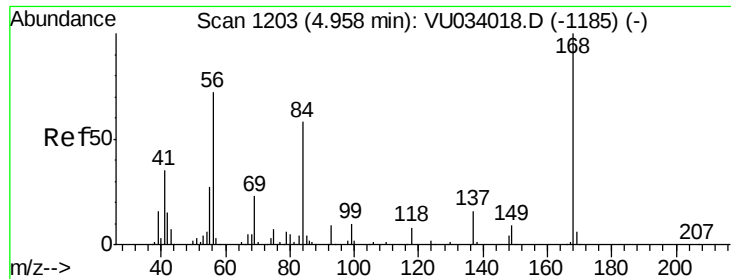
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090519\
Data File : VU034245.D
Acq On : 04 Sep 2019 10:18
Operator : JC/SP
Sample : VU0905WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0905WBL01

Quant Time: Sep 05 04:35:38 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VU034245.D

Acq: 04 Sep 2019 10:18

Instrument :

MSVOA_U

ClientSampleId :

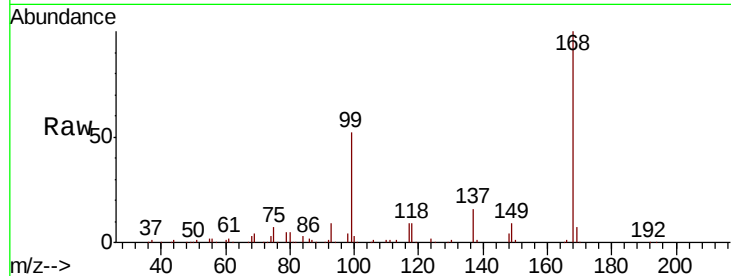
VU0905WBL01

Tgt Ion: 168 Resp: 423025

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) (-)

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

4.96

200000

150000

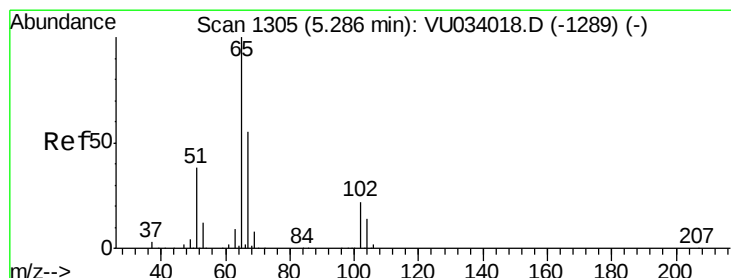
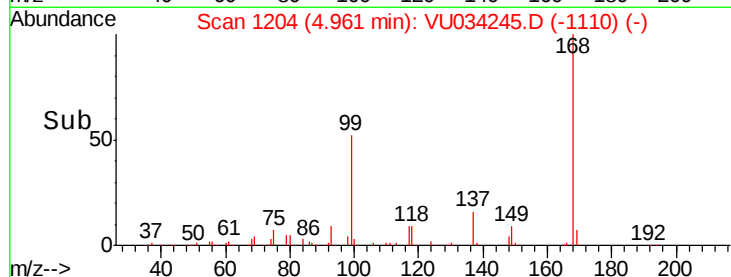
100000

