

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072120\
 Data File : VY003270.D
 Acq On : 21 Jul 2020 23:38
 Operator : SY/MD
 Sample : L3366-03
 Misc : 7.10G/5ML/MSVOA Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-1A

Quant Time: Jul 22 04:19:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	422134	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	668895	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	623188	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	313119	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	221540	62.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.36%	
35) Dibromofluoromethane	7.72	113	211384	54.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.82%	
50) Toluene-d8	10.18	98	819935	57.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.58%	
62) 4-Bromofluorobenzene	12.48	95	267402	51.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.44%	

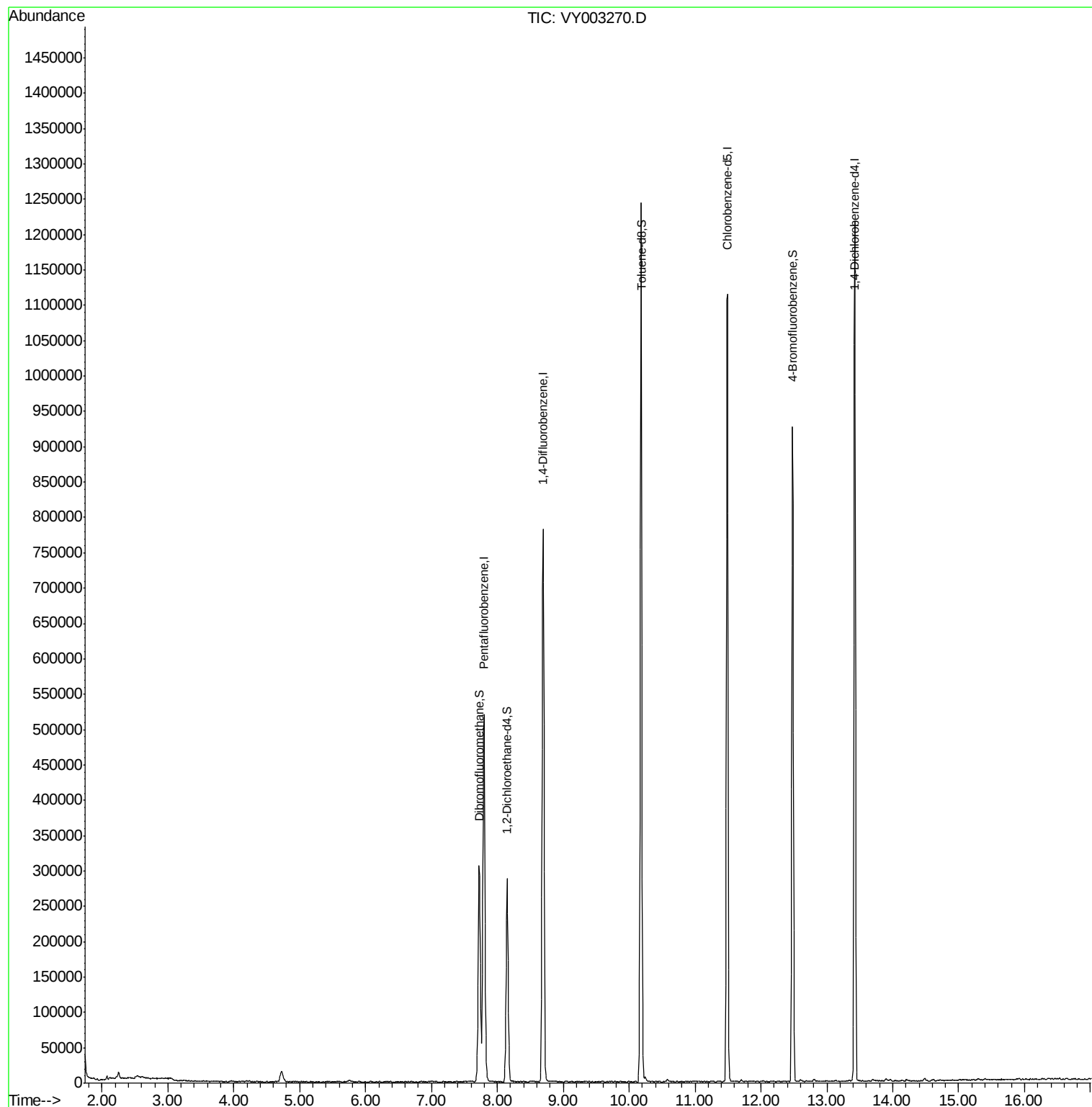
Target Compounds	Qvalue

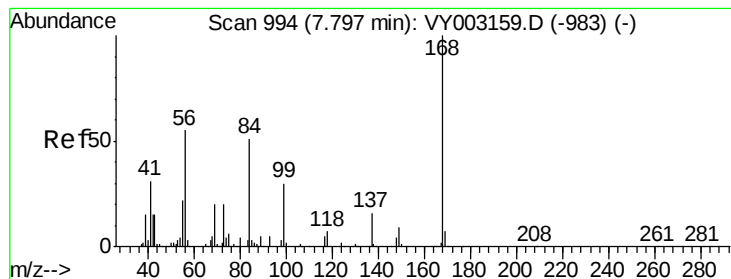
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003270.D

Acq: 21 Jul 2020 23:38

Instrument :

MSVOA_Y

ClientSampleId :

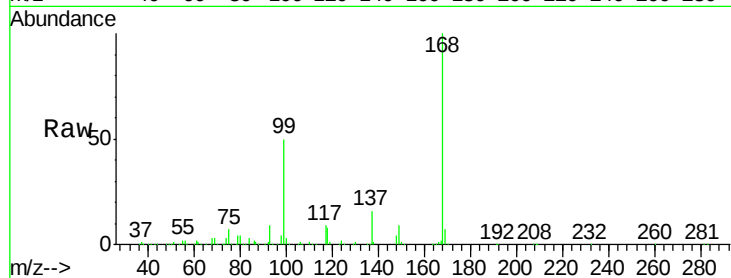
SP-1A

Tot Ion:168 Resp: 422134

Ion Ratio Lower Upper

168 100

99 49.5 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003270.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003270.D (-945) (-)

7.80

200000

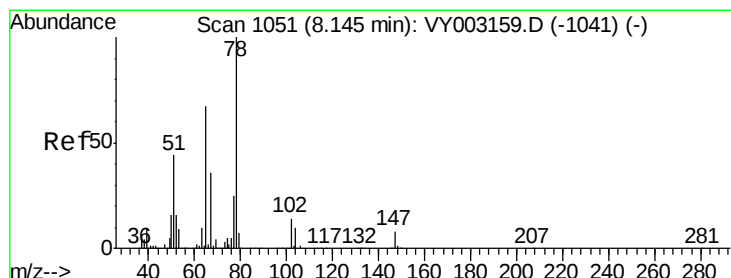
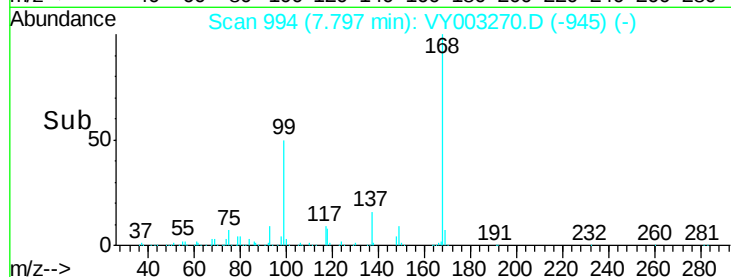
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 62.179 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VY003270.D

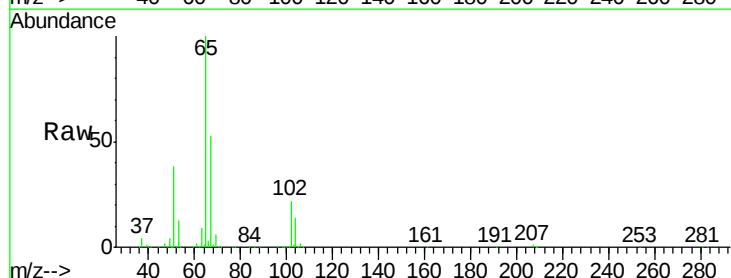
Acq: 21 Jul 2020 23:38

Tgt Ion: 65 Resp: 221540

Ion Ratio Lower Upper

65 100

67 54.2 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY003270.D (-1002) (-)

