

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011519\
 Data File : VU029175.D
 Acq On : 15 Jan 2019 11:05
 Operator : JC/SP
 Sample : K1135-01ME
 Misc : 5.08g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CPSB-19(10-15)ME

Quant Time: Jan 16 05:40:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 12 01:33:59 2019
 Response via : Initial Calibration

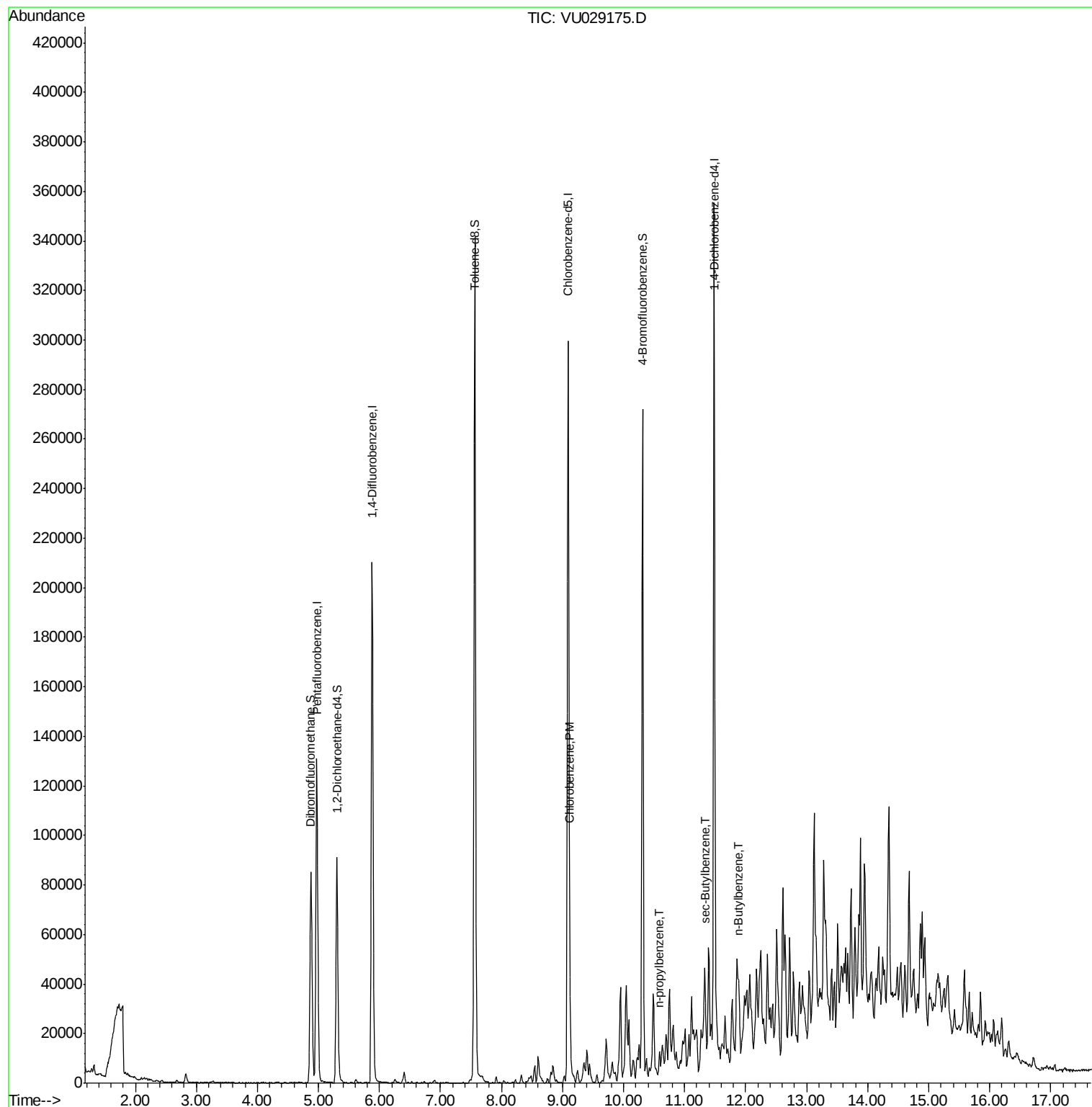
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.97	168	109339	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	193045	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	189818	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	90798	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.30	65	72726	53.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.62%	
35) Dibromofluoromethane	4.88	113	64684	51.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.38%	
50) Toluene-d8	7.56	98	245752	49.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.48%	
62) 4-Bromofluorobenzene	10.31	95	92864	52.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.60%	
Target Compounds						
65) Chlorobenzene	9.12	112	15854	3.726	ug/l	95
78) n-propylbenzene	10.59	91	7922	1.000	ug/l	98
85) sec-Butylbenzene	11.32	105	9565	1.430	ug/l	93
89) n-Butylbenzene	11.89	91	7794	1.532	ug/l	94

