

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012020\
 Data File : VY001291.D
 Acq On : 20 Jan 2020 13:28
 Operator : SY/MD
 Sample : VY0120SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0120SBL01

Quant Time: Jan 21 07:14:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 21 06:54:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	186340	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.71	114	338476	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.50	117	311598	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	141624	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	109897	55.84	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	111.68%	
35) Dibromofluoromethane	7.74	113	102043	51.49	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	102.98%	
50) Toluene-d8	10.19	98	400455	52.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.88%	
62) 4-Bromofluorobenzene	12.49	95	149409	47.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.72%	

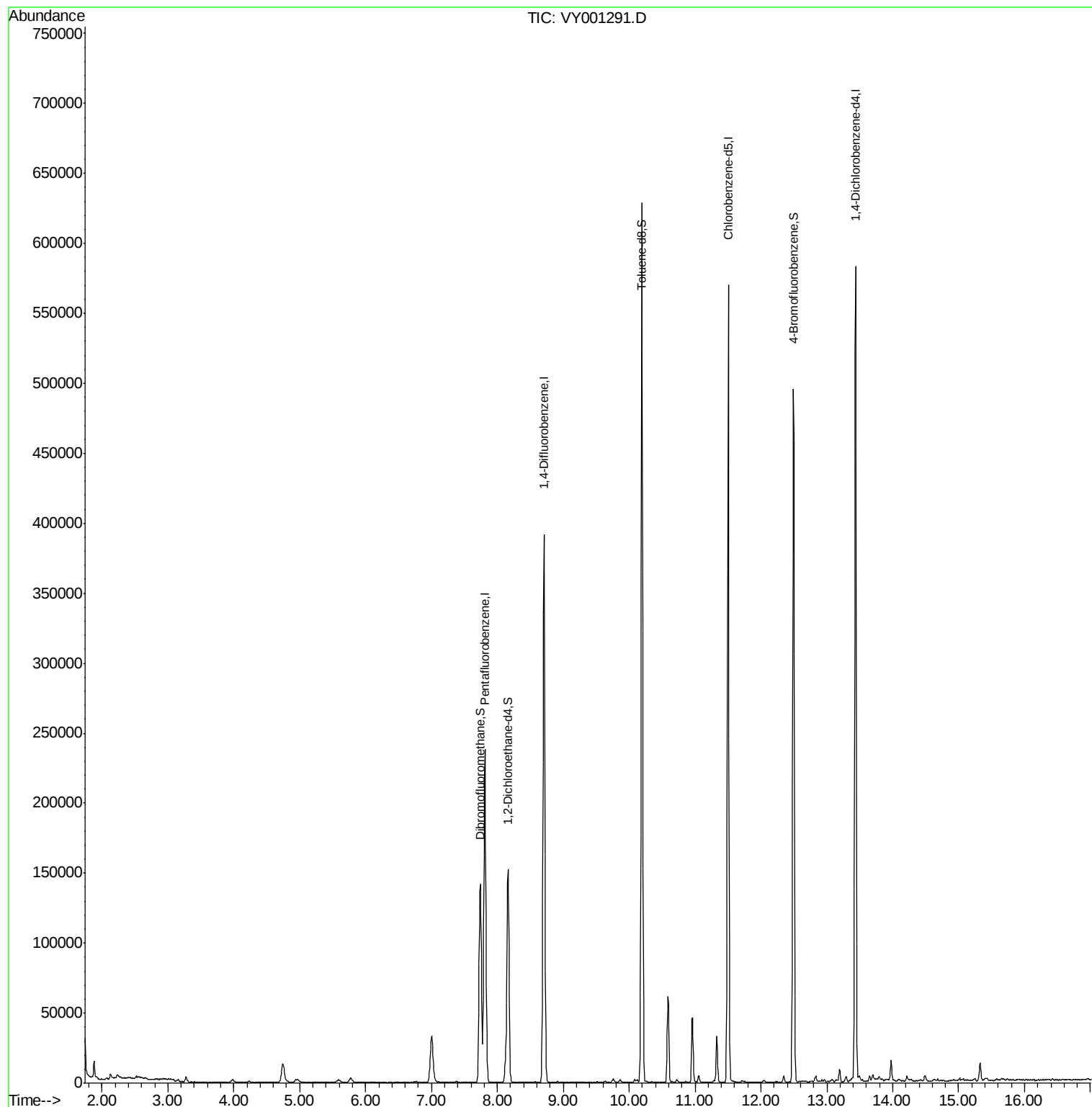
Target Compounds	Qvalue
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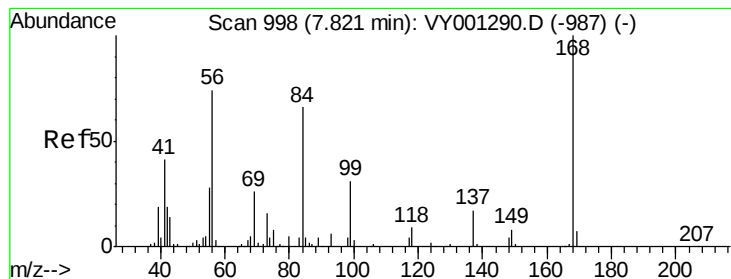
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001291.D

