

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052720\
 Data File : VY002765.D
 Acq On : 27 May 2020 15:38
 Operator : SY/MD
 Sample : L2500-06
 Misc : 6.08G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-03-052220

Quant Time: May 28 09:01:34 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	266843	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	426795	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	393949	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	194831	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	127470	55.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.04%	
35) Dibromofluoromethane	7.72	113	128491	51.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.74%	
50) Toluene-d8	10.18	98	505292	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
62) 4-Bromofluorobenzene	12.48	95	165809	47.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.94%	

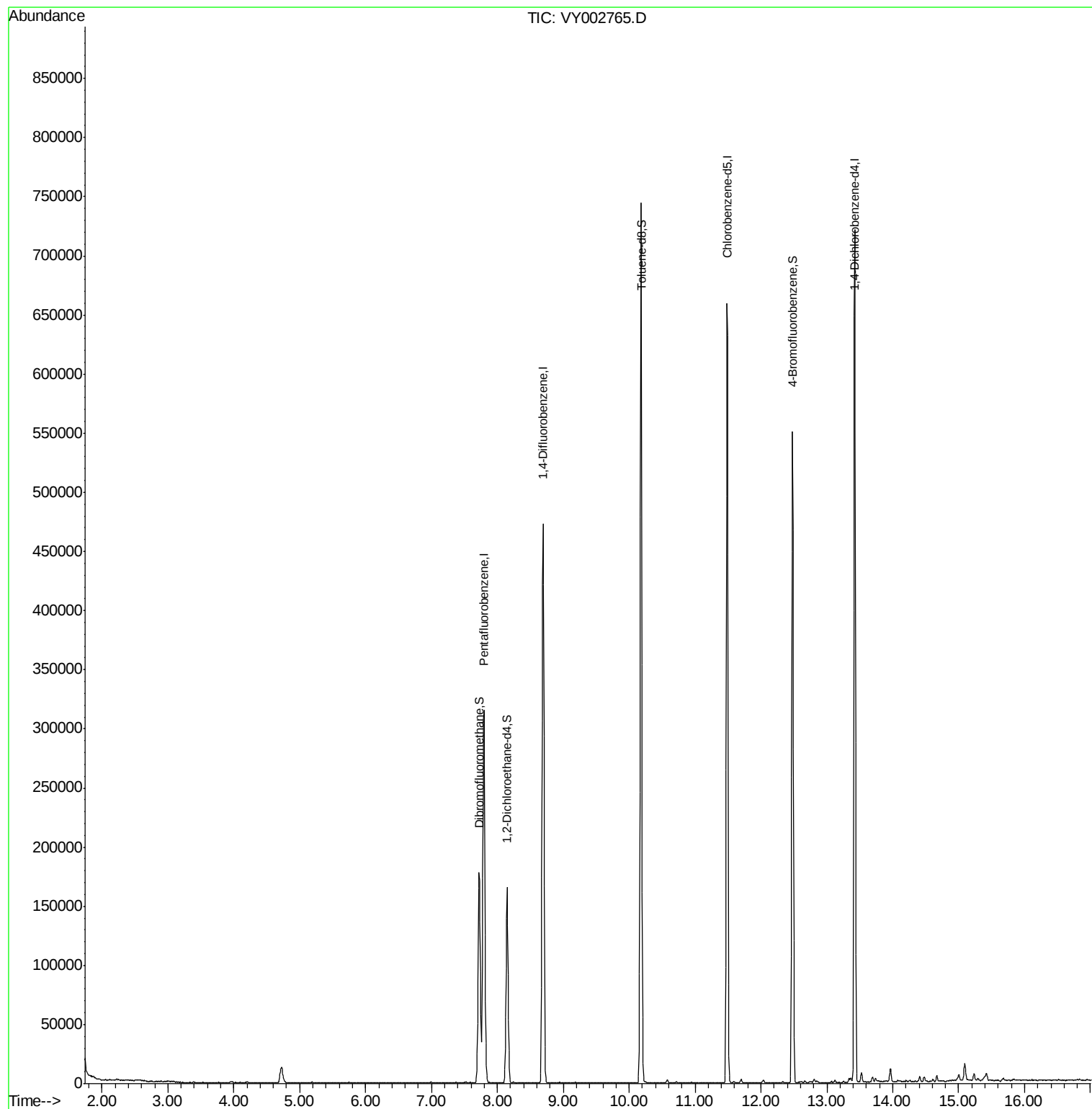
Target Compounds	Qvalue
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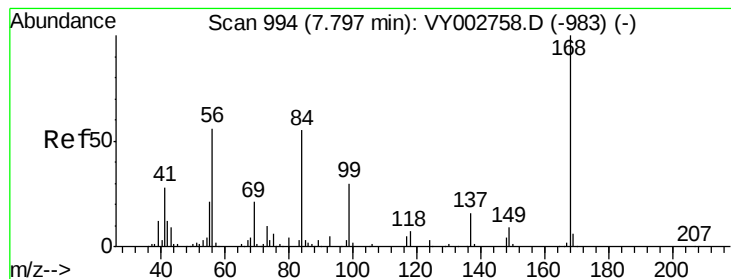
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002765.D

