

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101419\
 Data File : VY000300.D
 Acq On : 14 Oct 2019 15:36
 Operator : SY/MD
 Sample : K5325-02
 Misc : 5.51g/5.00ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 10-10-B

Quant Time: Oct 15 02:02:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 14 08:10:23 2019
 Response via : Initial Calibration

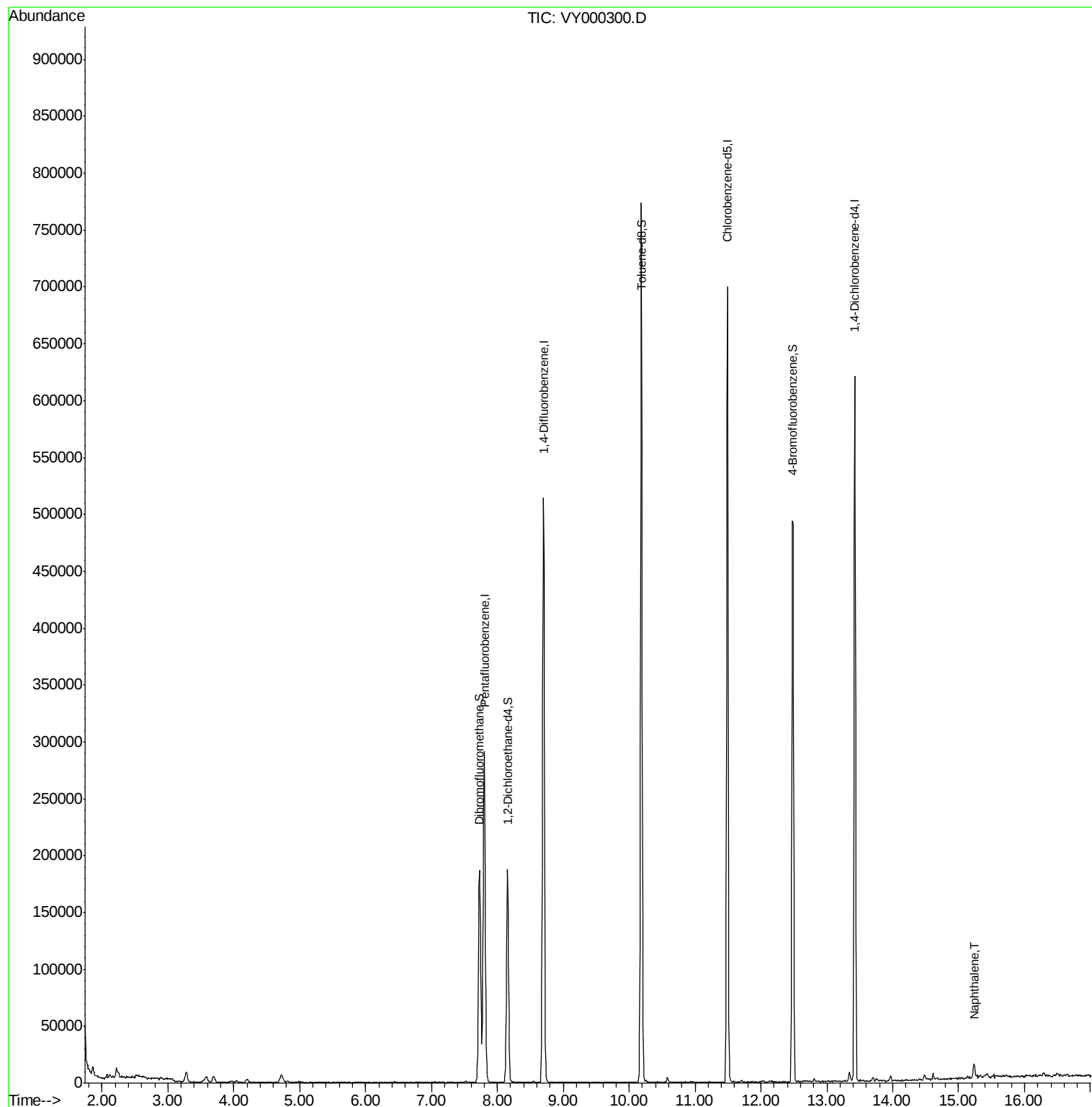
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	226880	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	431027	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	366007	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	145372	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	143992	60.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.34%	
35) Dibromofluoromethane	7.73	113	129518	49.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.62%	
50) Toluene-d8	10.19	98	506435	50.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.28%	
62) 4-Bromofluorobenzene	12.48	95	161113	42.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.80%	
Target Compounds						
95) Naphthalene	15.23	128	8631	1.235	ug/l #	Qvalue 96