Acq: 20 Jan 2020 13:28

Instrument :

MSVOA_Y

ClientSampleId :

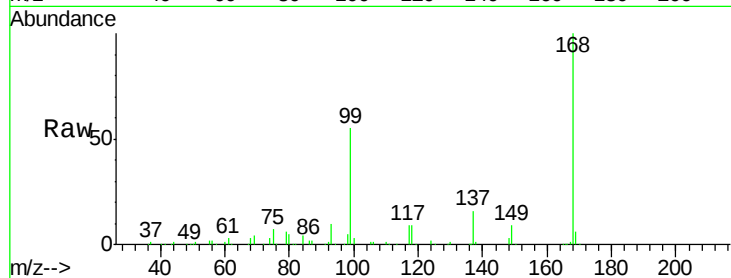
VY0120SBL01

Tot Ion:168 Resp: 186340

Ion Ratio Lower Upper

168 100

99 55.4 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001291.D (-949) (-)

Ion 98.90 (98.60 to 99.60): VY001291.D (-949) (-)

7.81

80000

60000

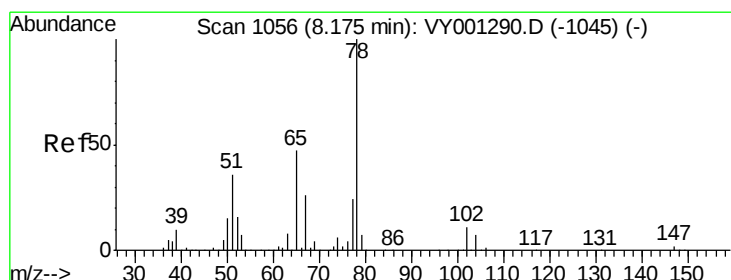
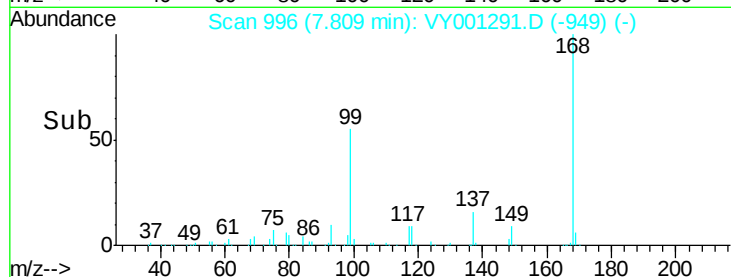
40000

20000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 55.840 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY001291.D

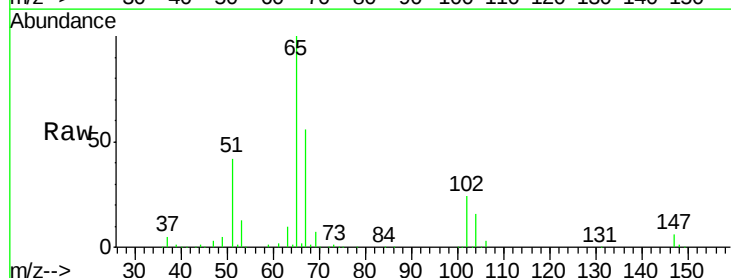
Acq: 20 Jan 2020 13:28

Tgt Ion: 65 Resp: 109897

Ion Ratio Lower Upper

65 100

67 53.8 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY001291.D (-1007) (-)

