

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091919\
 Data File : VY000085.D
 Acq On : 19 Sep 2019 18:15
 Operator : SY/MD
 Sample : K4878-17
 Misc : 6.45g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TPA-9

Quant Time: Sep 20 03:49:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 05:38:39 2019
 Response via : Initial Calibration

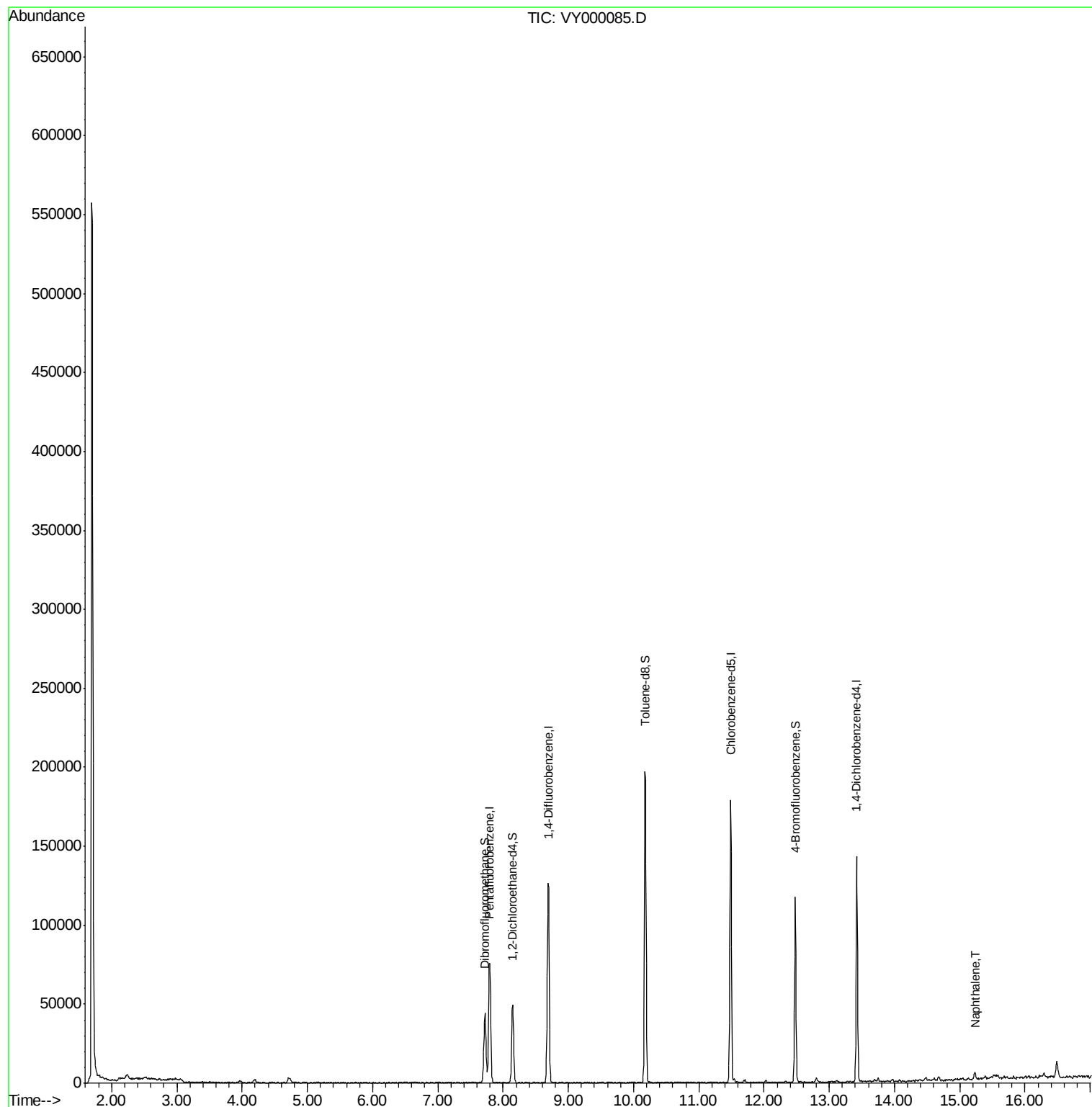
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	55528	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	110046	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	90632	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	30474	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	34628	54.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.40%	
35) Dibromofluoromethane	7.73	113	31988	48.01	ug/l	0.01
Spiked Amount 50.000			Recovery	=	96.02%	
50) Toluene-d8	10.18	98	131411	50.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.42%	
62) 4-Bromofluorobenzene	12.48	95	40651	41.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.68%	
Target Compounds						
95) Naphthalene	15.23	128	4351	2.658	ug/l #	Qvalue 92

