

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012020\
 Data File : VY001313.D
 Acq On : 20 Jan 2020 21:49
 Operator : SY/MD
 Sample : L1205-08
 Misc : 10.94G/5ML/MSVOA Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-1

Quant Time: Jan 21 08:21:56 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	7.83	168	174470	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.72	114	316007	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	290138	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	142316	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.18	65	102508	55.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.26%	
35) Dibromofluoromethane	7.76	113	92694	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
50) Toluene-d8	10.20	98	370309	51.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.88%	
62) 4-Bromofluorobenzene	12.49	95	142062	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	

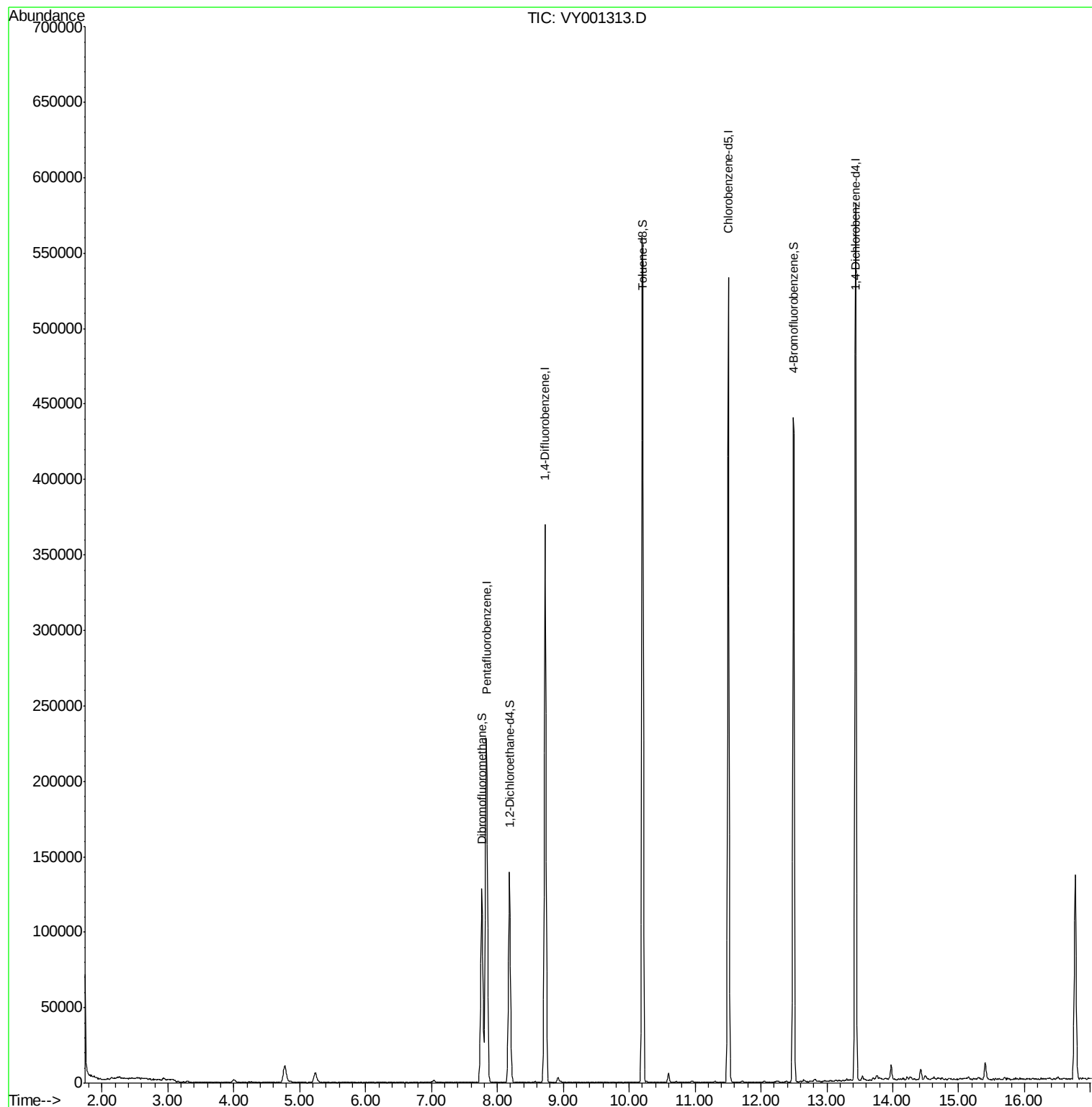
Target Compounds	Qvalue

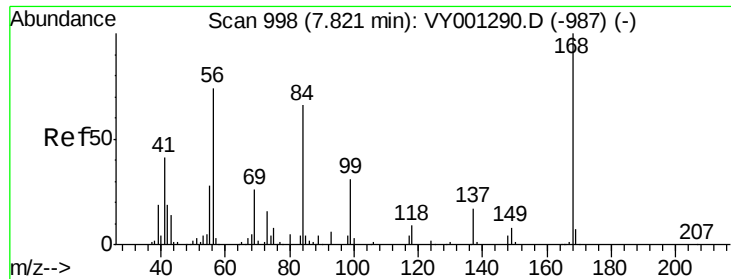
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.83 min Scan# 1000

Delta R.T. 0.01 min

Lab File: VY001313.D

Acq: 20 Jan 2020 21:49

Instrument :

MSVOA_Y

ClientSampled :

