

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012720\
 Data File : VY001405.D
 Acq On : 27 Jan 2020 15:00
 Operator : SY/MD
 Sample : L1247-01
 Misc : 9.51G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4-5

Quant Time: Jan 27 16:25:35 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	7.80	168	170126	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.70	114	309147	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	278719	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	122684	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	94509	51.05	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	102.10%	
35) Dibromofluoromethane	7.73	113	92192	50.81	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	101.62%	
50) Toluene-d8	10.18	98	366208	51.95	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.90%	
62) 4-Bromofluorobenzene	12.48	95	131661	46.90	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.80%	

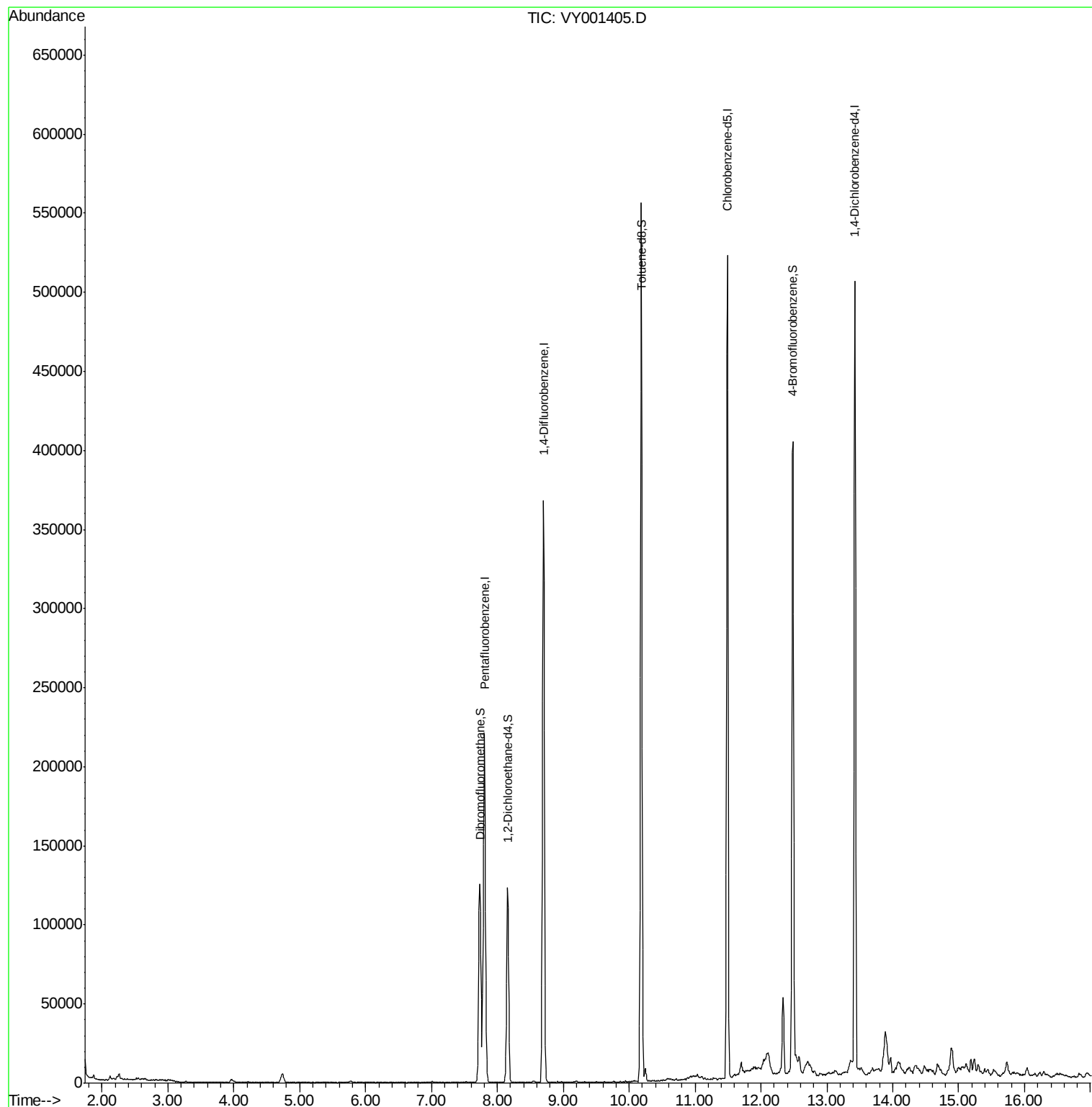
Target Compounds	Qvalue

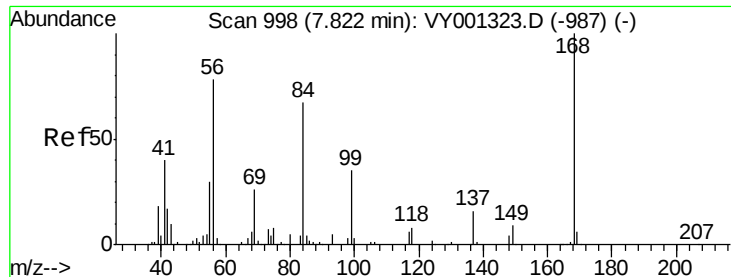
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.02 min

Lab File: VY001405.D

Acq: 27 Jan 2020 15:00

Instrument :

MSVOA_Y

ClientSampled :

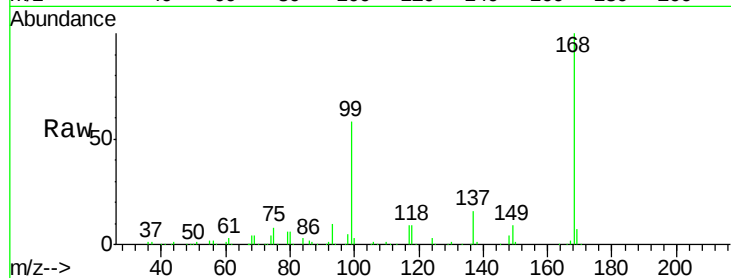
TP-4-5

Tot Ion:168 Resp: 170126

Ion Ratio Lower Upper

168 100

99 57.7 44.3 66.5



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

Ion 98.90 (98.60 to 99.60): VY001323.D (-987) (-)

7.80

80000

60000

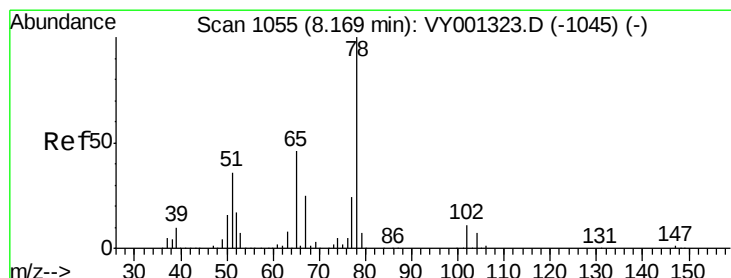
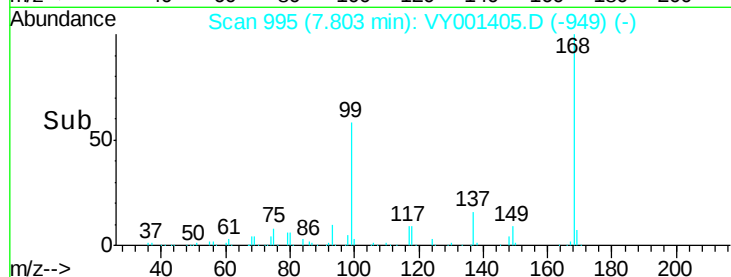
40000

20000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.053 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY001405.D

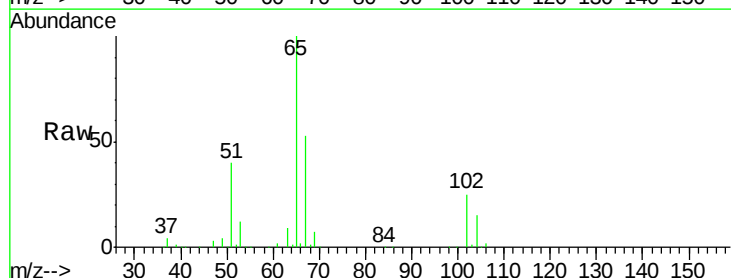
Acq: 27 Jan 2020 15:00

Tgt Ion: 65 Resp: 94509

Ion Ratio Lower Upper

65 100

67 54.1 0.0 108.6



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

Ion 66.90 (66.60 to 67.60): VY001323.D (-1045) (-)

