

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090519\
 Data File : VU034258.D
 Acq On : 04 Sep 2019 15:21
 Operator : JC/SP
 Sample : K4547-28
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Sep 05 04:55:46 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

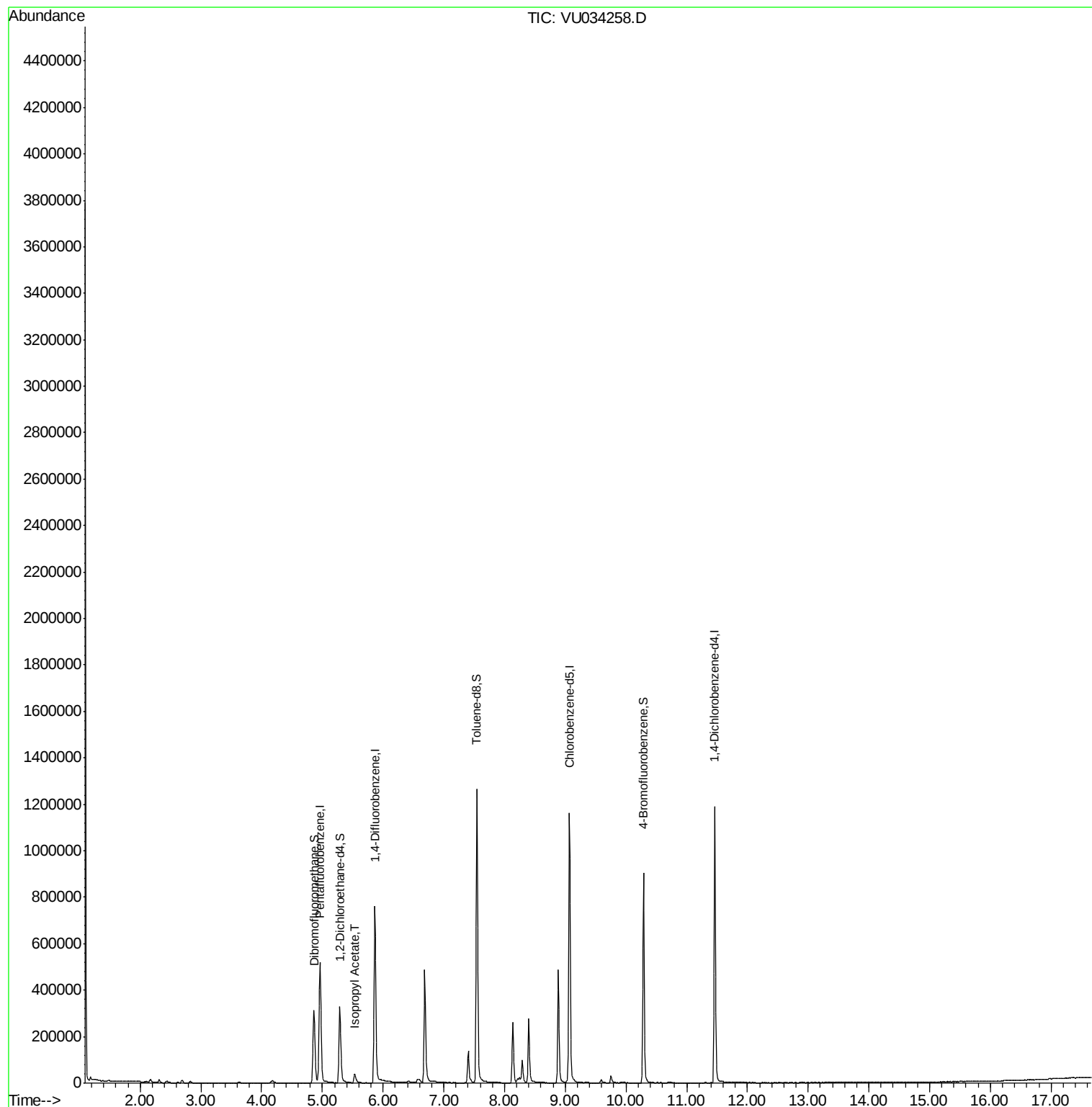
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	425020	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	682598	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	683664	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	335447	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	263420	48.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.74%	
35) Dibromofluoromethane	4.86	113	226228	47.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.56%	
50) Toluene-d8	7.55	98	895335	50.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.02%	
62) 4-Bromofluorobenzene	10.29	95	309537	44.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.78%	
Target Compounds						
43) Isopropyl Acetate	5.53	43	48867	4.443	ug/l	Qvalue 99

