

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091019\
 Data File : VU034439.D
 Acq On : 10 Sep 2019 10:33
 Operator : JC/SP
 Sample : K4756-26
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CPA-TB1-M27W1-082819

Quant Time: Sep 11 06:26:18 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	225577	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	325772	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	335592	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	192114	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	195500	57.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.56%	
35) Dibromofluoromethane	4.86	113	174769	57.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.30%	
50) Toluene-d8	7.55	98	603123	52.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.92%	
62) 4-Bromofluorobenzene	10.29	95	206605	46.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.98%	

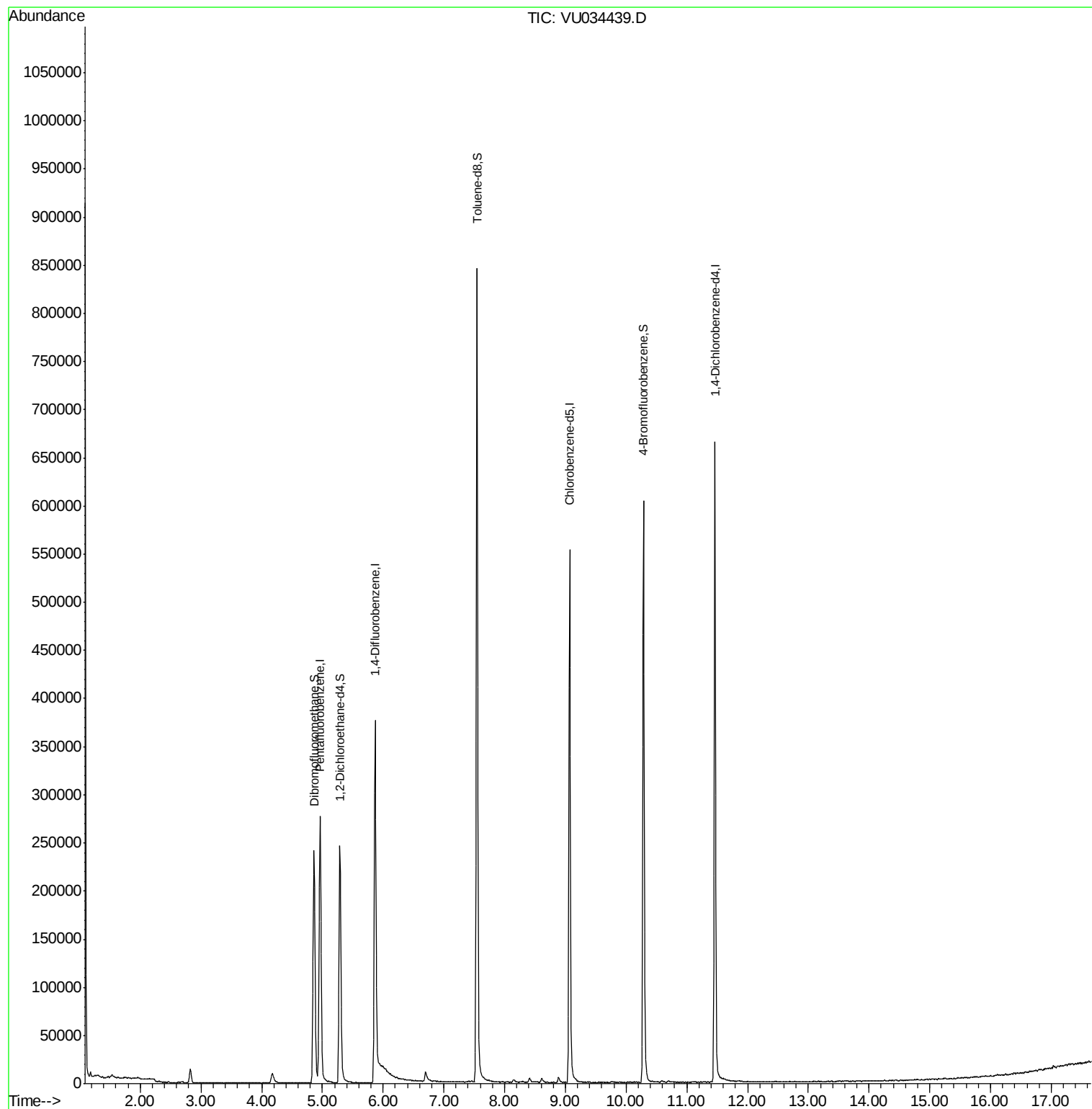
Target Compounds	Qvalue
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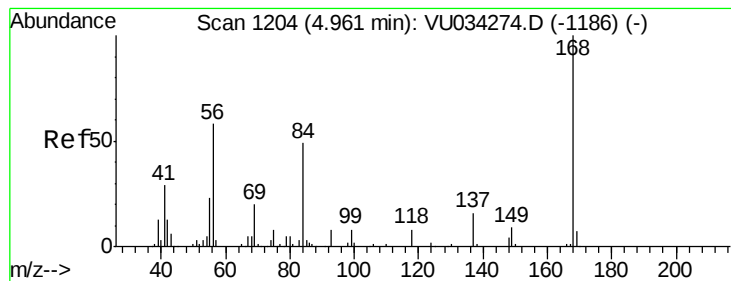
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1205

