

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012420\
 Data File : VY001387.D
 Acq On : 24 Jan 2020 17:02
 Operator : SY/MD
 Sample : L1247-33
 Misc : 6.98G/5ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-19-18

Quant Time: Jan 25 04:40:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

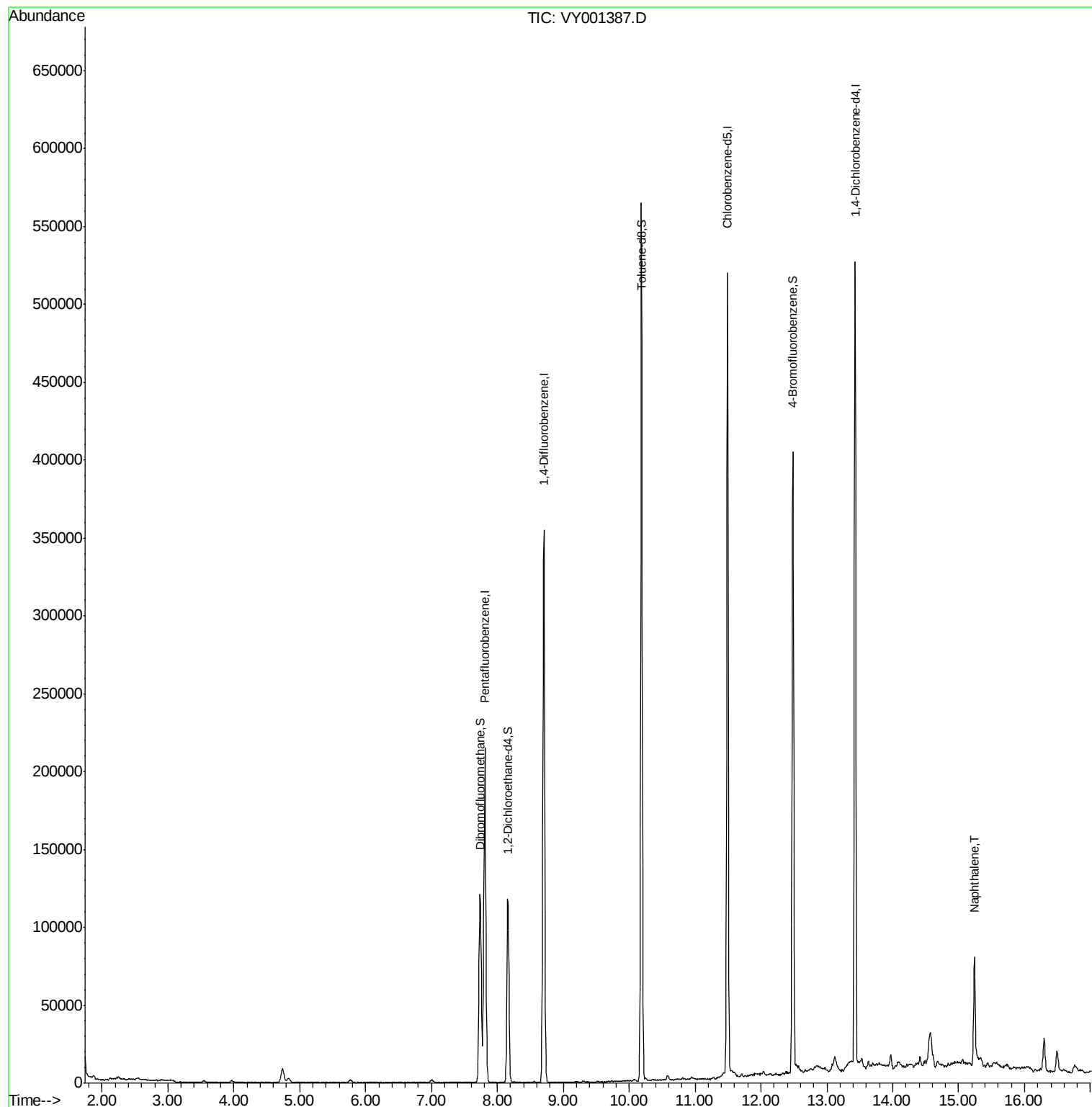
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	163915	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.71	114	302365	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	276157	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	126512	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	87729	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
35) Dibromofluoromethane	7.74	113	87217	49.15	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	98.30%	
50) Toluene-d8	10.19	98	360420	52.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.54%	
62) 4-Bromofluorobenzene	12.49	95	130234	47.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.86%	
Target Compounds						
95) Naphthalene	15.24	128	53276	8.839	ug/l	Qvalue 98

