

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY052920\
 Data File : VY002799.D
 Acq On : 29 May 2020 13:01
 Operator : SY/MD
 Sample : L2797-10
 Misc : 7.60G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TEST-HOLE-3-VOC-2.0-2.5

Quant Time: May 30 04:24:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	253524	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	413908	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	381064	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	188746	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	127041	57.71	ug/l	0.00
Spiked Amount			Recovery	=	115.42%	
35) Dibromofluoromethane	7.72	113	126420	52.12	ug/l	0.00
Spiked Amount			Recovery	=	104.24%	
50) Toluene-d8	10.18	98	482791	49.23	ug/l	0.00
Spiked Amount			Recovery	=	98.46%	
62) 4-Bromofluorobenzene	12.48	95	159271	47.52	ug/l	0.00
Spiked Amount			Recovery	=	95.04%	

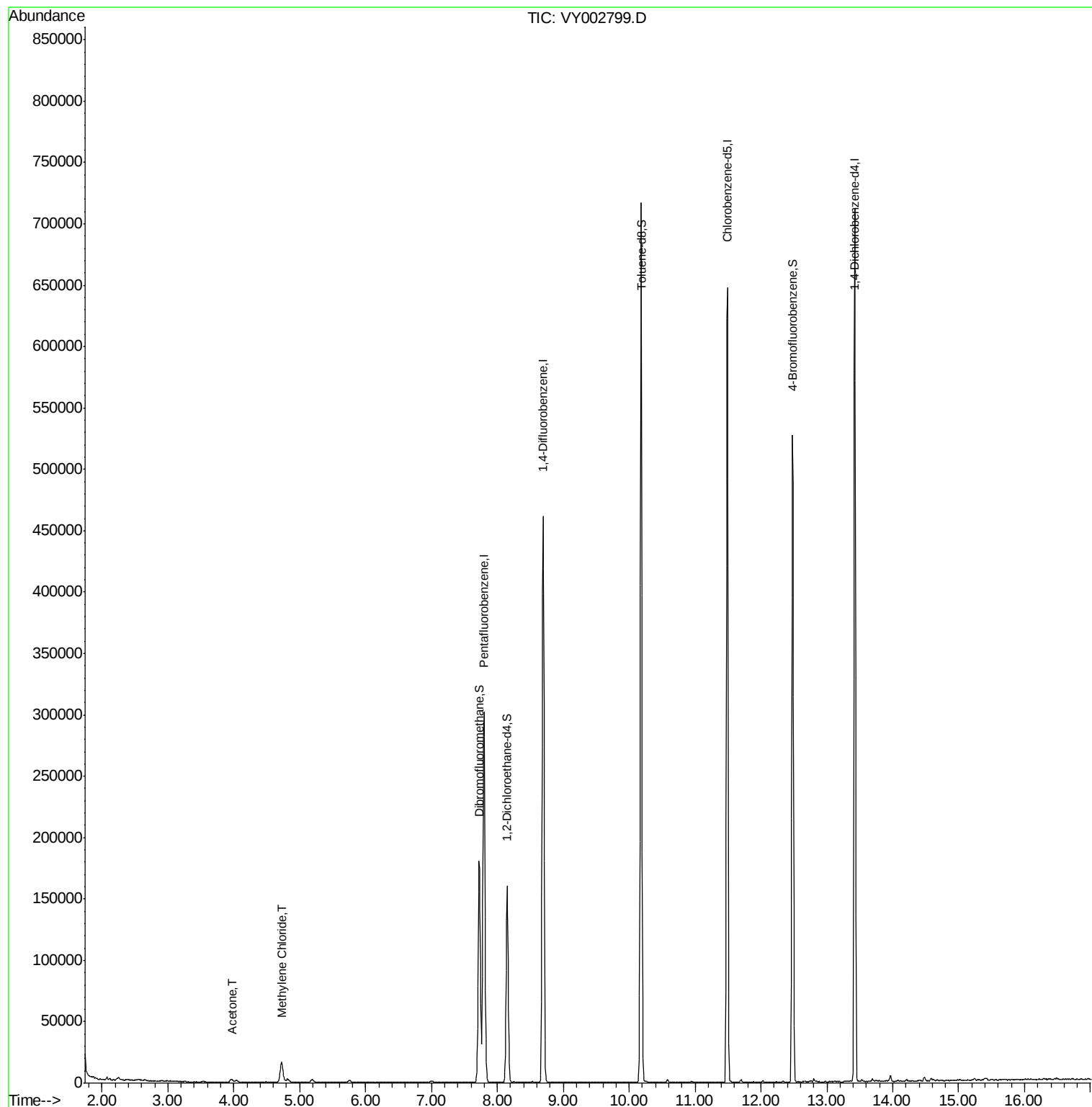
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.97	43	5096	9.87	ug/l	96
20) Methylene Chloride	4.73	84	13502	5.35	ug/l	93