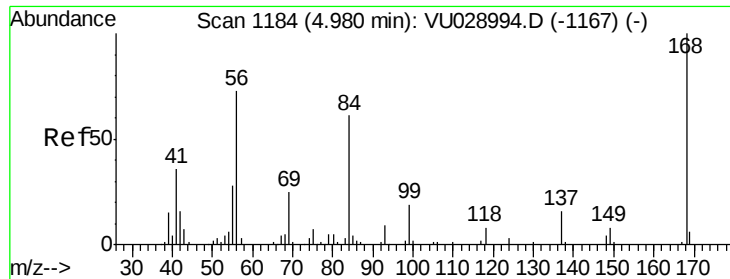
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jan 12 01:33:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.97 min Scan# 1182

Delta R.T. -0.01 min

Lab File: VU029175.D

Acq: 15 Jan 2019 11:05

Instrument :

MSVOA_U

ClientSampleId :

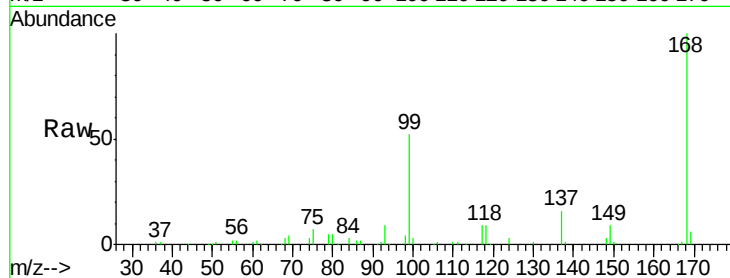
CPSB-19(10-15)ME

Tot Ion:168 Resp: 109339

Ion Ratio Lower Upper

168 100

99 52.4 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VU028994.D (-1167) (-)

Ion 98.90 (98.60 to 99.60): VU028994.D (-1167) (-)

4.97

50000

40000

30000

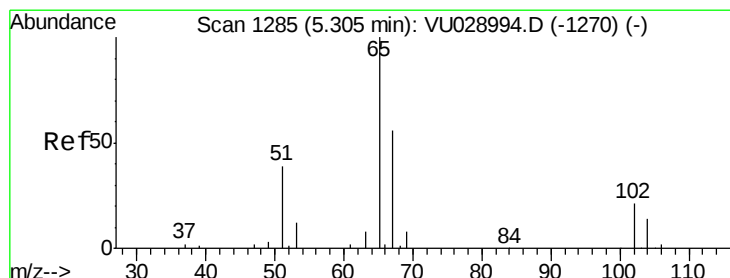
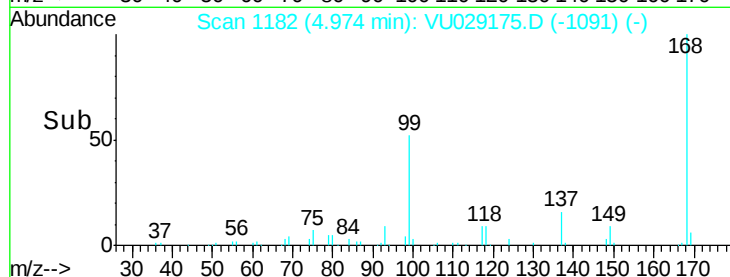
20000

10000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.806 ug/l

RT: 5.30 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VU029175.D

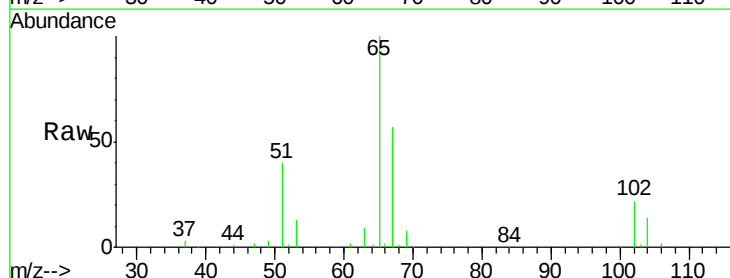
Acq: 15 Jan 2019 11:05

Tgt Ion: 65 Resp: 72726

Ion Ratio Lower Upper

65 100

67 56.7 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VU028994.D (-1270) (-)

Ion 66.90 (66.60 to 67.60): VU028994.D (-1270) (-)