Ion 66.90 (66.60 to 67.60): VY003270.D (-1002) (-)

8.14

120000

100000

80000

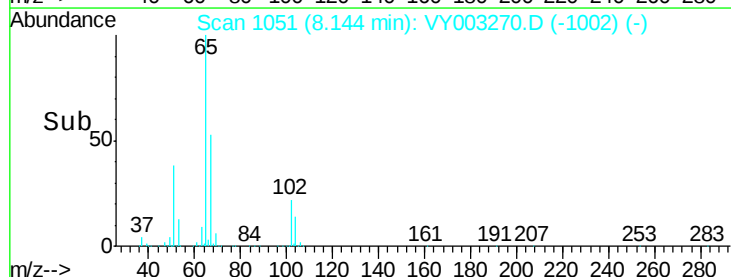
60000

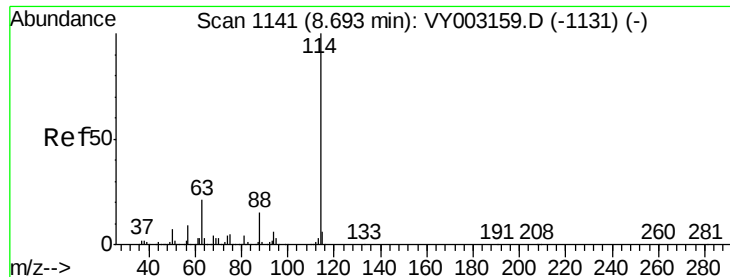
40000

20000

0

Time-->

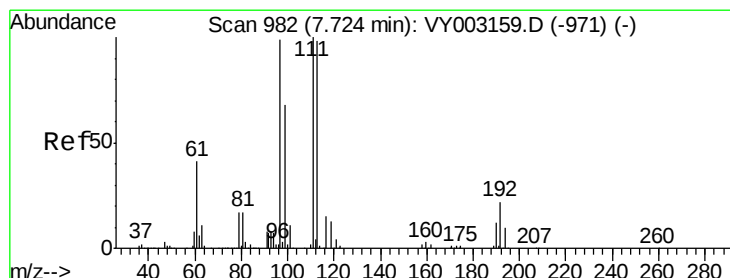
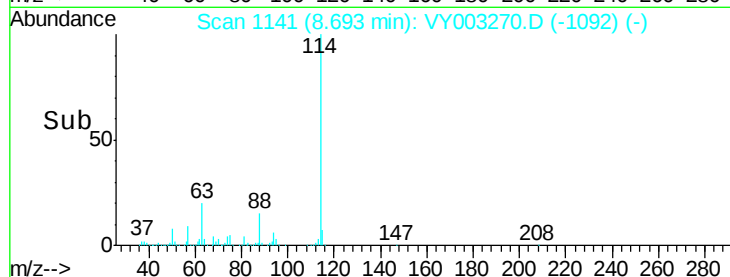
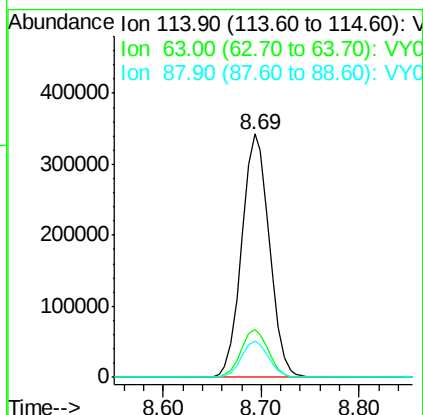
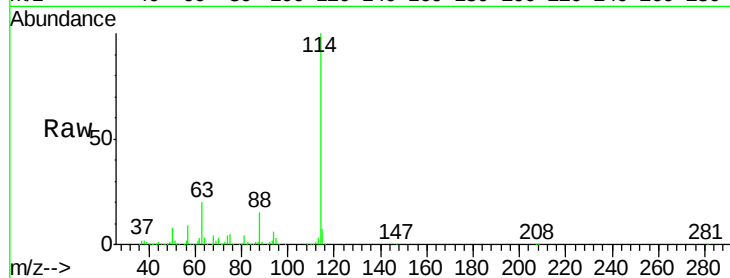




