

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090719\
 Data File : VU034361.D
 Acq On : 07 Sep 2019 03:46
 Operator : JC/SP
 Sample : K4725-12
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 S13-0270

Quant Time: Sep 07 05:55:19 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

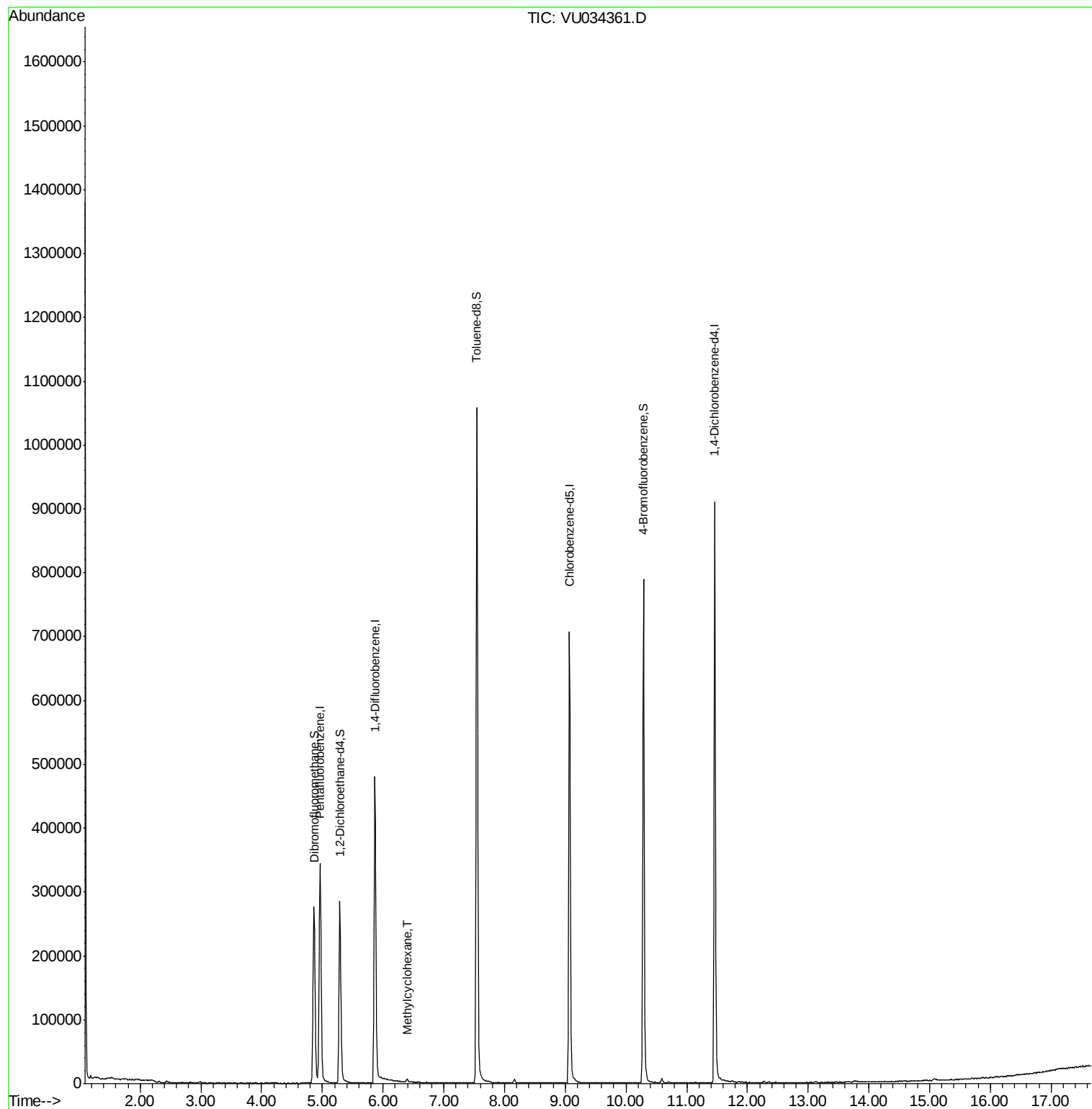
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	293293	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	438580	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	433859	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	264625	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	222802	50.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.42%	
35) Dibromofluoromethane	4.86	113	202691	49.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.34%	
50) Toluene-d8	7.55	98	750681	48.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.92%	
62) 4-Bromofluorobenzene	10.29	95	278111	46.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.96%	
Target Compounds						
39) Methylcyclohexane	6.39	83	2174	0.428	ug/l	Qvalue 88