5.30

30000

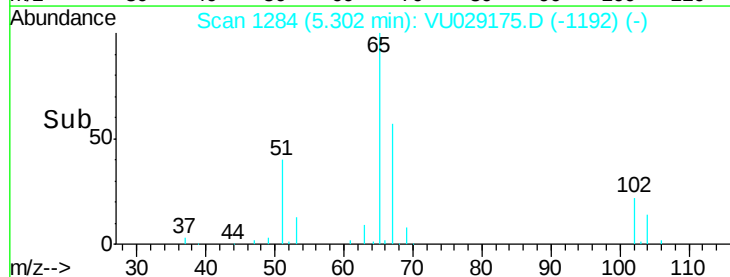
20000

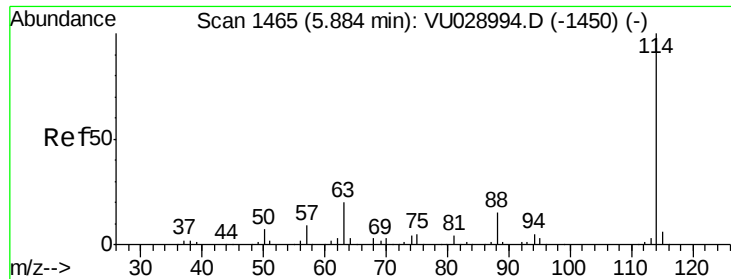
10000

0

5.20 5.25 5.30 5.35 5.40

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.88 min Scan# 1464

Delta R.T. -0.00 min

Lab File: VU029175.D

Acq: 15 Jan 2019 11:05

Instrument :

MSVOA_U

ClientSampleId :

CPSB-19(10-15)ME

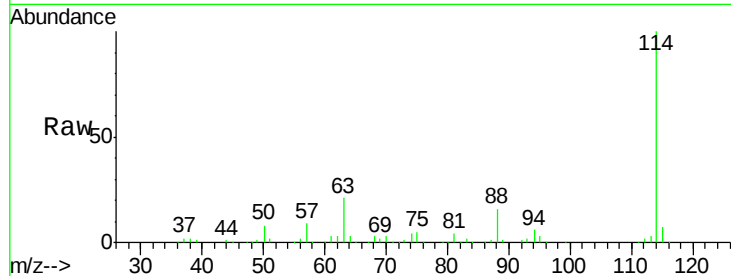
Tot Ion:114 Resp: 193045

Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.2

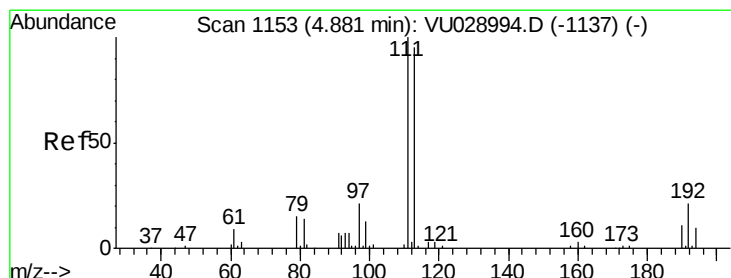
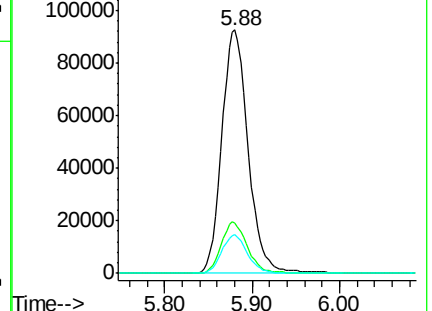
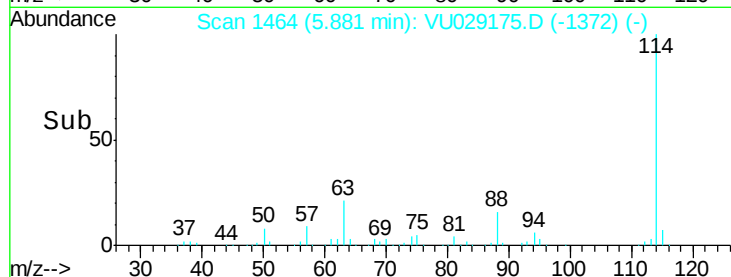
88 15.8 0.0 30.4