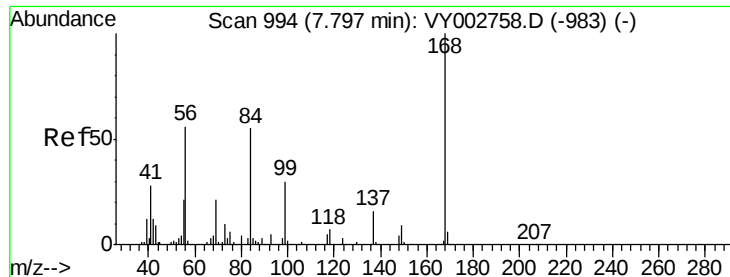
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002799.D

Acq: 29 May 2020 13:01

Instrument :

MSVOA_Y

ClientSampleId :

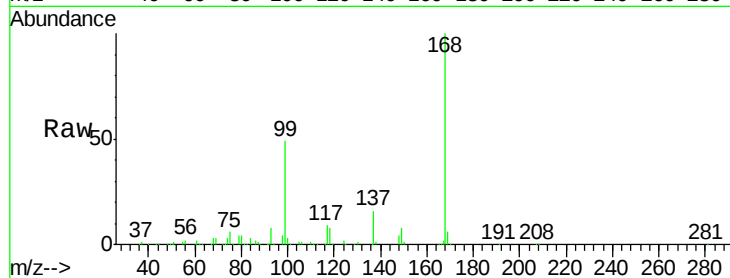
TEST-HOLE-3-VOC-2.0-2.5

Tgt Ion:168 Resp: 253524

Ion Ratio Lower Upper

168 100

99 49.3 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002758.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002758.D (-983) (-)

7.80

120000

100000

80000

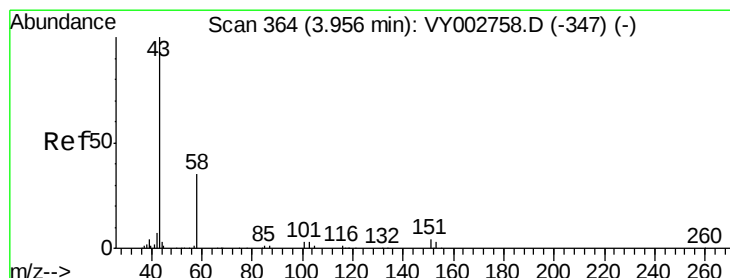
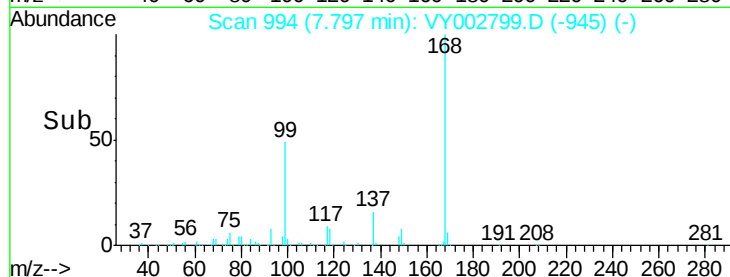
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 9.87 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY002799.D

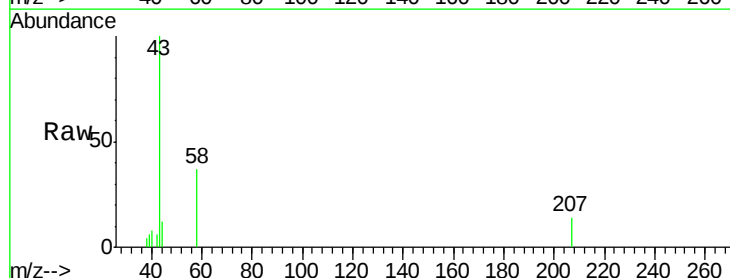
Acq: 29 May 2020 13:01

Tgt Ion: 43 Resp: 5096

Ion Ratio Lower Upper

43 100

58 37.0 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VY002758.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY002758.D (-347) (-)