Delta R.T. 0.00 min

Lab File: VU034439.D

Acq: 10 Sep 2019 10:33

Instrument :

MSVOA_U

ClientSampleId :

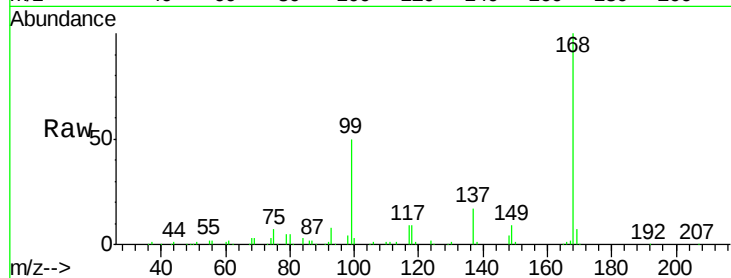
CPA-TB1-M27W1-082819

Tot Ion:168 Resp: 225577

Ion Ratio Lower Upper

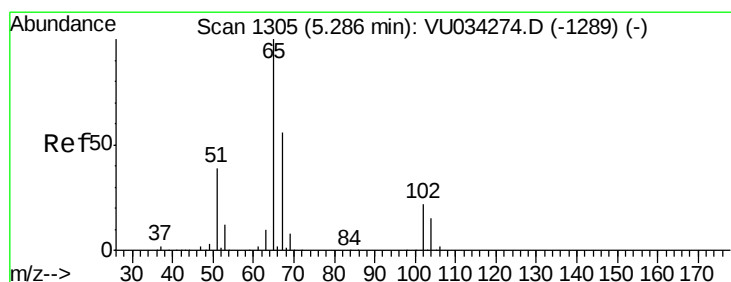
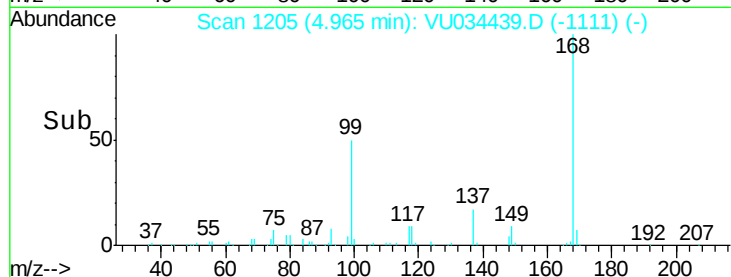
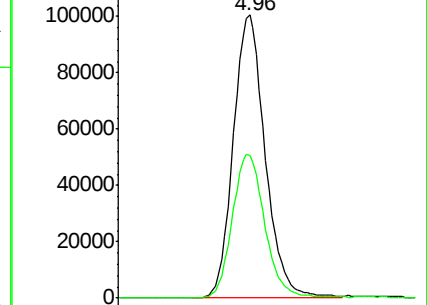
168 100

99 50.3 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034439.D (-1111) (-)

Ion 98.90 (98.60 to 99.60): VU034439.D (-1111) (-)



