

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090619\
 Data File : VU034287.D
 Acq On : 05 Sep 2019 16:41
 Operator : JC/SP
 Sample : K4683-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 20190667-FIELD-BLANK

Quant Time: Sep 06 08:10:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 05:10:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	437750	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	690808	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	656135	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	329805	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.29	65	280349	42.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.66%	
35) Dibromofluoromethane	4.86	113	241543	37.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.16%	
50) Toluene-d8	7.55	98	939878	38.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.84%	
62) 4-Bromofluorobenzene	10.29	95	334761	35.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.80%	

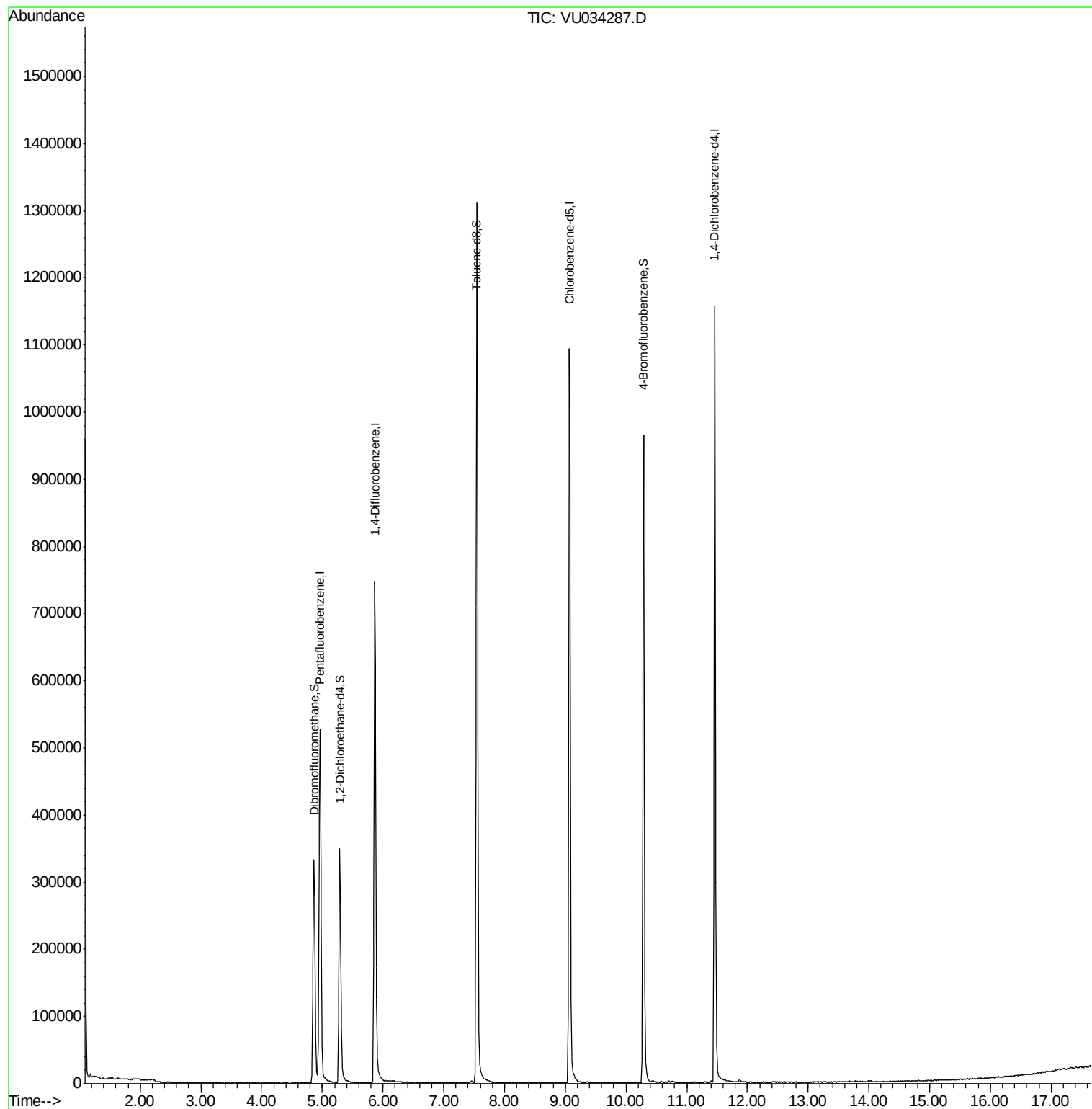
Target Compounds	Qvalue
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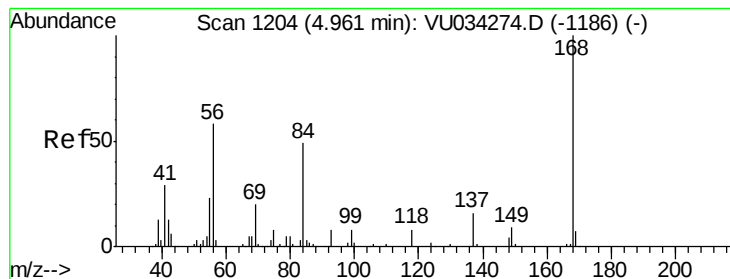
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU034287.D

