

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012220\
 Data File : VY001329.D
 Acq On : 22 Jan 2020 14:29
 Operator : SY/MD
 Sample : VY0122SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0122SBL01

Quant Time: Jan 23 01:24:57 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	7.82	168	179246	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	328923	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	300892	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	133835	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	106591	54.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.30%	
35) Dibromofluoromethane	7.74	113	97776	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	
50) Toluene-d8	10.19	98	388953	51.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.72%	
62) 4-Bromofluorobenzene	12.49	95	142017	47.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.10%	

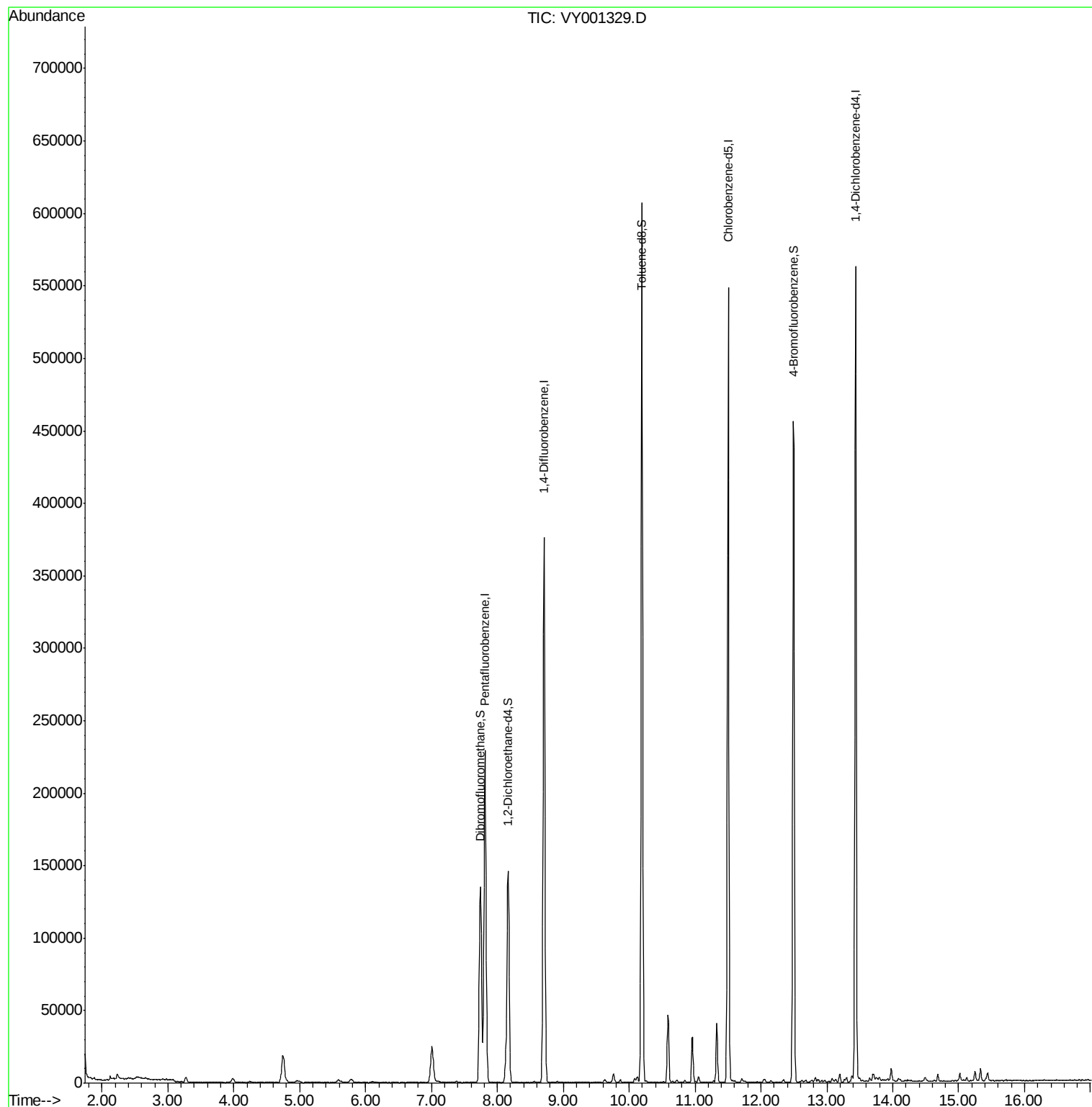
Target Compounds	Qvalue

(#) = 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: 7.82 min Scan# 997

Delta R.T. -0.01 min

Lab File: VY001329.D

Acq: 22 Jan 2020 14:29

Instrument :