50000

0

4.90 5.00 5.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.303 ug/l

RT: 5.29 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU034245.D

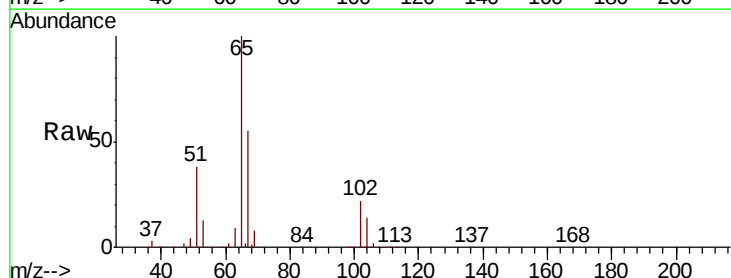
Acq: 04 Sep 2019 10:18

Tgt Ion: 65 Resp: 261821

Ion Ratio Lower Upper

65 100

67 54.8 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

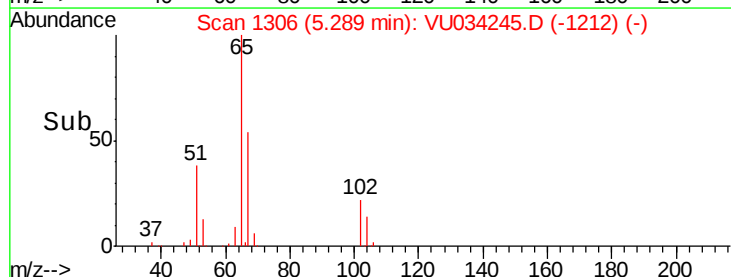
100000

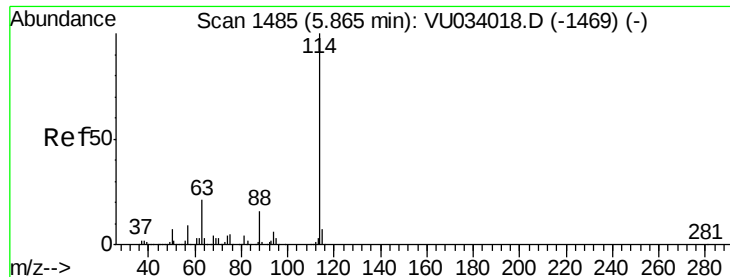
50000

0

5.20 5.30 5.40

Time-->

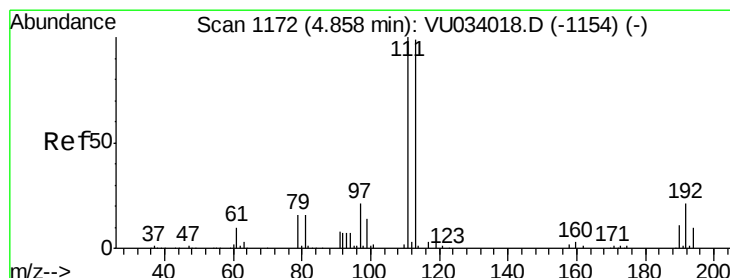
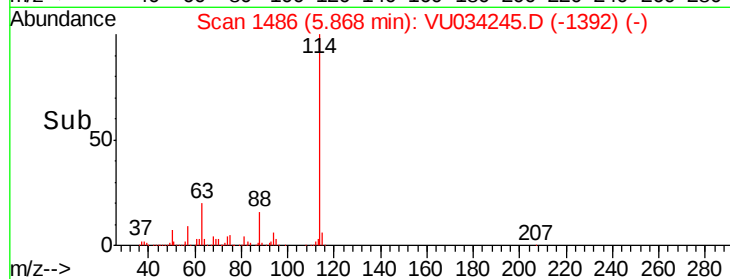
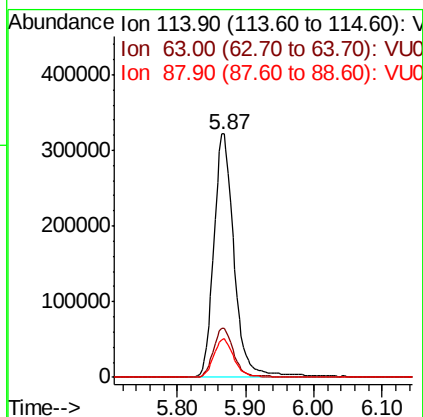
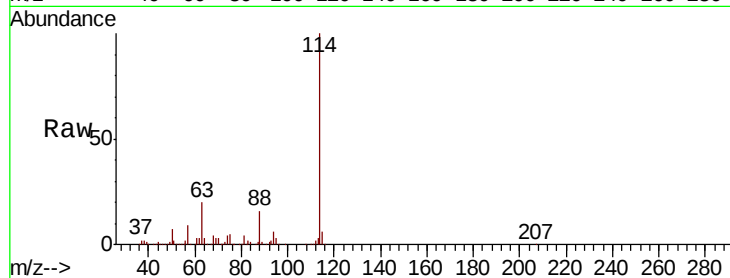




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.87 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VU034245.D
 Acq: 04 Sep 2019 10:18