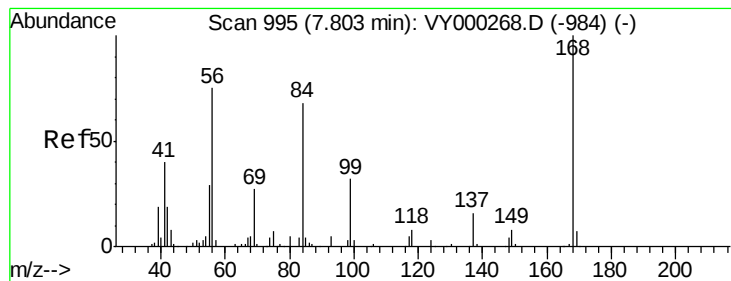
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000300.D

Acq: 14 Oct 2019 15:36

Instrument :

MSVOA_Y

ClientSampled :

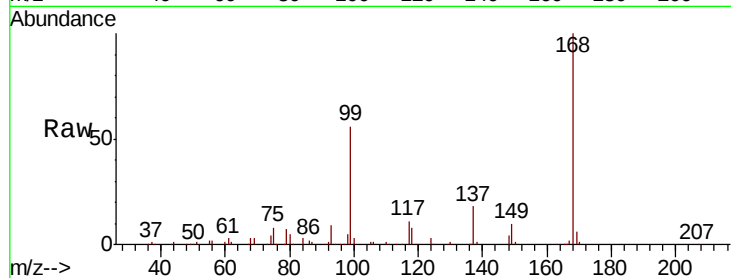
10-10-B

Tot Ion:168 Resp: 226880

Ion Ratio Lower Upper

168 100

99 56.1 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000268.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY000268.D (-984) (-)

7.80

100000

80000

60000

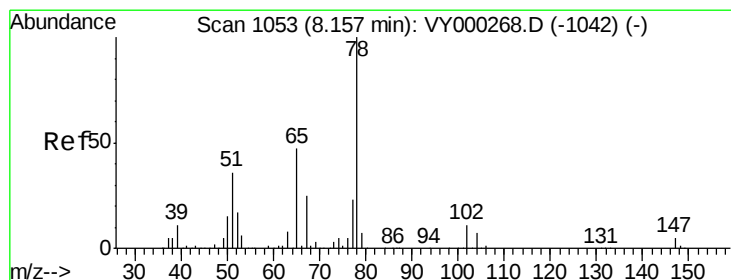
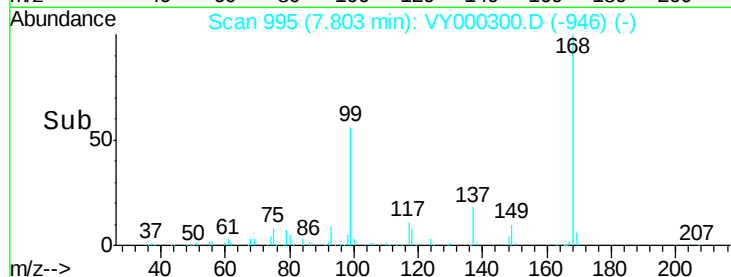
40000