Acq: 05 Sep 2019 16:41

Instrument :

MSVOA_U

ClientSampleId :

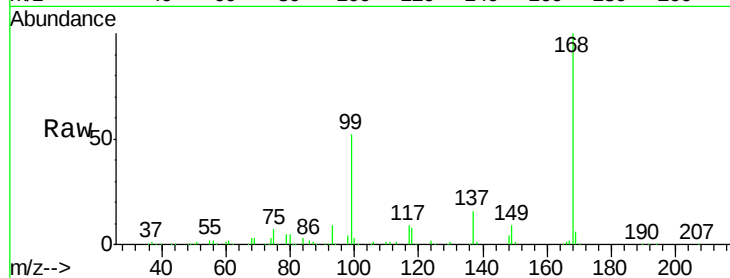
20190667-FIELD-BLANK

Tot Ion:168 Resp: 437750

Ion Ratio Lower Upper

168 100

99 51.9 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034287.D (-1111) (-)

Ion 98.90 (98.60 to 99.60): VU034287.D (-1111) (-)

4.96

200000

150000

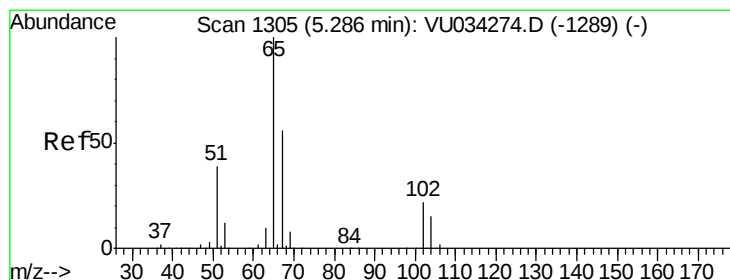
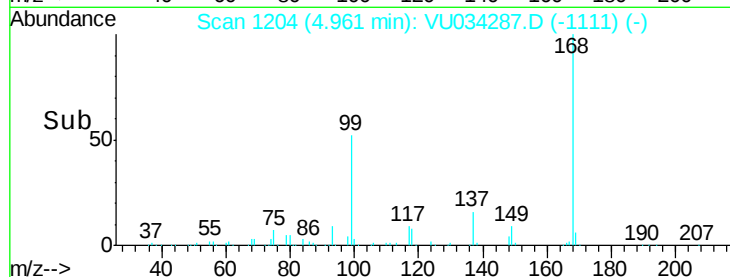
100000

50000

0

4.90 5.00 5.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 42.328 ug/l

RT: 5.29 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU034287.D

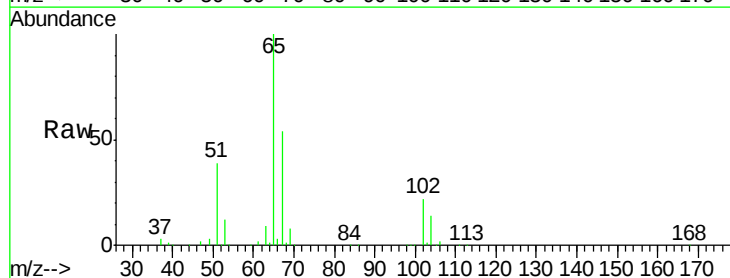
Acq: 05 Sep 2019 16:41

Tgt Ion: 65 Resp: 280349

Ion Ratio Lower Upper

65 100

67 54.6 0.0 112.4



Abundance Ion 64.90 (64.60 to 65.60): VU034287.D (-1212) (-)