3.97

2000

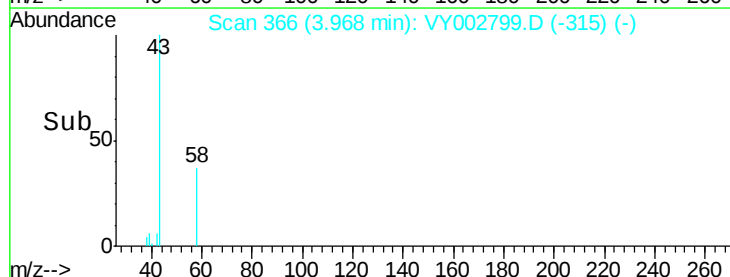
1500

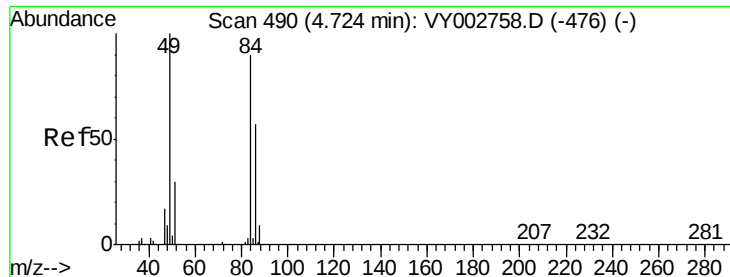
1000

500

0

Time-->

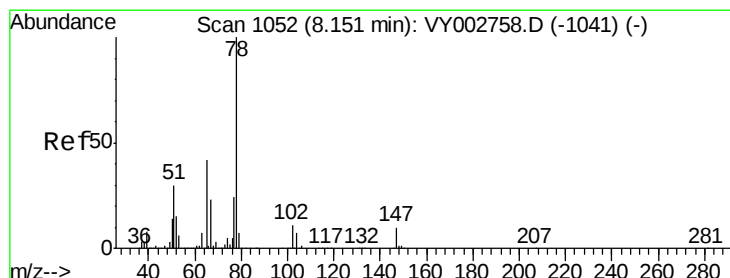
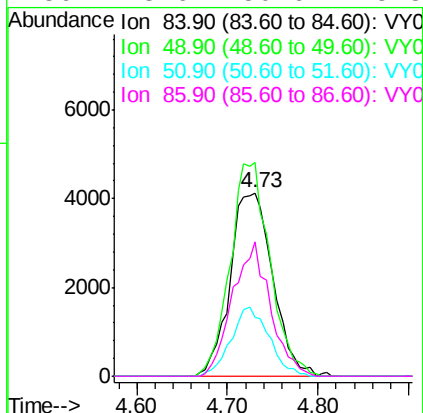
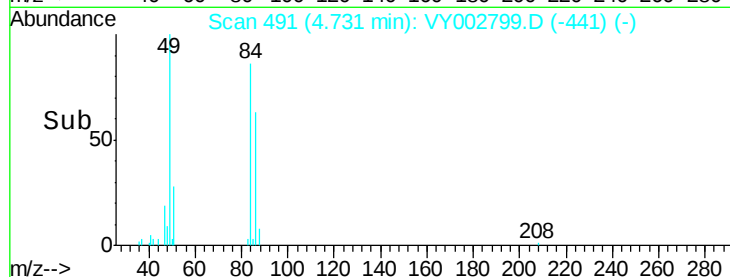
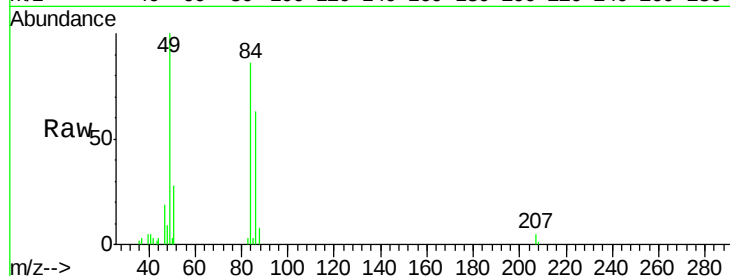




#20
Methylene Chloride
Concen: 5.35 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY002799.D
Acq: 29 May 2020 13:01