20000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 60.166 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VY000300.D

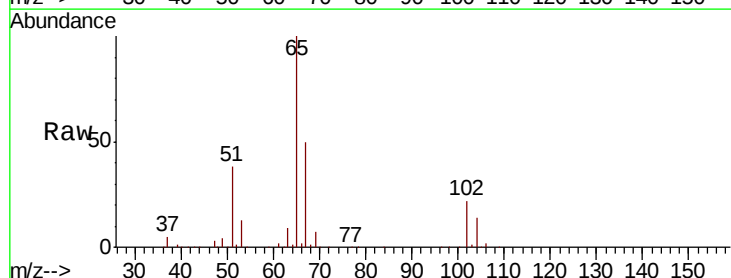
Acq: 14 Oct 2019 15:36

Tgt Ion: 65 Resp: 143992

Ion Ratio Lower Upper

65 100

67 52.3 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VY000268.D (-1042) (-)

Ion 66.90 (66.60 to 67.60): VY000268.D (-1042) (-)

8.16

80000

60000

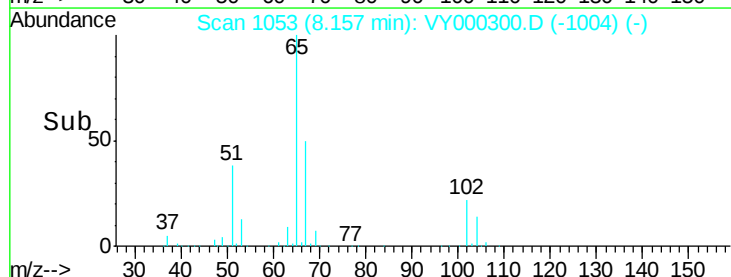
40000

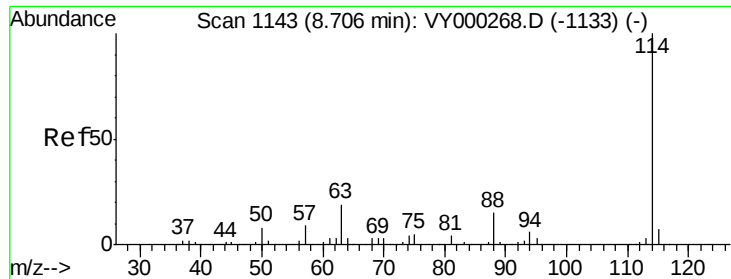
20000

0

8.10 8.20 8.30

Time-->

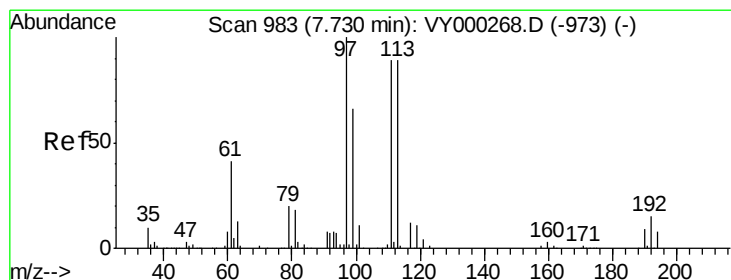
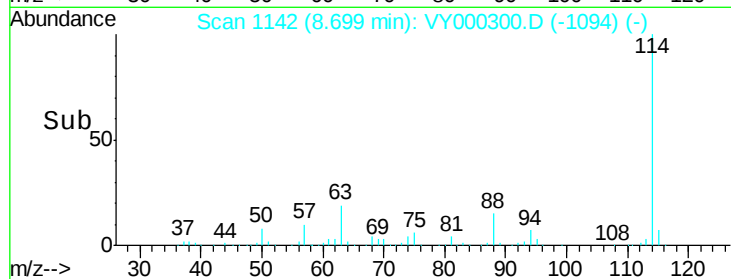
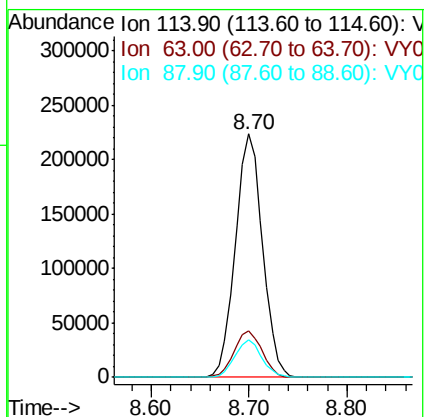
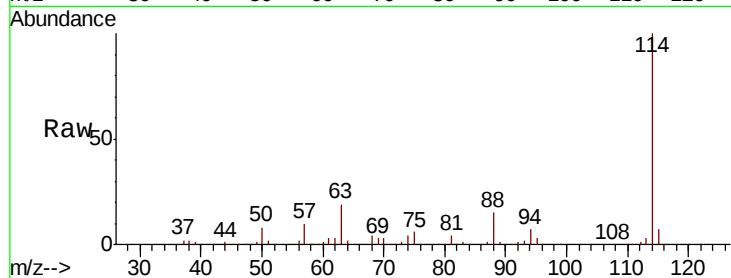