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003270.D
 Acq: 21 Jul 2020 23:38

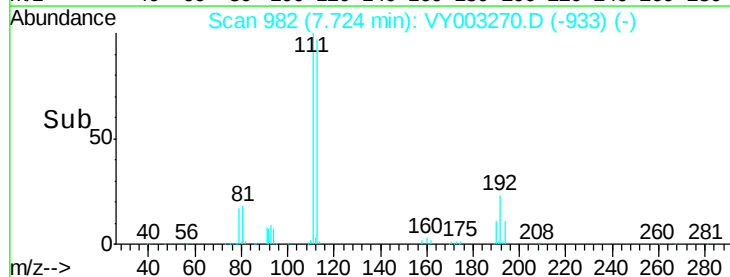
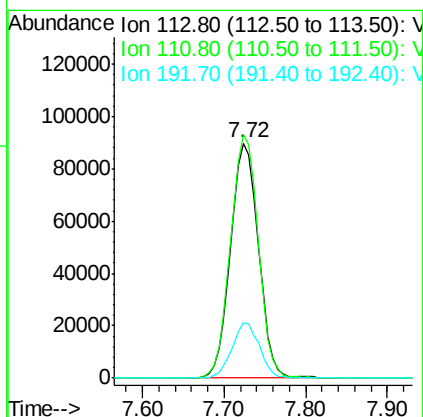
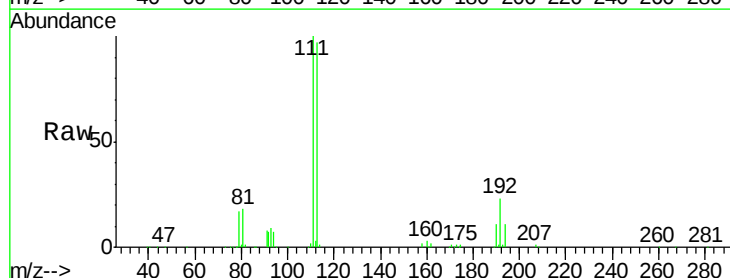
Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-1A

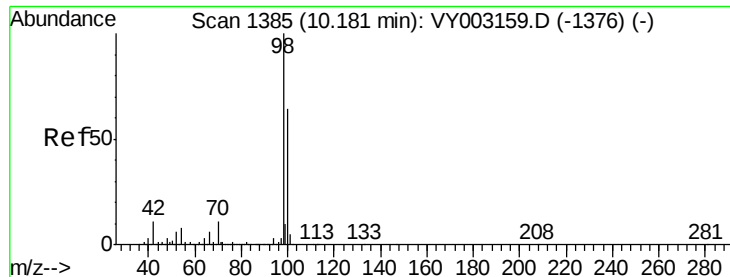
Tot Ion:114 Resp: 668895
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 41.2
 88 14.8 0.0 30.2



#35
 Dibromofluoromethane
 Concen: 54.914 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003270.D
 Acq: 21 Jul 2020 23:38

Tgt Ion:113 Resp: 211384
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.1 123.1
 192 23.2 18.8 28.2





#50

Toluene-d8

Concen: 57.293 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003270.D

Acq: 21 Jul 2020 23:38

Instrument :

MSVOA_Y

ClientSampled :