Ion 66.90 (66.60 to 67.60): VU034287.D (-1212) (-)

5.29

150000

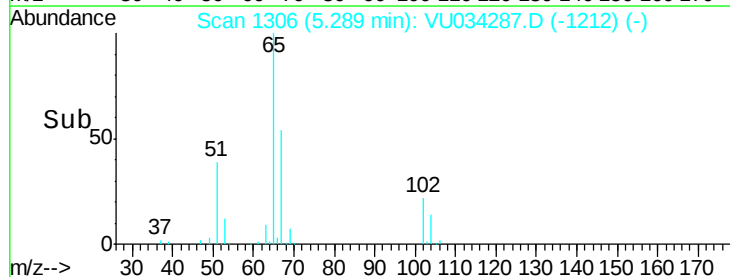
100000

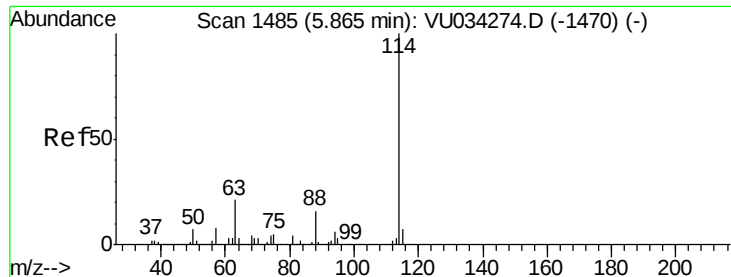
50000

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: VU034287.D

Acq: 05 Sep 2019 16:41

Instrument :

MSVOA_U

ClientSampleId :

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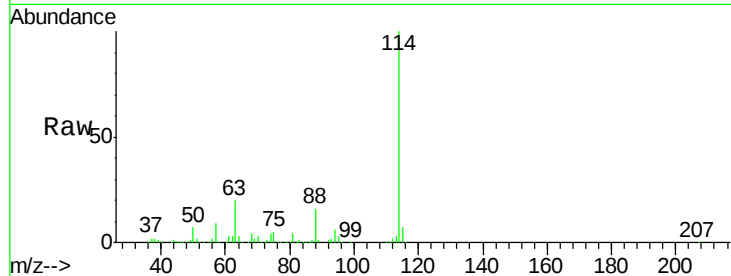
Tot Ion:114 Resp: 690808

Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.4

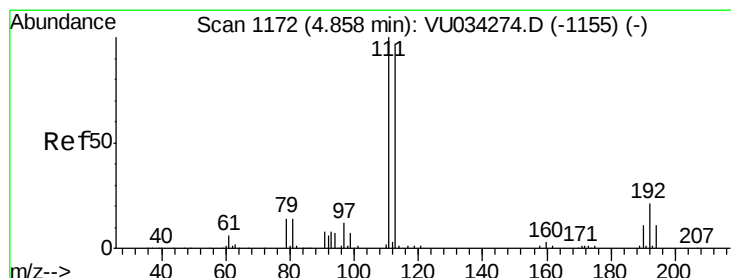
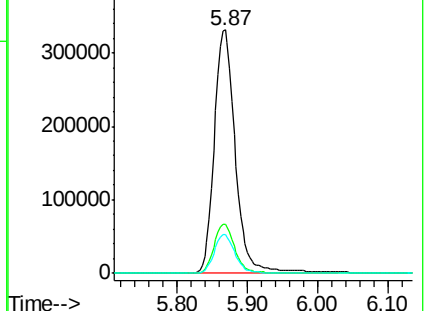
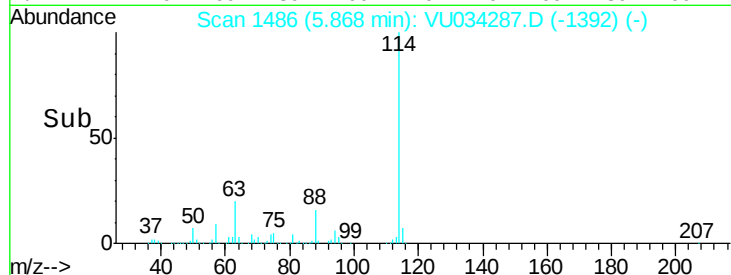
88 15.9 0.0 32.4



