

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021819\
 Data File : VW008741.D
 Acq On : 18 Feb 2019 20:54
 Operator : SY/VA
 Sample : K1518-21
 Misc : 6.33G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CABLE-BRIDGE-FOUNDATION-B-10

Quant Time: Feb 19 05:03:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 04:06:50 2019
 Response via : Initial Calibration

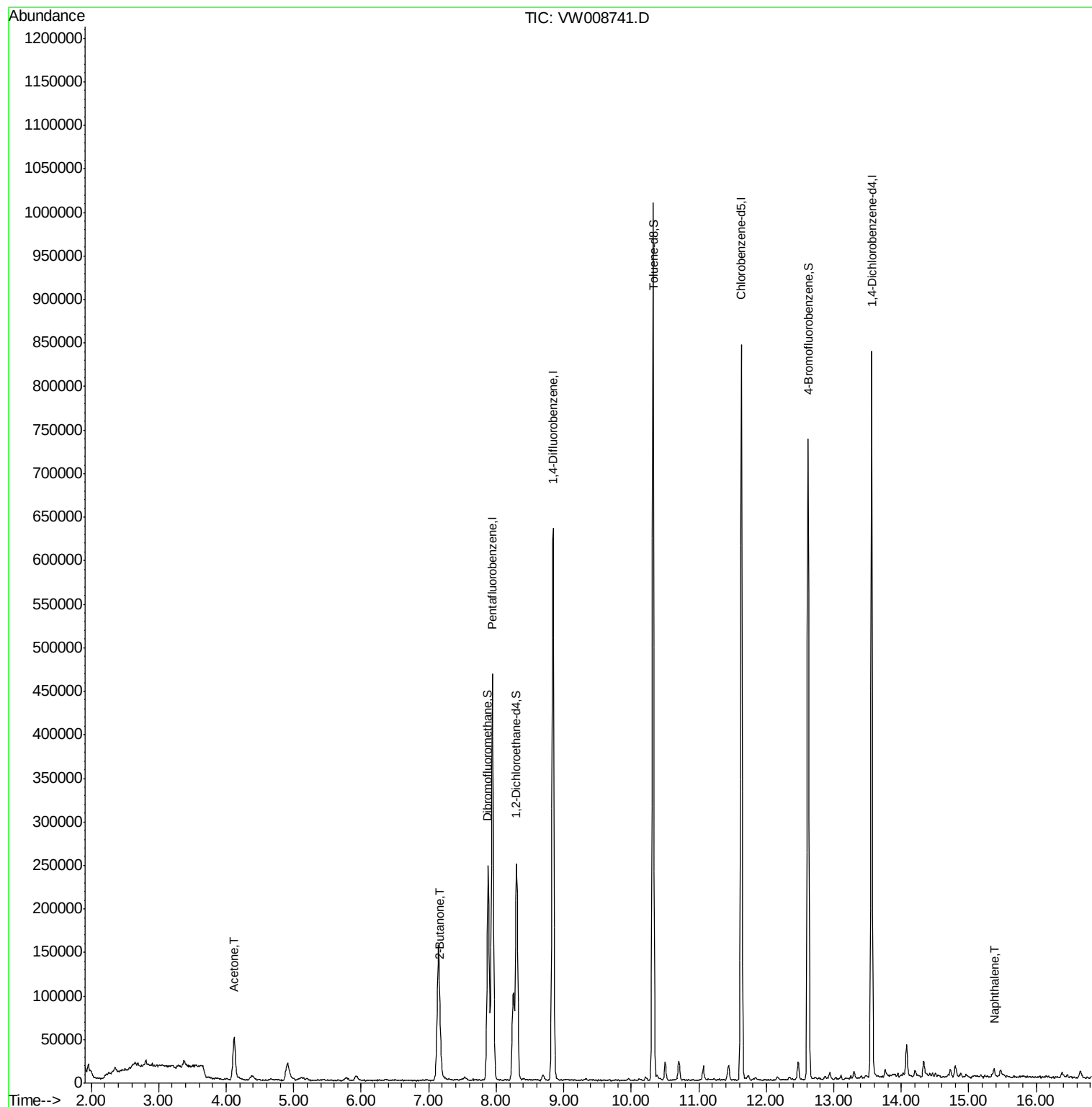
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	346822	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	530575	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	464357	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	209208	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	189589	52.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.16%	
35) Dibromofluoromethane	7.88	113	169432	51.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.86%	
50) Toluene-d8	10.32	98	631760	49.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.48%	
62) 4-Bromofluorobenzene	12.62	95	210872	44.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.16%	
Target Compounds						
16) Acetone	4.12	43	82077	100.033	ug/l	99
25) 2-Butanone	7.17	43	29613	25.560	ug/l	97
95) Naphthalene	15.37	128	8356	1.018	ug/l	96