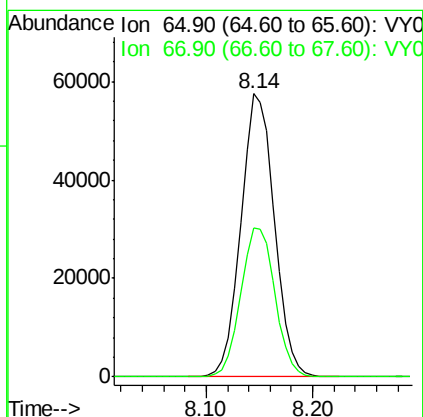
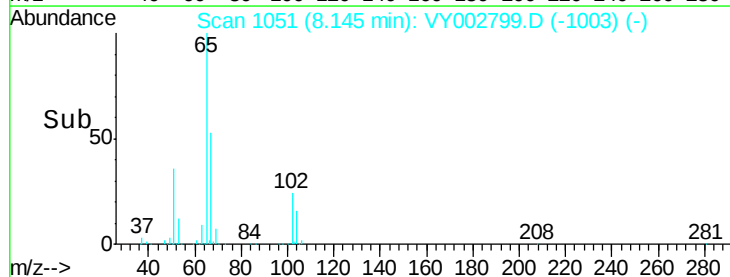
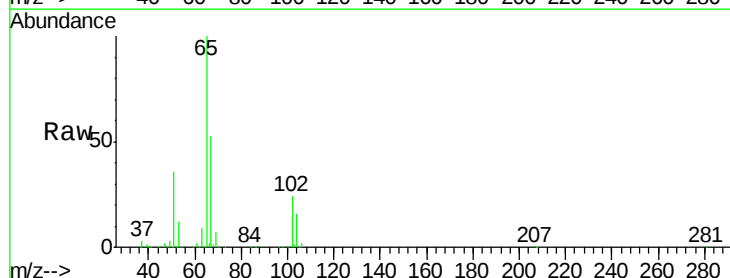
Instrument :
MSVOA_Y
ClientSampleId :
TEST-HOLE-3-VOC-2.0-2.5

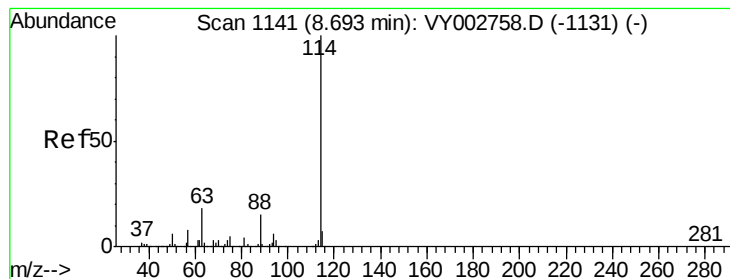
Tgt Ion: 84 Resp: 13502
Ion Ratio Lower Upper
84 100
49 116.5 88.5 132.7
51 32.3 26.8 40.2
86 73.6 50.6 75.8



#33
1,2-Dichloroethane-d4
Concen: 57.71 ug/l
RT: 8.14 min Scan# 1051
Delta R.T. -0.01 min
Lab File: VY002799.D
Acq: 29 May 2020 13:01

Tgt Ion: 65 Resp: 127041
Ion Ratio Lower Upper
65 100
67 53.8 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY002799.D

Acq: 29 May 2020 13:01

Instrument :

MSVOA_Y

ClientSampleId :