MSVOA_Y

ClientSampleId :

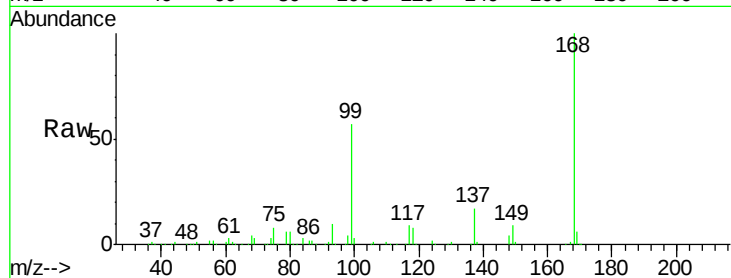
VY0122SBL01

Tot Ion:168 Resp: 179246

Ion Ratio Lower Upper

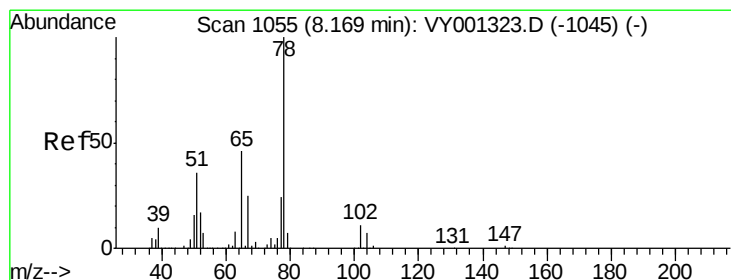
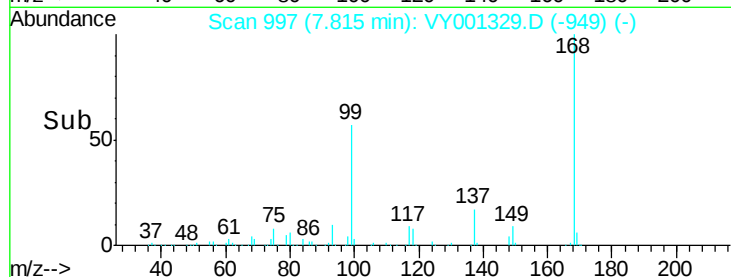
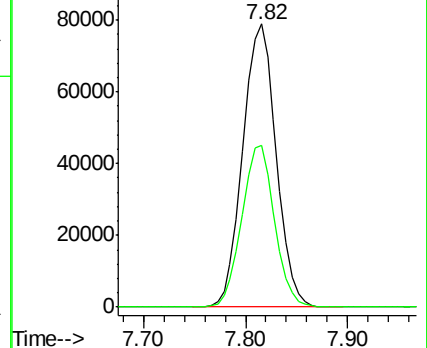
168 100

99 57.3 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) (-)