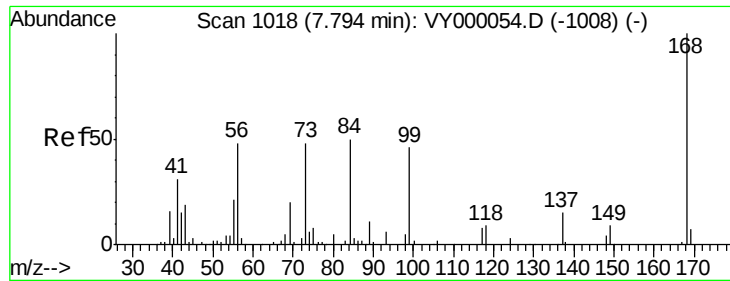
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VY000085.D

Acq: 19 Sep 2019 18:15

Instrument :

MSVOA_Y

ClientSampled :

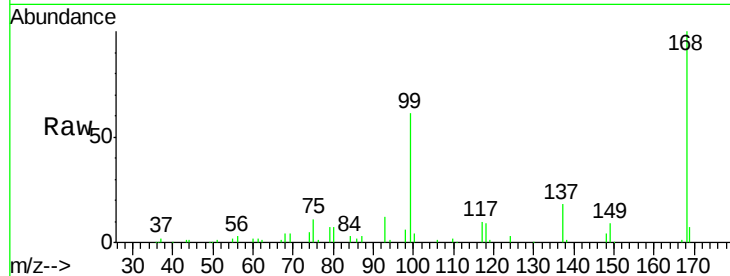
TPA-9

Tot Ion:168 Resp: 55528

Ion Ratio Lower Upper

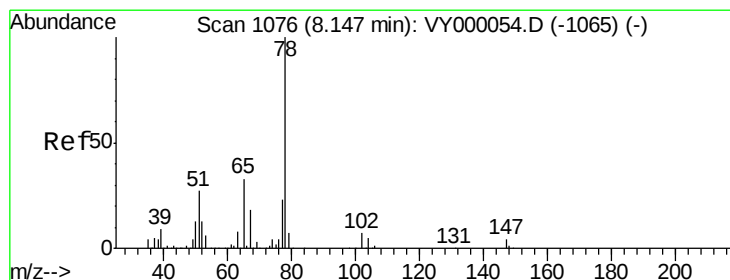
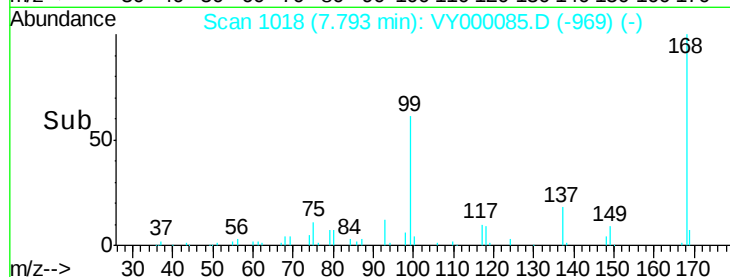
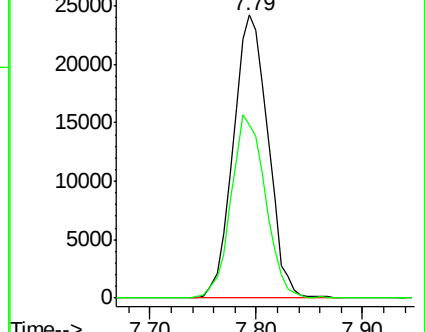
168 100