#33

1,2-Dichloroethane-d4

Concen: 57.280 ug/l

RT: 5.29 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU034439.D

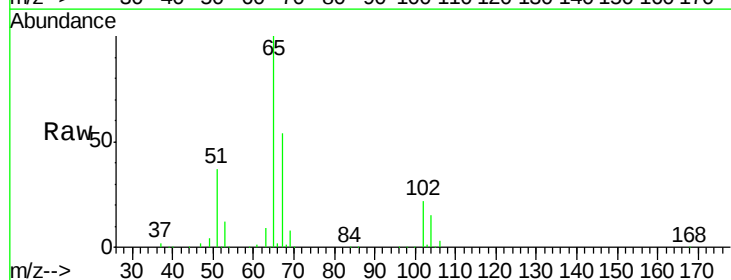
Acq: 10 Sep 2019 10:33

Tgt Ion: 65 Resp: 195500

Ion Ratio Lower Upper

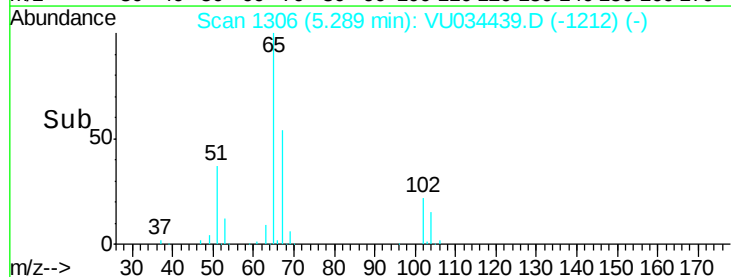
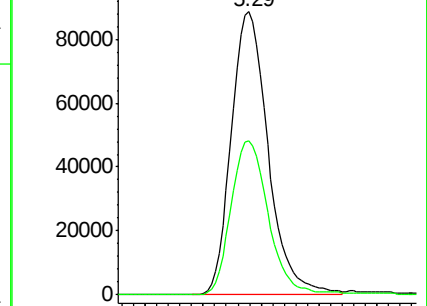
65 100

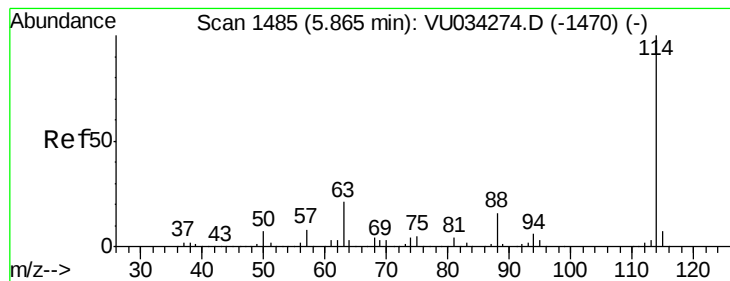
67 55.2 0.0 112.4



Abundance Ion 64.90 (64.60 to 65.60): VU034439.D (-1212) (-)

Ion 66.90 (66.60 to 67.60): VU034439.D (-1212) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.87 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VU034439.D

Acq: 10 Sep 2019 10:33

Instrument :

MSVOA_U

ClientSampleId :

CPA-TB1-M27W1-082819

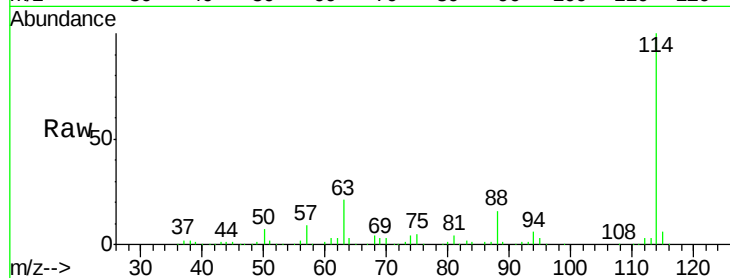
Tot Ion:114 Resp: 325772

Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.4

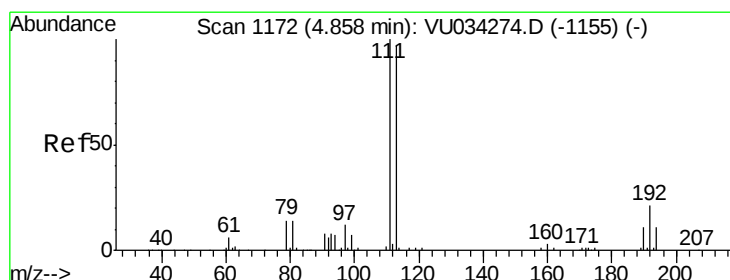
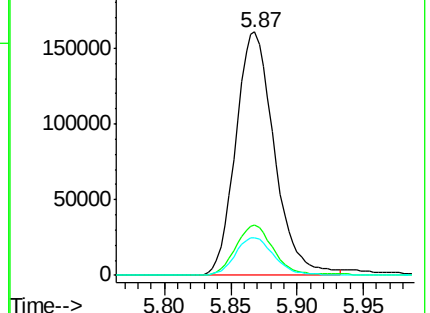
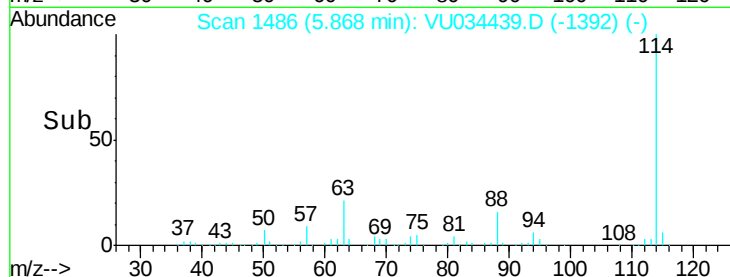
88 15.6 0.0 32.4