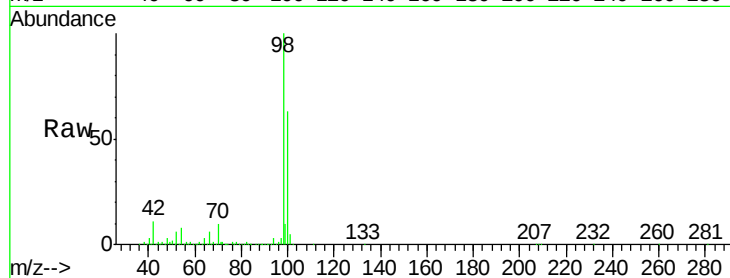
SP-1A

Tot Ion: 98 Resp: 819935

Ion Ratio Lower Upper

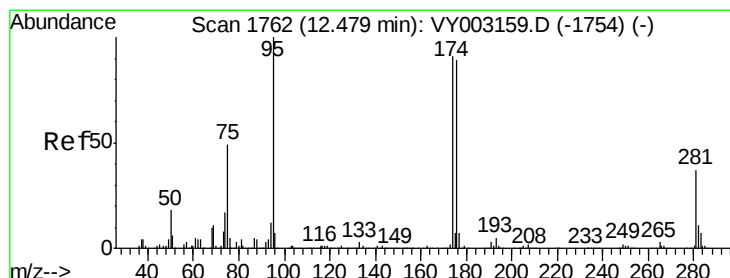
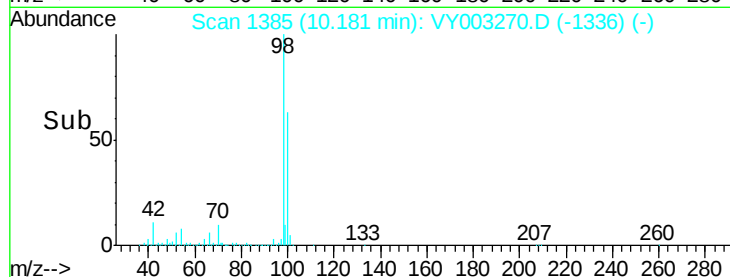
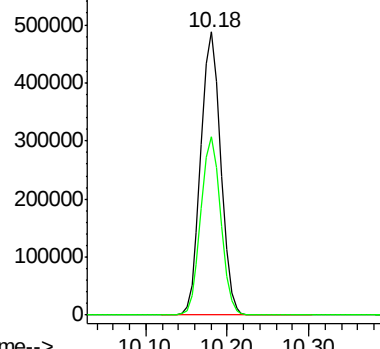
98 100

100 62.9 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



#62

4-Bromofluorobenzene

Concen: 51.721 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003270.D

Acq: 21 Jul 2020 23:38

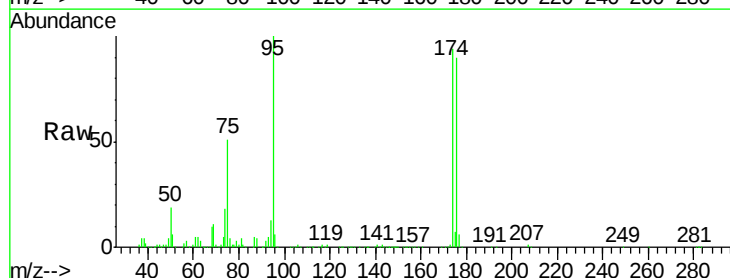
Tgt Ion: 95 Resp: 267402

Ion Ratio Lower Upper

95 100

174 96.7 0.0 190.6

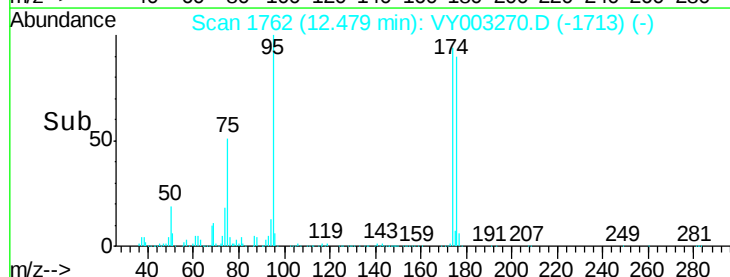
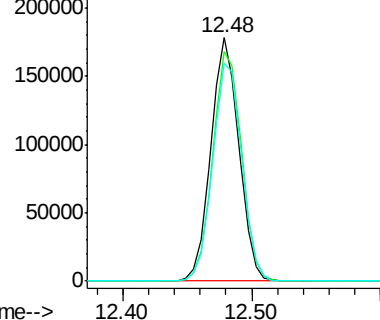
176 93.0 0.0 186.4