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: 51.690 ug/l

RT: 4.88 min Scan# 1152

Delta R.T. -0.00 min

Lab File: VU029175.D

Acq: 15 Jan 2019 11:05

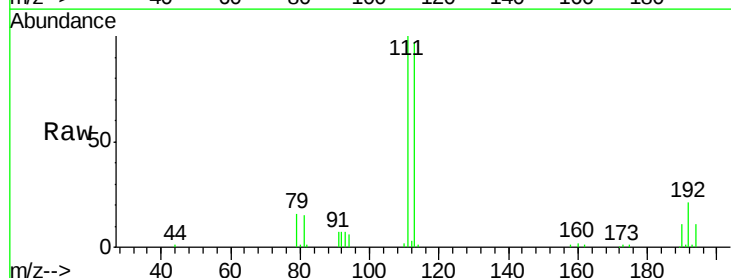
Tgt Ion:113 Resp: 64684

Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.2

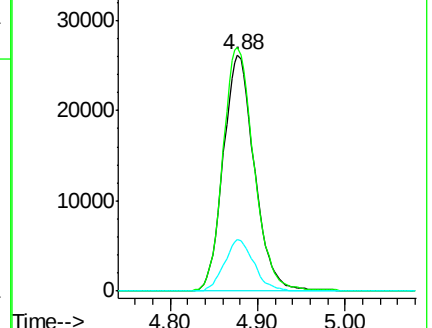
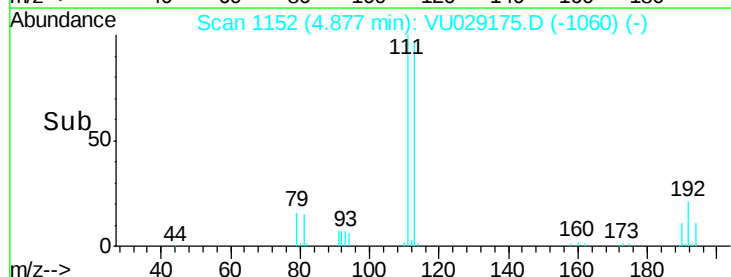
192 20.6 16.8 25.2

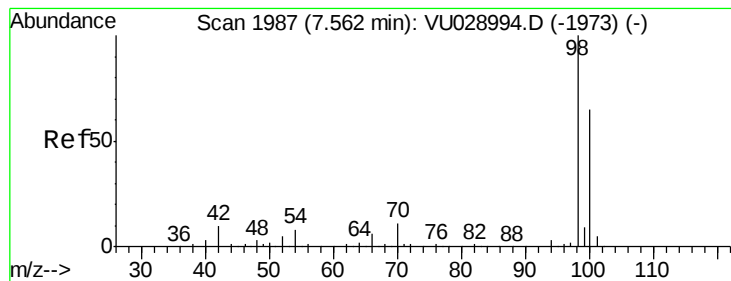


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.745 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VU029175.D

Acq: 15 Jan 2019 11:05

Instrument :

MSVOA_U

ClientSampleId :

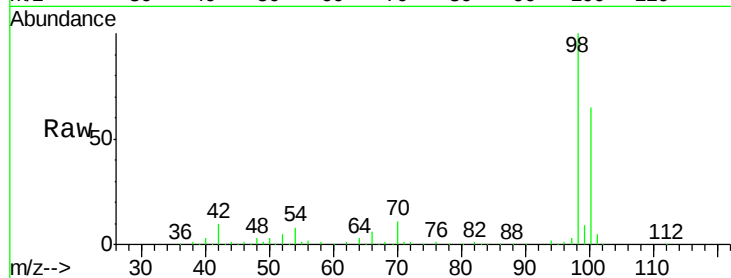
CPSB-19(10-15)ME

Tot Ion: 98 Resp: 245752

Ion Ratio Lower Upper

98 100

100 64.5 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VU028994.D (-1973) (-)

Ion 100.00 (99.70 to 100.70): VU028994.D (-1973) (-)

7.56

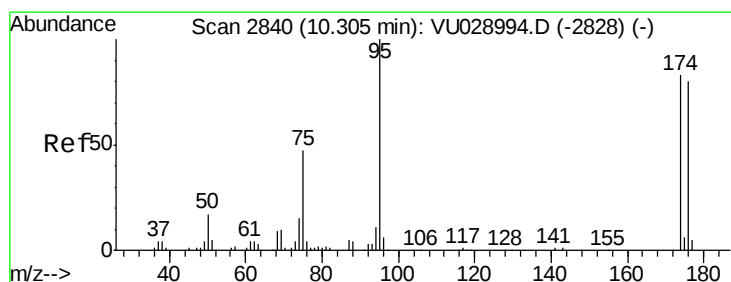
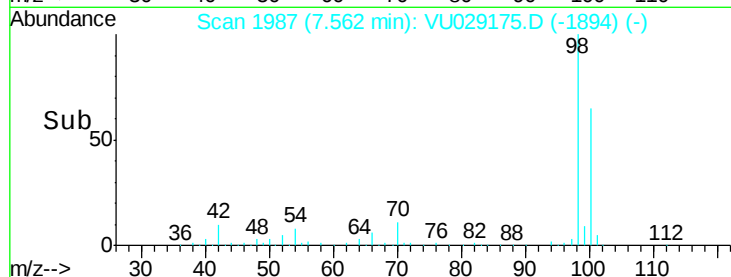
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 52.305 ug/l