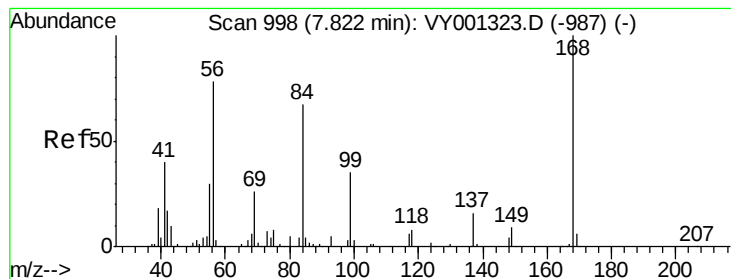
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001387.D

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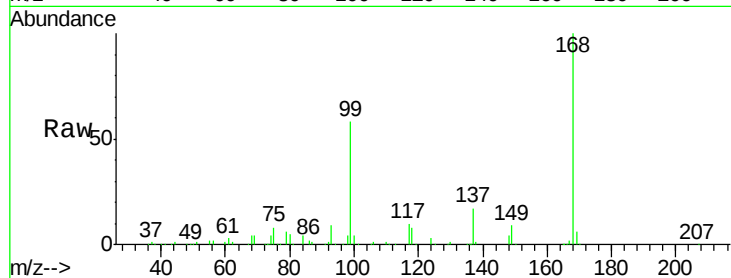
Instrument :
MSVOA_Y
ClientSampleId :
TP-19-18

Tot Ion:168 Resp: 163915

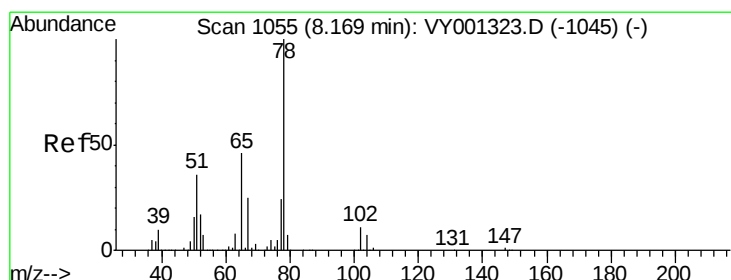
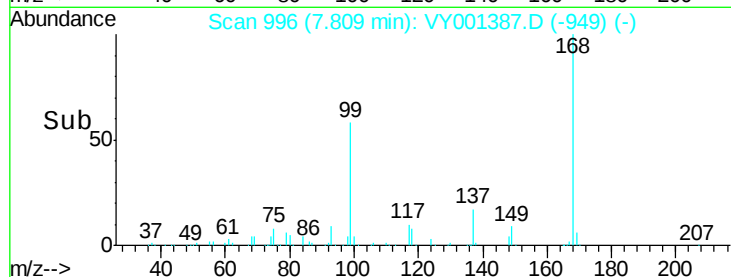
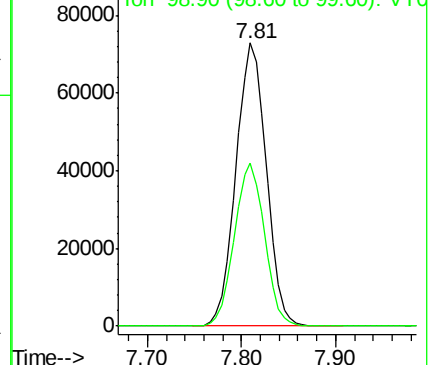
Ion Ratio Lower Upper

168 100

99 57.6 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY001323.D (-987) (-)