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

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Quant Title : SW846 8260
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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: VU034258.D

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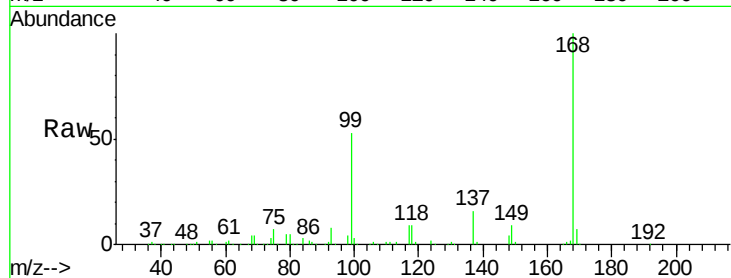
Instrument :
MSVOA_U
ClientSampleId :
T3-S-F-(0)

Tot Ion:168 Resp: 425020

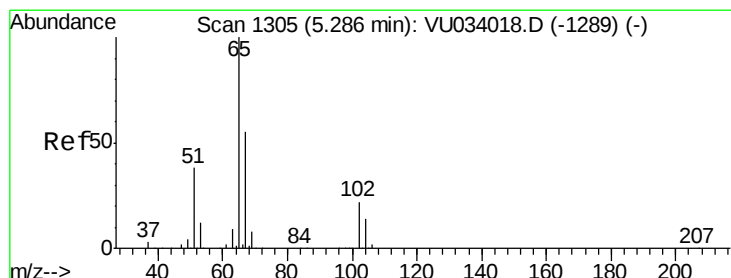
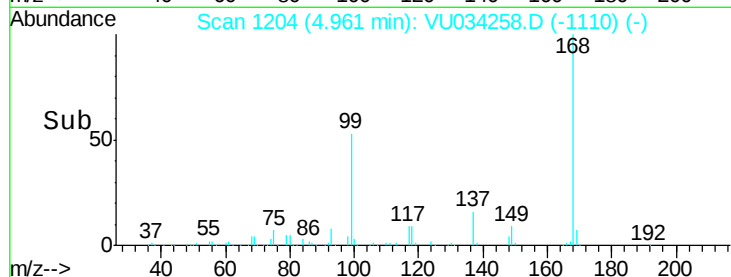
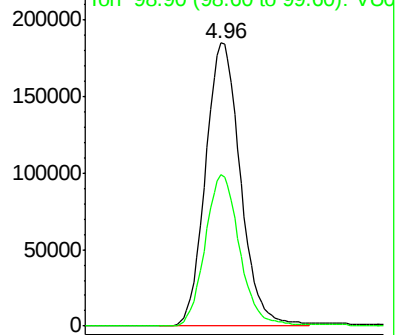
Ion Ratio Lower Upper

