

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102419\
 Data File : VY000406.D
 Acq On : 24 Oct 2019 13:55
 Operator : SY/MD
 Sample : K5499-02
 Misc : 3.62G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 193-26-(1)

Quant Time: Oct 25 07:04:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 17 02:03:07 2019
 Response via : Initial Calibration

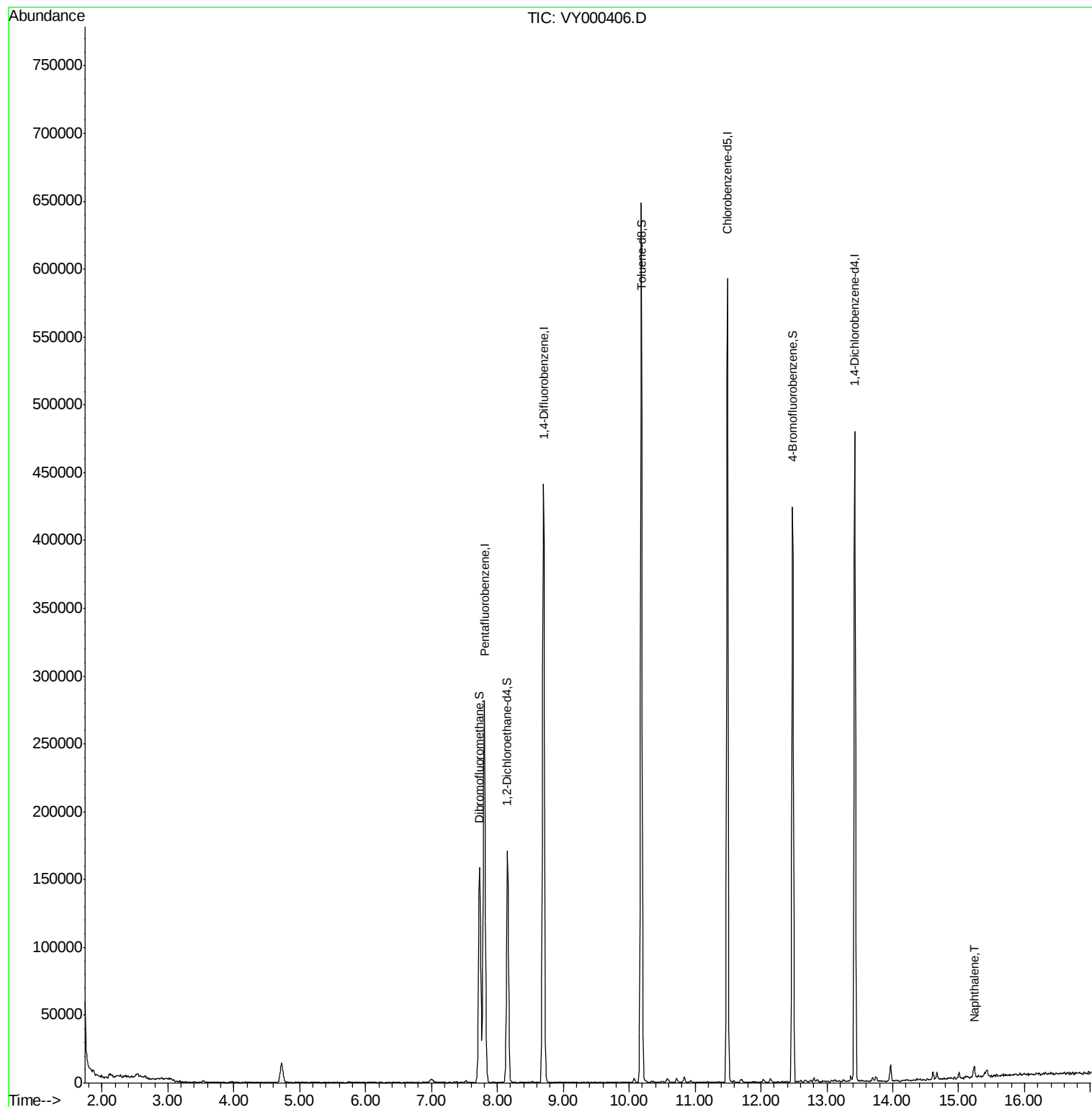
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	222785	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	379402	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	312946	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	115585	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	127180	54.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.24%	
35) Dibromofluoromethane	7.73	113	109161	47.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.40%	
50) Toluene-d8	10.19	98	431810	49.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.10%	
62) 4-Bromofluorobenzene	12.48	95	124062	37.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.18%	
Target Compounds						
95) Naphthalene	15.23	128	6499	1.170	ug/l	Qvalue 96