Acq: 27 May 2020 15:38

Instrument :

MSVOA_Y

ClientSampleId :

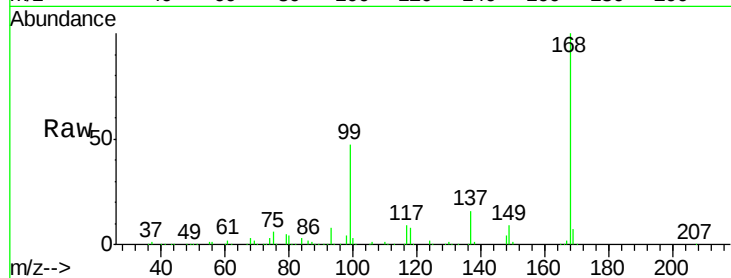
OK-03-052220

Tot Ion:168 Resp: 266843

Ion Ratio Lower Upper

168 100

99 47.4 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) (-)

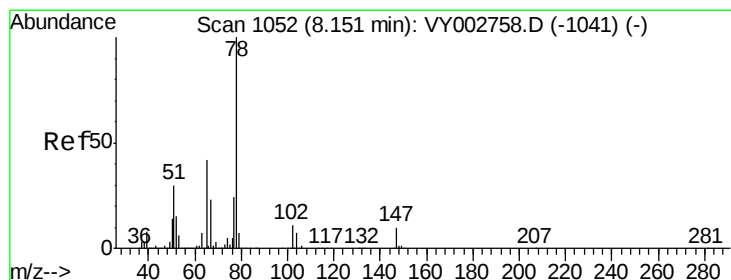
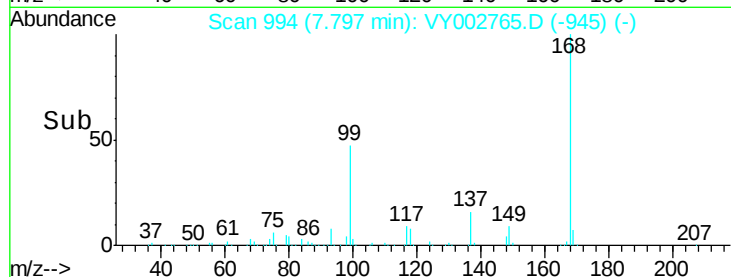
7.80

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 55.016 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.01 min

Lab File: VY002765.D

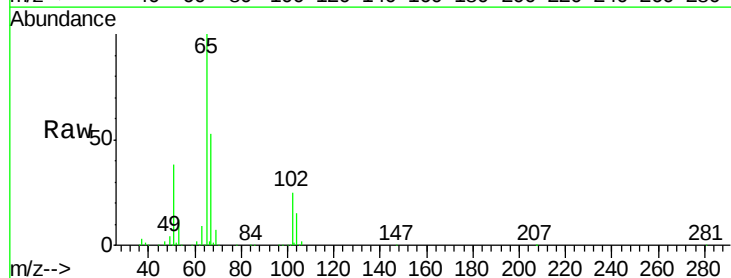
Acq: 27 May 2020 15:38

Tgt Ion: 65 Resp: 127470

Ion Ratio Lower Upper

65 100

67 53.9 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY002758.D (-1041) (-)