Ion 66.90 (66.60 to 67.60): VY001291.D (-1007) (-)

8.16

60000

50000

40000

30000

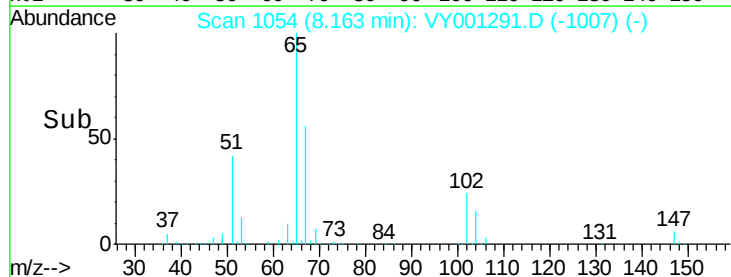
20000

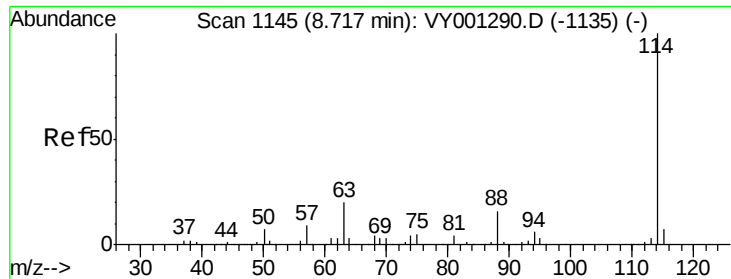
10000

0

8.10 8.20 8.30

Time-->

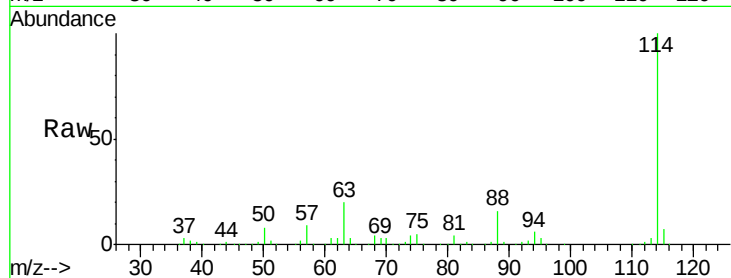




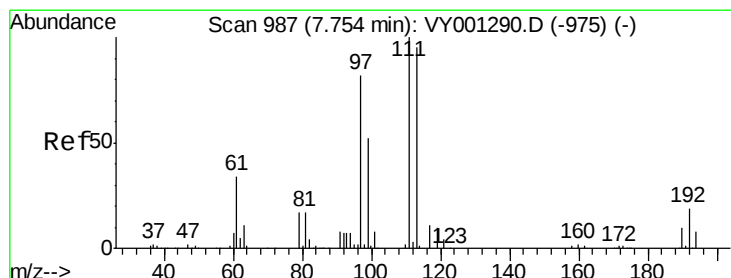
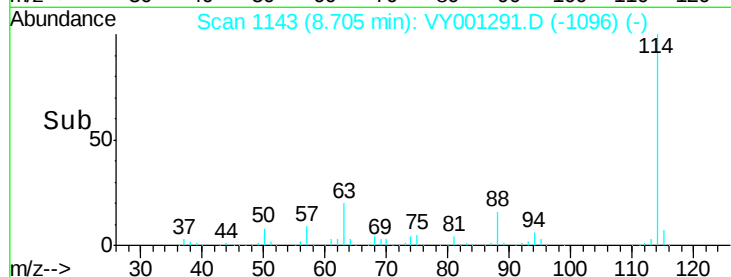
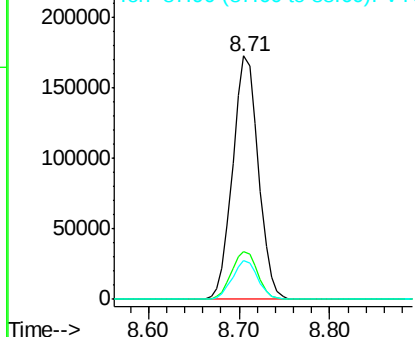
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY001291.D
 Acq: 20 Jan 2020 13:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0120SBL01