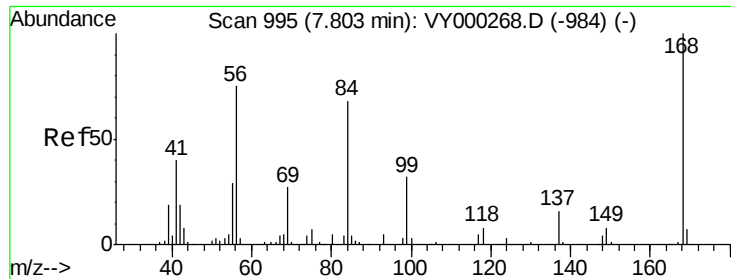
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000406.D

Acq: 24 Oct 2019 13:55

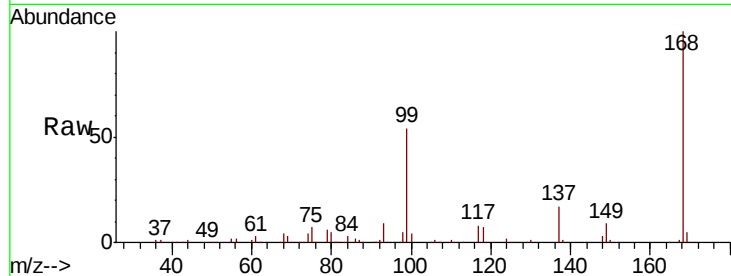
Instrument :
MSVOA_Y
ClientSampled :
193-26-(1)

Tot Ion:168 Resp: 222785

Ion Ratio Lower Upper

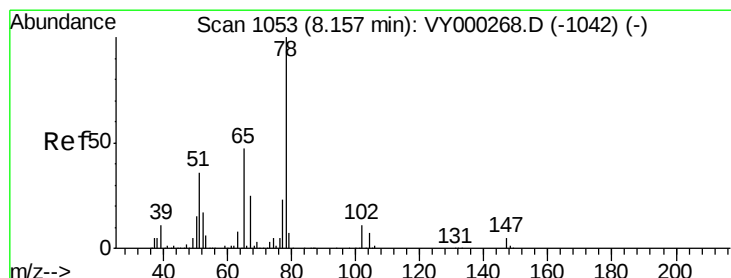
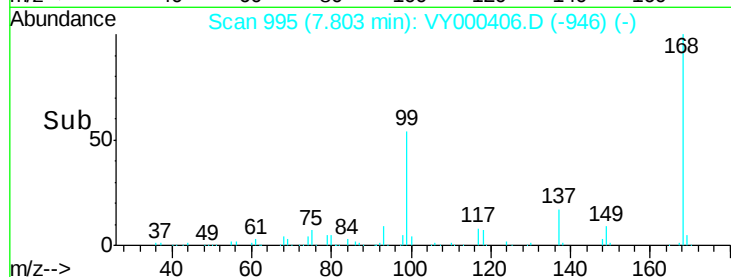
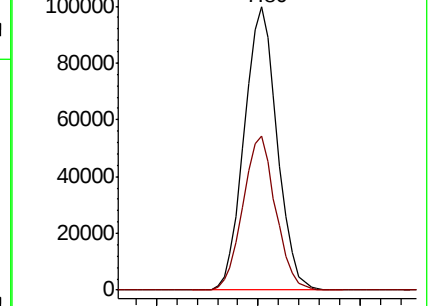
168 100

99 54.5 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000406.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000406.D (-946) (-)