Ion 66.90 (66.60 to 67.60): VY002758.D (-1041) (-)

8.14

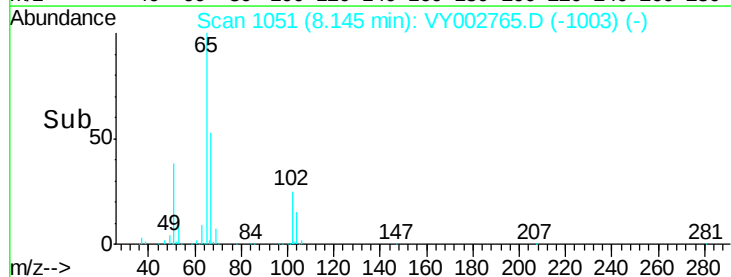
60000

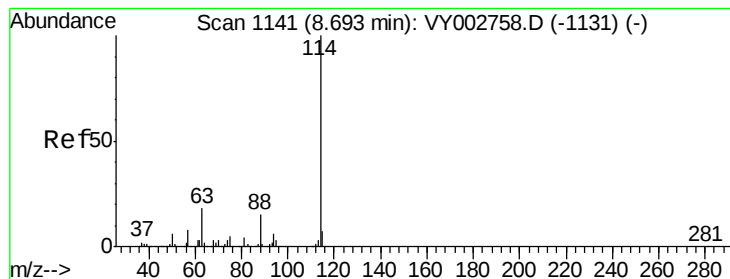
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY002765.D

Acq: 27 May 2020 15:38

Instrument :

MSVOA_Y

ClientSampleId :

OK-03-052220

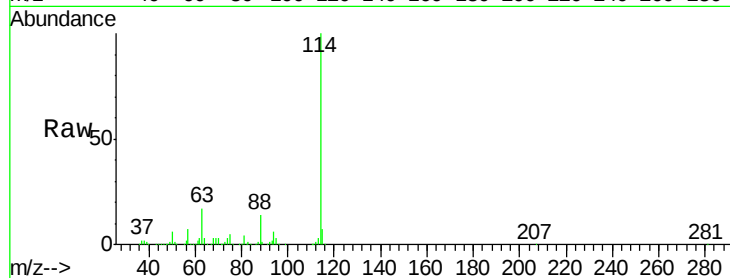
Tot Ion:114 Resp: 426795

Ion Ratio Lower Upper

114 100

63 17.0 0.0 35.2

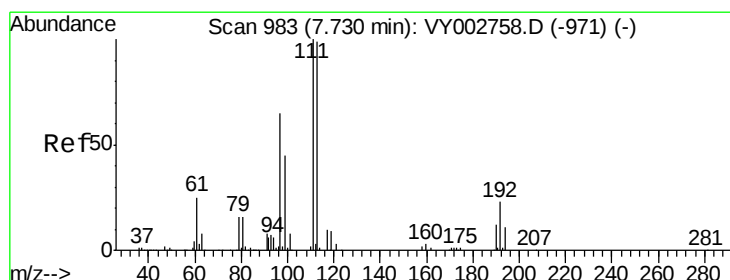
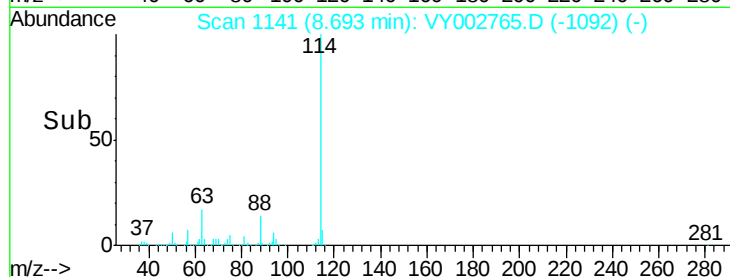
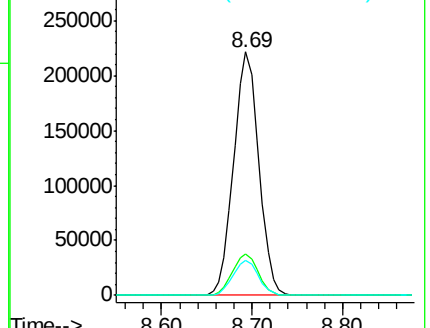
88 14.1 0.0 29.2