Tot Ion:114 Resp: 338476
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.8
 88 16.0 0.0 32.4

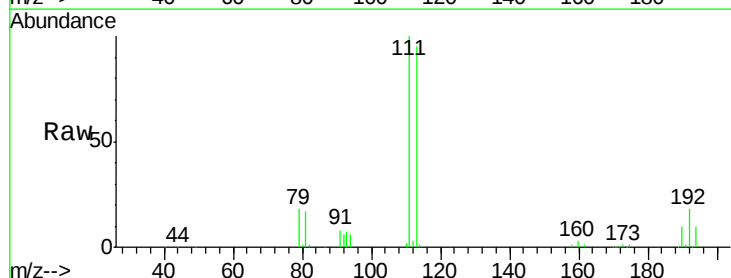


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

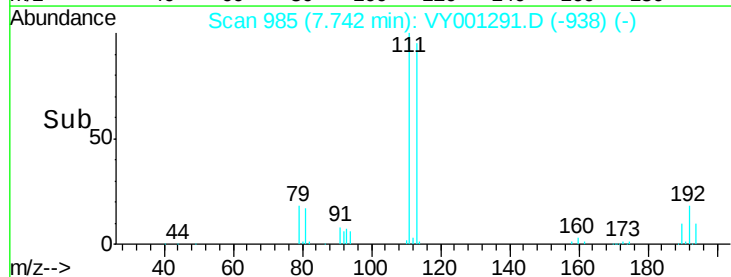
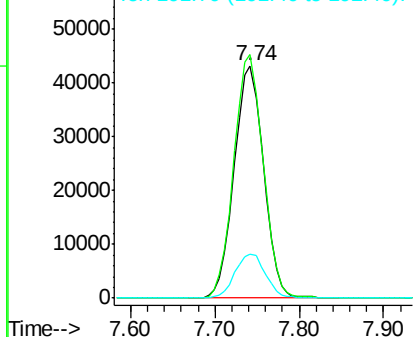


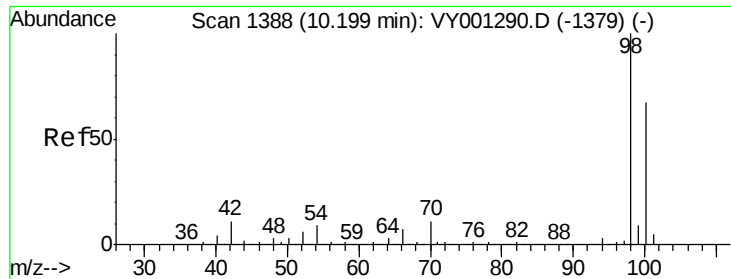
#35
 Dibromofluoromethane
 Concen: 51.491 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: VY001291.D
 Acq: 20 Jan 2020 13:28

Tgt Ion:113 Resp: 102043
 Ion Ratio Lower Upper
 113 100
 111 104.4 82.9 124.3
 192 19.4 15.4 23.2



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: 52.443 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VY001291.D

Acq: 20 Jan 2020 13:28

Instrument :

MSVOA_Y

ClientSampleId :