99 61.1 44.2 66.2



Abundance Ion 167.90 (167.60 to 168.60): VY000085.D (-969) (-)

Ion 98.90 (98.60 to 99.60): VY000085.D (-969) (-)



#33

1,2-Dichloroethane-d4

Concen: 54.203 ug/l

RT: 8.15 min Scan# 1076

Delta R.T. -0.00 min

Lab File: VY000085.D

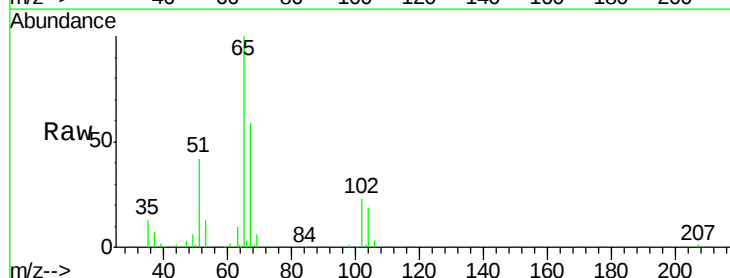
Acq: 19 Sep 2019 18:15

Tgt Ion: 65 Resp: 34628

Ion Ratio Lower Upper

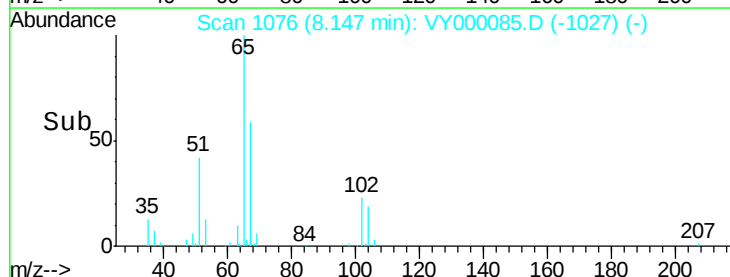
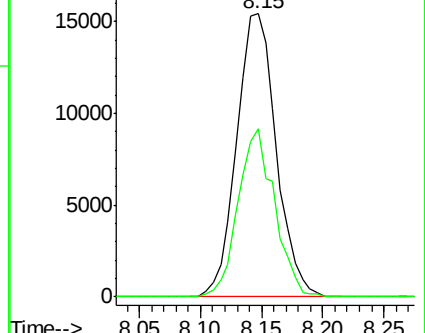
65 100

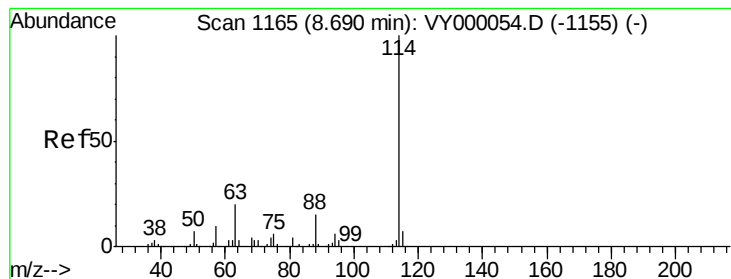
67 54.6 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY000085.D (-1027) (-)

Ion 66.90 (66.60 to 67.60): VY000085.D (-1027) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1166

Delta R.T. 0.01 min

Lab File: VY000085.D

Acq: 19 Sep 2019 18:15

Instrument :

MSVOA_Y

ClientSampleId :