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: 51.371 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY002765.D

Acq: 27 May 2020 15:38

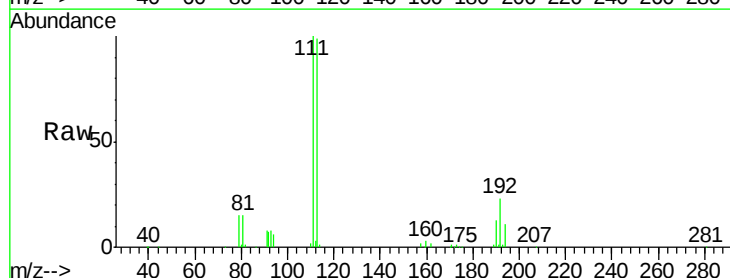
Tgt Ion:113 Resp: 128491

Ion Ratio Lower Upper

113 100

111 101.5 82.0 123.0

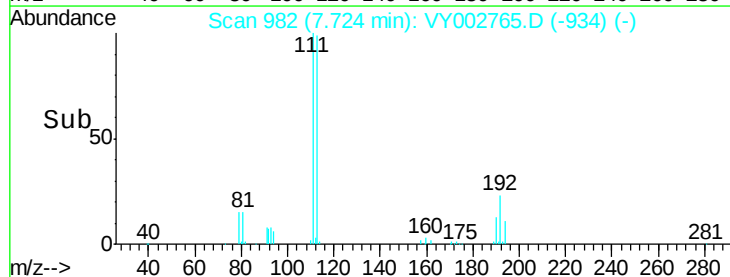
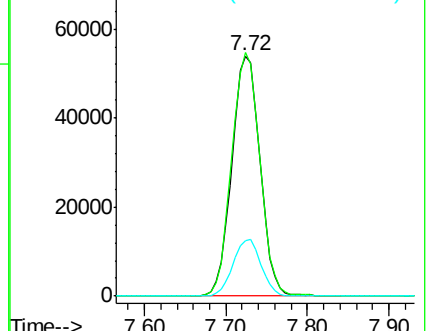
192 23.5 18.9 28.3

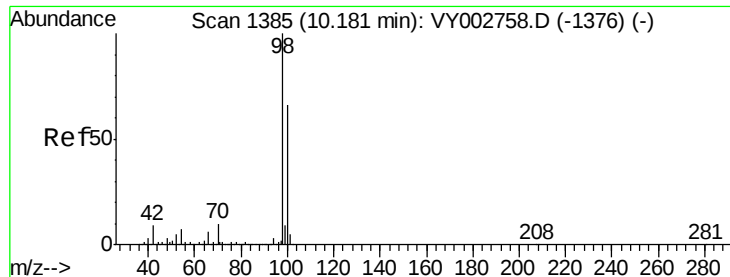


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.964 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002765.D

Acq: 27 May 2020 15:38

Instrument :

MSVOA_Y

ClientSampleId :