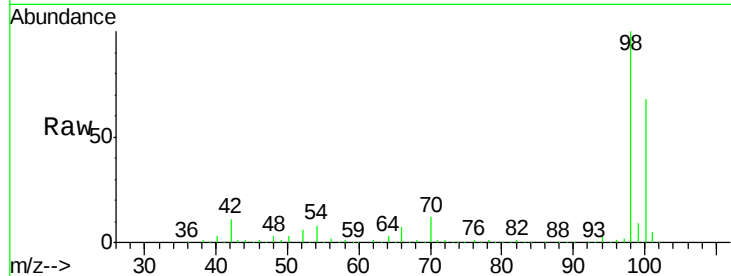
VY0120SBL01

Tot Ion: 98 Resp: 400455

Ion Ratio Lower Upper

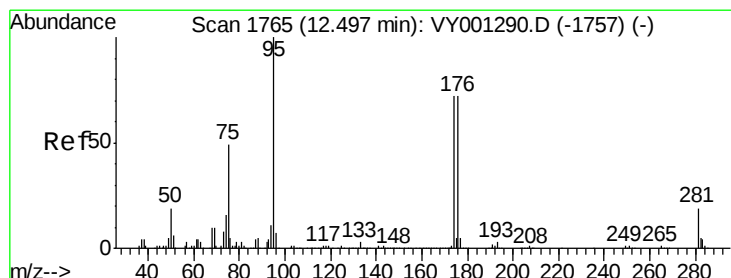
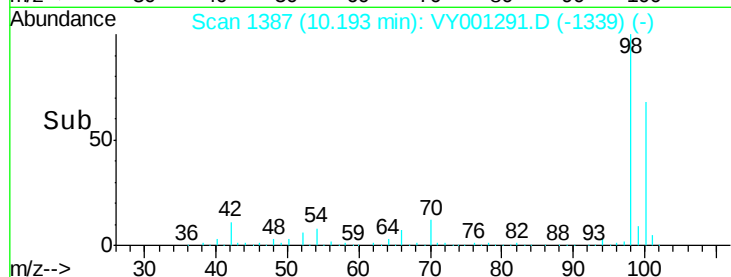
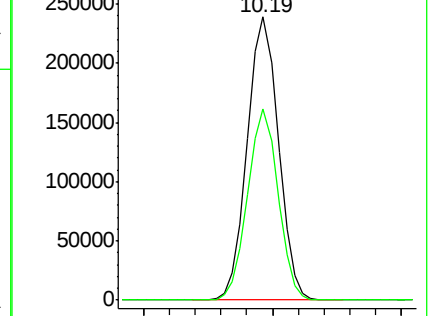
98 100

100 66.1 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0



#62

4-Bromofluorobenzene

Concen: 47.859 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.01 min

Lab File: VY001291.D

Acq: 20 Jan 2020 13:28

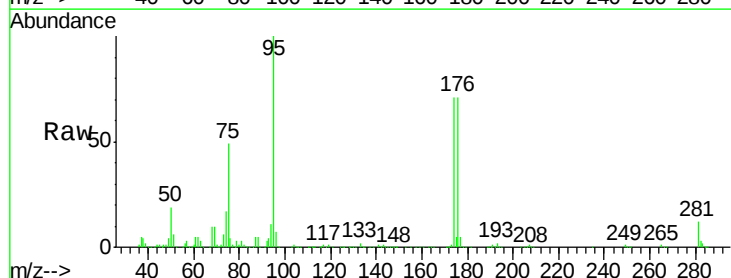
Tgt Ion: 95 Resp: 149409

Ion Ratio Lower Upper

95 100

174 74.7 0.0 143.2

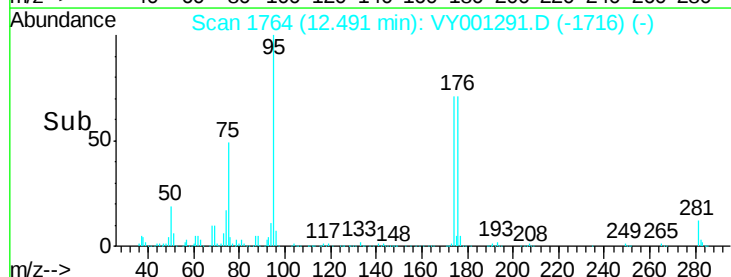
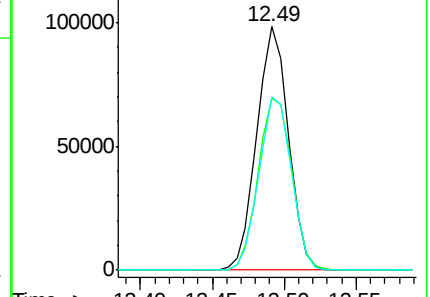
176 72.8 0.0 136.0