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VY000300.D
Acq: 14 Oct 2019 15:36

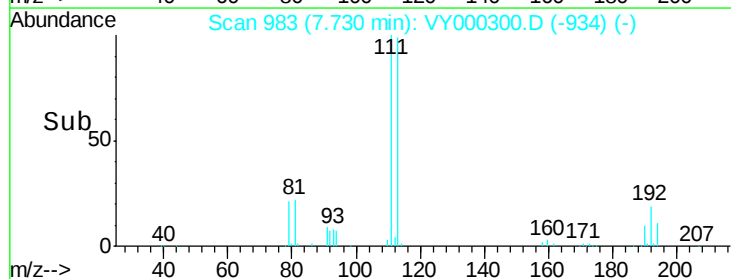
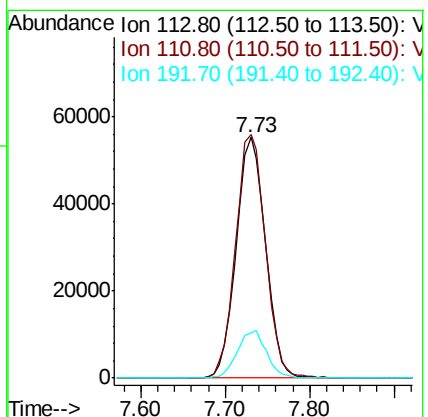
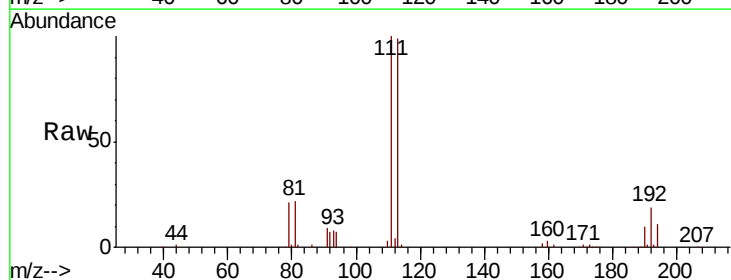
Instrument :
MSVOA_Y
ClientSampleId :
10-10-B

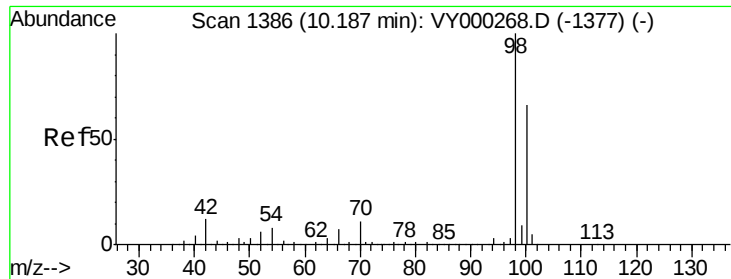
Tot Ion:114 Resp: 431027
Ion Ratio Lower Upper
114 100
63 19.3 0.0 37.2
88 15.4 0.0 30.2