168 100

99 53.4 42.3 63.5



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



#33

1,2-Dichloroethane-d4

Concen: 48.370 ug/l

RT: 5.29 min Scan# 1305

Delta R.T. 0.00 min

Lab File: VU034258.D

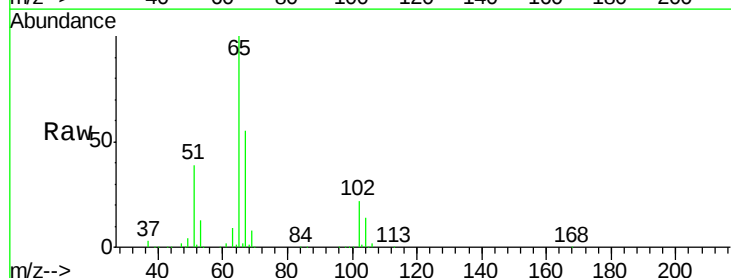
Acq: 04 Sep 2019 15:21

Tgt Ion: 65 Resp: 263420

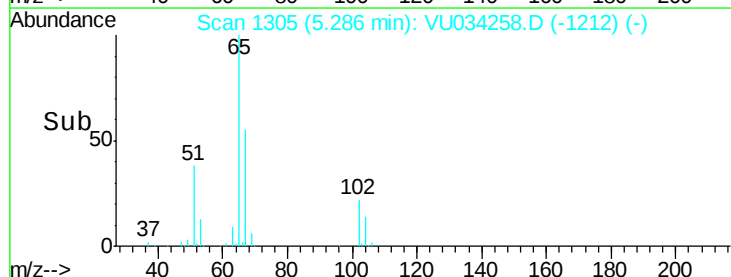
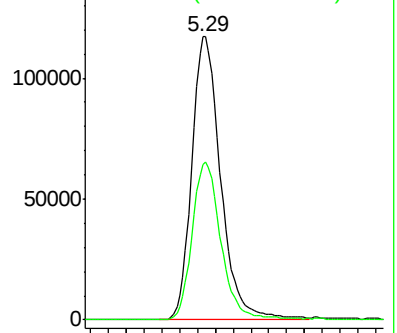
Ion Ratio Lower Upper

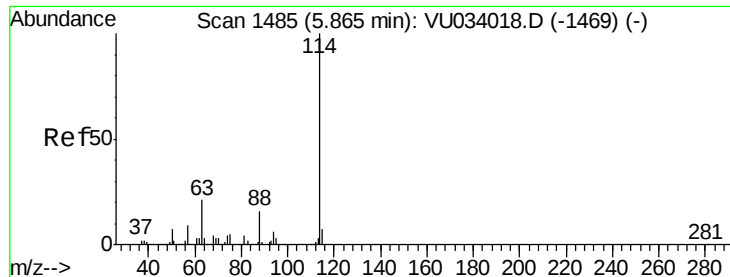
65 100

67 55.5 0.0 110.6



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

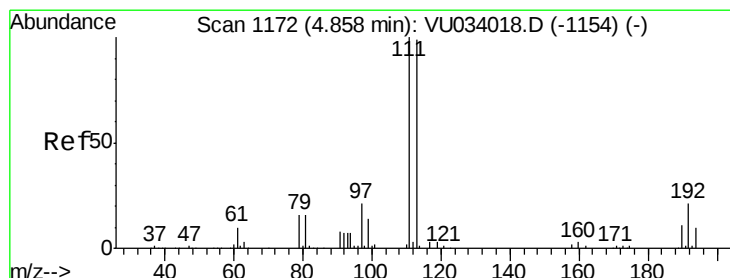
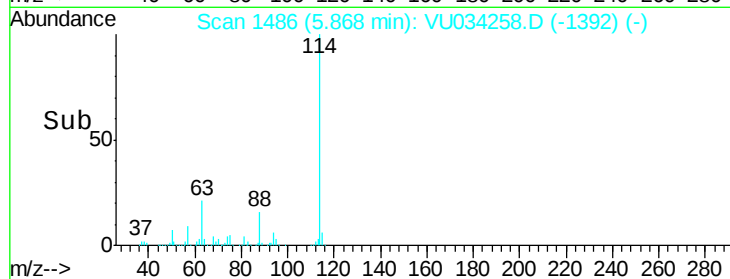
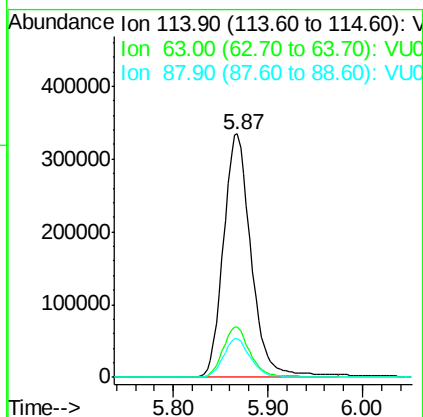
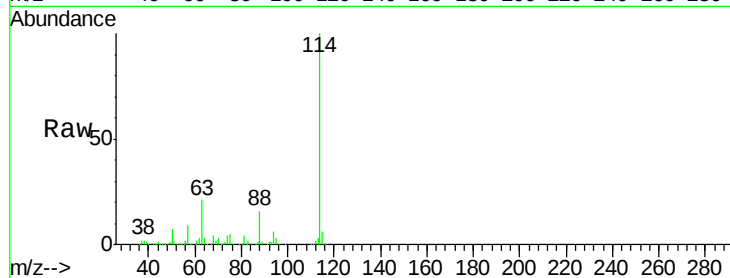