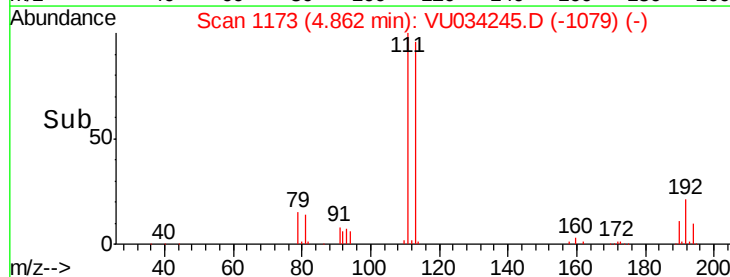
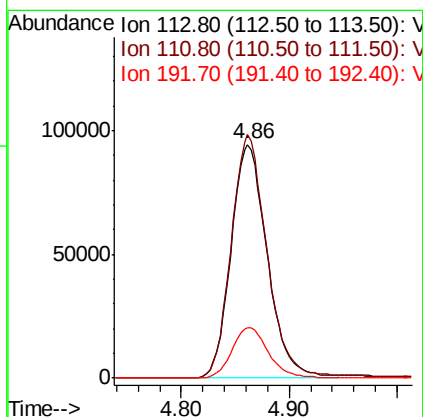
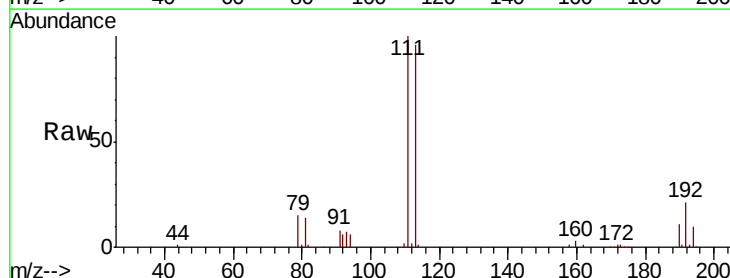
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0905WBL01

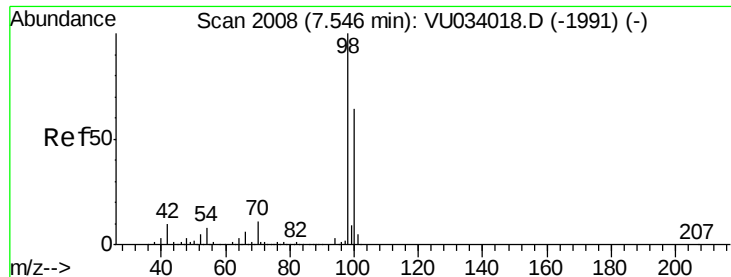
Tgt Ion:114 Resp: 669153
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 42.0
 88 15.8 0.0 32.0



#35
 Dibromofluoromethane
 Concen: 47.390 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034245.D
 Acq: 04 Sep 2019 10:18

Tgt Ion:113 Resp: 219945
 Ion Ratio Lower Upper
 113 100
 111 103.7 81.7 122.5
 192 21.8 17.1 25.7