#33

1,2-Dichloroethane-d4

Concen: 54.118 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY000406.D

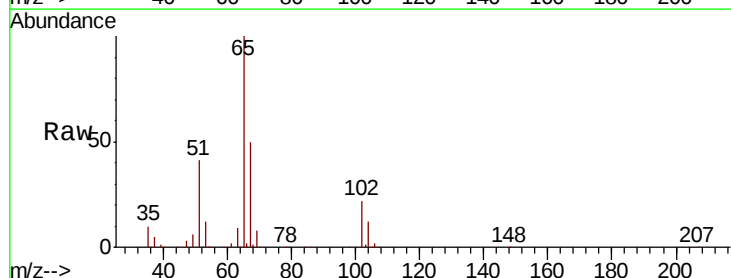
Acq: 24 Oct 2019 13:55

Tgt Ion: 65 Resp: 127180

Ion Ratio Lower Upper

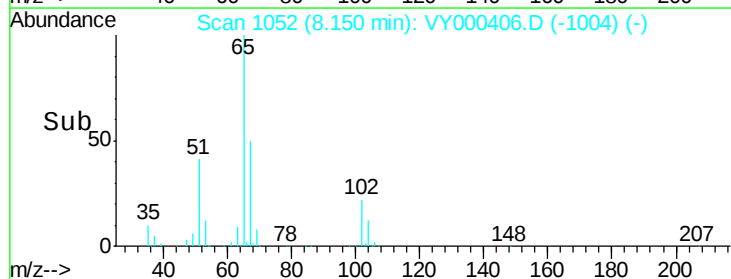
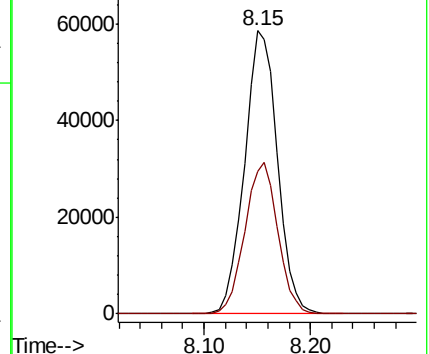
65 100

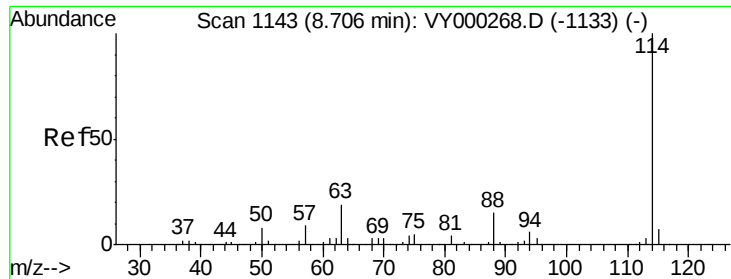
67 53.6 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VY000406.D (-1004) (-)

Ion 66.90 (66.60 to 67.60): VY000406.D (-1004) (-)