8.16

50000

40000

30000

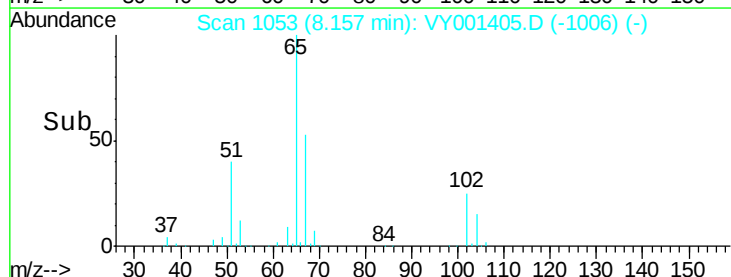
20000

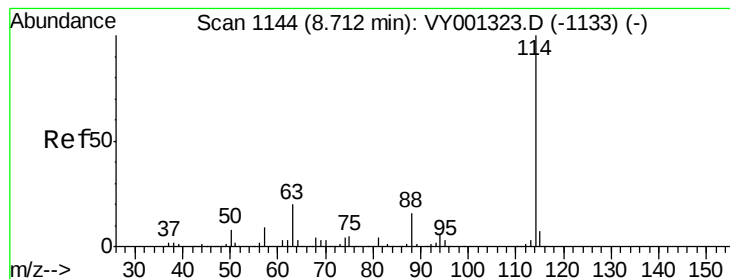
10000

0

8.10 8.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY001405.D

Acq: 27 Jan 2020 15:00

Instrument :

MSVOA_Y

ClientSampleId :

TP-4-5

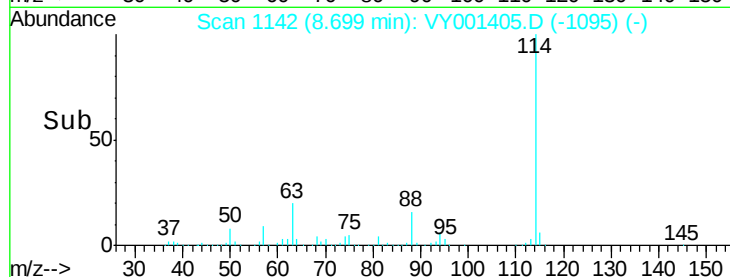
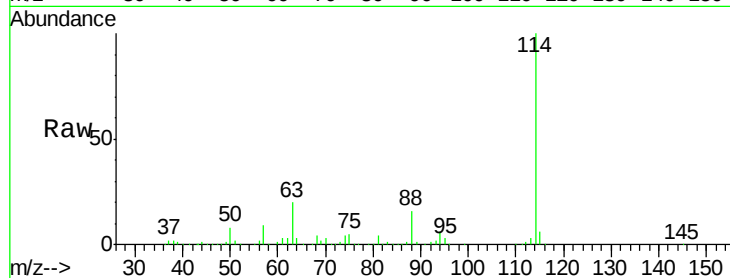
Tot Ion:114 Resp: 309147

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.8

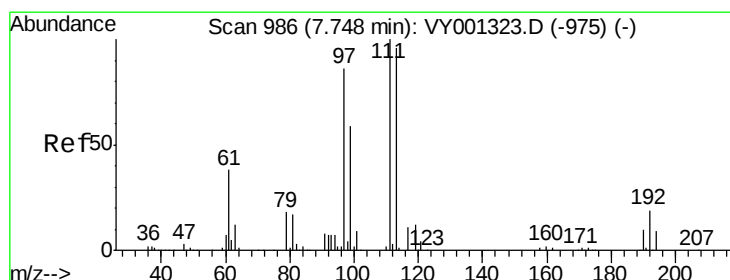
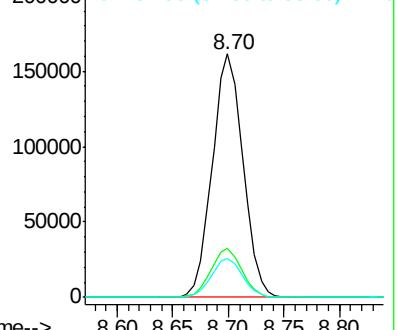
88 15.7 0.0 31.0