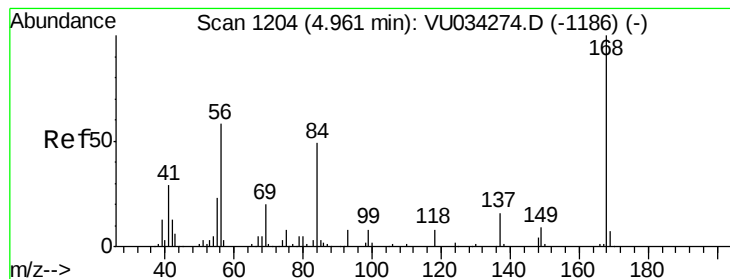
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1205

Delta R.T. 0.00 min

Lab File: VU034361.D

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MSVOA_U

ClientSampleId :

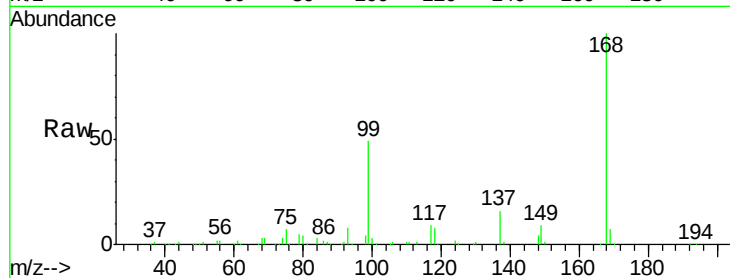
S13-0270

Tot Ion:168 Resp: 293293

Ion Ratio Lower Upper

168 100

99 49.5 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034361.D (-1111) (-)

Ion 98.90 (98.60 to 99.60): VU034361.D (-1111) (-)

4.96

150000

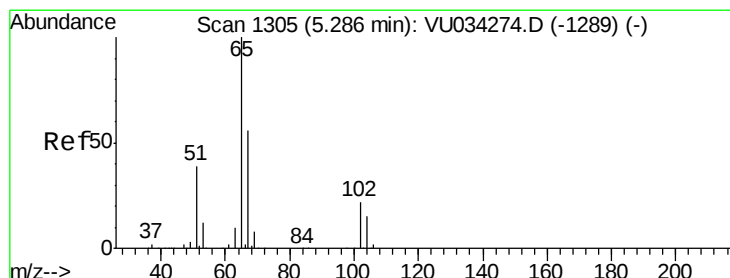
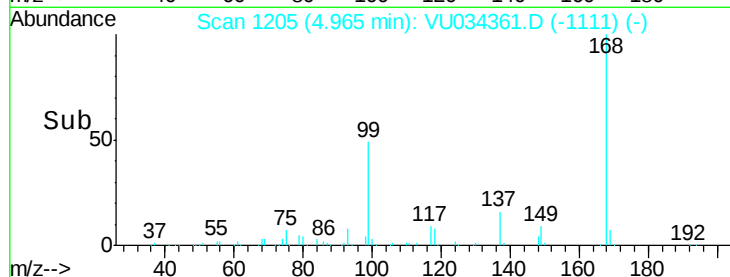
100000

50000

0

Time-->

4.90 5.00



#33

1,2-Dichloroethane-d4

Concen: 50.208 ug/l

RT: 5.29 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU034361.D

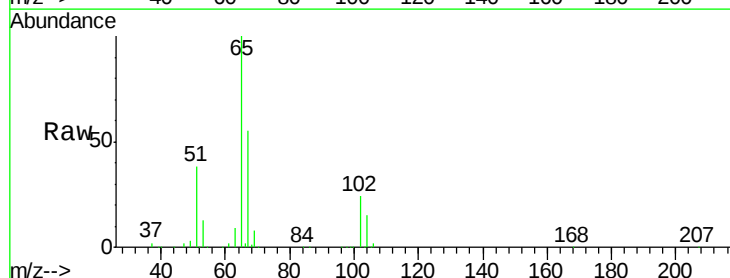
Acq: 07 Sep 2019 03:46

Tgt Ion: 65 Resp: 222802

Ion Ratio Lower Upper

65 100

67 55.6 0.0 112.4



Abundance Ion 64.90 (64.60 to 65.60): VU034361.D (-1212) (-)