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.87 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VU034258.D
 Acq: 04 Sep 2019 15:21

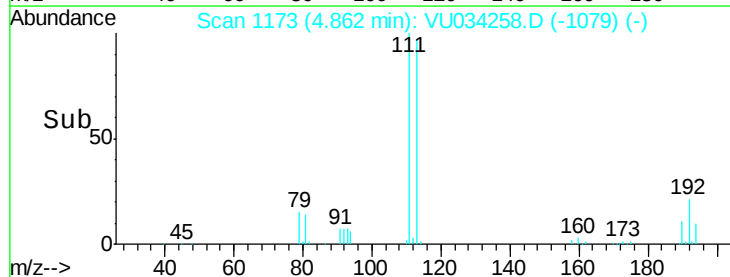
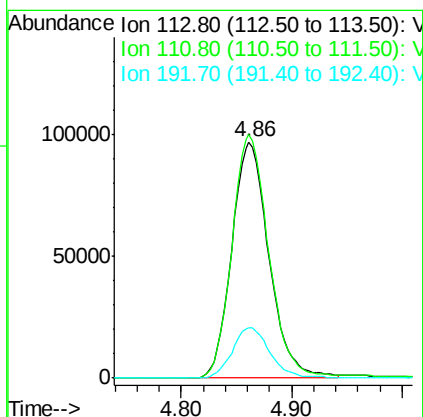
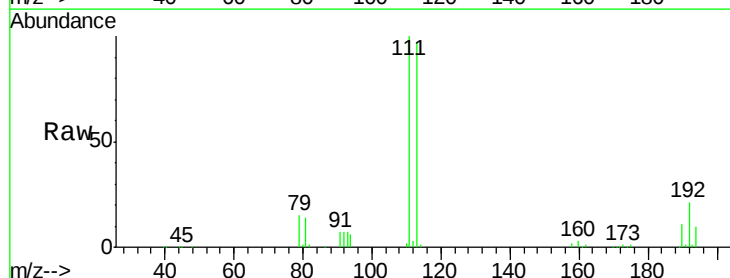
Instrument :
 MSVOA_U
 ClientSampleId :
 T3-S-F(0)

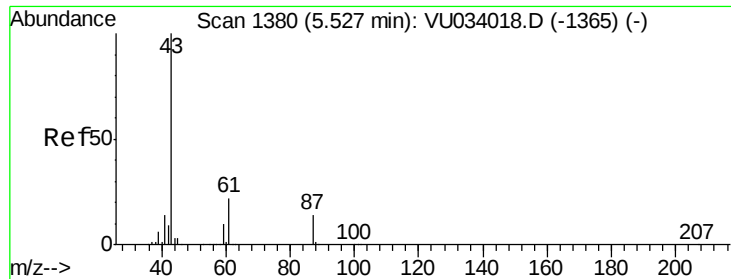
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	42.0
88	16.1	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 47.783 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034258.D
 Acq: 04 Sep 2019 15:21

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.7	122.5
192	21.6	17.1	25.7





#43

Isopropyl Acetate

Concen: 4.443 ug/l

RT: 5.53 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VU034258.D

Acq: 04 Sep 2019 15:21

Instrument :

MSVOA_U

ClientSampled :

T3-S-F(0)