RT: 10.31 min Scan# 2842

Delta R.T. 0.01 min

Lab File: VU029175.D

Acq: 15 Jan 2019 11:05

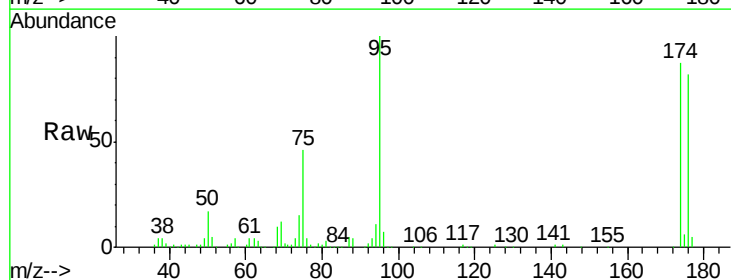
Tgt Ion: 95 Resp: 92864

Ion Ratio Lower Upper

95 100

174 85.1 0.0 170.6

176 80.8 0.0 165.0



Abundance Ion 94.90 (94.60 to 95.60): VU028994.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU028994.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU028994.D (-2828) (-)

10.31

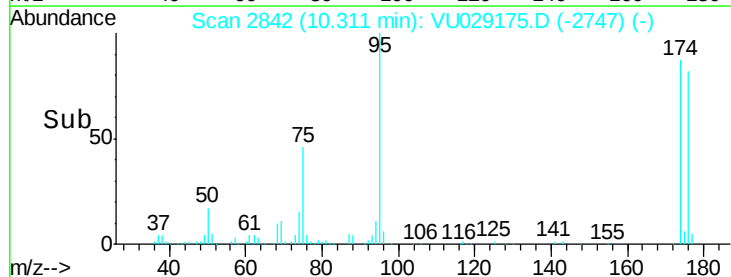
60000

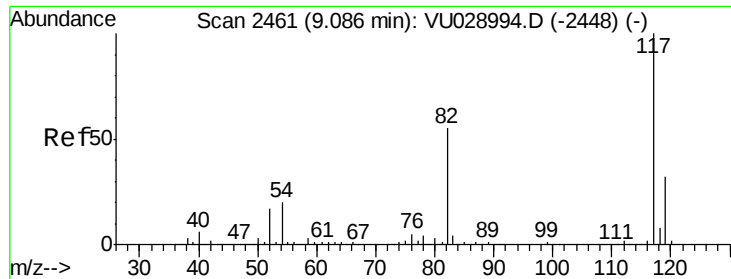
40000

20000

0

Time-->

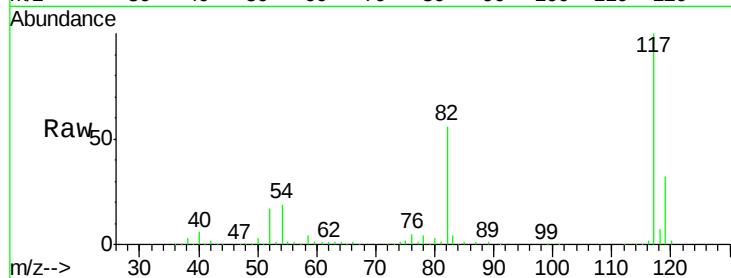




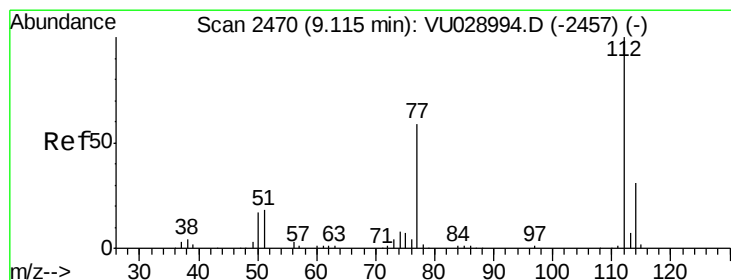
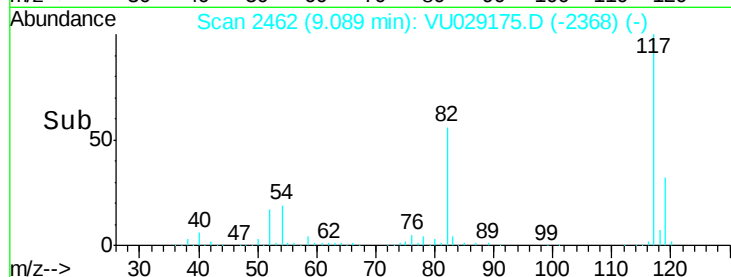
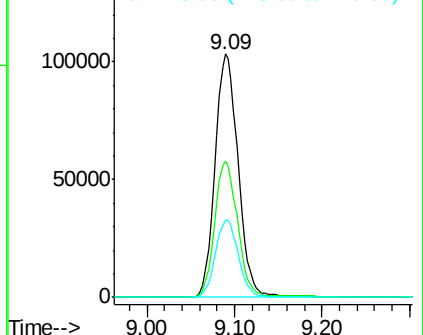
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU029175.D
Acq: 15 Jan 2019 11:05