Ion 66.90 (66.60 to 67.60): VU034361.D (-1212) (-)

5.29

120000

100000

80000

60000

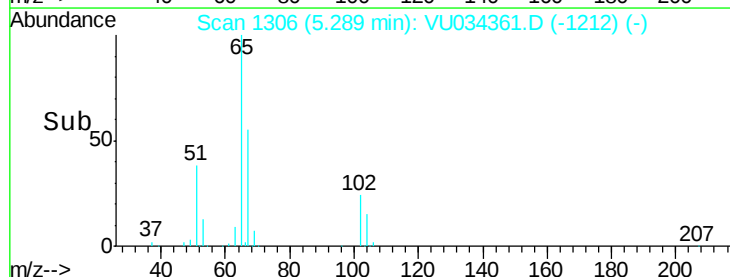
40000

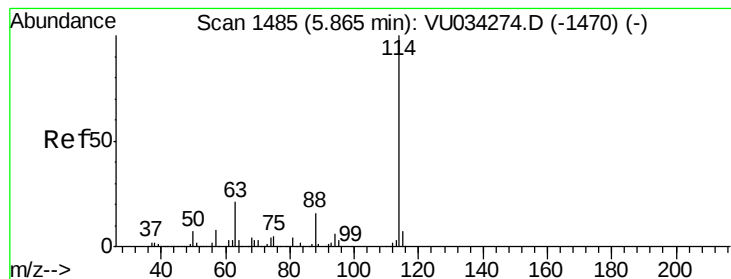
20000

0

Time-->

5.20 5.30 5.40





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.87 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VU034361.D

Acq: 07 Sep 2019 03:46

Instrument :

MSVOA_U

ClientSampleId :

S13-0270

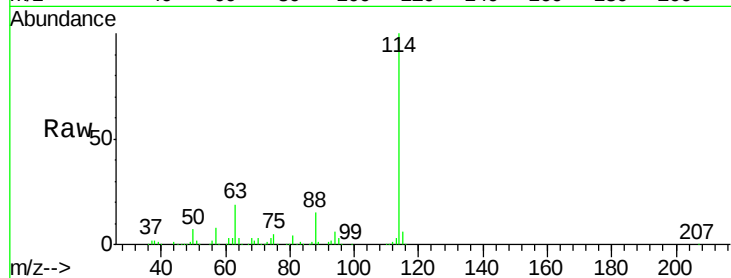
Tot Ion:114 Resp: 438580

Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.4

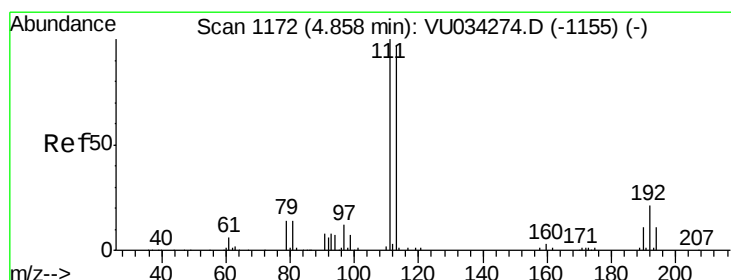
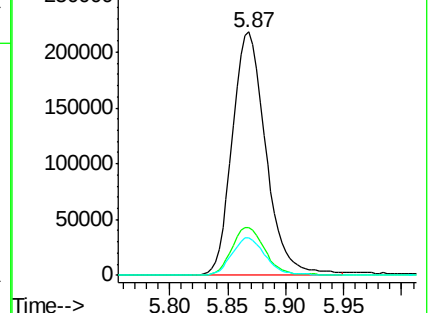
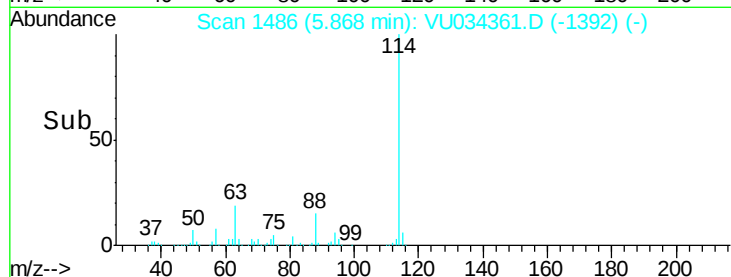
88 15.4 0.0 32.4