TPA-9

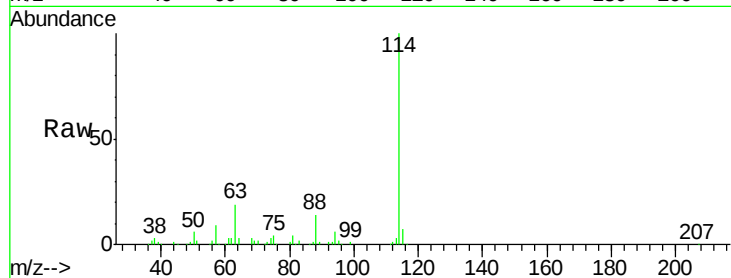
Tot Ion:114 Resp: 110046

Ion Ratio Lower Upper

114 100

63 18.8 0.0 39.4

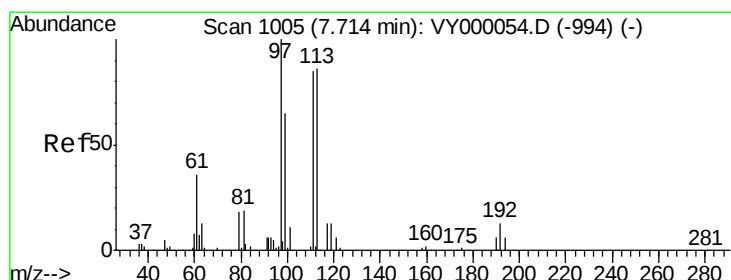
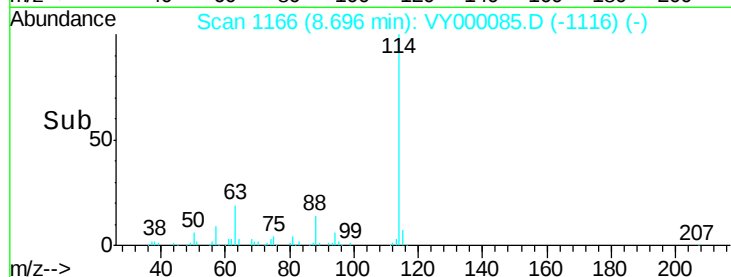
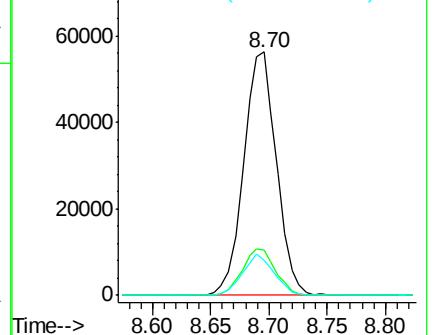
88 14.2 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 48.008 ug/l

RT: 7.73 min Scan# 1007

Delta R.T. 0.01 min

Lab File: VY000085.D

Acq: 19 Sep 2019 18:15

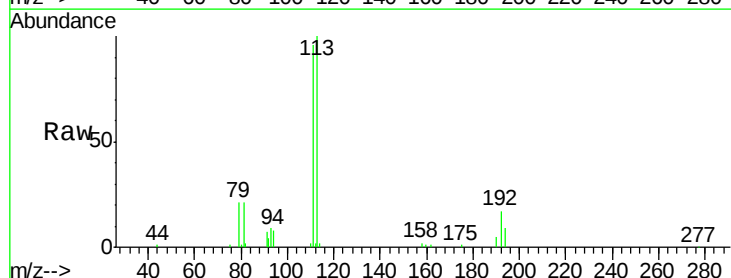
Tgt Ion:113 Resp: 31988

Ion Ratio Lower Upper

113 100

111 102.4 81.7 122.5

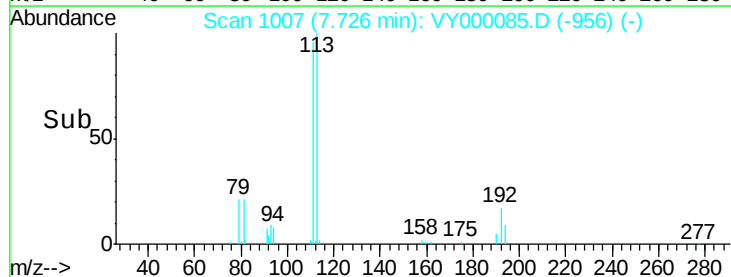
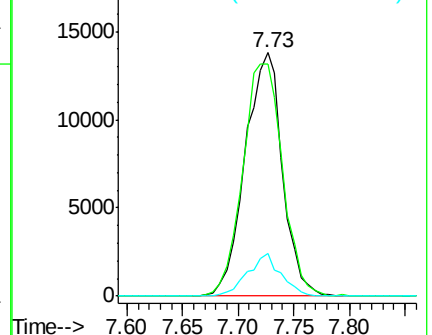
192 15.3 13.4 20.2