TEST-HOLE-3-VOC-2.0-2.5

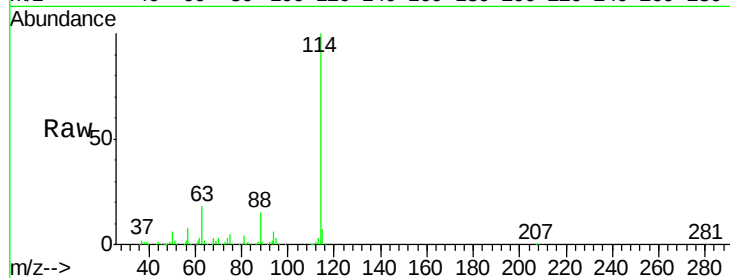
Tgt Ion:114 Resp: 413908

Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.2

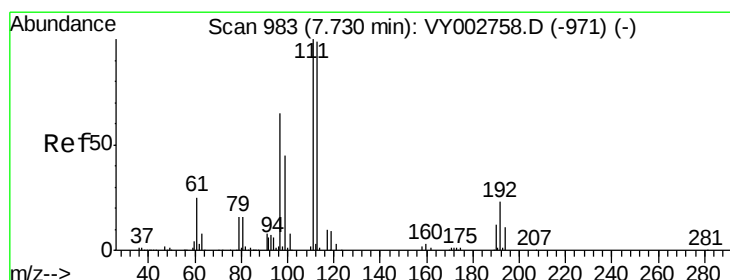
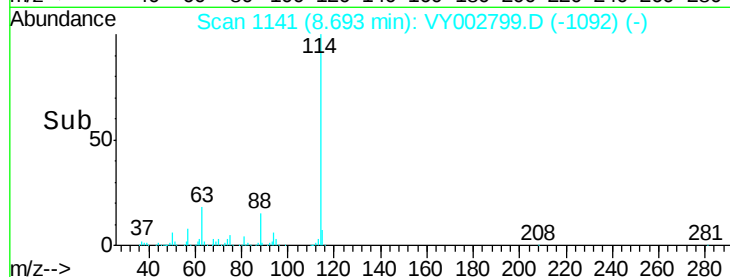
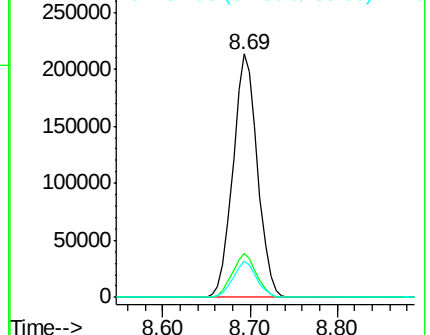
88 14.7 0.0 29.2



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: 52.12 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY002799.D

Acq: 29 May 2020 13:01

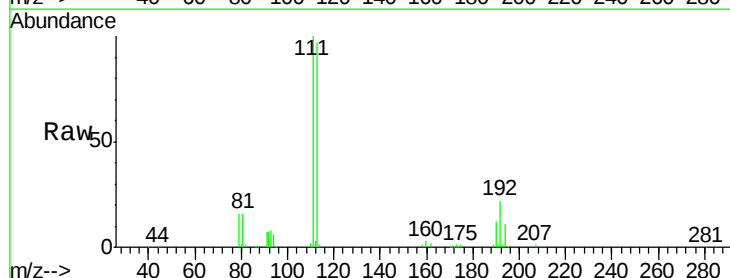
Tgt Ion:113 Resp: 126420

Ion Ratio Lower Upper

113 100

111 103.2 82.0 123.0

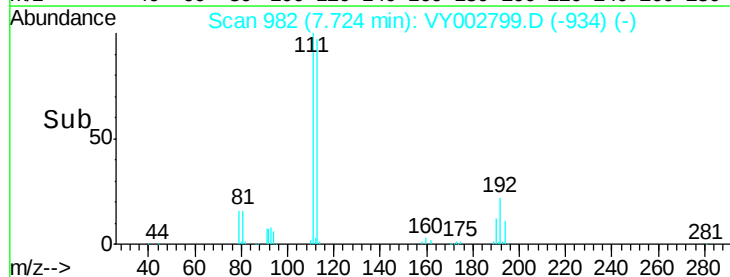
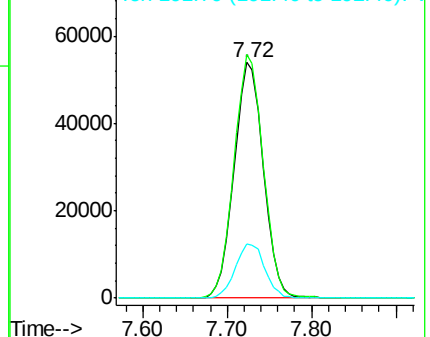
192 23.1 18.9 28.3

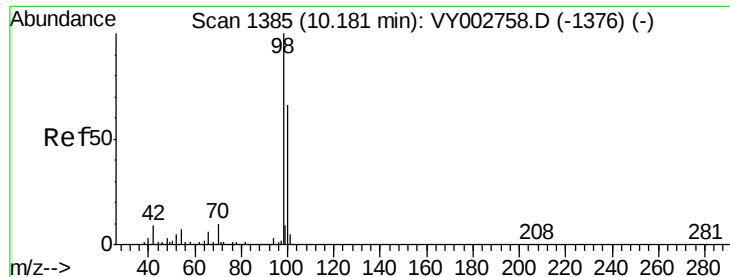


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.23 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002799.D