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: 49.667 ug/l

RT: 4.86 min Scan# 1174

Delta R.T. 0.01 min

Lab File: VU034361.D

Acq: 07 Sep 2019 03:46

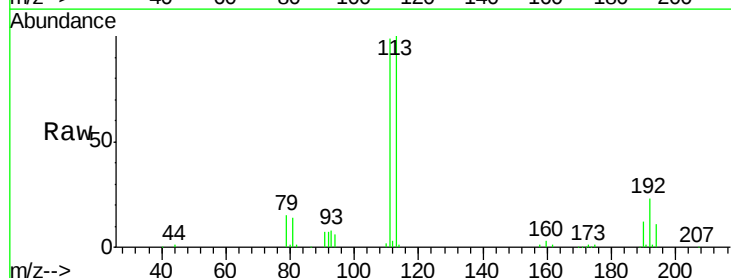
Tgt Ion:113 Resp: 202691

Ion Ratio Lower Upper

113 100

111 101.2 81.5 122.3

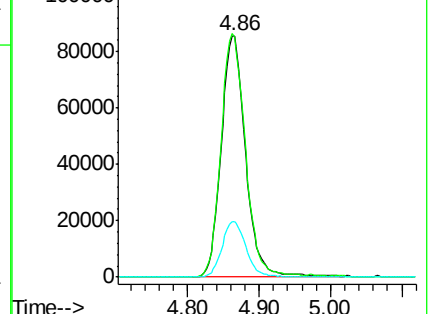
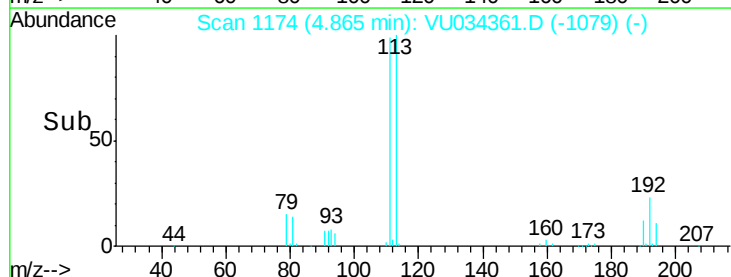
192 22.7 17.8 26.8