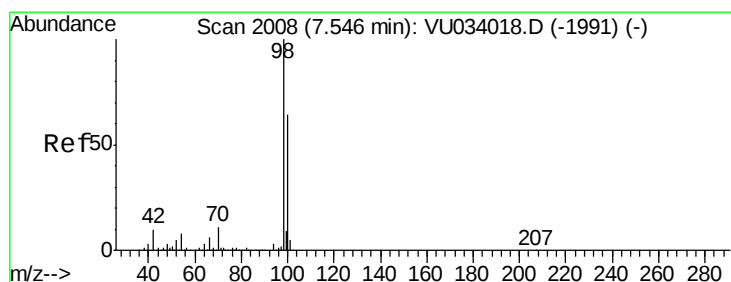
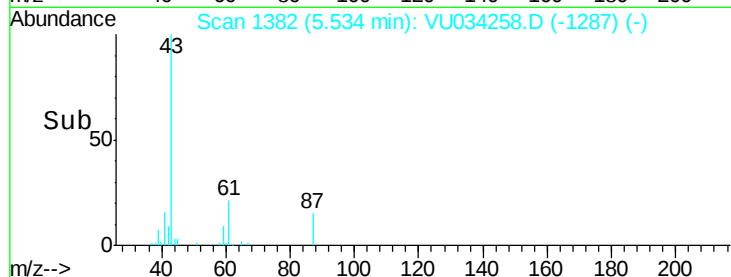
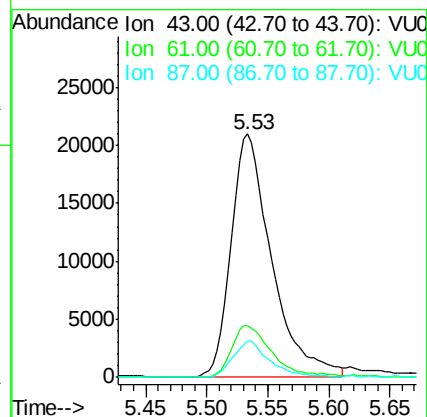
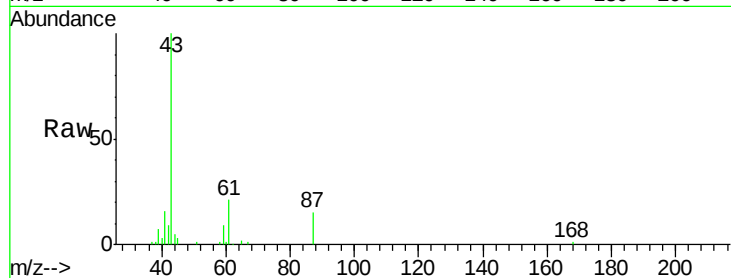
Tot Ion: 43 Resp: 48867

Ion Ratio Lower Upper

43 100

61 21.0 17.2 25.8

87 13.4 10.8 16.2



#50

Toluene-d8

Concen: 50.505 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU034258.D

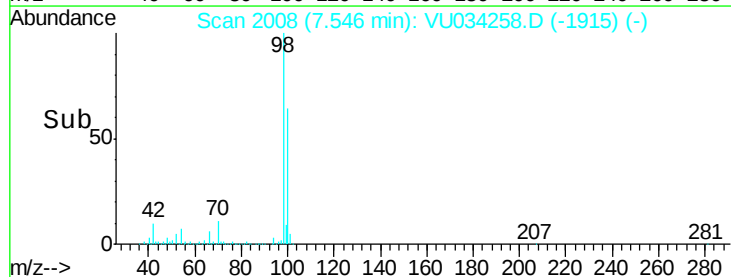
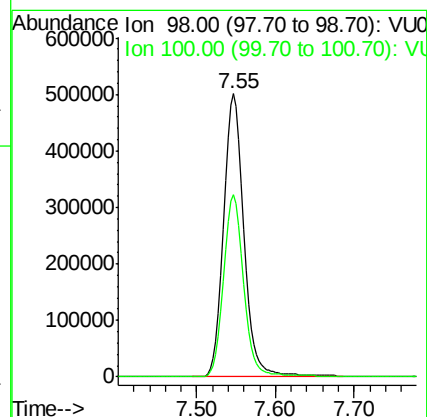
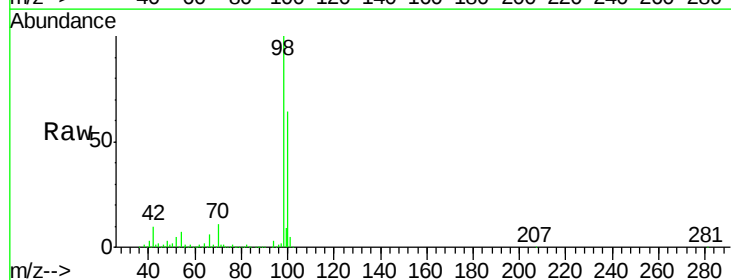
Acq: 04 Sep 2019 15:21