Acq: 29 May 2020 13:01

Instrument :

MSVOA_Y

ClientSampleId :

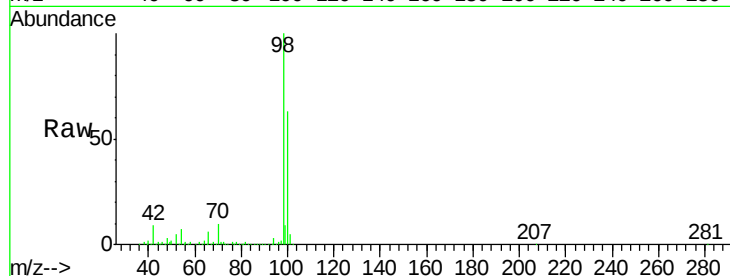
TEST-HOLE-3-VOC-2.0-2.5

Tgt Ion: 98 Resp: 482791

Ion Ratio Lower Upper

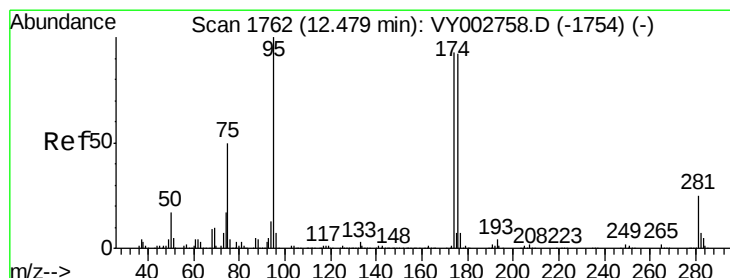
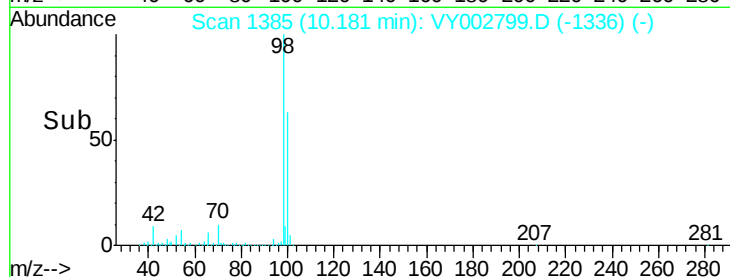
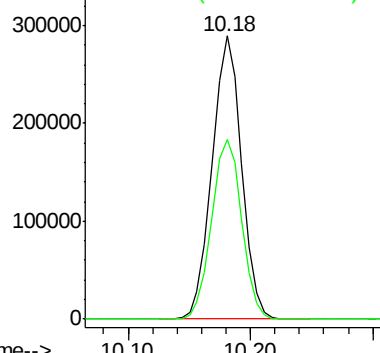
98 100

100 64.7 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



#62

4-Bromofluorobenzene

Concen: 47.52 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002799.D

Acq: 29 May 2020 13:01

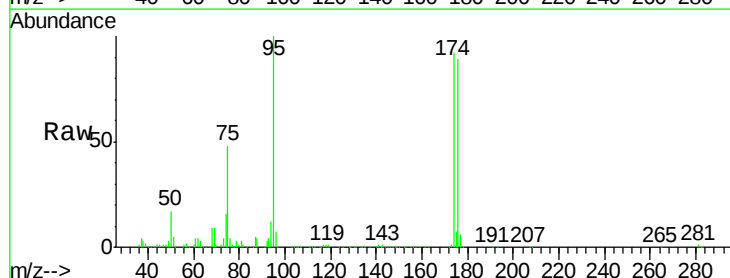
Tgt Ion: 95 Resp: 159271

Ion Ratio Lower Upper

95 100

174 97.0 0.0 191.2

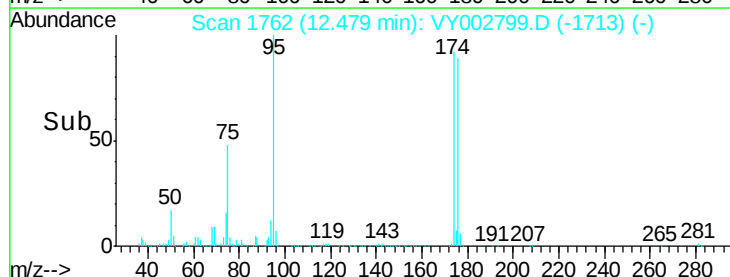
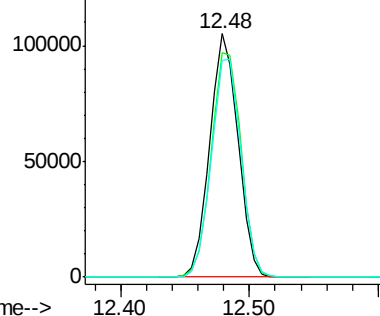
176 93.8 0.0 188.8