#33

1,2-Dichloroethane-d4

Concen: 49.186 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY001387.D

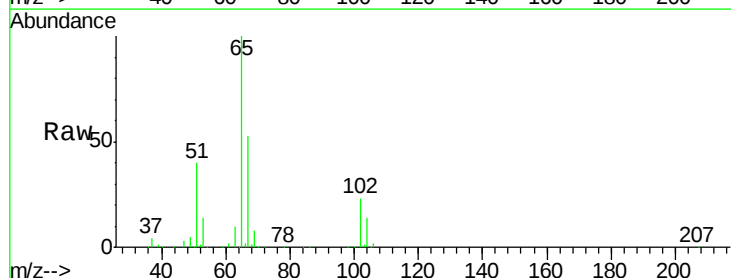
Acq: 24 Jan 2020 17:02

Tgt Ion: 65 Resp: 87729

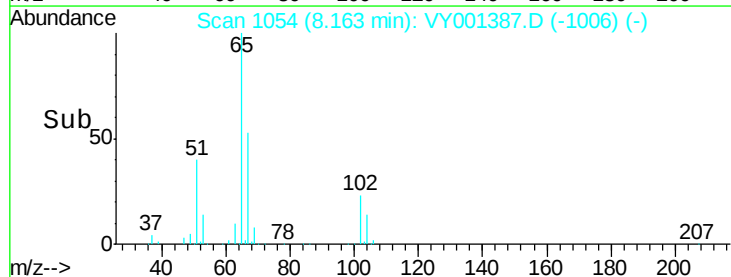
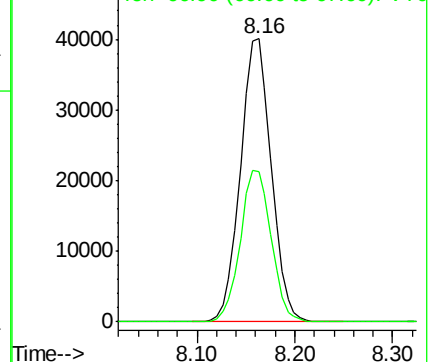
Ion Ratio Lower Upper

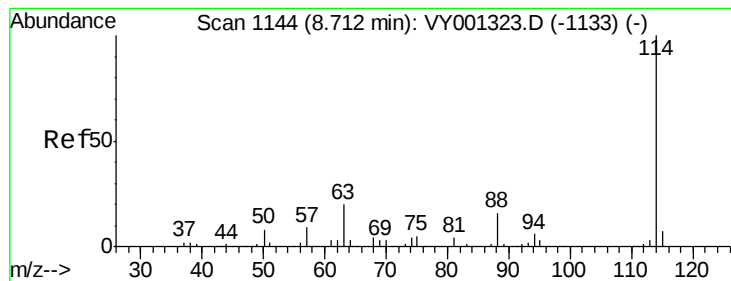
65 100

67 53.7 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY001323.D (-1045) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VY001387.D

Acq: 24 Jan 2020 17:02

Instrument :

MSVOA_Y

ClientSampleId :