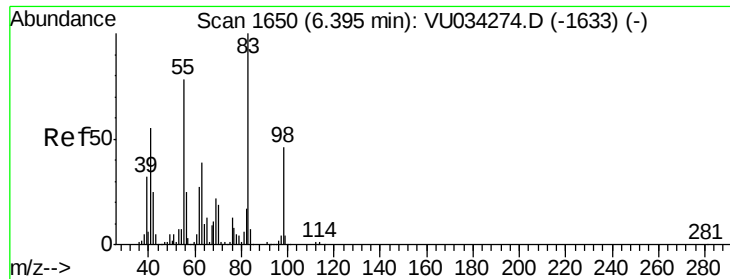


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

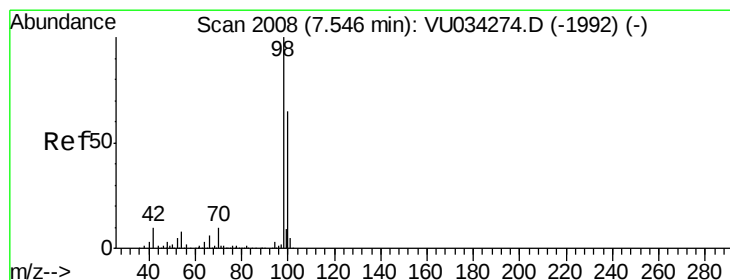
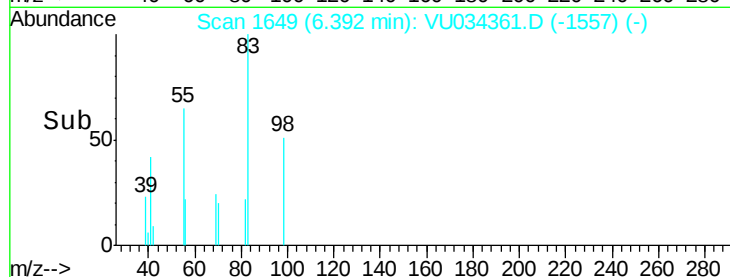
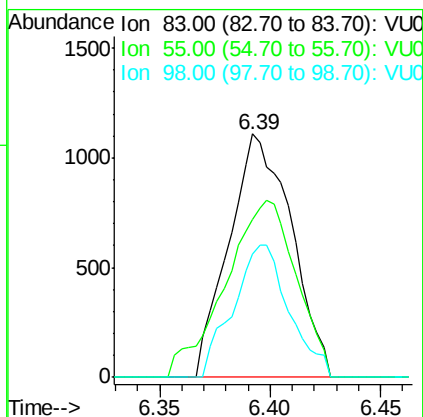
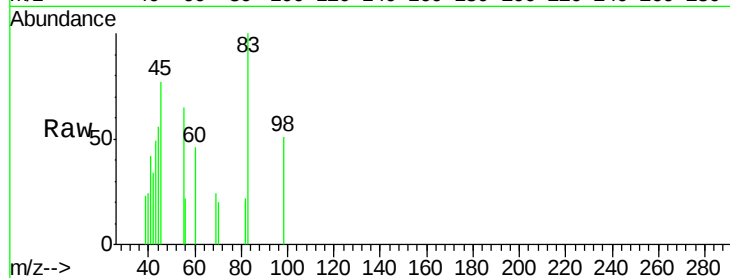




#39
Methvlcvclohexane
Concen: 0.428 ug/l
RT: 6.39 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VU034361.D
Acq: 07 Sep 2019 03:46

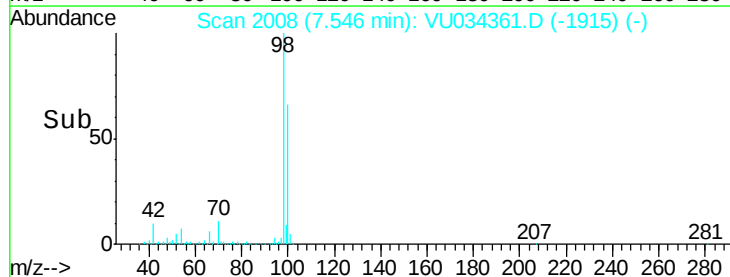
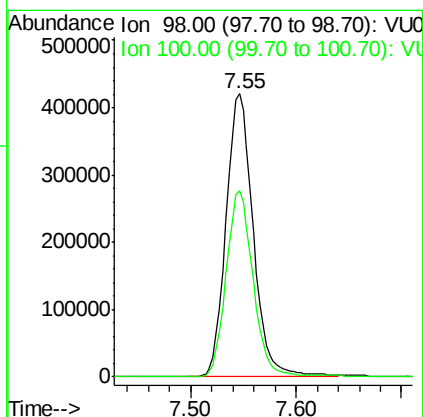
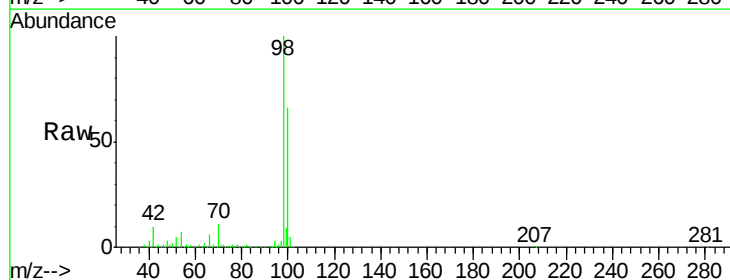
Instrument :
MSVOA_U
ClientSampleId :
S13-0270