#35
Dibromofluoromethane
Concen: 49.815 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY000300.D
Acq: 14 Oct 2019 15:36

Tgt Ion:113 Resp: 129518
Ion Ratio Lower Upper
113 100
111 102.5 81.6 122.4
192 19.4 15.3 22.9





#50

Toluene-d8

Concen: 50.636 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY000300.D

Acq: 14 Oct 2019 15:36

Instrument :

MSVOA_Y

ClientSampleId :

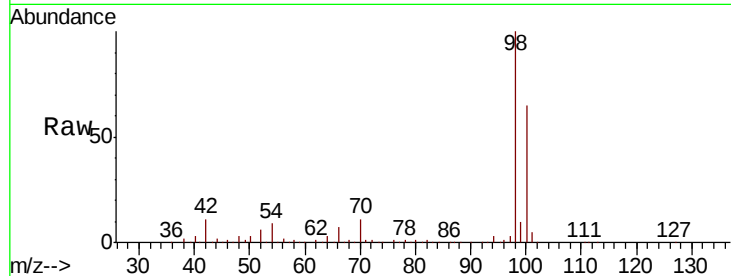
10-10-B

Tot Ion: 98 Resp: 506435

Ion Ratio Lower Upper

98 100

100 64.5 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

10.19

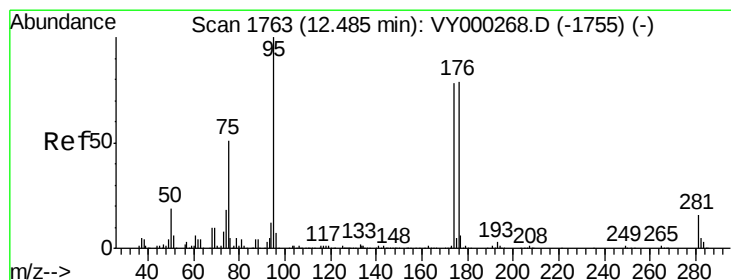
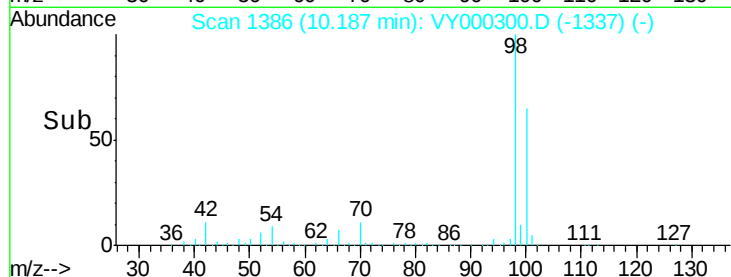
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 42.402 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY000300.D