TP-19-18

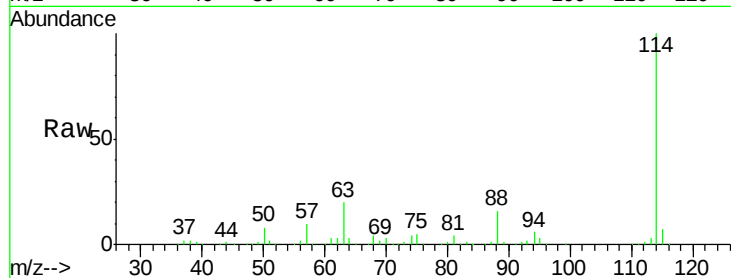
Tot Ion:114 Resp: 302365

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.8

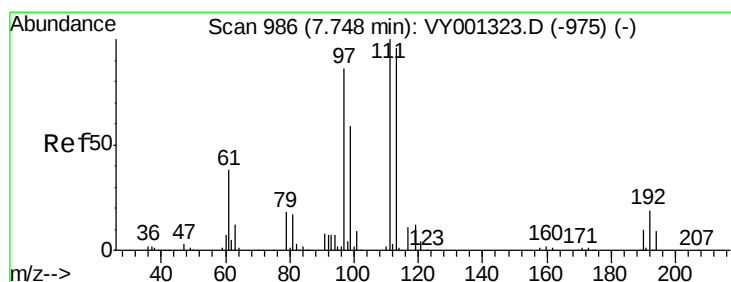
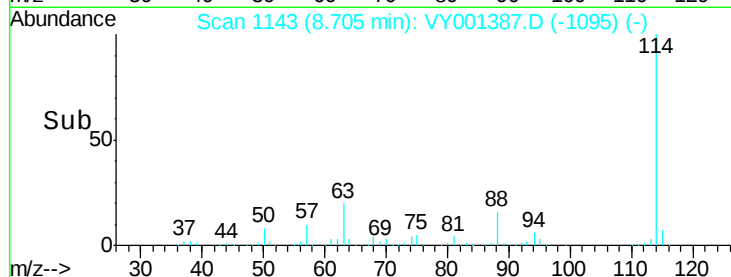
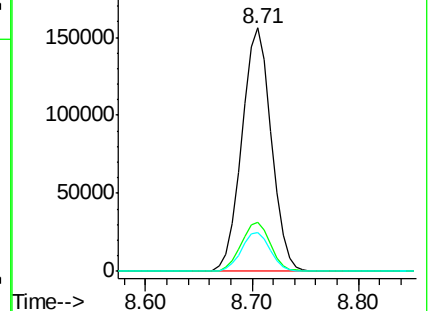
88 15.8 0.0 31.0



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: 49.147 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.01 min

Lab File: VY001387.D

Acq: 24 Jan 2020 17:02

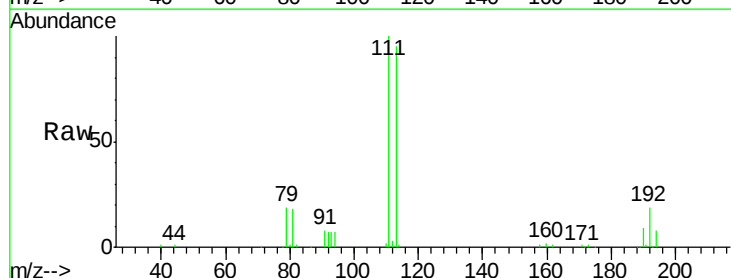
Tgt Ion:113 Resp: 87217

Ion Ratio Lower Upper

113 100

111 103.0 82.8 124.2

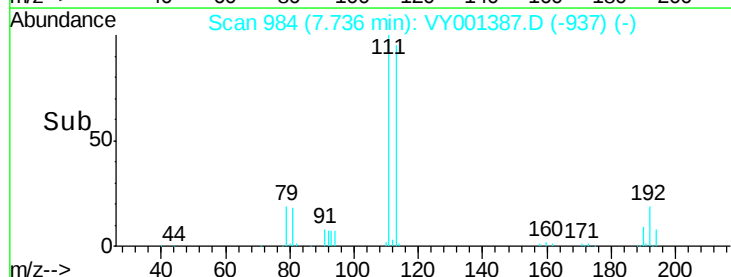
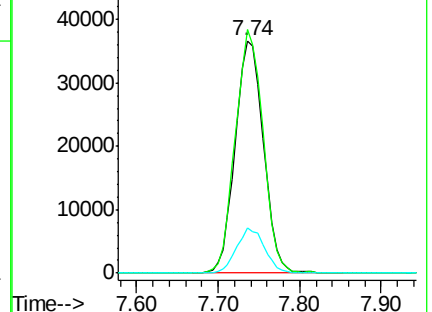
192 19.3 15.5 23.3