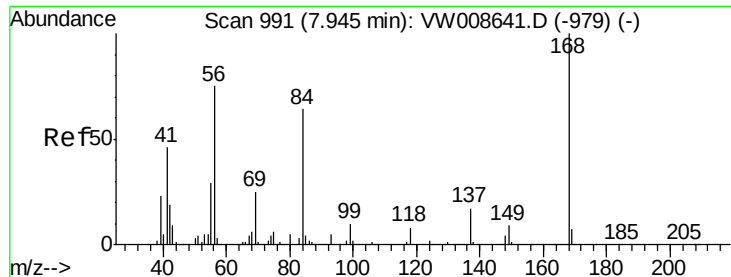
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008741.D

Acq: 18 Feb 2019 20:54

Instrument :

MSVOA_W

ClientSampleId :

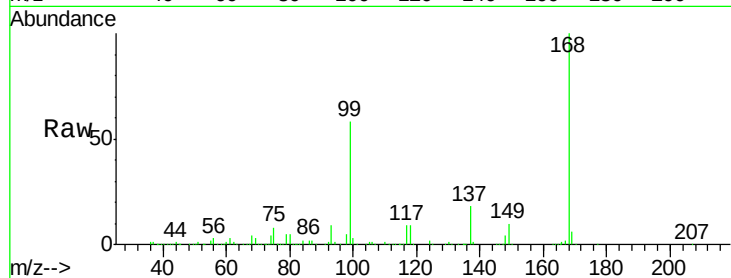
CABLE-BRIDGE-FOUNDATION-B-10

Tot Ion:168 Resp: 346822

Ion Ratio Lower Upper

168 100

99 57.9 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

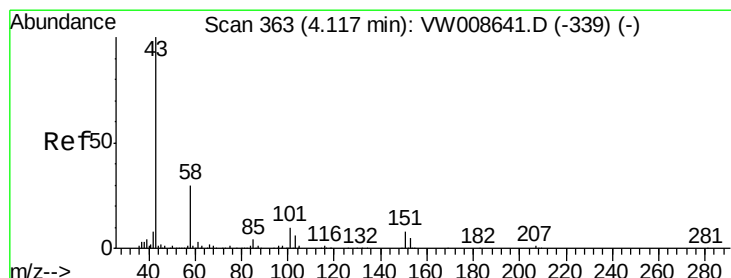
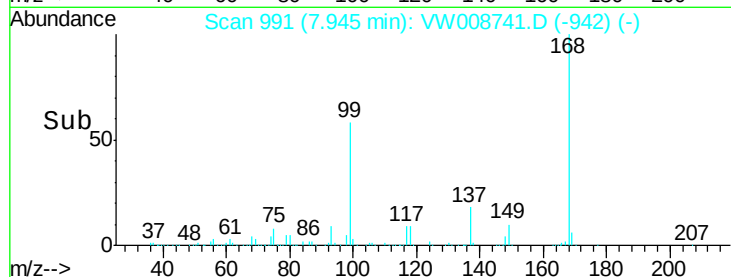
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#16