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: 37.577 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034287.D

Acq: 05 Sep 2019 16:41

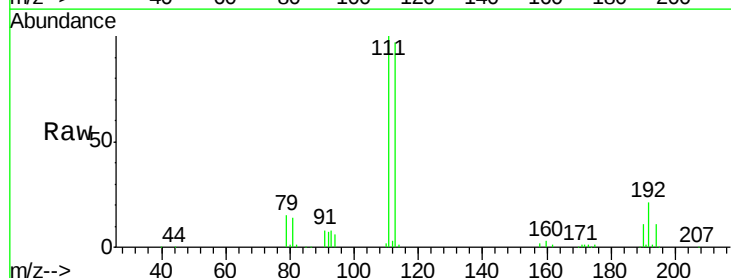
Tgt Ion:113 Resp: 241543

Ion Ratio Lower Upper

113 100

111 101.8 81.5 122.3

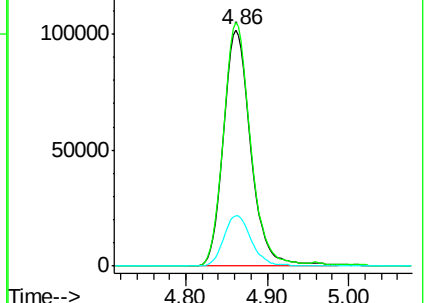
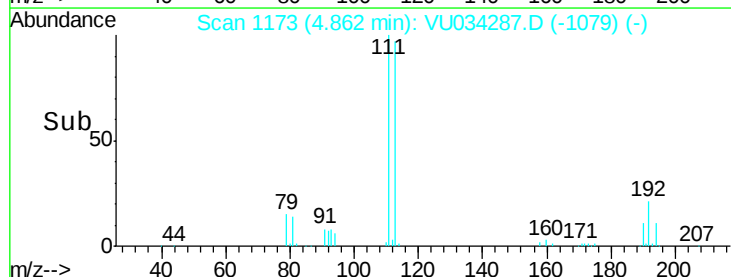
192 21.7 17.8 26.8

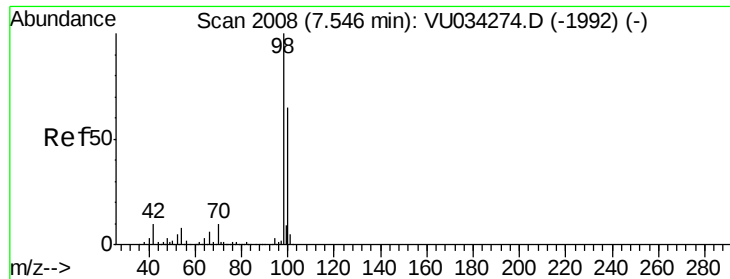


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 38.918 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. -0.00 min

Lab File: VU034287.D

Acq: 05 Sep 2019 16:41

Instrument :

MSVOA_U

ClientSampleId :