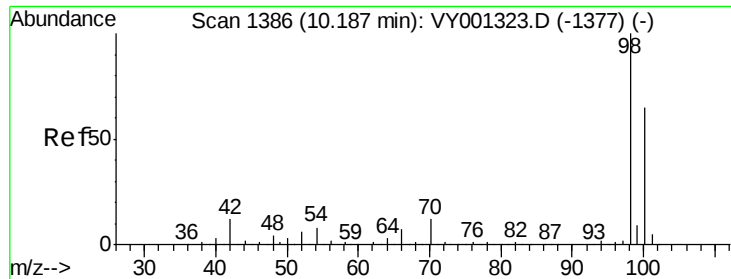


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.275 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY001387.D

Acq: 24 Jan 2020 17:02

Instrument :

MSVOA_Y

ClientSampleId :

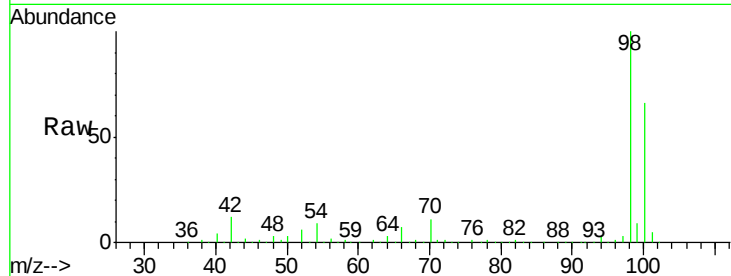
TP-19-18

Tot Ion: 98 Resp: 360420

Ion Ratio Lower Upper

98 100

100 66.0 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VY001323.D (-1377) (-)

Ion 100.00 (99.70 to 100.70): VY001387.D (-1337) (-)

10.19

200000

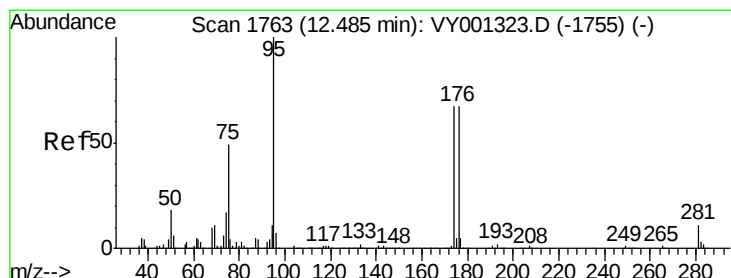
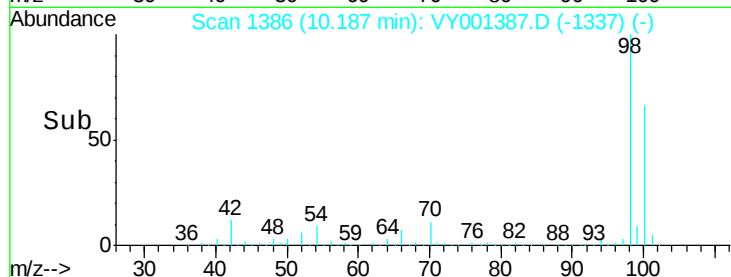
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.432 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VY001387.D

Acq: 24 Jan 2020 17:02

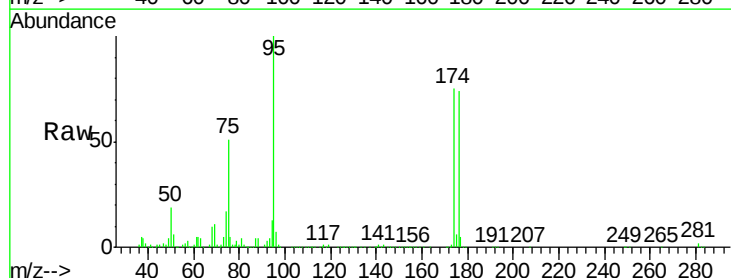
Tgt Ion: 95 Resp: 130234

Ion Ratio Lower Upper

95 100

174 75.1 0.0 142.0

176 71.4 0.0 138.6



Abundance Ion 94.90 (94.60 to 95.60): VY001323.D (-1755) (-)

Ion 173.80 (173.50 to 174.50): VY001387.D (-1714) (-)

Ion 175.80 (175.50 to 176.50): VY001387.D (-1714) (-)