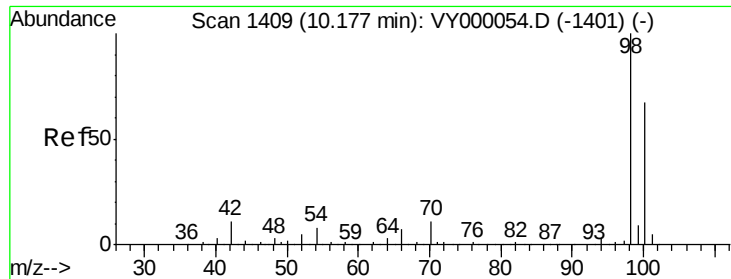


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.214 ug/l

RT: 10.18 min Scan# 1409

Delta R.T. -0.00 min

Lab File: VY000085.D

Acq: 19 Sep 2019 18:15

Instrument :

MSVOA_Y

ClientSampled :

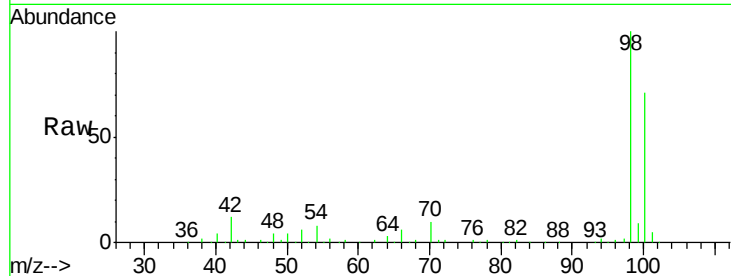
TPA-9

Tot Ion: 98 Resp: 131411

Ion Ratio Lower Upper

98 100

100 68.1 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

10.18

80000

60000

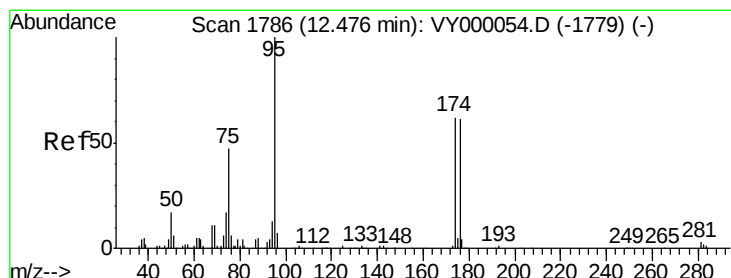
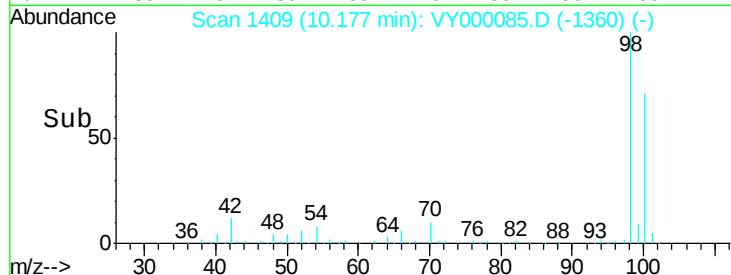
40000