#33

1,2-Dichloroethane-d4

Concen: 54.650 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY001329.D

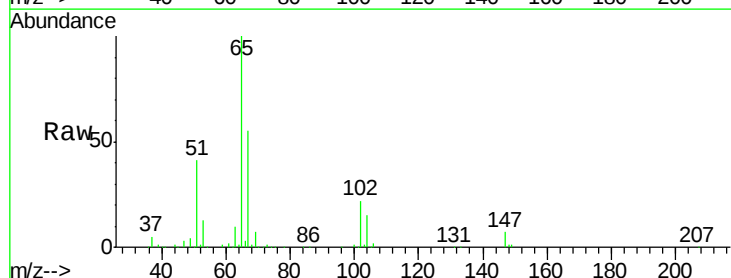
Acq: 22 Jan 2020 14:29

Tgt Ion: 65 Resp: 106591

Ion Ratio Lower Upper

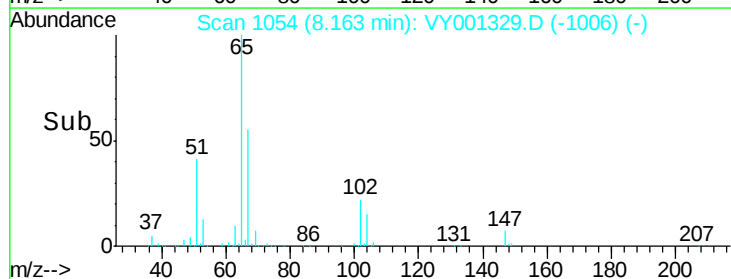
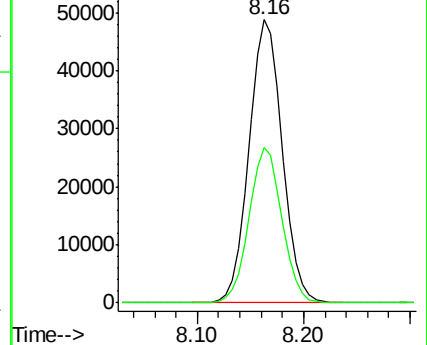
65 100

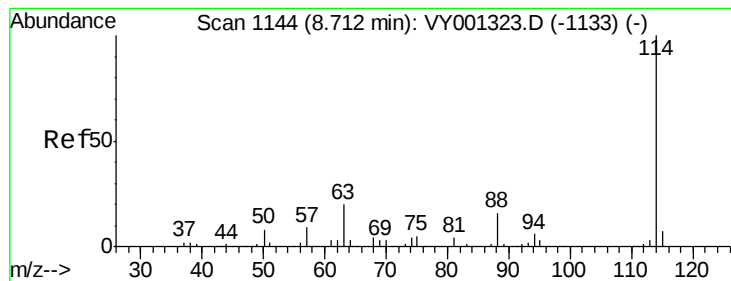
67 54.4 0.0 108.6



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

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





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VY001329.D

Acq: 22 Jan 2020 14:29

Instrument :

MSVOA_Y

ClientSampleId :

VY0122SBL01

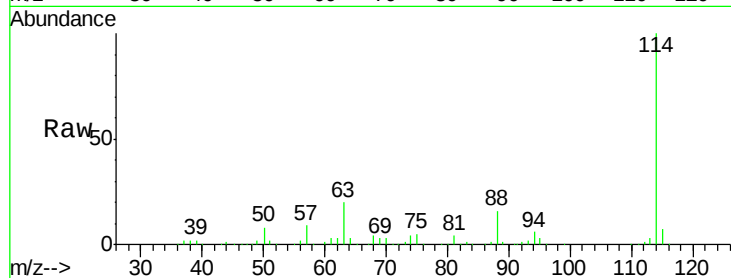
Tot Ion:114 Resp: 328923

Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.8

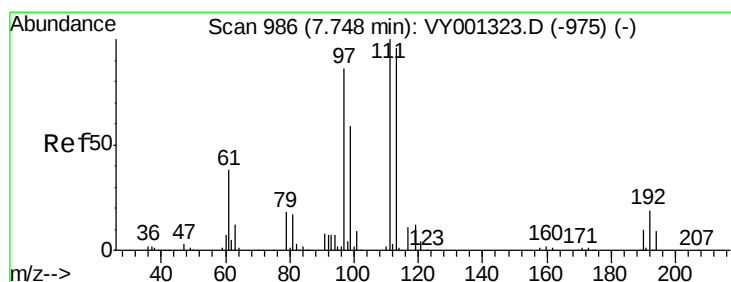
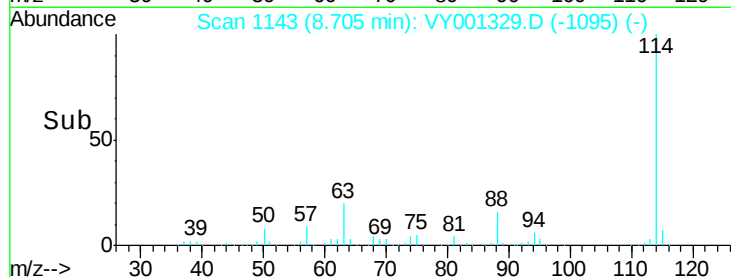
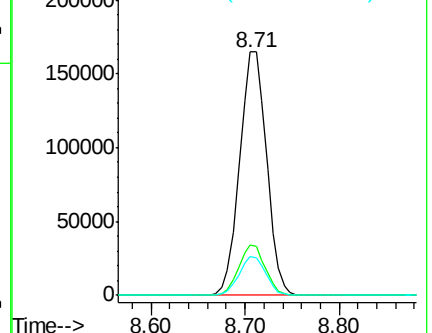
88 15.7 0.0 31.0