12.49

100000

80000

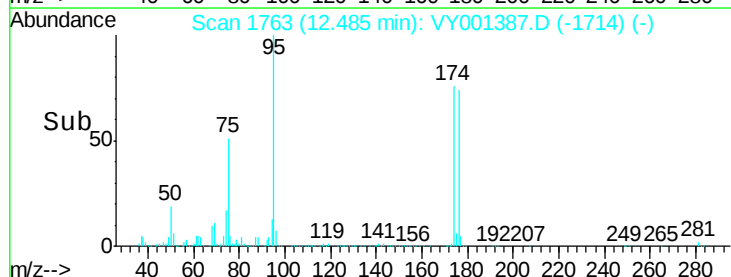
60000

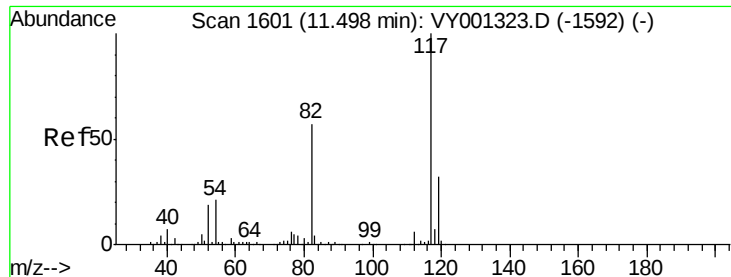
40000

20000

0

Time-->

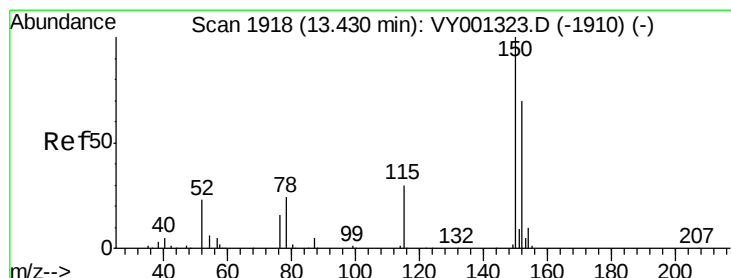
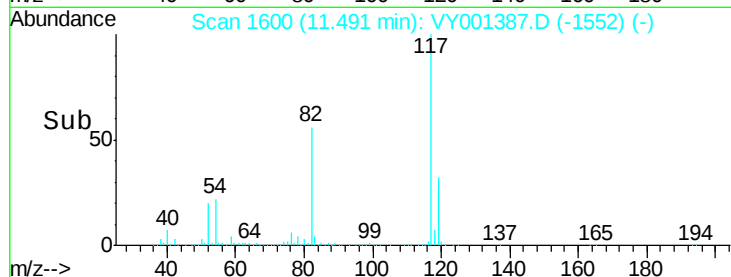
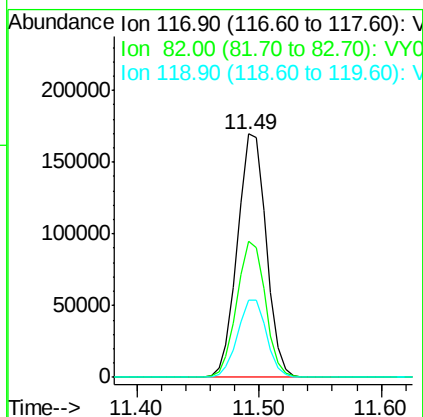
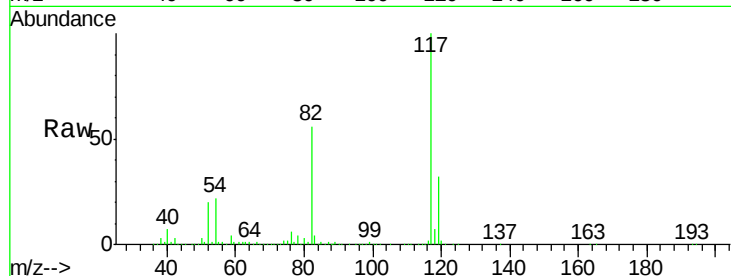




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY001387.D
Acq: 24 Jan 2020 17:02