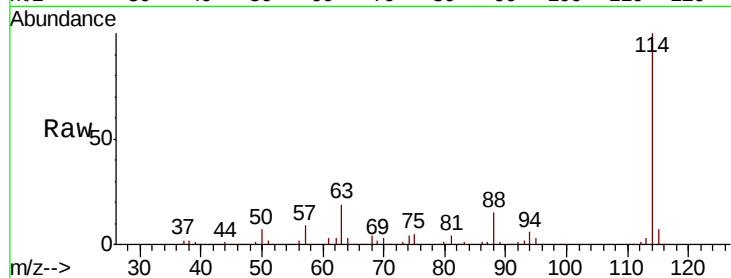




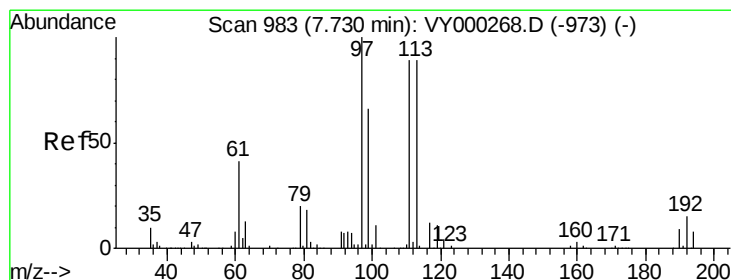
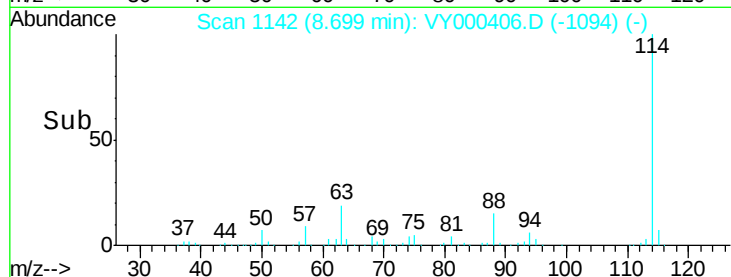
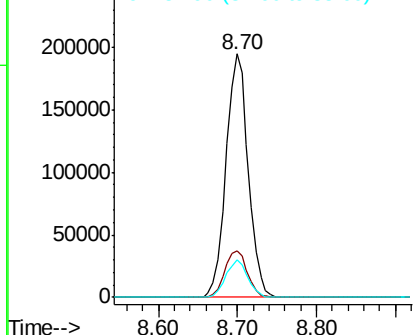
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VY000406.D
Acq: 24 Oct 2019 13:55

Instrument :
MSVOA_Y
ClientSampled :
193-26-(1)

Tot Ion:114 Resp: 379402
Ion Ratio Lower Upper
114 100
63 19.3 0.0 37.2
88 15.2 0.0 30.2

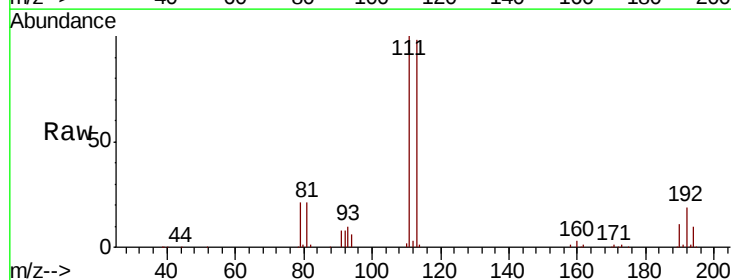


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VY0
Ion 87.90 (87.60 to 88.60): VY0

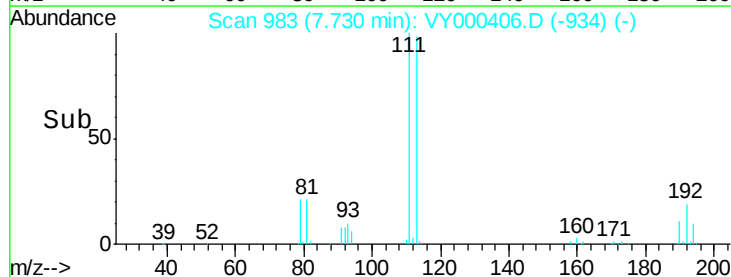
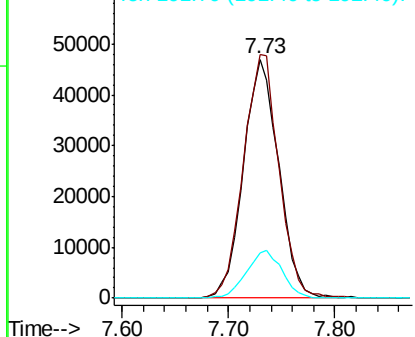


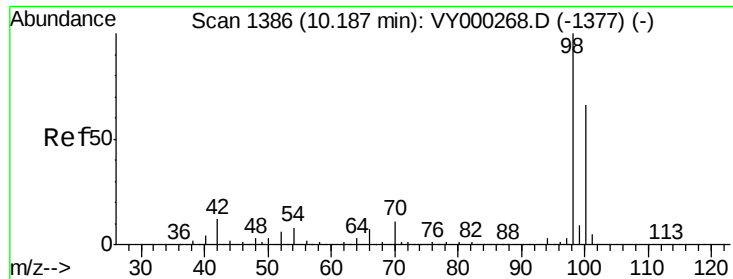
#35
Dibromofluoromethane
Concen: 47.698 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY000406.D
Acq: 24 Oct 2019 13:55