Instrument :
MSVOA_U
ClientSampleId :
CPSB-19(10-15)ME

Tot Ion:117 Resp: 189818
Ion Ratio Lower Upper
117 100
82 56.0 43.9 65.9
119 31.9 26.0 39.0

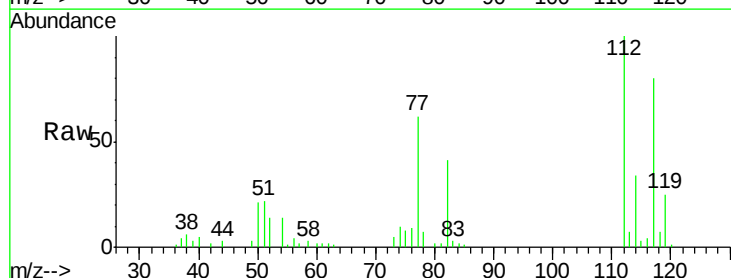


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

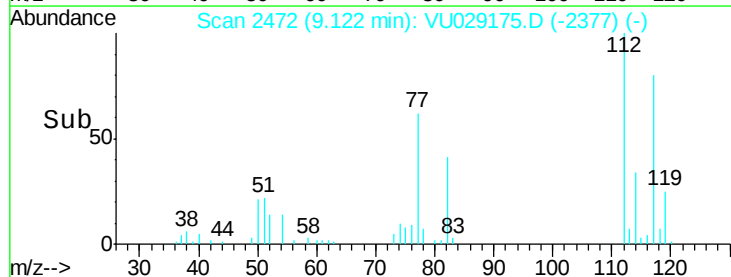
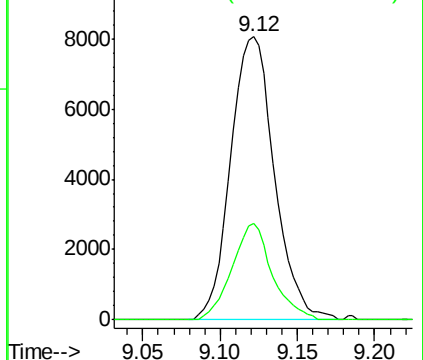


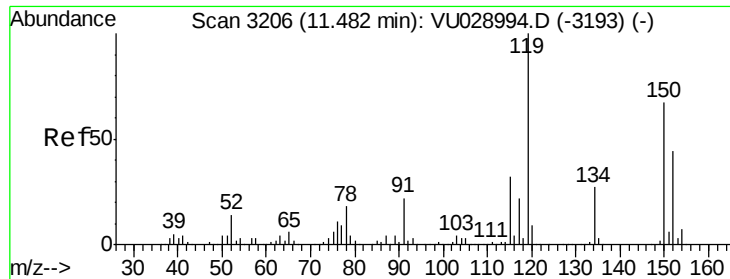
#65
Chlorobenzene
Concen: 3.726 ug/l
RT: 9.12 min Scan# 2472
Delta R.T. 0.01 min
Lab File: VU029175.D
Acq: 15 Jan 2019 11:05