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: 57.654 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034439.D

Acq: 10 Sep 2019 10:33

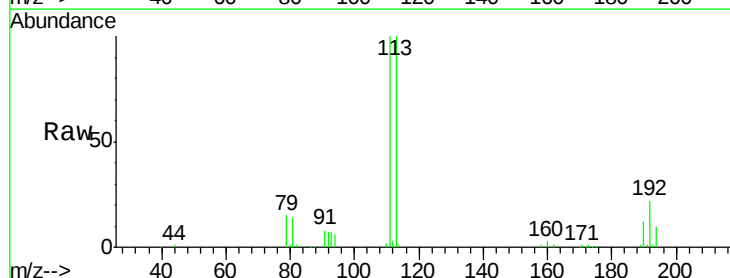
Tgt Ion:113 Resp: 174769

Ion Ratio Lower Upper

113 100

111 102.3 81.5 122.3

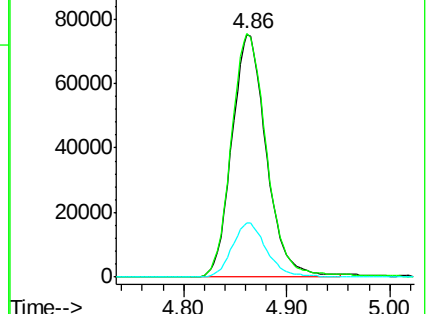
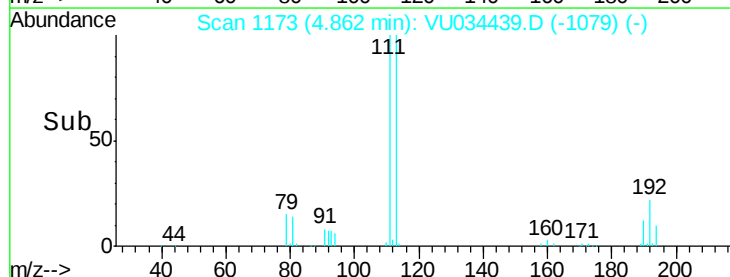
192 22.4 17.8 26.8