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: 50.811 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.02 min

Lab File: VY001405.D

Acq: 27 Jan 2020 15:00

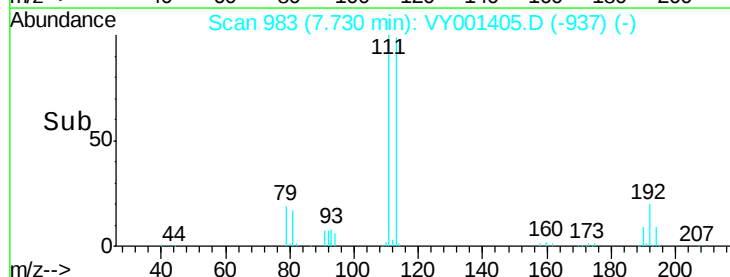
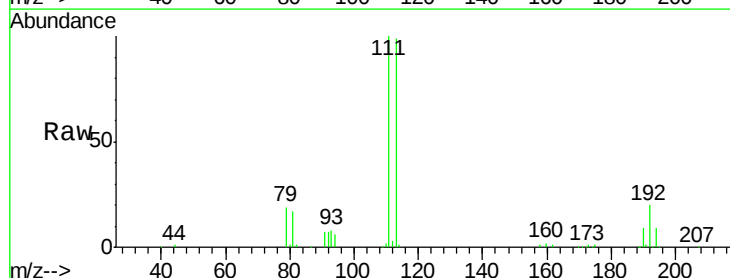
Tgt Ion:113 Resp: 92192

Ion Ratio Lower Upper

113 100

111 102.1 82.8 124.2

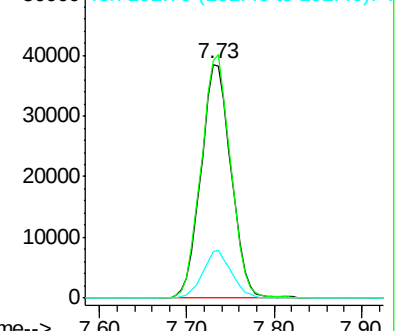
192 19.4 15.5 23.3

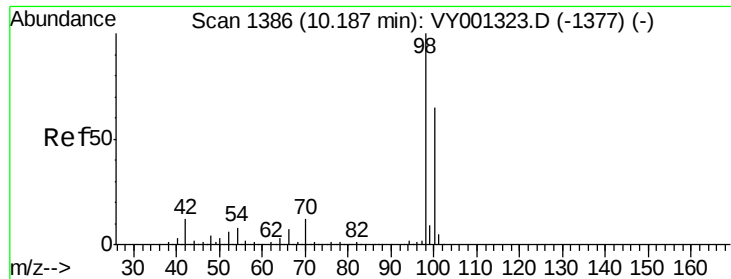


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.949 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY001405.D

Acq: 27 Jan 2020 15:00

Instrument :

MSVOA_Y

ClientSampleId :