Acq: 14 Oct 2019 15:36

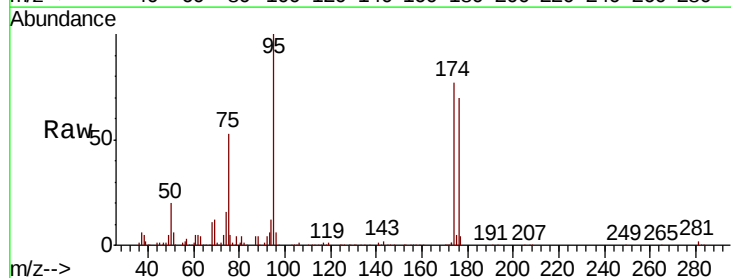
Tgt Ion: 95 Resp: 161113

Ion Ratio Lower Upper

95 100

174 78.8 0.0 159.6

176 73.3 0.0 153.8



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

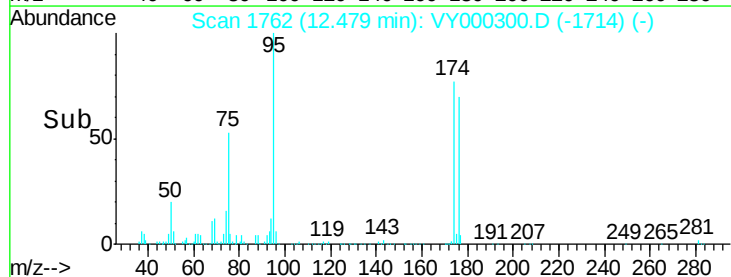
12.48

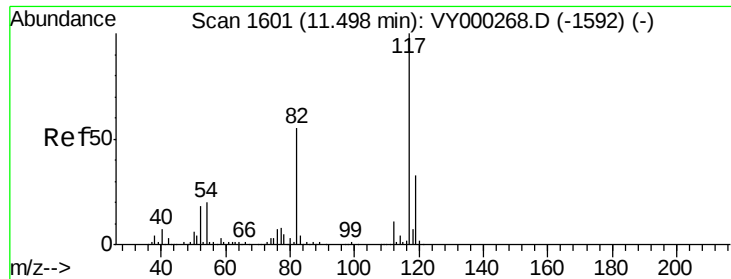
100000

50000

0

Time-->

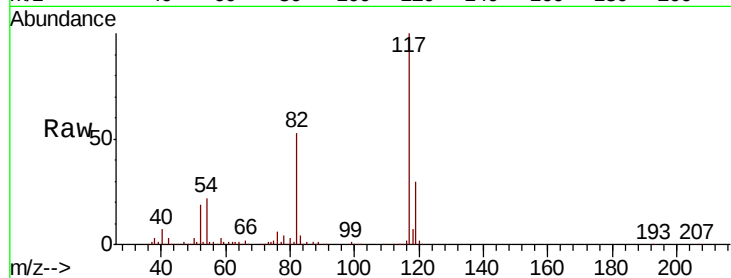




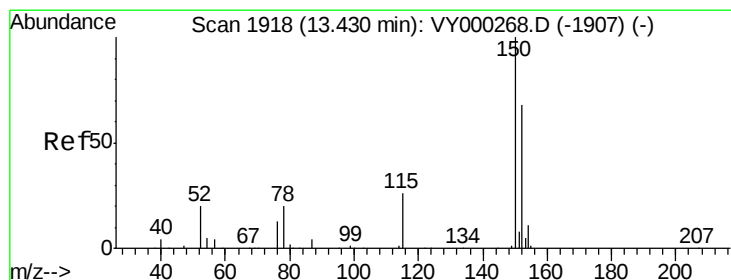
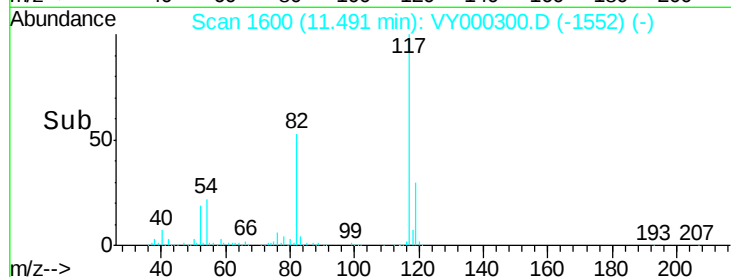
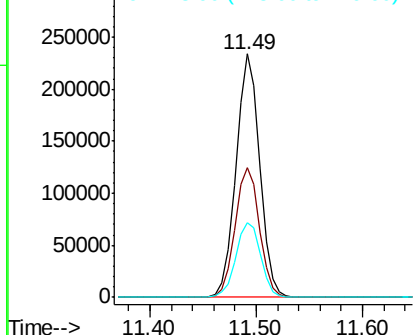
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000300.D
Acq: 14 Oct 2019 15:36