Acetone

Concen: 100.033 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW008741.D

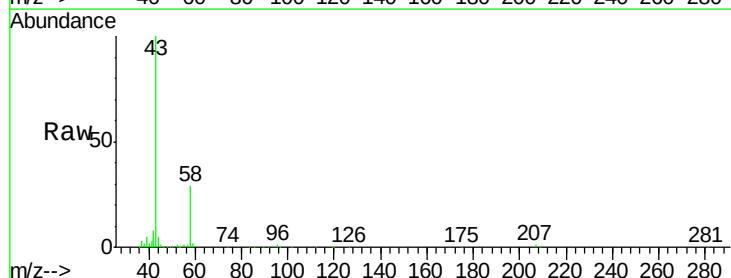
Acq: 18 Feb 2019 20:54

Tgt Ion: 43 Resp: 82077

Ion Ratio Lower Upper

43 100

58 29.6 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

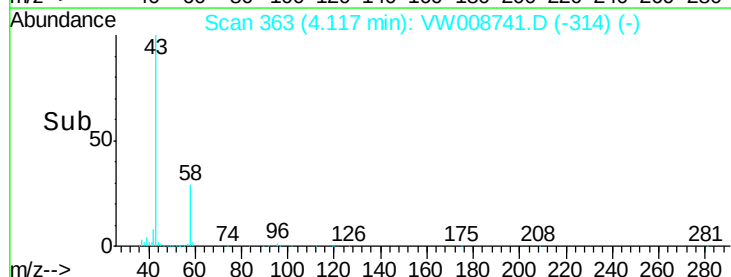
30000

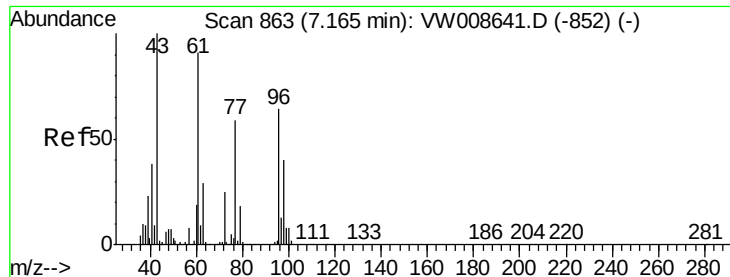
20000

10000

0

Time--> 4.00 4.10 4.20





#25

2-Butanone

Concen: 25.560 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW008741.D

Acq: 18 Feb 2019 20:54

Instrument :

MSVOA_W

ClientSampleId :

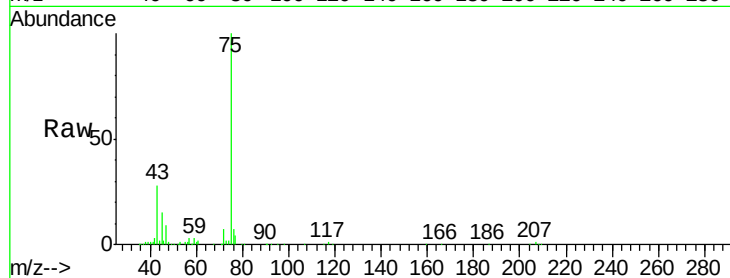
CABLE-BRIDGE-FOUNDATION-B-10

Tot Ion: 43 Resp: 29613

Ion Ratio Lower Upper

43 100

72 23.2 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.17

10000

8000

6000

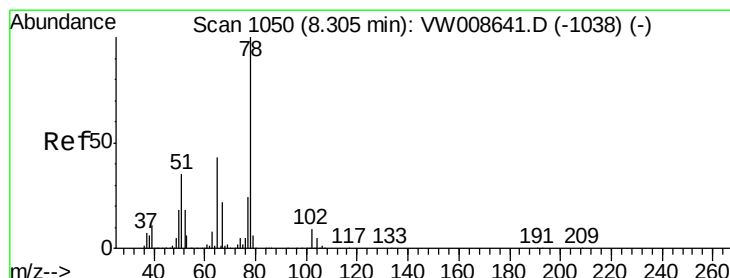
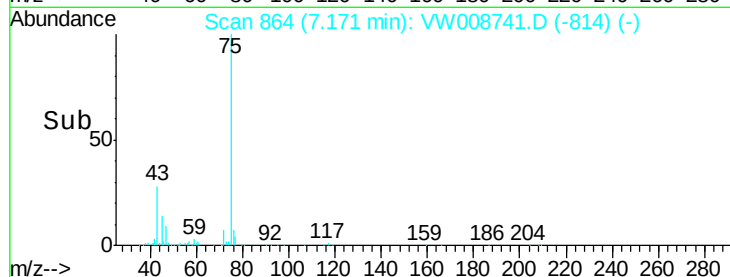
4000