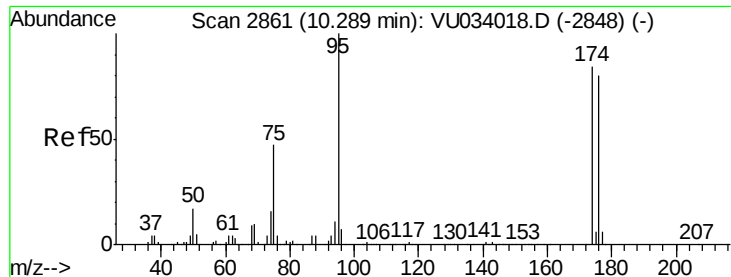
Tgt Ion: 98 Resp: 895335

Ion Ratio Lower Upper

98 100

100 64.1 50.3 75.5

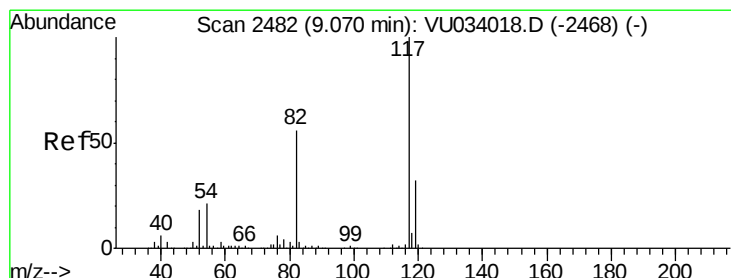
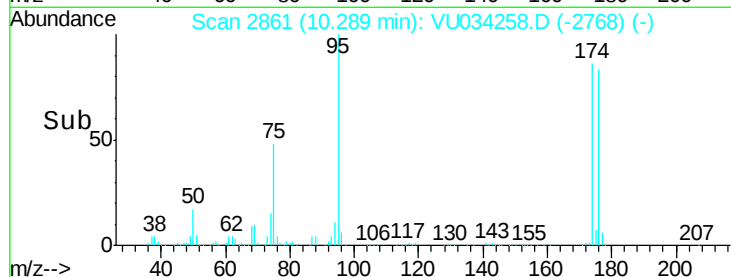
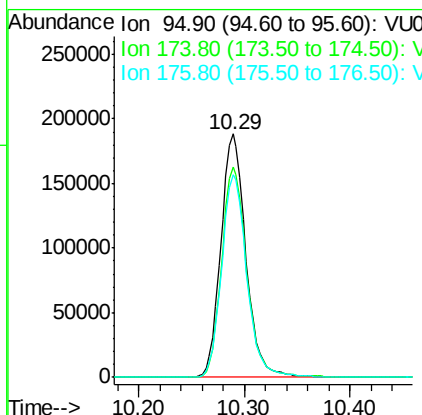
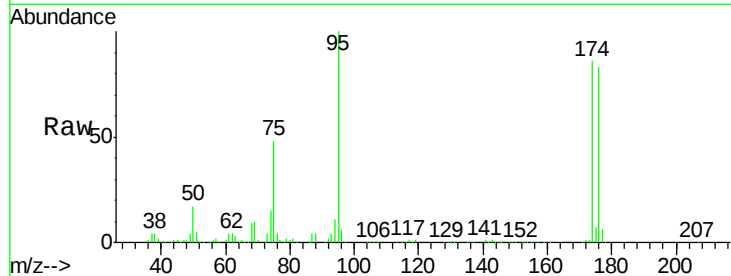