Tgt Ion:113 Resp: 109161
Ion Ratio Lower Upper
113 100
111 103.1 81.6 122.4
192 20.0 15.3 22.9



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: 49.049 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY000406.D

Acq: 24 Oct 2019 13:55

Instrument :

MSVOA_Y

ClientSampleId :

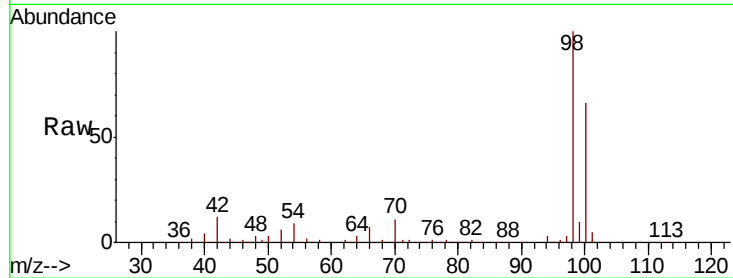
193-26-(1)

Tot Ion: 98 Resp: 431810

Ion Ratio Lower Upper

98 100

100 65.9 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VY000406.D (-1377) (-)

Ion 100.00 (99.70 to 100.70): VY000406.D (-1377) (-)

10.19

250000

200000

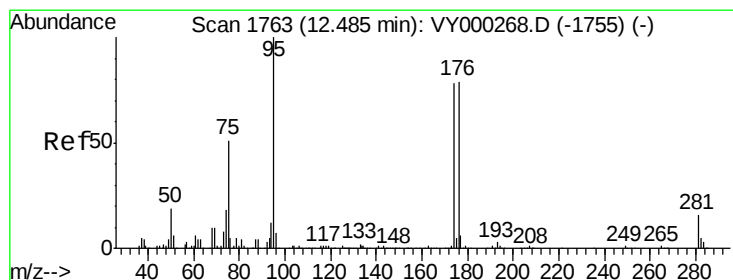
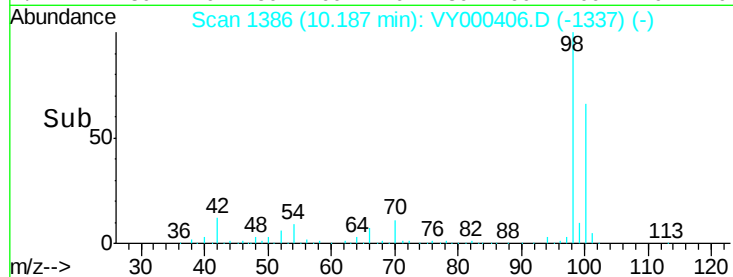
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 37.093 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY000406.D

Acq: 24 Oct 2019 13:55

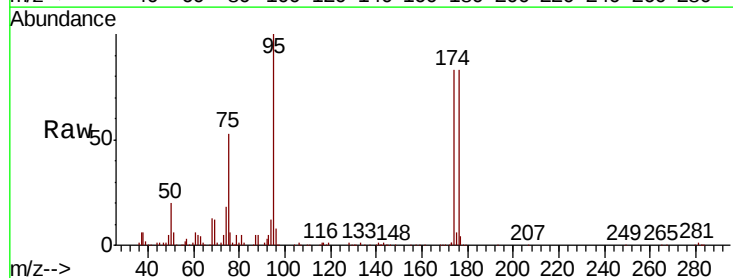
Tgt Ion: 95 Resp: 124062

Ion Ratio Lower Upper

95 100

174 85.3 0.0 159.6

176 83.2 0.0 153.8



Abundance Ion 94.90 (94.60 to 95.60): VY000406.D (-1714) (-)

Ion 173.80 (173.50 to 174.50): VY000406.D (-1714) (-)

Ion 175.80 (175.50 to 176.50): VY000406.D (-1714) (-)