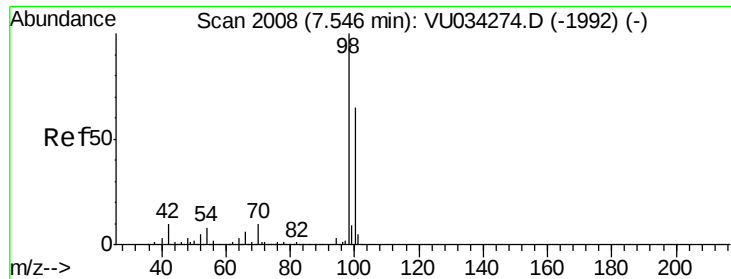


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

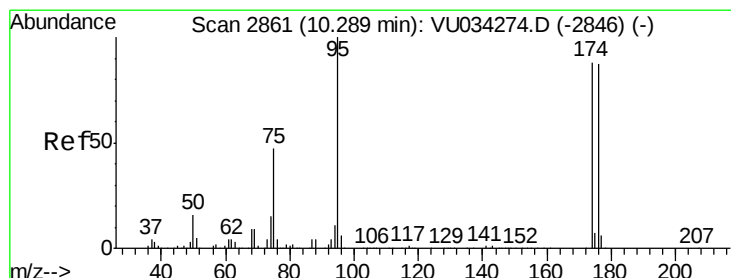
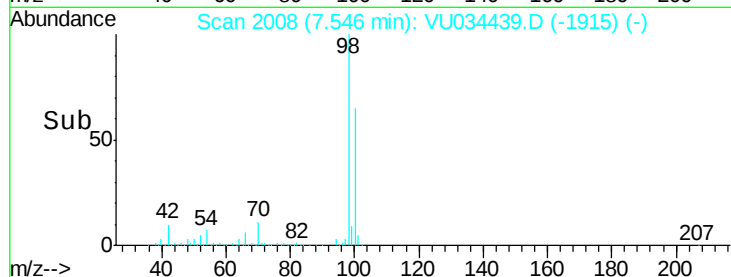
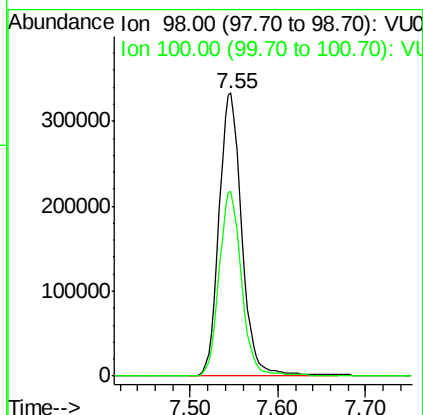
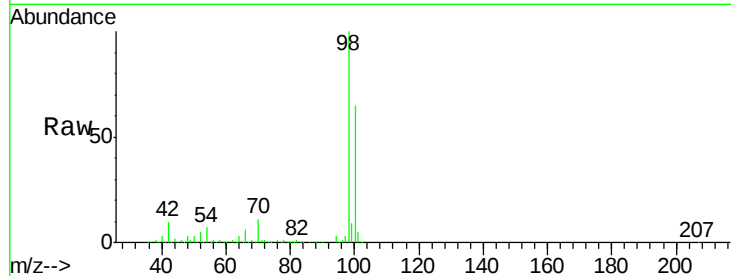




#50
Toluene-d8
Concen: 52.958 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VU034439.D
Acq: 10 Sep 2019 10:33

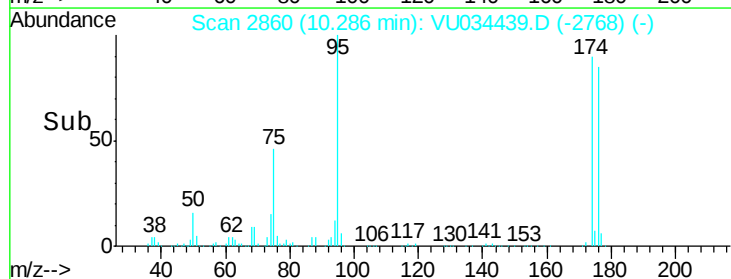
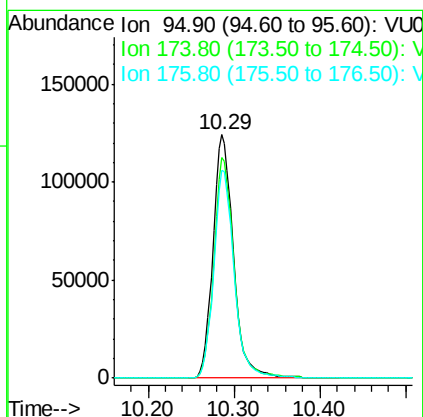
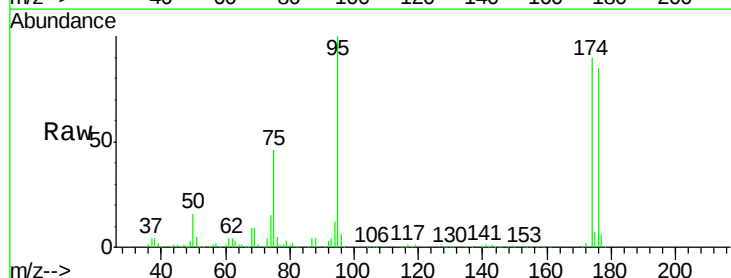
Instrument :
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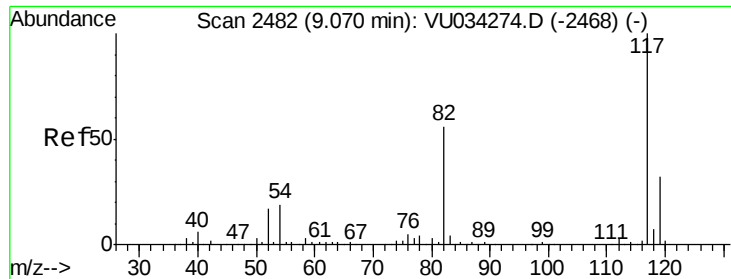
Tot Ion: 98 Resp: 603123
Ion Ratio Lower Upper
98 100
100 64.2 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 46.986 ug/l
RT: 10.29 min Scan# 2860
Delta R.T. -0.00 min
Lab File: VU034439.D
Acq: 10 Sep 2019 10:33