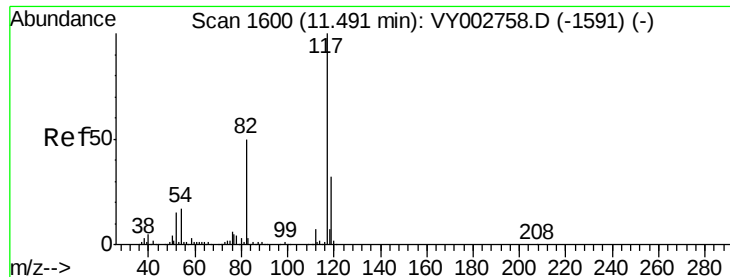


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

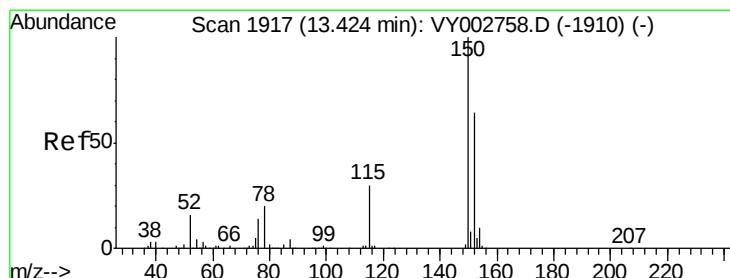
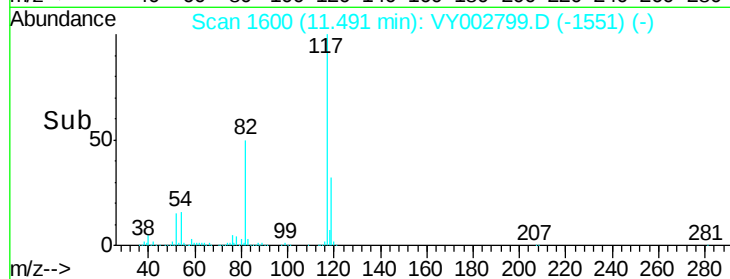
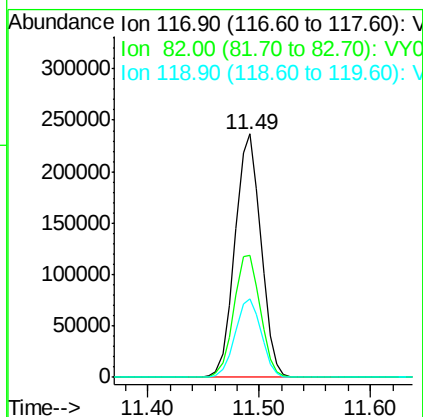
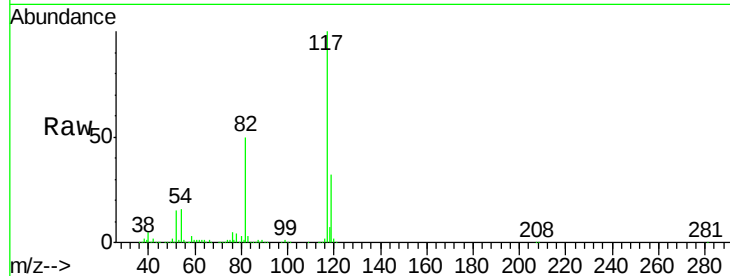




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002799.D
Acq: 29 May 2020 13:01

Instrument :
MSVOA_Y
ClientSampleId :
TEST-HOLE-3-VOC-2.0-2.5

Tgt Ion:117 Resp: 381064
Ion Ratio Lower Upper
117 100
82 50.0 40.2 60.4
119 32.0 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002799.D
Acq: 29 May 2020 13:01

Tgt Ion:152 Resp: 188746
Ion Ratio Lower Upper
152 100
115 53.8 27.0 81.0
150 157.4 0.0 344.8