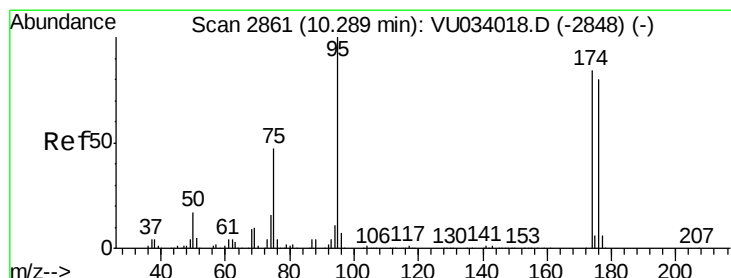
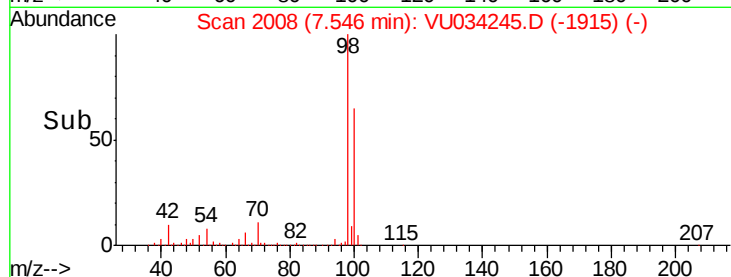
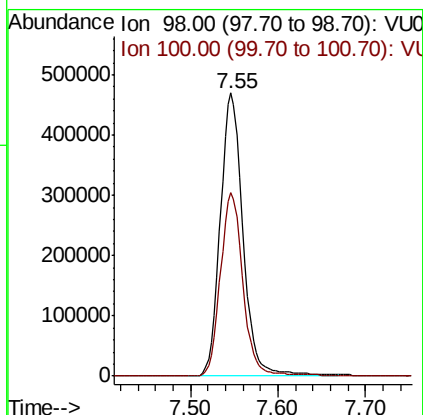
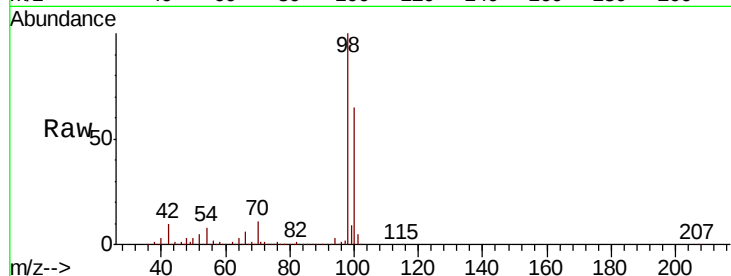




#50
Toluene-d8
Concen: 48.839 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VU034245.D
Acq: 04 Sep 2019 10:18

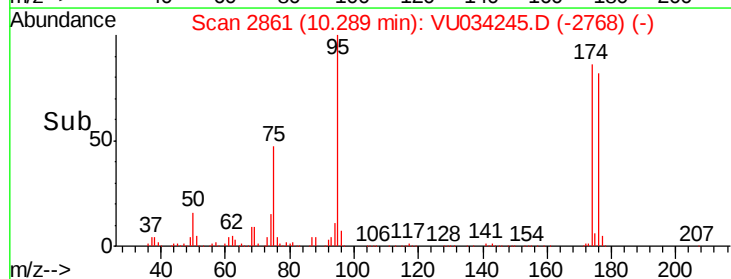
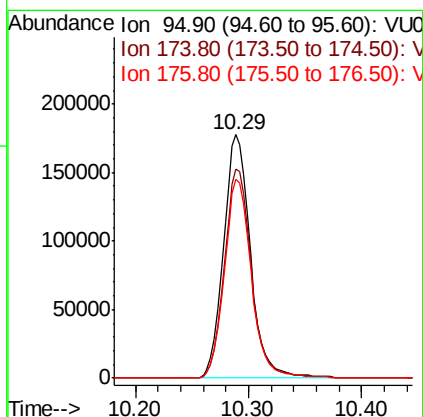
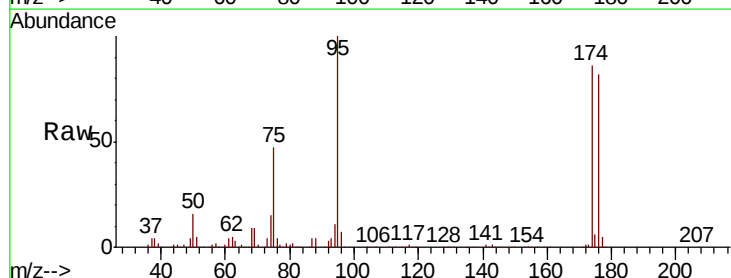
Instrument :
MSVOA_U
ClientSampleId :
VU0905WBL01

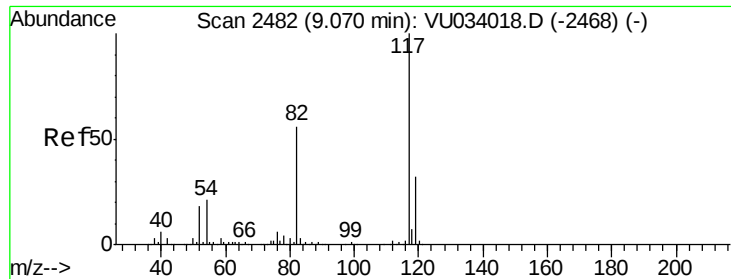
Tgt Ion: 98 Resp: 848734
Ion Ratio Lower Upper
98 100
100 64.5 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 43.339 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. 0.00 min
Lab File: VU034245.D
Acq: 04 Sep 2019 10:18