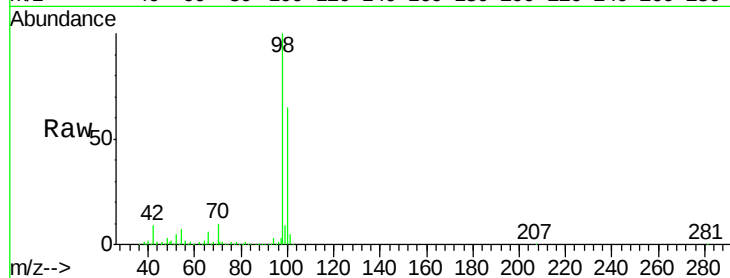
OK-03-052220

Tot Ion: 98 Resp: 505292

Ion Ratio Lower Upper

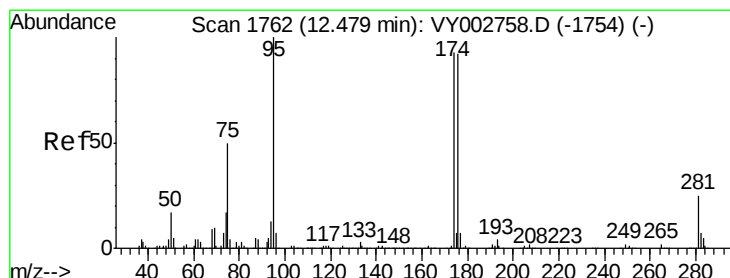
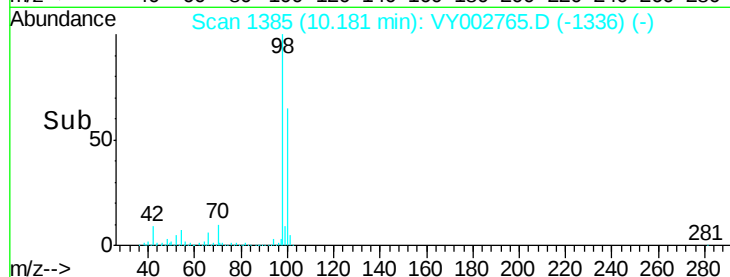
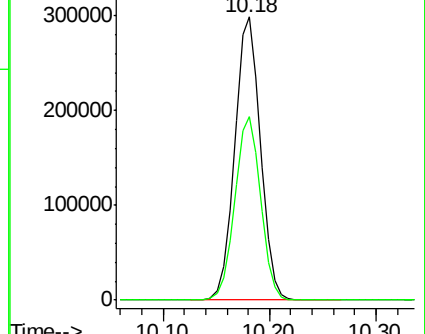
98 100

100 65.0 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: 47.975 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002765.D

Acq: 27 May 2020 15:38

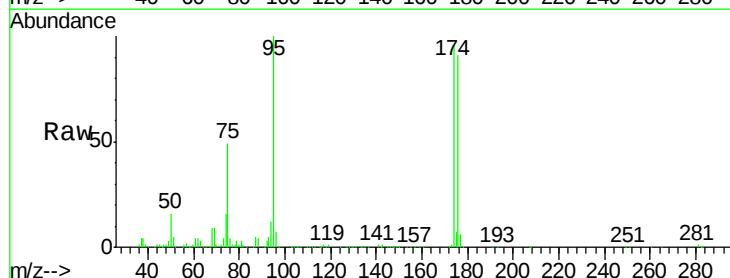
Tgt Ion: 95 Resp: 165809

Ion Ratio Lower Upper

95 100

174 96.5 0.0 191.2

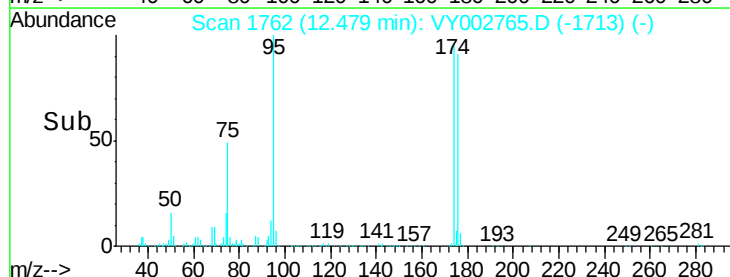
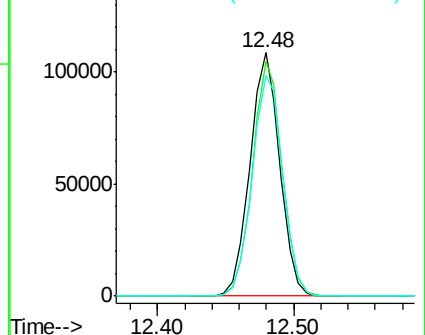
176 93.0 0.0 188.8