12.48

100000

80000

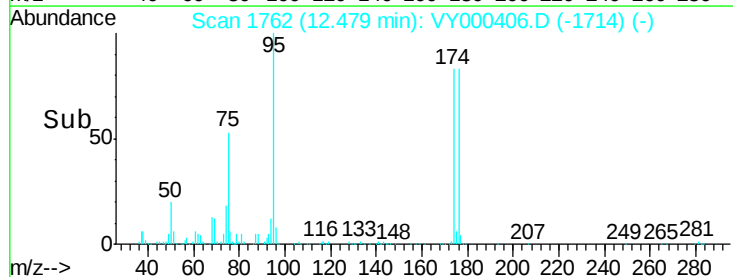
60000

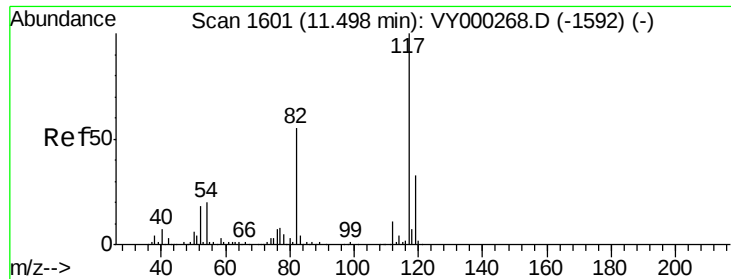
40000

20000

0

Time-->

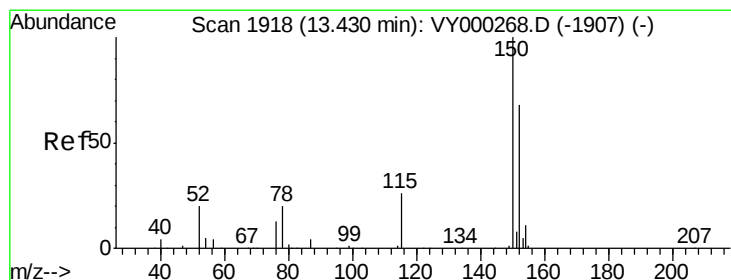
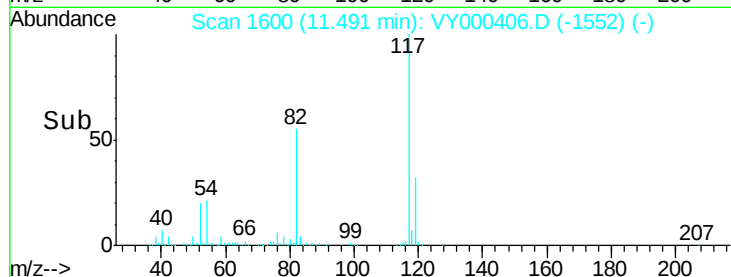
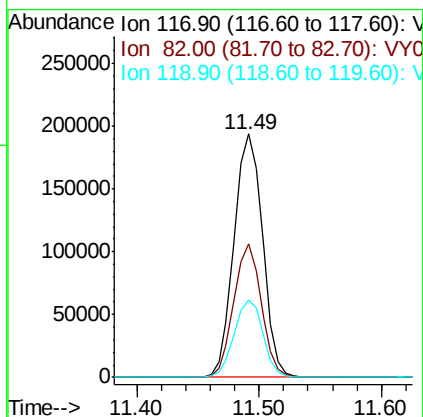
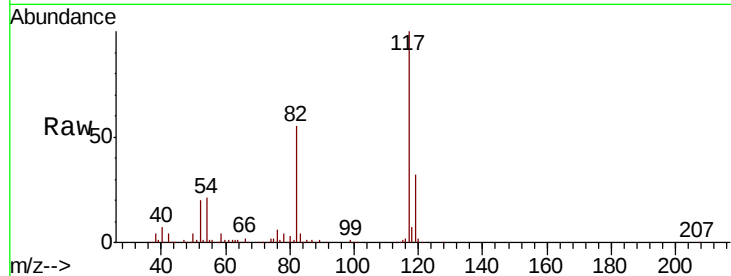




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000406.D
Acq: 24 Oct 2019 13:55