Instrument :
MSVOA_Y
ClientSampleId :
10-10-B

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.3	43.7	65.5
119	30.4	26.6	39.8

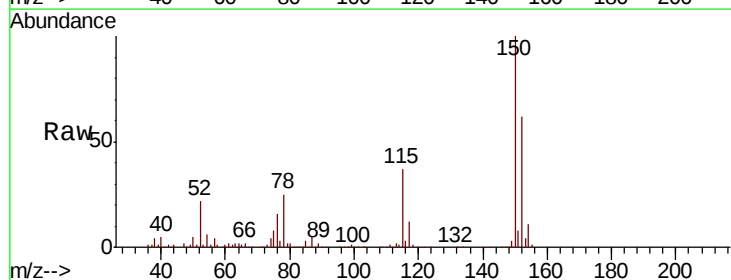


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

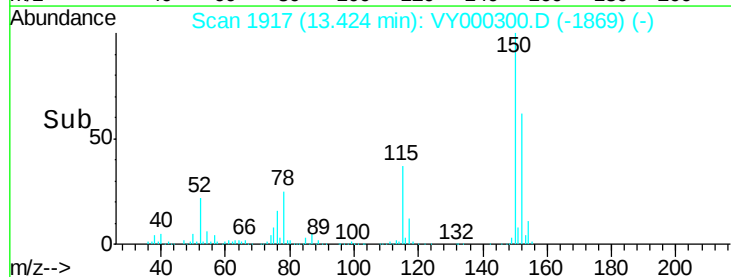
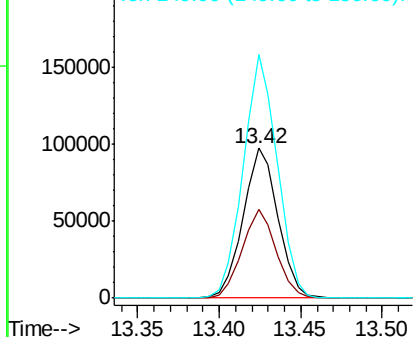


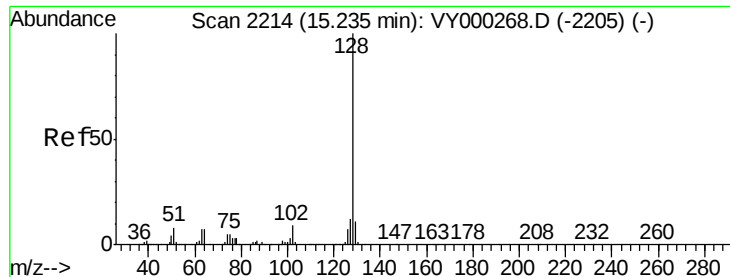
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000300.D
Acq: 14 Oct 2019 15:36

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.9	29.3	88.0
150	158.2	0.0	348.4



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





#95

Naphthalene

Concen: 1.235 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY000300.D

Acq: 14 Oct 2019 15:36

Instrument :

MSVOA_Y

ClientSampleId :

10-10-B

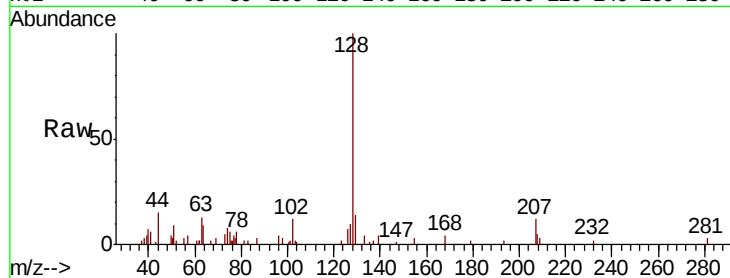
Tot Ion:128 Resp: 8631

Ion Ratio Lower Upper

128 100

127 12.4 9.6 14.4

129 13.8 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