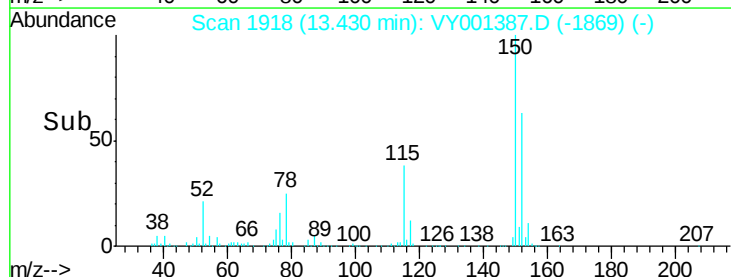
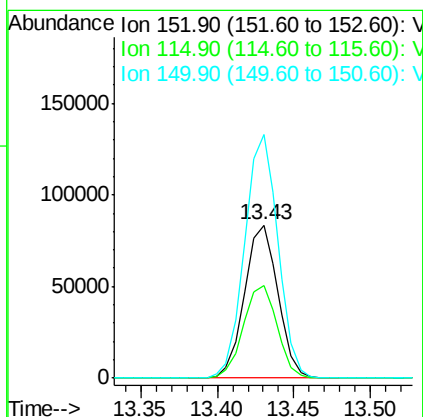
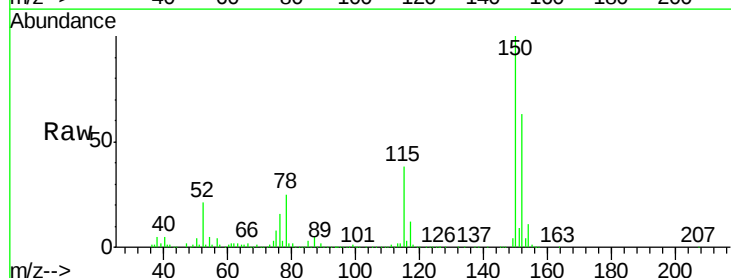
Instrument :
MSVOA_Y
ClientSampleId :
TP-19-18

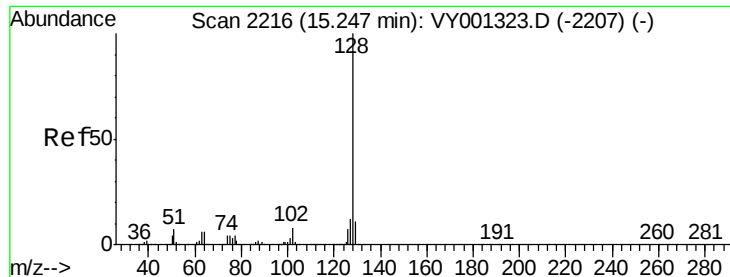
Tot Ion:117 Resp: 276157
Ion Ratio Lower Upper
117 100
82 56.0 45.5 68.3
119 31.9 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VY001387.D
Acq: 24 Jan 2020 17:02

Tgt Ion:152 Resp: 126512
Ion Ratio Lower Upper
152 100
115 61.7 30.9 92.8
150 158.9 0.0 349.2





#95

Naphthalene

Concen: 8.839 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. -0.01 min

Lab File: VY001387.D

Acq: 24 Jan 2020 17:02

Instrument :

MSVOA_Y

ClientSampleId :

TP-19-18

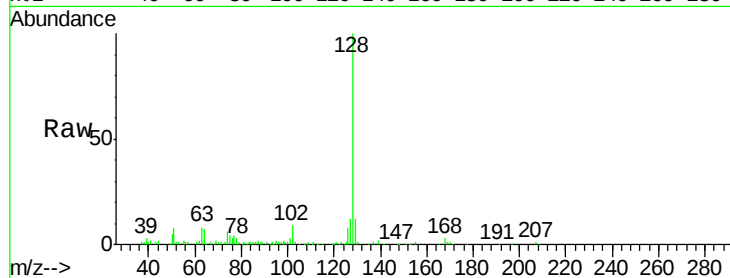
Tot Ion:128 Resp: 53276

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.2

129 11.6 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