Tgt Ion: 95 Resp: 206605
Ion Ratio Lower Upper
95 100
174 89.8 0.0 175.2
176 85.0 0.0 168.0

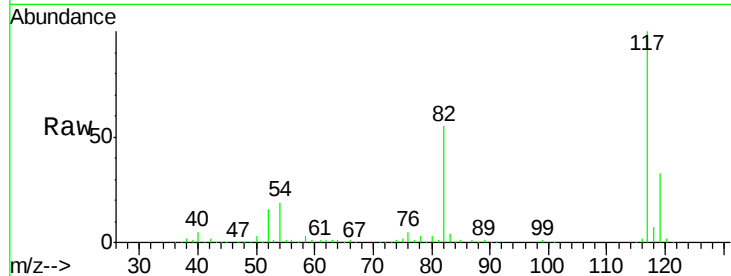




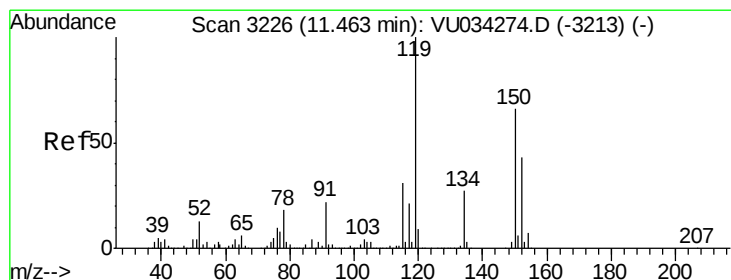
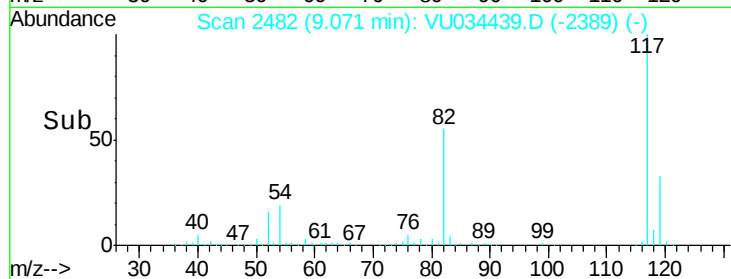
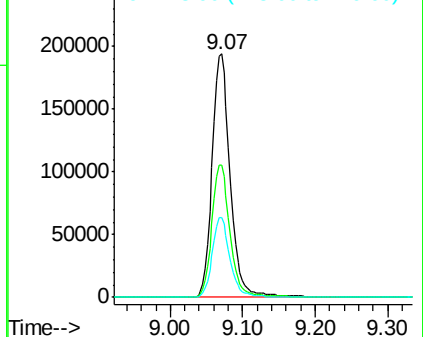
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034439.D
Acq: 10 Sep 2019 10:33

Instrument :
MSVOA_U
ClientSampleId :
CPA-TB1-M27W1-082819

Tot Ion:117 Resp: 335592
Ion Ratio Lower Upper
117 100
82 54.6 44.6 67.0
119 32.6 25.9 38.9

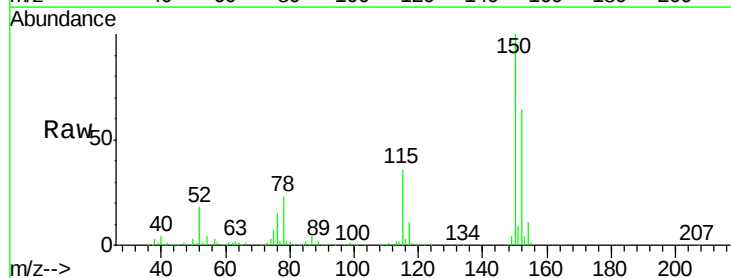


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.46 min Scan# 3226
Delta R.T. 0.00 min
Lab File: VU034439.D
Acq: 10 Sep 2019 10:33

Tgt Ion:152 Resp: 192114
Ion Ratio Lower Upper
152 100
115 55.5 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