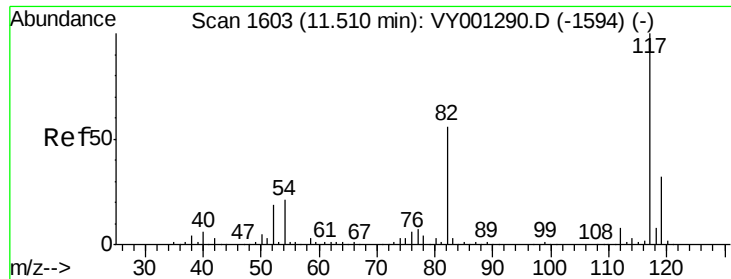


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0

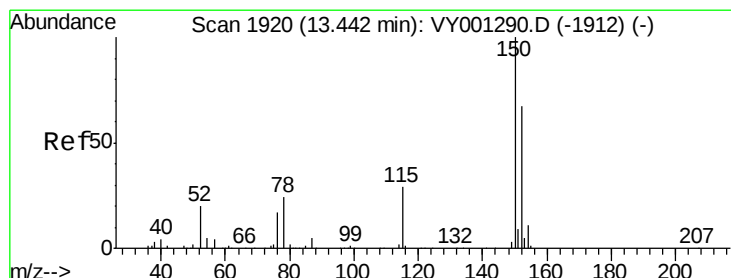
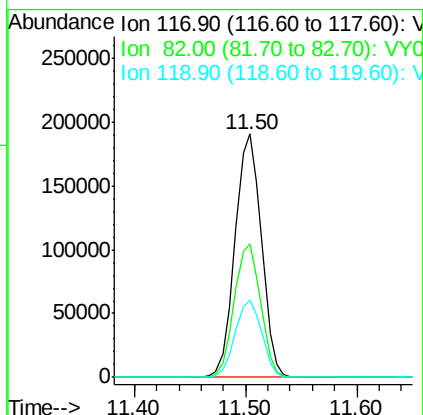
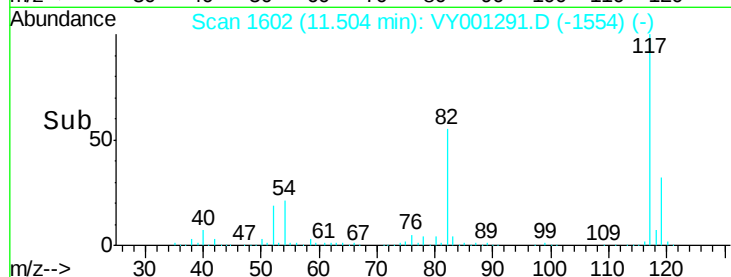
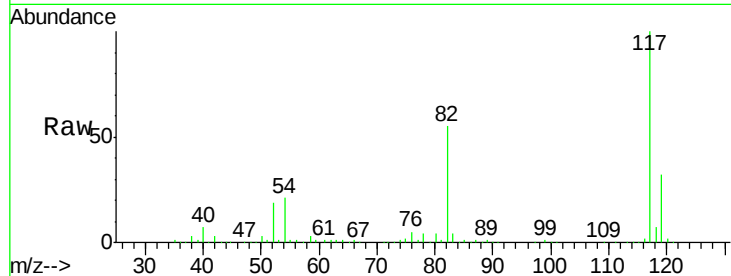




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. -0.01 min
Lab File: VY001291.D
Acq: 20 Jan 2020 13:28

Instrument :
MSVOA_Y
ClientSampleId :
VY0120SBL01

Tot Ion:117 Resp: 311598
Ion Ratio Lower Upper
117 100
82 55.0 44.9 67.3
119 31.6 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.01 min
Lab File: VY001291.D
Acq: 20 Jan 2020 13:28

Tgt Ion:152 Resp: 141624
Ion Ratio Lower Upper
152 100
115 60.8 30.9 92.5
150 160.6 0.0 346.8