2000

0

7.00 7.10 7.20 7.30

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.581 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW008741.D

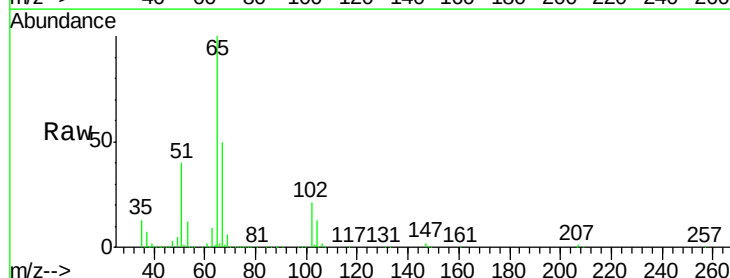
Acq: 18 Feb 2019 20:54

Tgt Ion: 65 Resp: 189589

Ion Ratio Lower Upper

65 100

67 50.9 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

10000

8000

6000

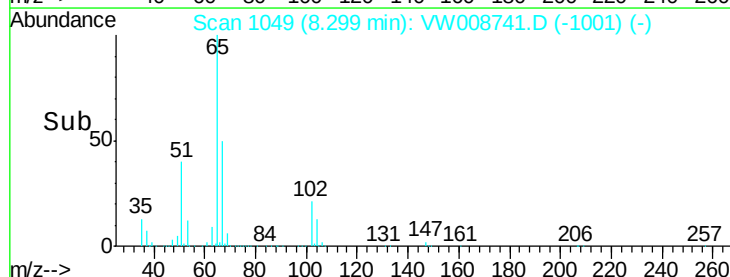
4000

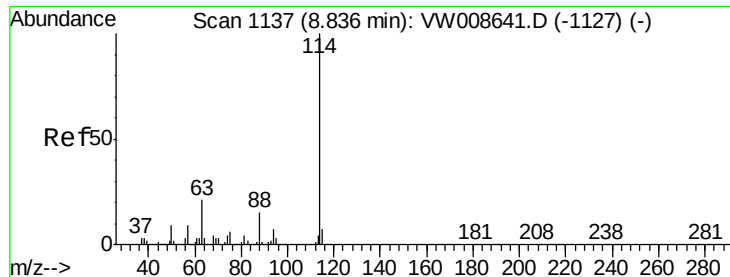
2000

0

8.20 8.30 8.40

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.01 min

Lab File: VW008741.D

Acq: 18 Feb 2019 20:54

Instrument :

MSVOA_W

ClientSampleId :