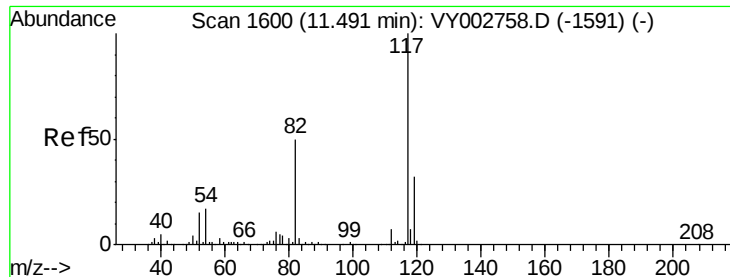


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

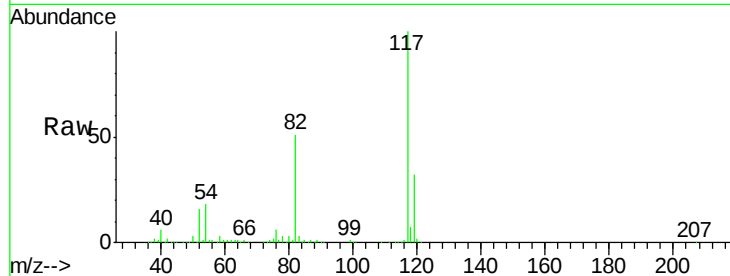




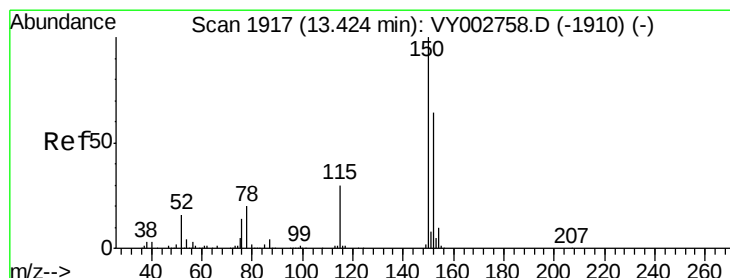
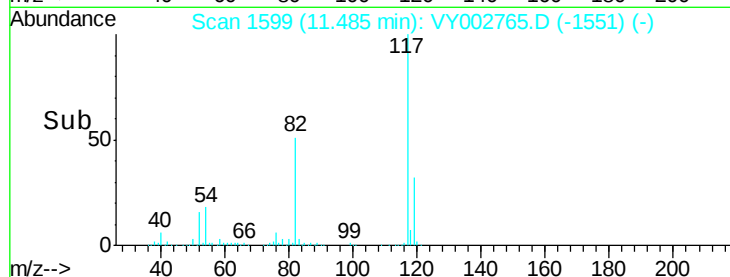
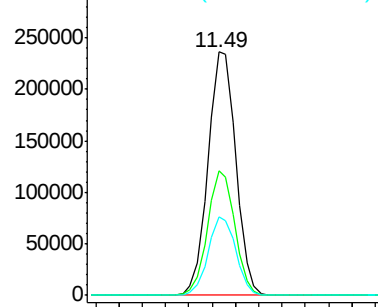
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY002765.D
Acq: 27 May 2020 15:38

Instrument :
MSVOA_Y
ClientSampleId :
OK-03-052220

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.4	40.2	60.4
119	32.3	25.8	38.8

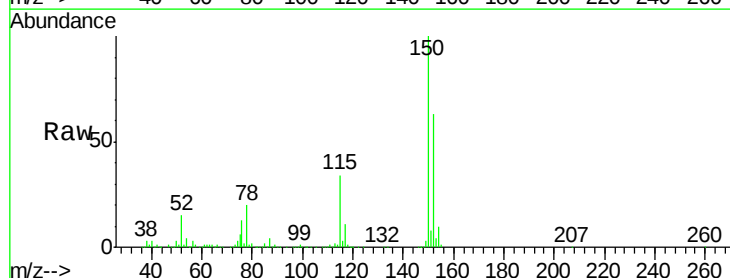


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002765.D
Acq: 27 May 2020 15:38

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.2	27.0	81.0
150	158.6	0.0	344.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