Tgt Ion: 95 Resp: 292974
Ion Ratio Lower Upper
95 100
174 87.5 0.0 168.8
176 82.4 0.0 161.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2482

Delta R.T. 0.00 min

Lab File: VU034245.D

Acq: 04 Sep 2019 10:18

Instrument :

MSVOA_U

ClientSampleId :

VU0905WBL01

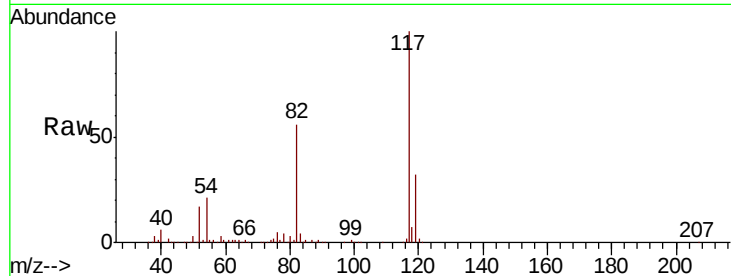
Tgt Ion:117 Resp: 648108

Ion Ratio Lower Upper

117 100

82 56.2 45.1 67.7

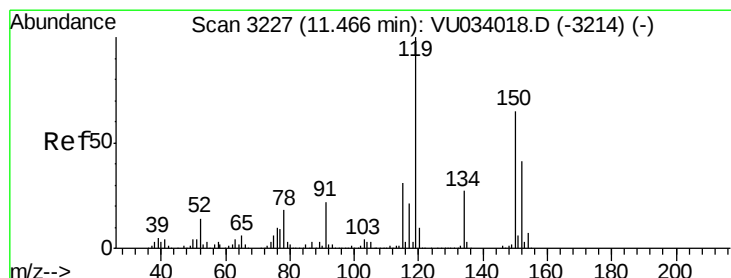
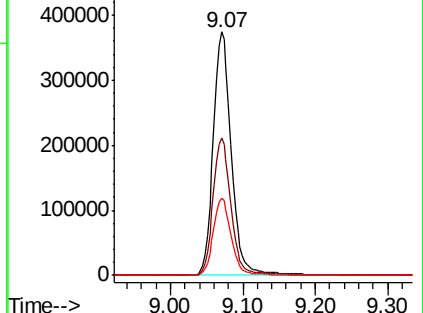
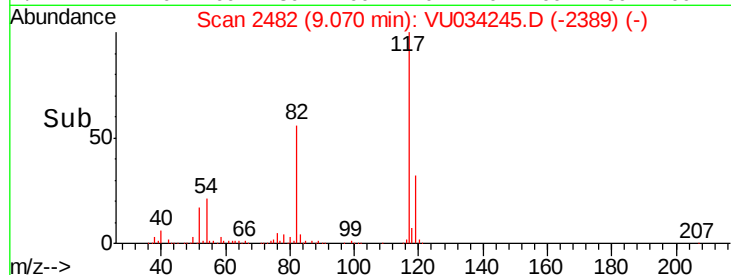
119 31.7 25.4 38.0



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: VU034245.D

Acq: 04 Sep 2019 10:18

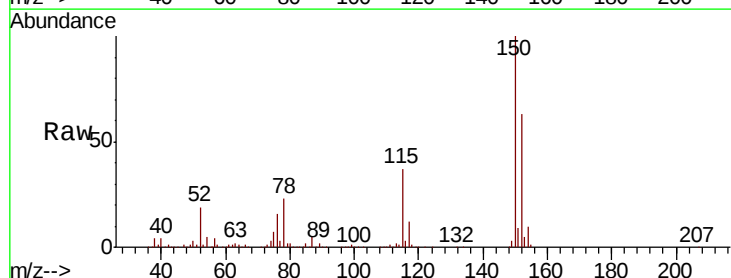
Tgt Ion:152 Resp: 318555

Ion Ratio Lower Upper

152 100

115 57.0 41.1 123.3

150 158.2 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