#62
4-Bromofluorobenzene
Concen: 44.888 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. 0.00 min
Lab File: VU034258.D
Acq: 04 Sep 2019 15:21

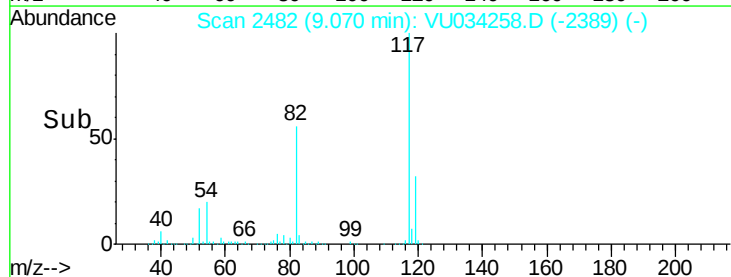
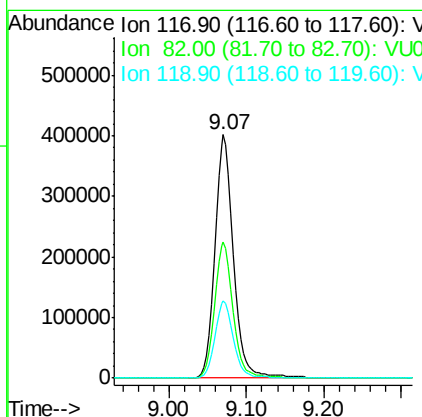
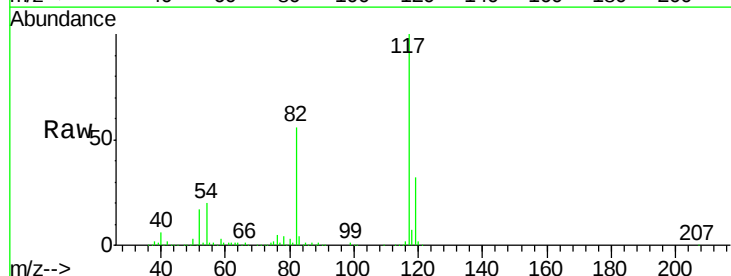
Instrument :
MSVOA_U
ClientSampleId :
T3-S-F(0)

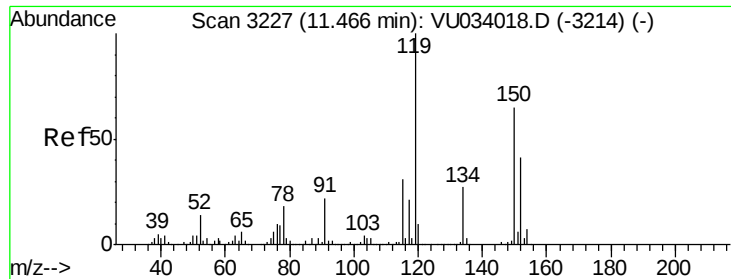
Tot Ion	Ratio	Lower	Upper
95	100		
174	86.8	0.0	168.8
176	83.4	0.0	161.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034258.D
Acq: 04 Sep 2019 15:21

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.1	45.1	67.7
119	31.9	25.4	38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.46 min Scan# 3226

Delta R.T. -0.00 min

Lab File: VU034258.D

Acq: 04 Sep 2019 15:21

Instrument :

MSVOA_U

ClientSampleId :

T3-S-F(0)

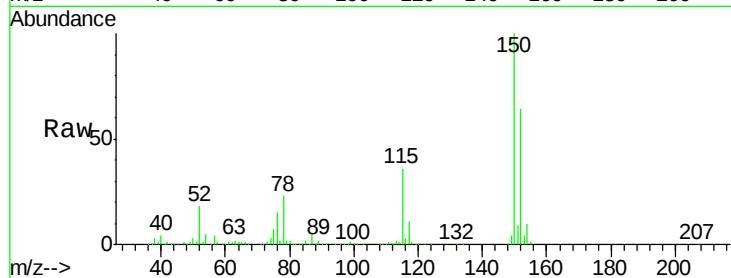
Tot Ion:152 Resp: 335447

Ion Ratio Lower Upper

152 100

115 56.5 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