Tgt Ion:112 Resp: 15854
Ion Ratio Lower Upper
112 100
114 34.0 25.0 37.6



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V



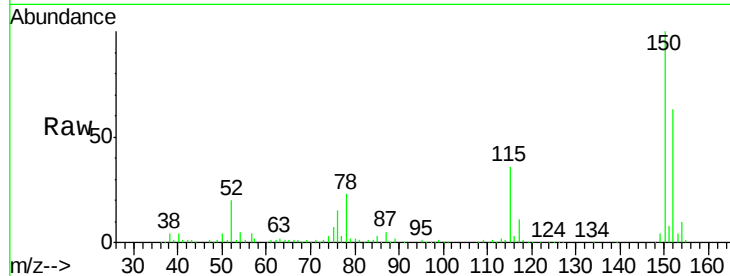


#72

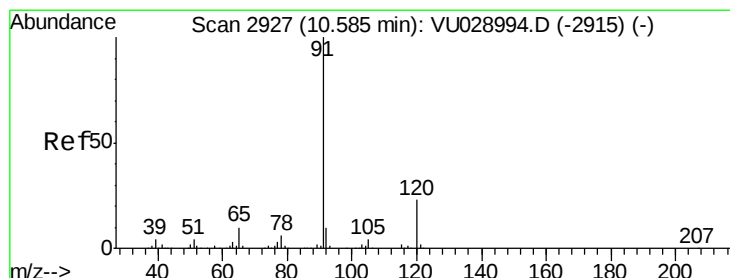
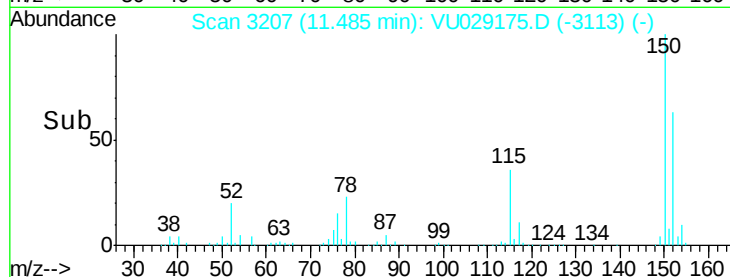
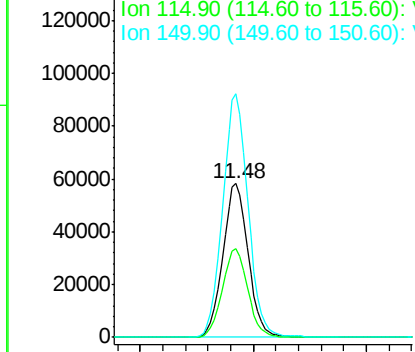
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU029175.D
Acq: 15 Jan 2019 11:05

Instrument :
MSVOA_U
ClientSampleId :
CPSB-19(10-15)ME

Tot Ion:152 Resp: 90798
Ion Ratio Lower Upper
152 100
115 57.7 40.1 120.3
150 158.4 0.0 345.2



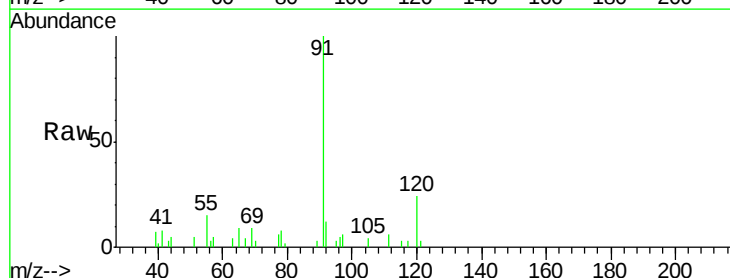
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



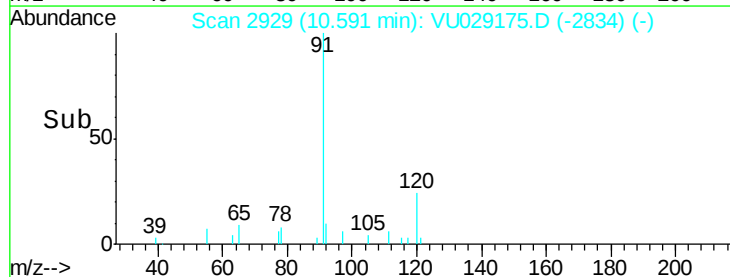
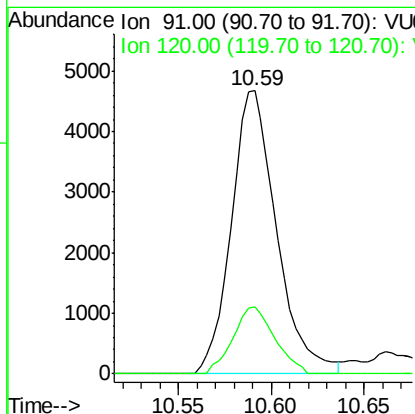
#78

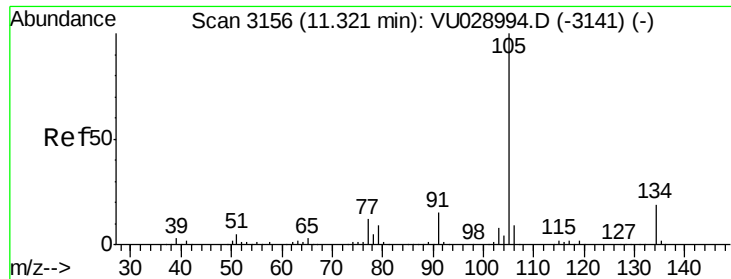
n-propylbenzene
Concen: 1.000 ug/l
RT: 10.59 min Scan# 2929
Delta R.T. 0.01 min
Lab File: VU029175.D
Acq: 15 Jan 2019 11:05