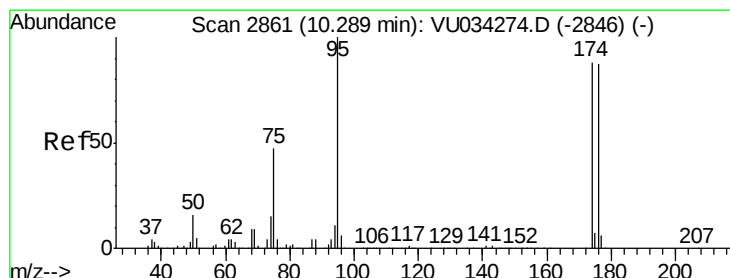
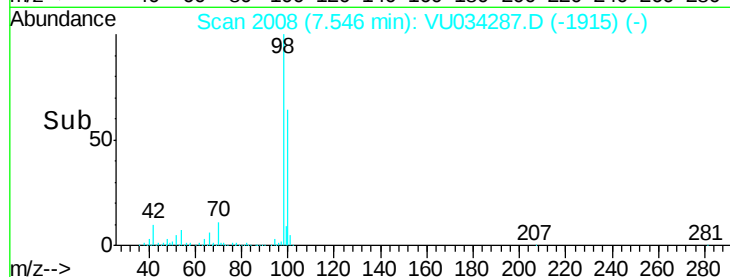
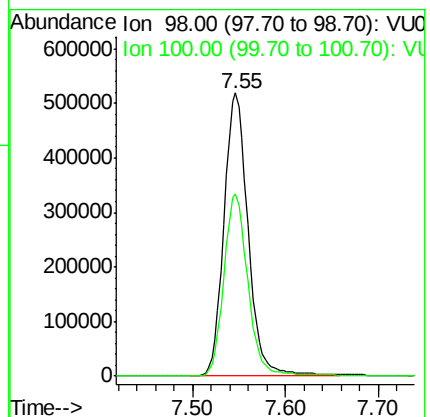
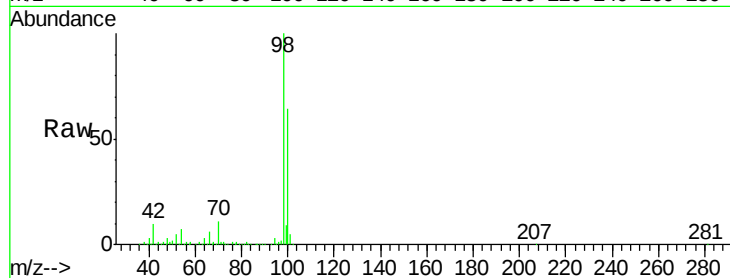
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Tot Ion: 98 Resp: 939878

Ion Ratio Lower Upper

98 100

100 64.2 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 35.902 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. -0.00 min

Lab File: VU034287.D

Acq: 05 Sep 2019 16:41

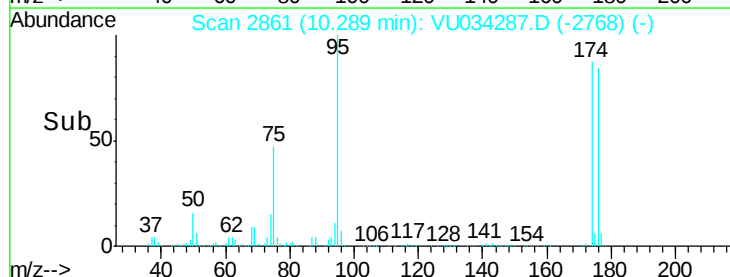
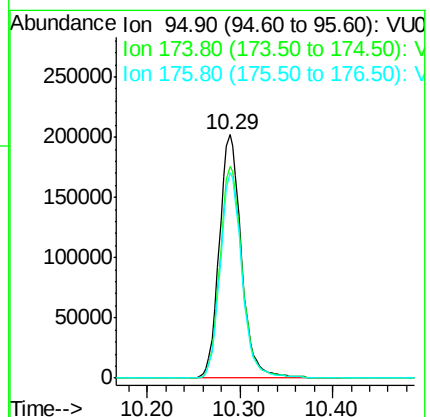
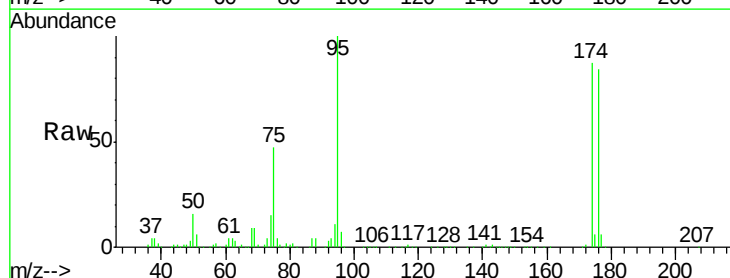
Tgt Ion: 95 Resp: 334761