CABLE-BRIDGE-FOUNDATION-B-10

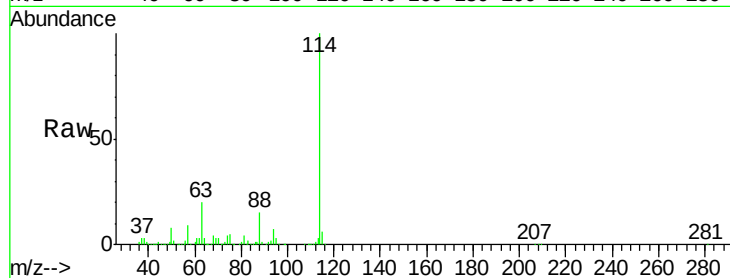
Tot Ion:114 Resp: 530575

Ion Ratio Lower Upper

114 100

63 20.1 0.0 41.2

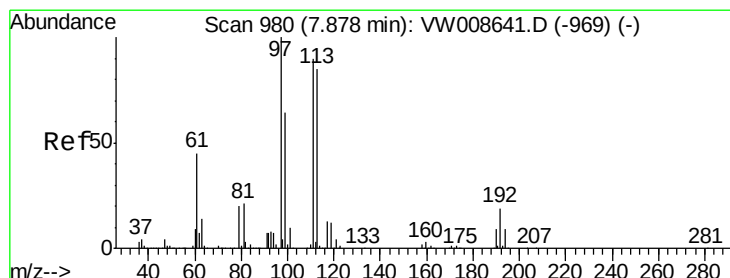
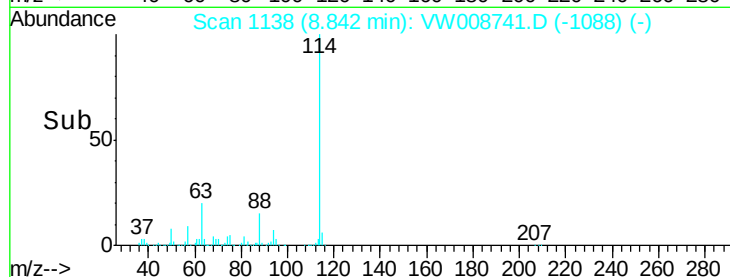
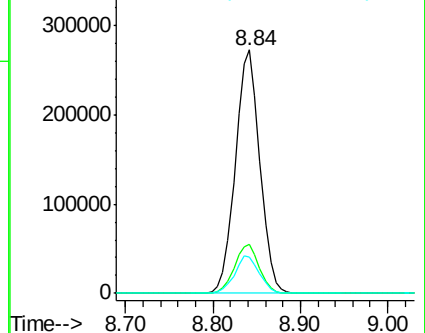
88 14.9 0.0 29.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 51.428 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW008741.D

Acq: 18 Feb 2019 20:54

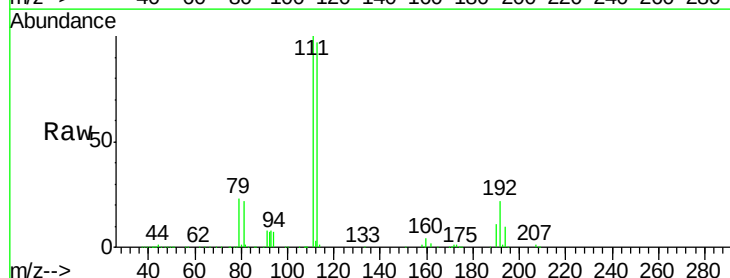
Tgt Ion:113 Resp: 169432

Ion Ratio Lower Upper

113 100

111 101.6 84.0 126.0

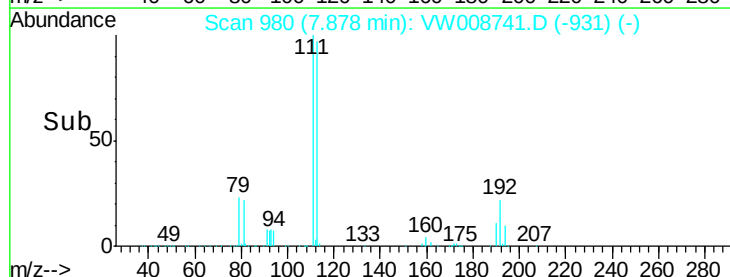
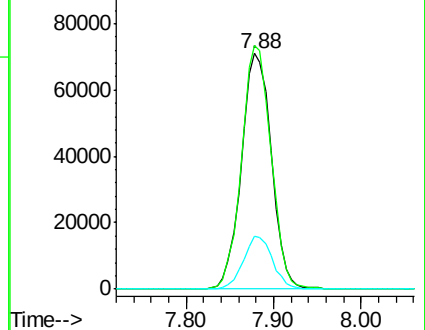
192 21.8 17.4 26.2

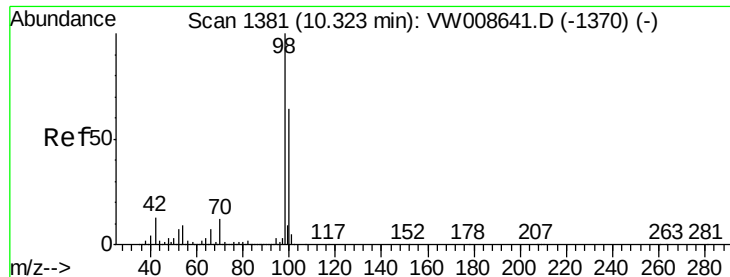


Abundance Ion 112.80 (112.50 to 113.50): V

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: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008741.D

Acq: 18 Feb 2019 20:54

Instrument :

MSVOA_W

ClientSampleId :