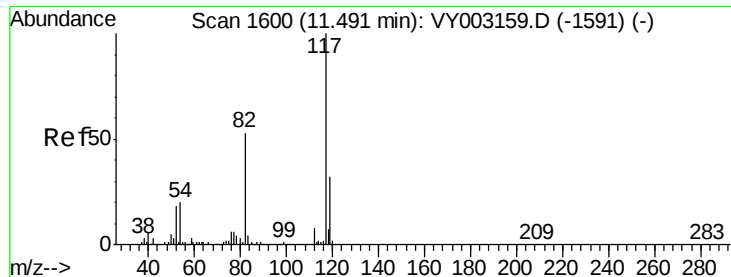


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

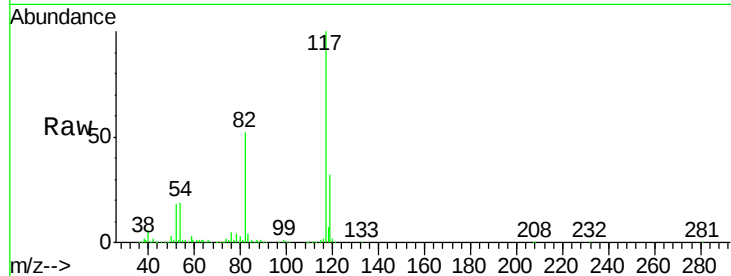




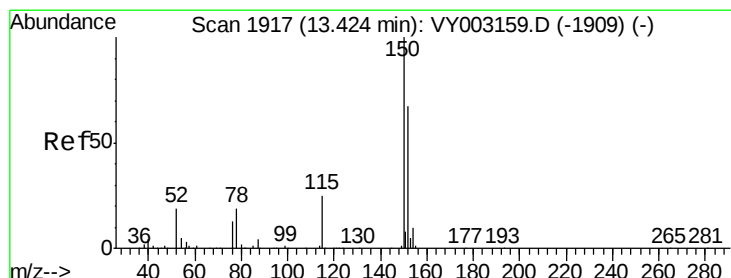
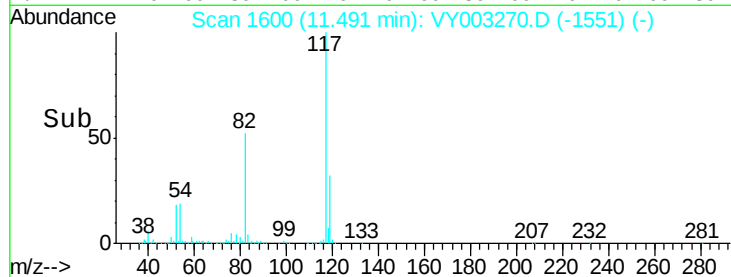
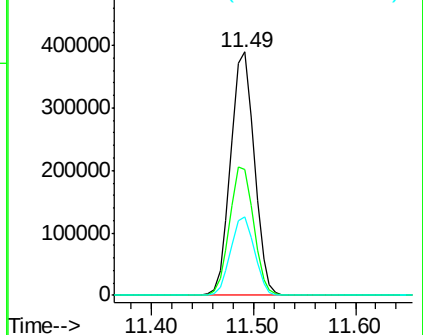
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003270.D
Acq: 21 Jul 2020 23:38

Instrument :
MSVOA_Y
ClientSampleId :
SP-1A

Tot Ion:117 Resp: 623188
Ion Ratio Lower Upper
117 100
82 51.7 42.0 63.0
119 32.3 25.5 38.3

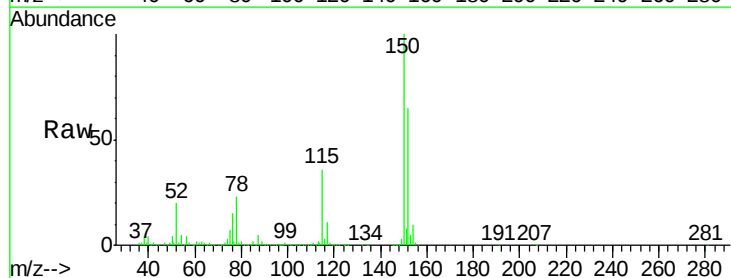


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003270.D
Acq: 21 Jul 2020 23:38

Tgt Ion:152 Resp: 313119
Ion Ratio Lower Upper
152 100
115 55.1 26.9 80.7
150 156.1 0.0 338.0



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