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: 50.648 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY001329.D

Acq: 22 Jan 2020 14:29

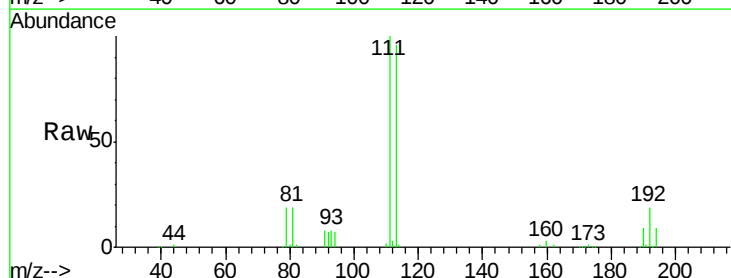
Tgt Ion:113 Resp: 97776

Ion Ratio Lower Upper

113 100

111 102.5 82.8 124.2

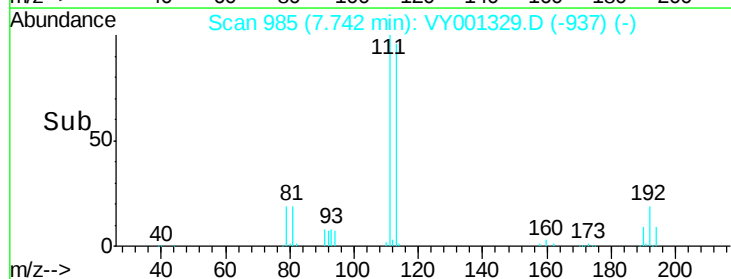
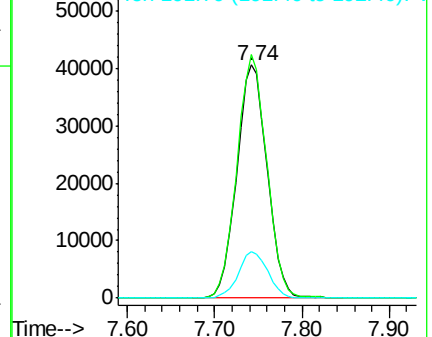
192 19.4 15.5 23.3

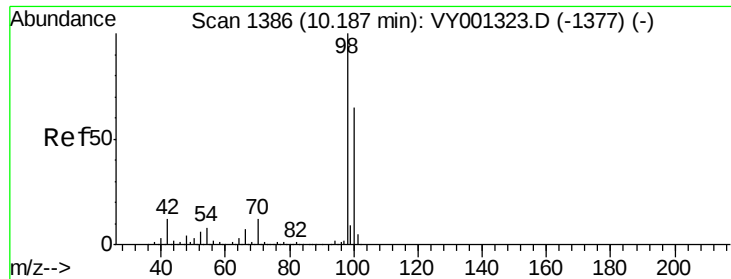


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.858 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY001329.D

Acq: 22 Jan 2020 14:29

Instrument :

MSVOA_Y

ClientSampleId :