20000

0

Time-->

10.10 10.15 10.20 10.25



#62

4-Bromofluorobenzene

Concen: 41.838 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. -0.00 min

Lab File: VY000085.D

Acq: 19 Sep 2019 18:15

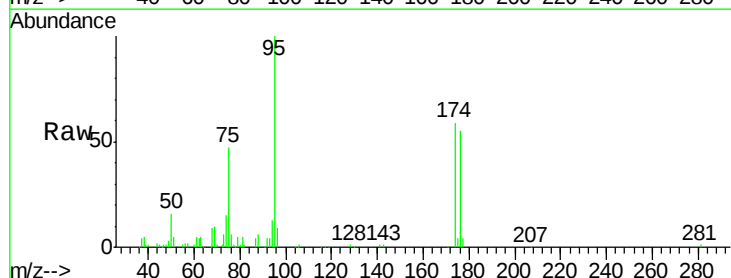
Tgt Ion: 95 Resp: 40651

Ion Ratio Lower Upper

95 100

174 65.7 0.0 137.2

176 60.9 0.0 135.0



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

30000

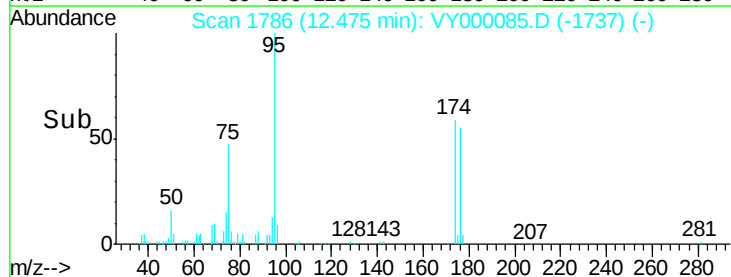
20000

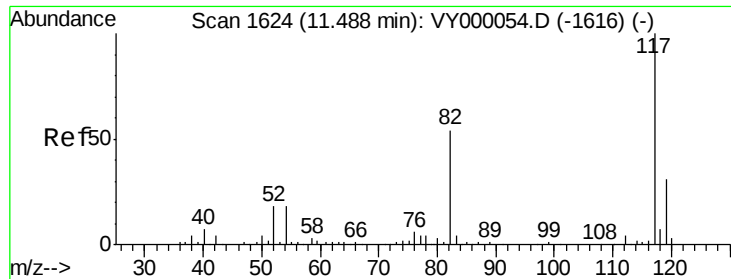
10000

0

Time-->

12.40 12.45 12.50 12.55

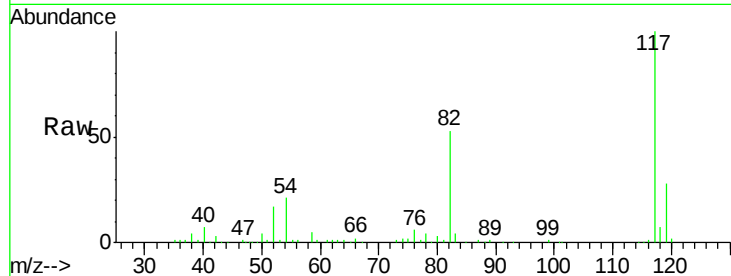




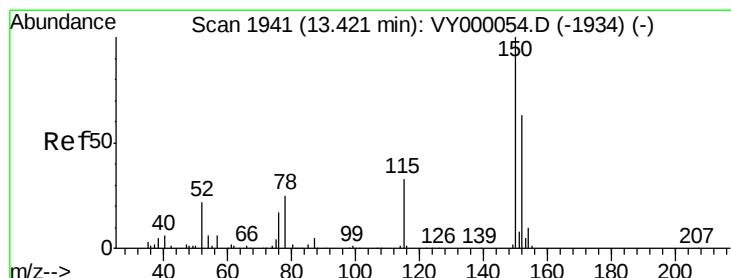
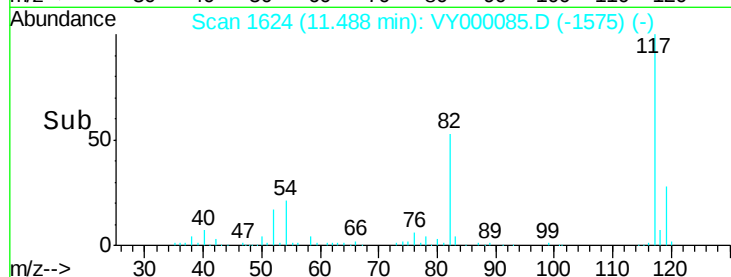
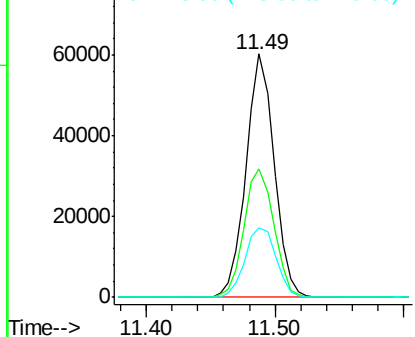
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. -0.00 min
Lab File: VY000085.D
Acq: 19 Sep 2019 18:15