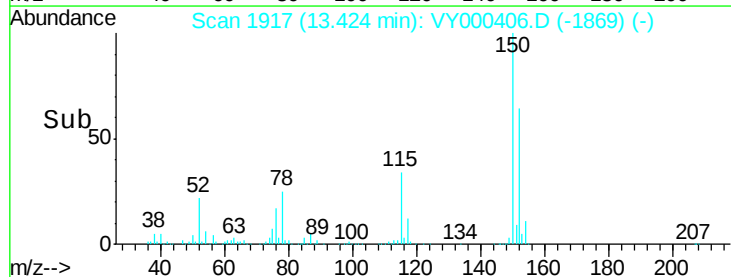
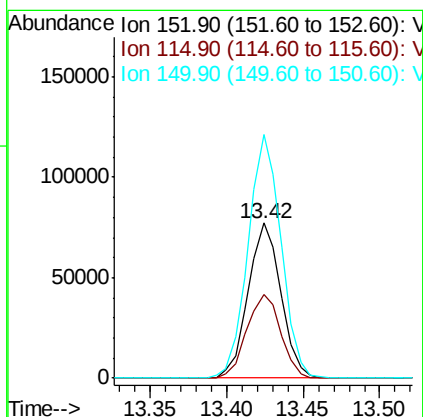
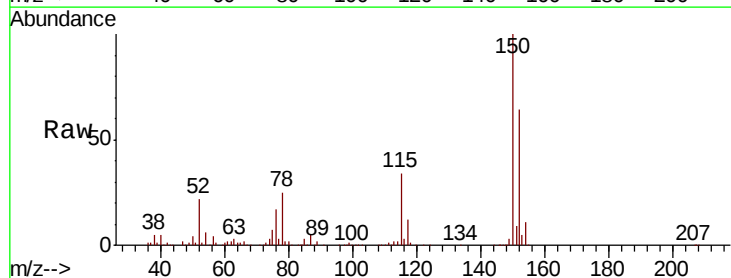
Instrument :
MSVOA_Y
ClientSampleId :
193-26-(1)

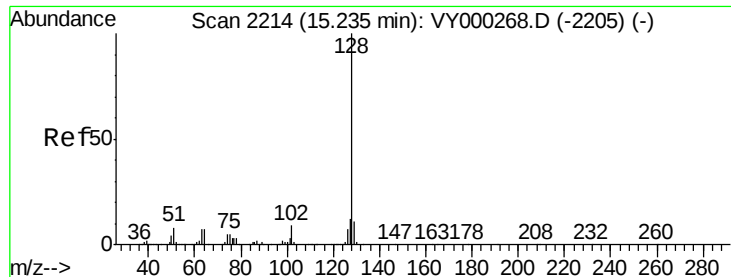
Tot Ion:117 Resp: 312946
Ion Ratio Lower Upper
117 100
82 54.7 43.7 65.5
119 31.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000406.D
Acq: 24 Oct 2019 13:55

Tgt Ion:152 Resp: 115585
Ion Ratio Lower Upper
152 100
115 55.7 29.3 88.0
150 157.0 0.0 348.4





#95

Naphthalene

Concen: 1.170 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY000406.D

Acq: 24 Oct 2019 13:55

Instrument :

MSVOA_Y

ClientSampleId :

193-26-(1)

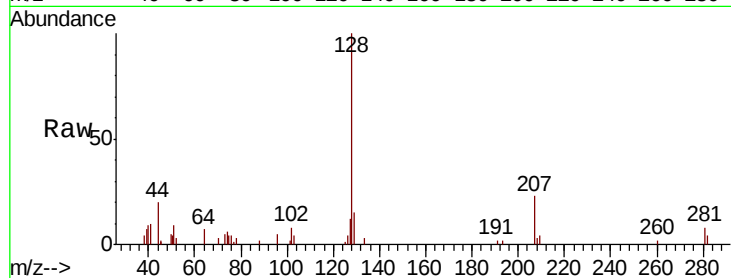
Tot Ion:128 Resp: 6499

Ion Ratio Lower Upper

128 100

127 14.1 9.6 14.4

129 10.0 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