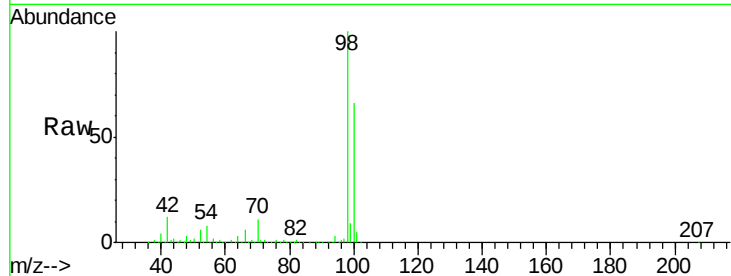
VY0122SBL01

Tot Ion: 98 Resp: 388953

Ion Ratio Lower Upper

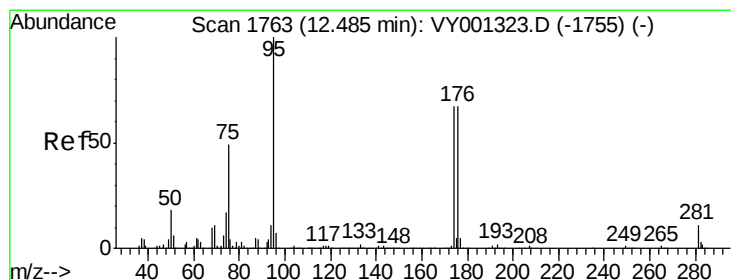
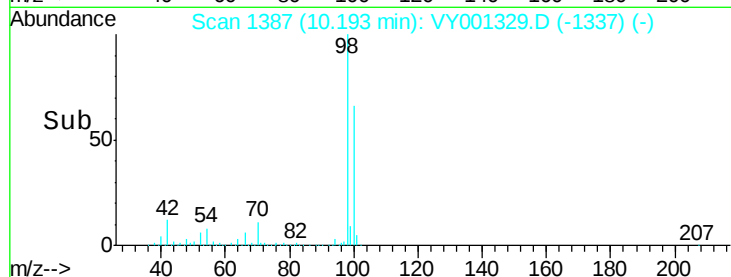
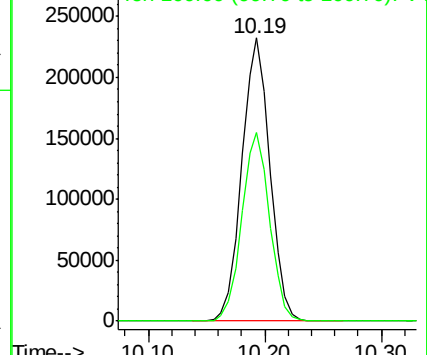
98 100

100 66.1 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0



#62

4-Bromofluorobenzene

Concen: 47.547 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY001329.D

Acq: 22 Jan 2020 14:29

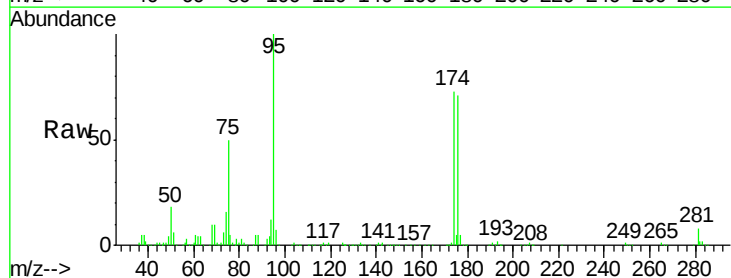
Tgt Ion: 95 Resp: 142017

Ion Ratio Lower Upper

95 100

174 74.1 0.0 142.0

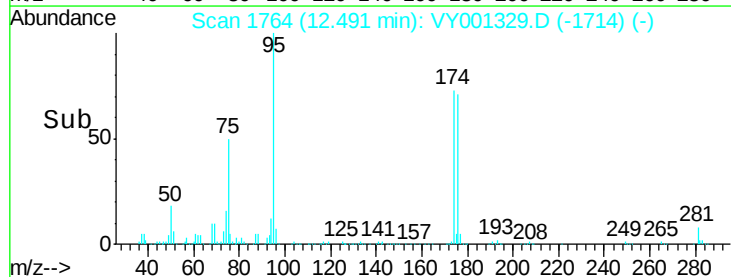
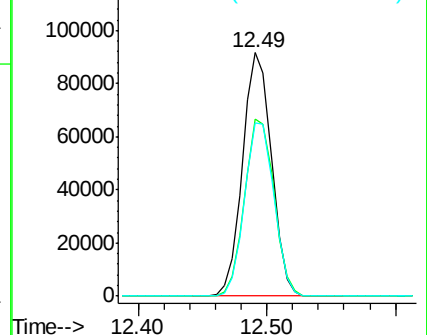
176 72.7 0.0 138.6