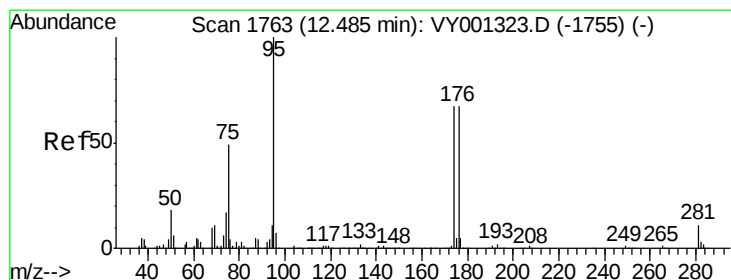
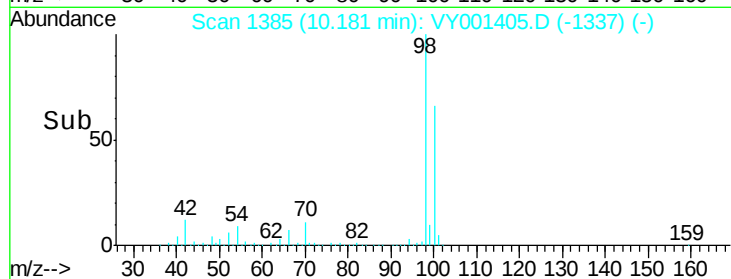
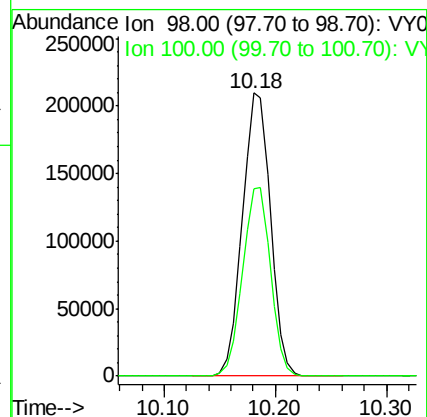
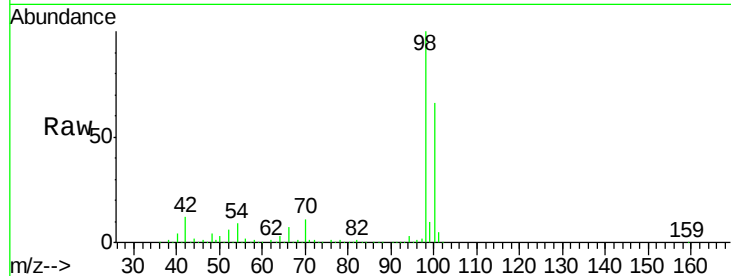
TP-4-5

Tot Ion: 98 Resp: 366208

Ion Ratio Lower Upper

98 100

100 66.4 52.6 79.0



#62

4-Bromofluorobenzene

Concen: 46.900 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY001405.D

Acq: 27 Jan 2020 15:00

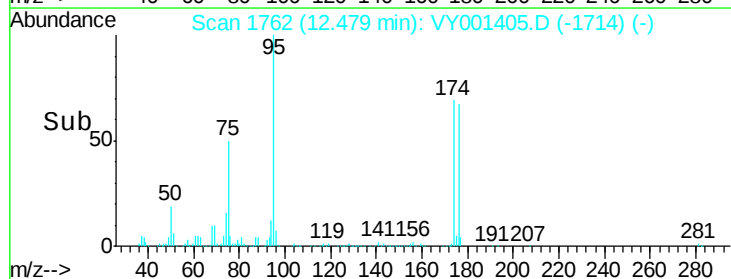
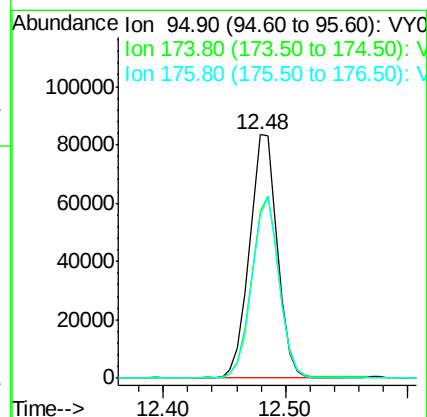
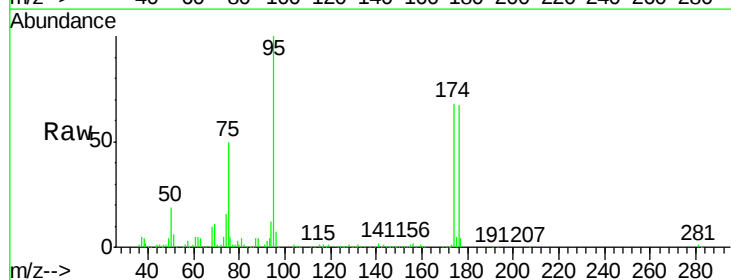
Tgt Ion: 95 Resp: 131661