Instrument :
MSVOA_Y
ClientSampleId :
TPA-9

Tot Ion:117 Resp: 90632
Ion Ratio Lower Upper
117 100
82 52.9 43.5 65.3
119 28.4 24.6 36.8

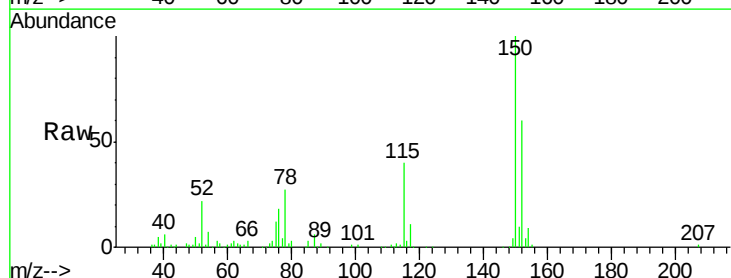


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

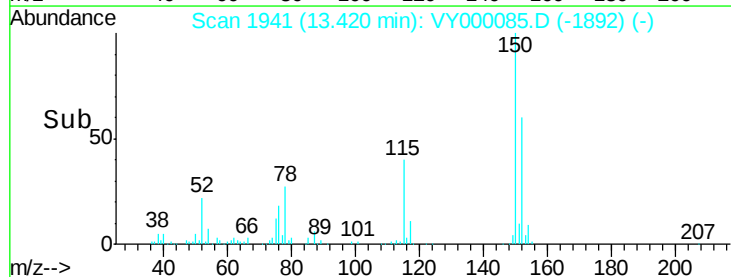
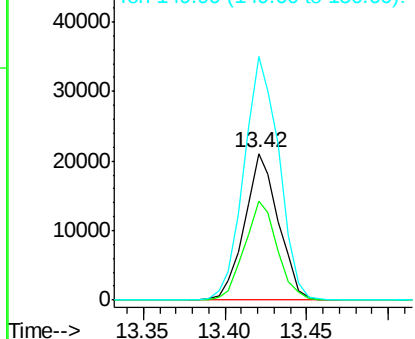


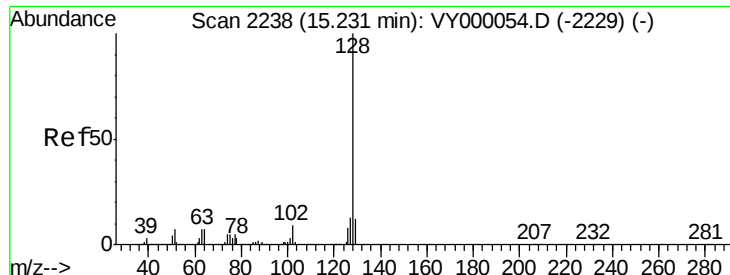
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VY000085.D
Acq: 19 Sep 2019 18:15

Tgt Ion:152 Resp: 30474
Ion Ratio Lower Upper
152 100
115 65.7 30.7 92.1
150 171.8 0.0 351.6



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: 2.658 ug/l

RT: 15.23 min Scan# 2238

Delta R.T. -0.00 min

Lab File: VY000085.D

Acq: 19 Sep 2019 18:15

Instrument :

MSVOA_Y

ClientSampleId :

TPA-9

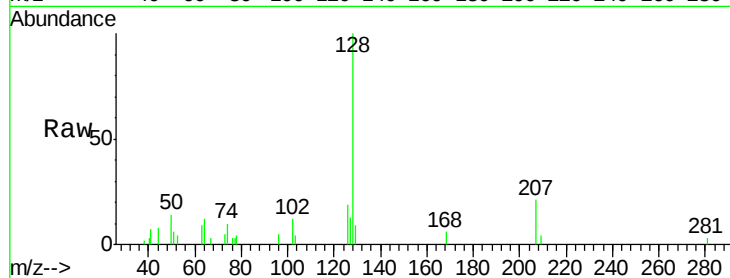
Tot Ion:128 Resp: 4351

Ion Ratio Lower Upper

128 100

127 15.9 10.3 15.5#

129 7.9 9.2 13.8#



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