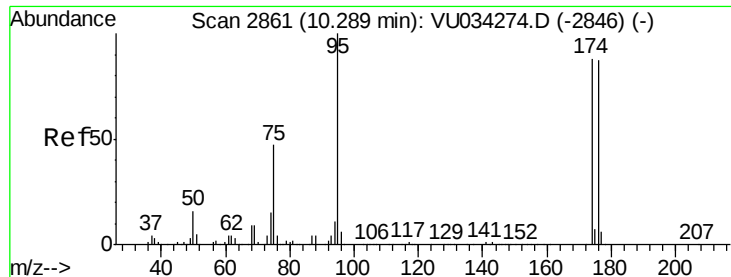
Tot Ion: 83 Resp: 2174
Ion Ratio Lower Upper
83 100
55 64.7 62.1 93.1
98 50.9 37.0 55.6



#50
Toluene-d8
Concen: 48.960 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VU034361.D
Acq: 07 Sep 2019 03:46

Tgt Ion: 98 Resp: 750681
Ion Ratio Lower Upper
98 100
100 65.6 51.7 77.5

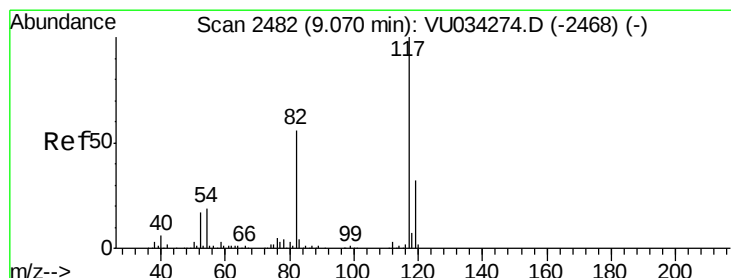
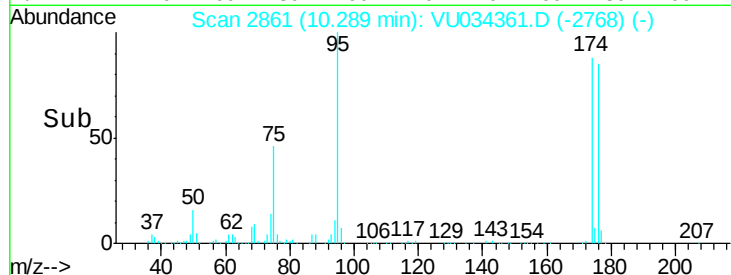
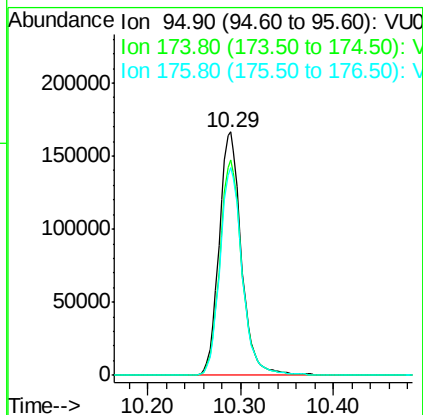
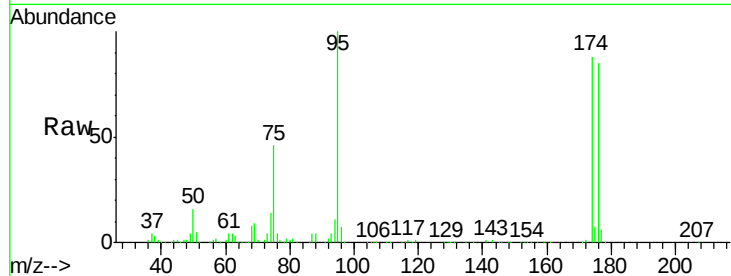




#62
4-Bromofluorobenzene
Concen: 46.980 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. 0.00 min
Lab File: VU034361.D
Acq: 07 Sep 2019 03:46