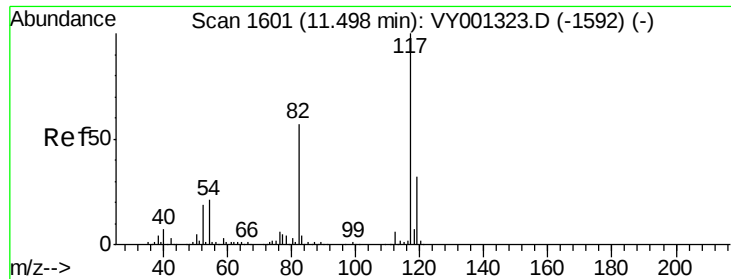


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0

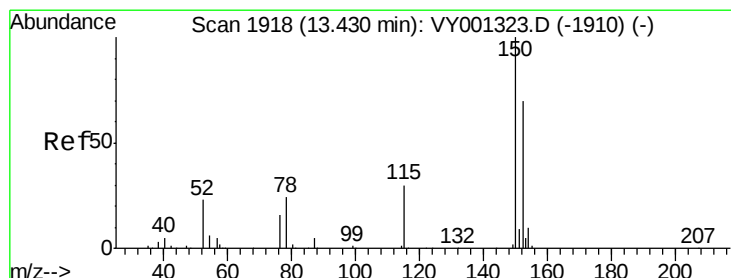
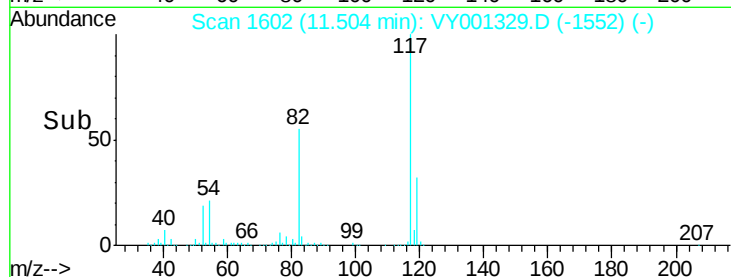
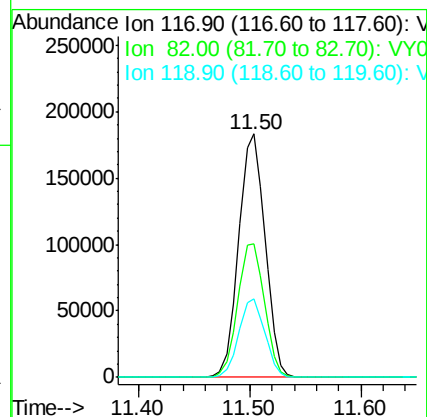
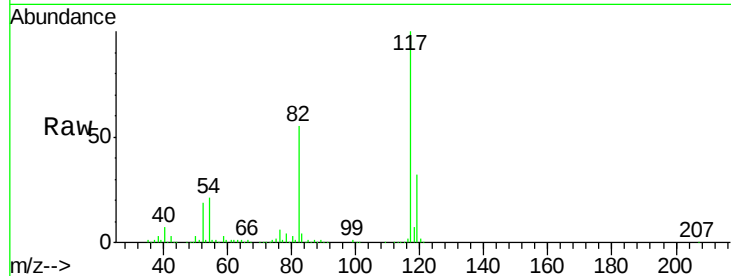




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001329.D
Acq: 22 Jan 2020 14:29

Instrument :
MSVOA_Y
ClientSampleId :
VY0122SBL01

Tot Ion:117 Resp: 300892
Ion Ratio Lower Upper
117 100
82 54.9 45.5 68.3
119 32.4 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY001329.D
Acq: 22 Jan 2020 14:29

Tgt Ion:152 Resp: 133835
Ion Ratio Lower Upper
152 100
115 61.7 30.9 92.8
150 159.9 0.0 349.2