Tgt Ion: 91 Resp: 7922
Ion Ratio Lower Upper
91 100
120 21.8 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VU0
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 1.430 ug/l

RT: 11.32 min Scan# 3157

Delta R.T. 0.00 min

Lab File: VU029175.D

Acq: 15 Jan 2019 11:05

Instrument :

MSVOA_U

ClientSampleId :

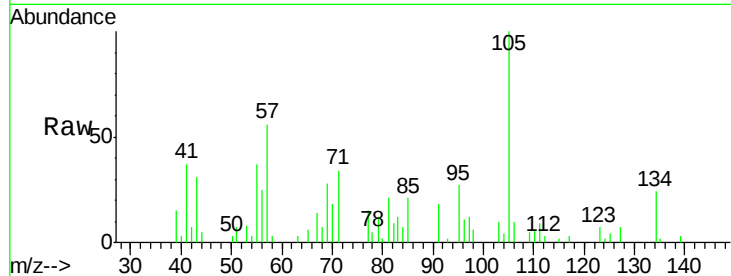
CPSB-19(10-15)ME

Tot Ion:105 Resp: 9565

Ion Ratio Lower Upper

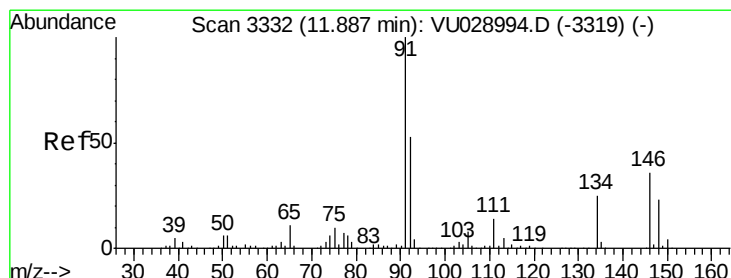
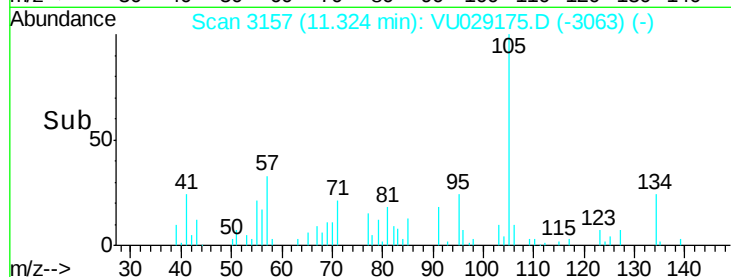
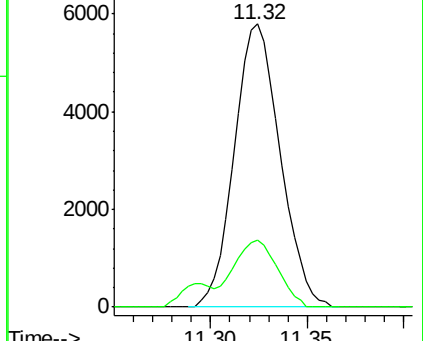
105 100

134 22.7 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#89

n-Butylbenzene

Concen: 1.532 ug/l

RT: 11.89 min Scan# 3333

Delta R.T. 0.00 min

Lab File: VU029175.D

Acq: 15 Jan 2019 11:05

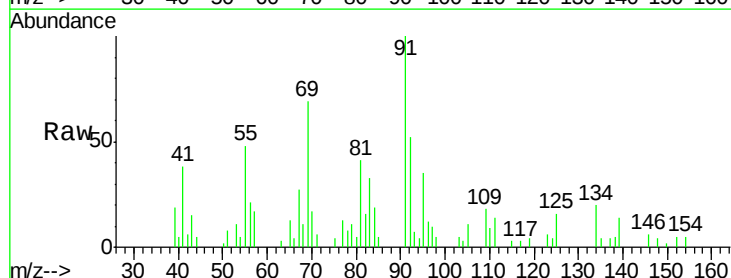
Tgt Ion: 91 Resp: 7794

Ion Ratio Lower Upper

91 100

92 49.4 26.2 78.5

134 29.8 12.6 37.6



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0

Ion 134.00 (133.70 to 134.70): V