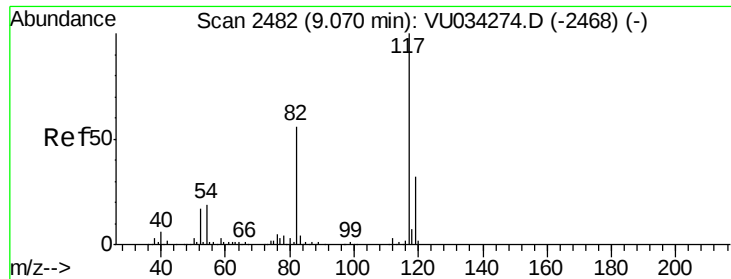
Ion Ratio Lower Upper

95 100

174 87.4 0.0 175.2

176 83.1 0.0 168.0

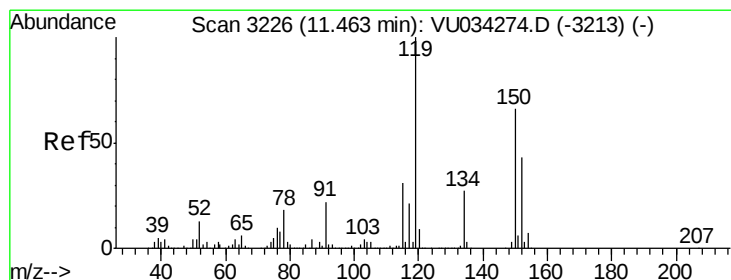
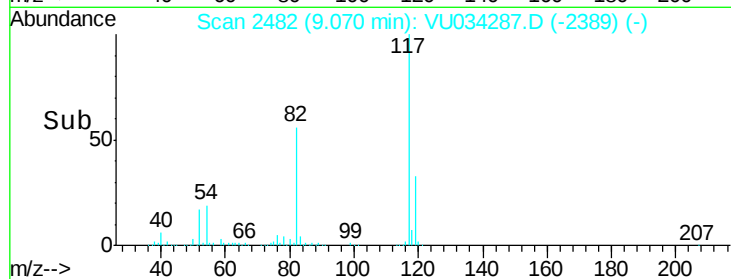
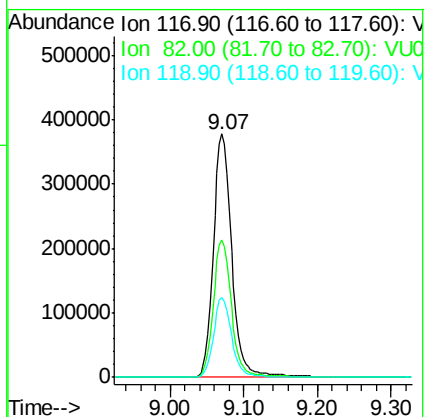
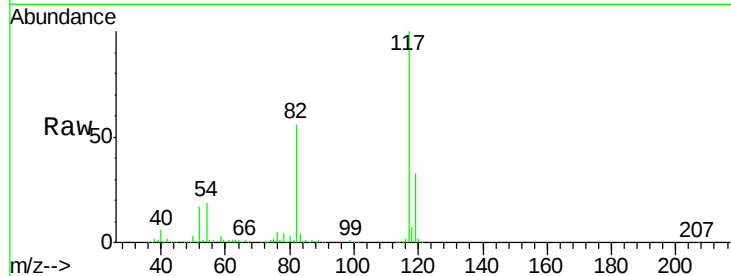




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. -0.00 min
Lab File: VU034287.D
Acq: 05 Sep 2019 16:41

Instrument :
MSVOA_U
ClientSampleId :
20190667-FIELD-BLANK

Tot Ion:117 Resp: 656135
Ion Ratio Lower Upper
117 100
82 56.3 44.6 67.0
119 33.0 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.46 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VU034287.D
Acq: 05 Sep 2019 16:41

Tgt Ion:152 Resp: 329805
Ion Ratio Lower Upper
152 100
115 56.7 39.1 117.3
150 157.6 0.0 345.4