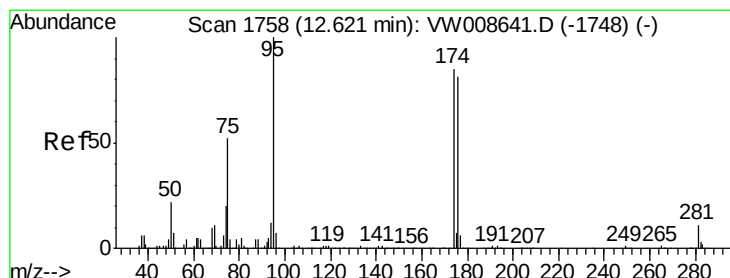
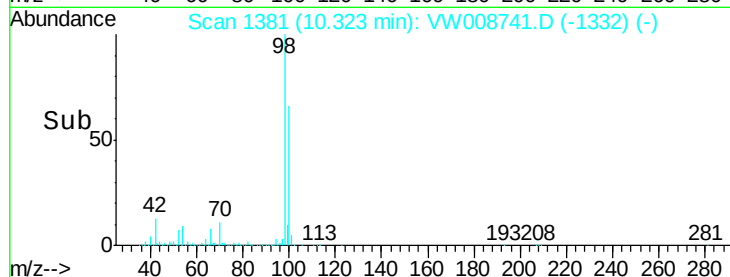
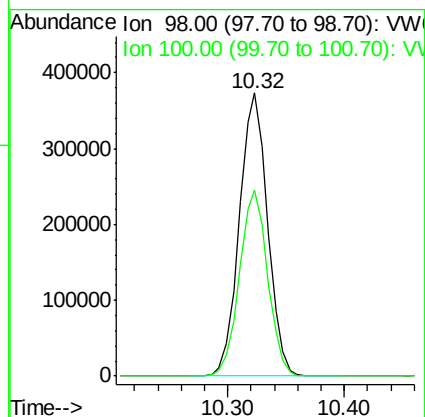
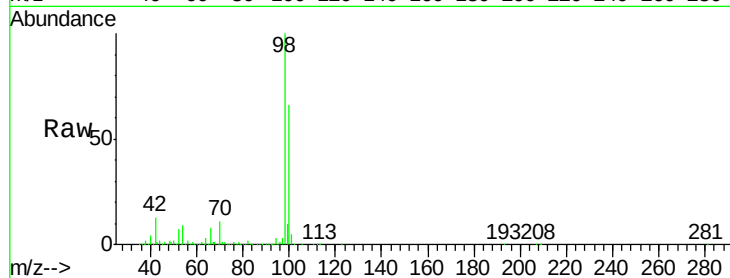
CABLE-BRIDGE-FOUNDATION-B-10

Tot Ion: 98 Resp: 631760

Ion Ratio Lower Upper

98 100

100 65.6 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 44.082 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008741.D

Acq: 18 Feb 2019 20:54

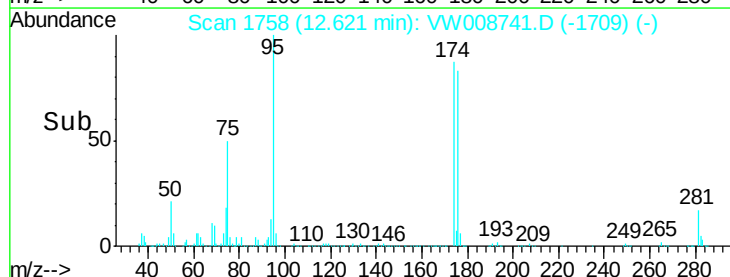
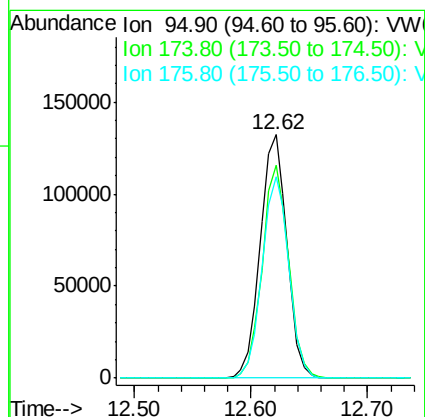
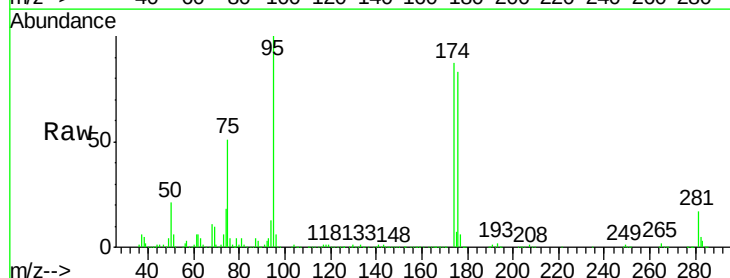
Tgt Ion: 95 Resp: 210872