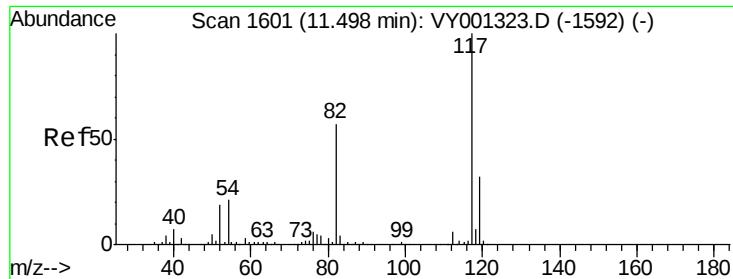
Ion Ratio Lower Upper

95 100

174 73.8 0.0 142.0

176 72.2 0.0 138.6

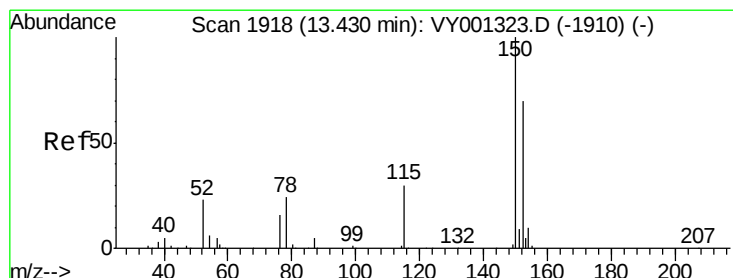
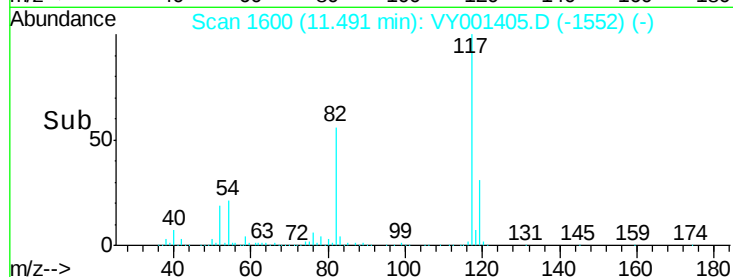
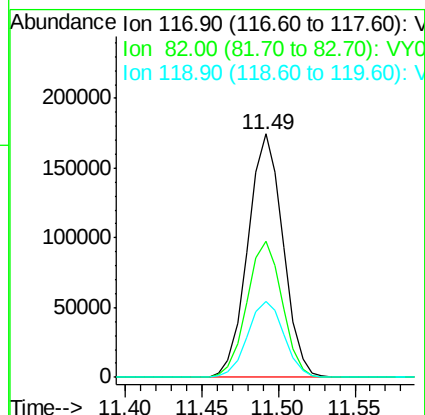
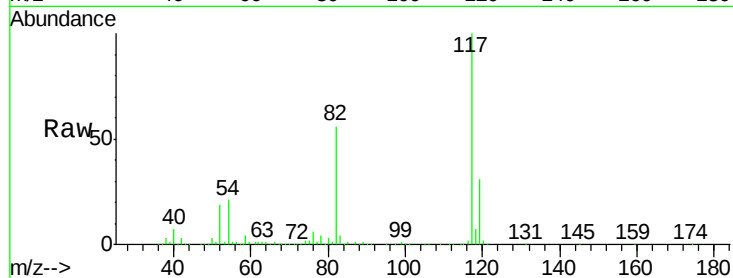




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY001405.D
Acq: 27 Jan 2020 15:00

Instrument :
MSVOA_Y
ClientSampleId :
TP-4-5

Tot Ion:117 Resp: 278719
Ion Ratio Lower Upper
117 100
82 55.9 45.5 68.3
119 31.4 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY001405.D
Acq: 27 Jan 2020 15:00

Tgt Ion:152 Resp: 122684
Ion Ratio Lower Upper
152 100
115 60.9 30.9 92.8
150 157.4 0.0 349.2