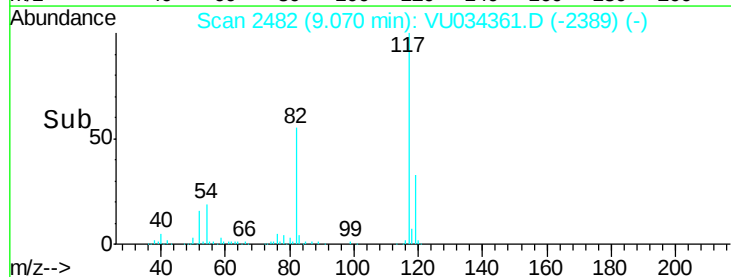
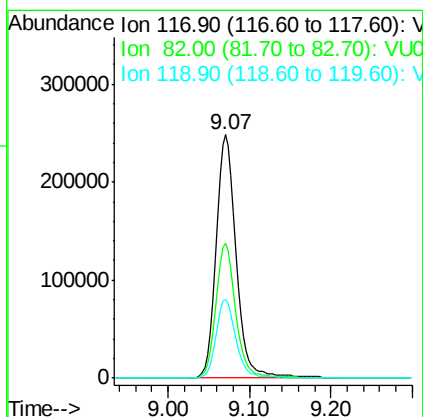
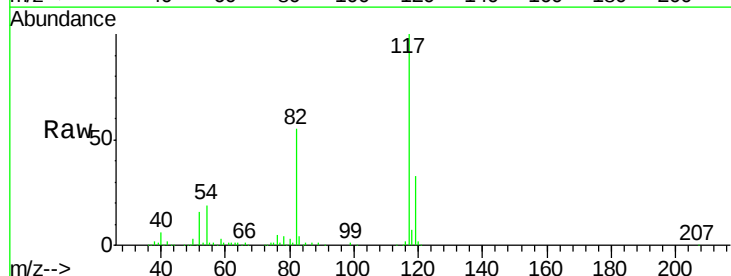
Instrument :
MSVOA_U
ClientSampleId :
S13-0270

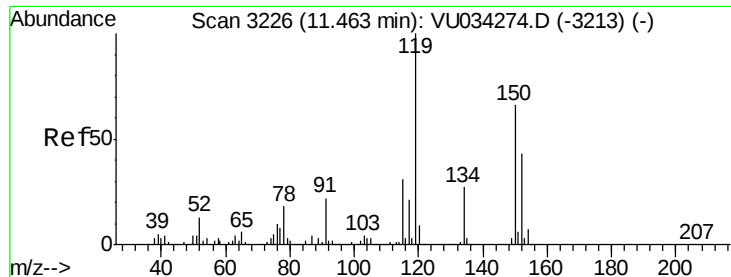
Tot Ion: 95 Resp: 278111
Ion Ratio Lower Upper
95 100
174 87.8 0.0 175.2
176 85.6 0.0 168.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034361.D
Acq: 07 Sep 2019 03:46

Tgt Ion: 117 Resp: 433859
Ion Ratio Lower Upper
117 100
82 55.5 44.6 67.0
119 32.5 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: VU034361.D

Acq: 07 Sep 2019 03:46

Instrument :

MSVOA_U

ClientSampleId :

S13-0270

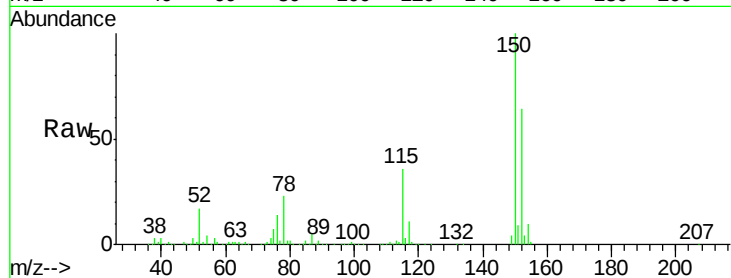
Tot Ion:152 Resp: 264625

Ion Ratio Lower Upper

152 100

115 55.6 39.1 117.3

150 156.4 0.0 345.4



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