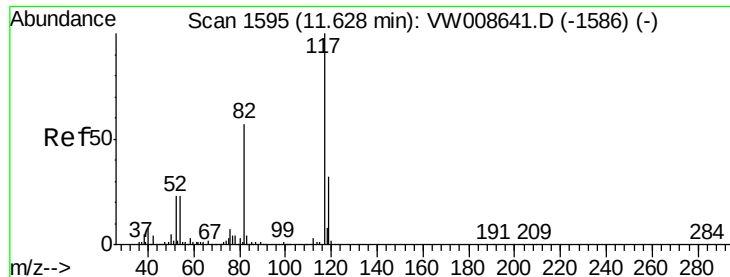
Ion Ratio Lower Upper

95 100

174 86.7 0.0 163.2

176 82.9 0.0 158.0

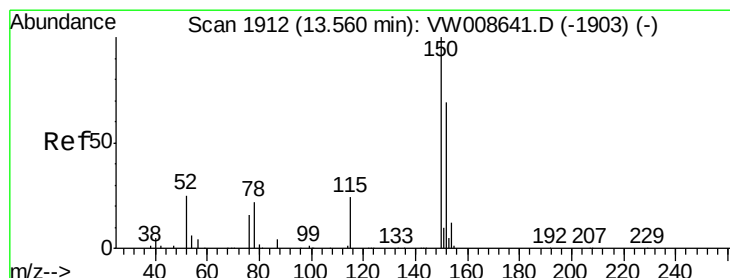
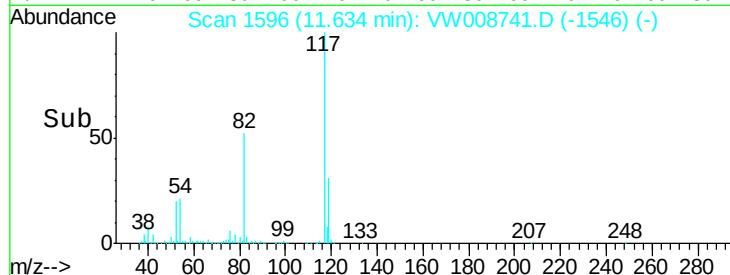
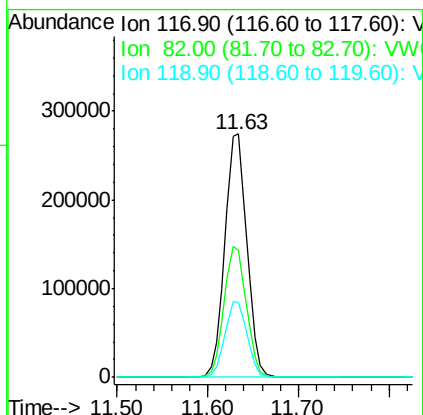
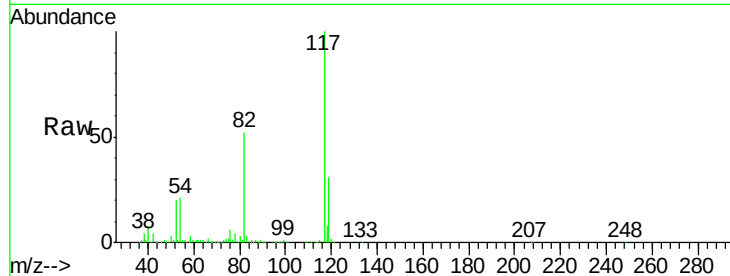




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW008741.D
Acq: 18 Feb 2019 20:54

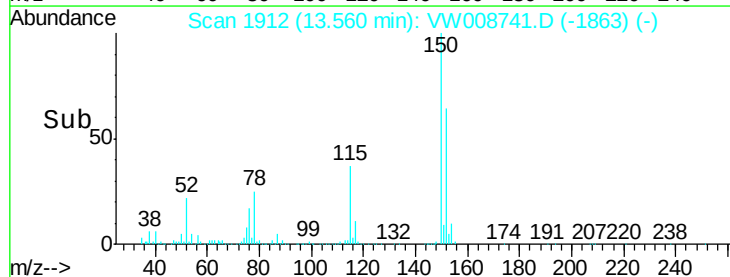
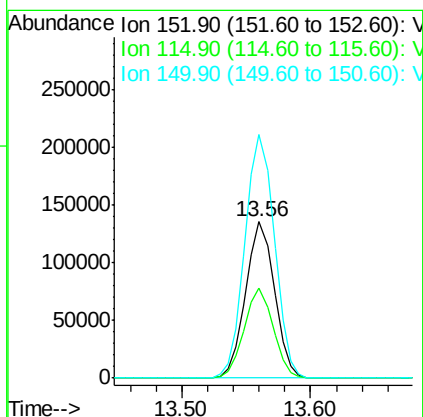
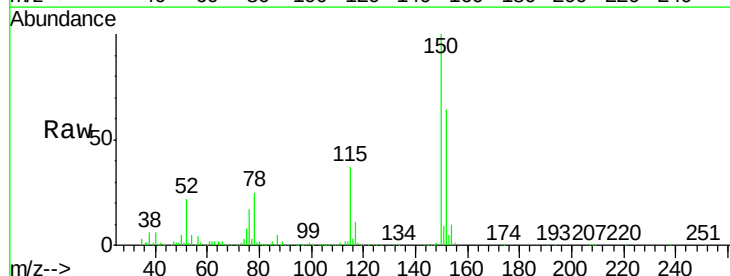
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CABLE-BRIDGE-FOUNDATION-B-10

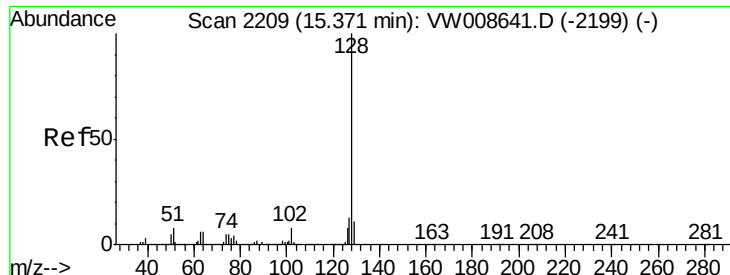
Tot Ion:117 Resp: 464357
Ion Ratio Lower Upper
117 100
82 52.2 45.6 68.4
119 30.5 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008741.D
Acq: 18 Feb 2019 20:54

Tgt Ion:152 Resp: 209208
Ion Ratio Lower Upper
152 100
115 57.7 29.3 87.8
150 160.0 0.0 352.8





#95

Naphthalene

Concen: 1.018 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW008741.D

Acq: 18 Feb 2019 20:54

Instrument :

MSVOA_W

ClientSampleId :

CABLE-BRIDGE-FOUNDATION-B-10

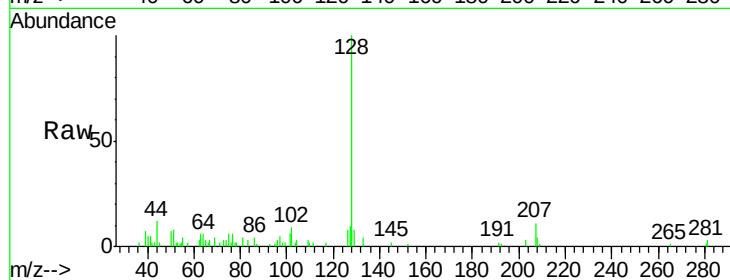
Tot Ion:128 Resp: 8356

Ion Ratio Lower Upper

128 100

127 16.3 10.9 16.3

129 11.2 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