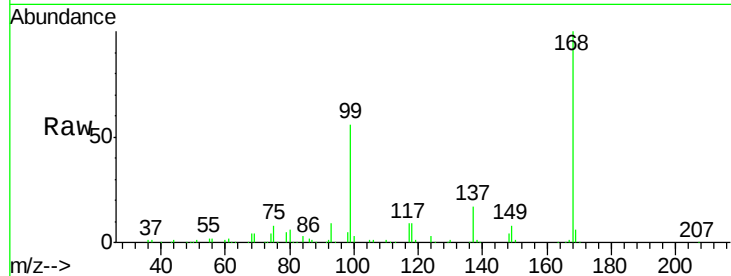
EP-1

Tot Ion:168 Resp: 174470

Ion Ratio Lower Upper

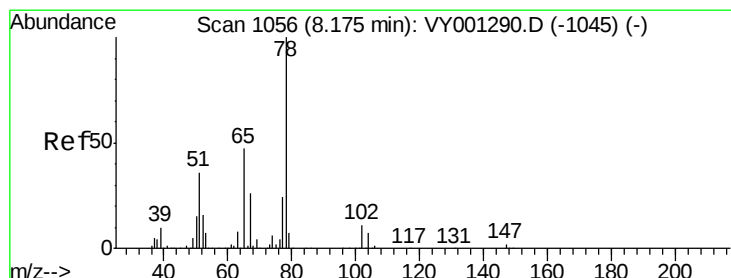
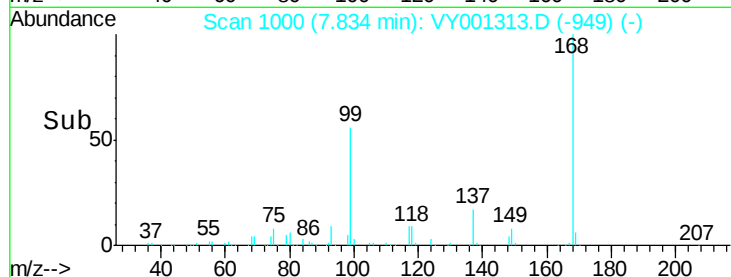
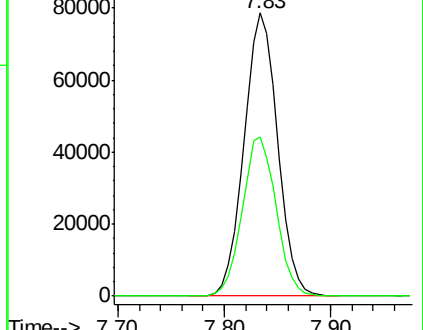
168 100

99 56.2 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001290.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001290.D (-987) (-)



#33

1,2-Dichloroethane-d4

Concen: 55.629 ug/l

RT: 8.18 min Scan# 1057

Delta R.T. 0.01 min

Lab File: VY001313.D

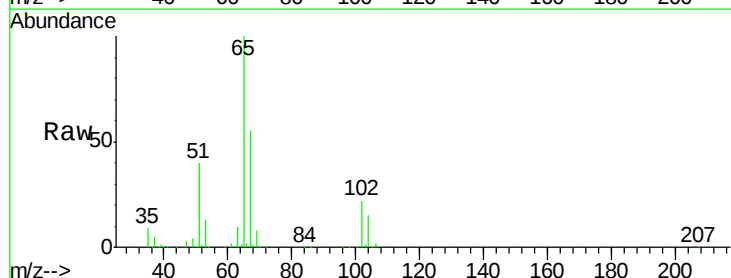
Acq: 20 Jan 2020 21:49

Tgt Ion: 65 Resp: 102508

Ion Ratio Lower Upper

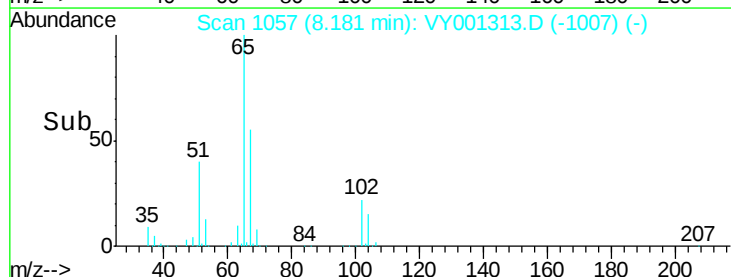
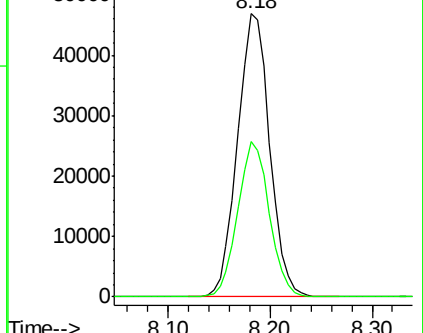
65 100

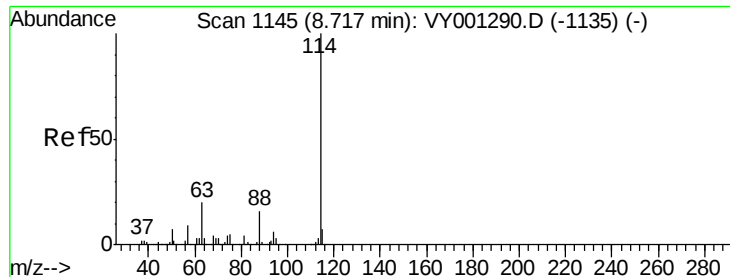
67 53.7 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY001290.D (-1045) (-)

Ion 66.90 (66.60 to 67.60): VY001290.D (-1045) (-)

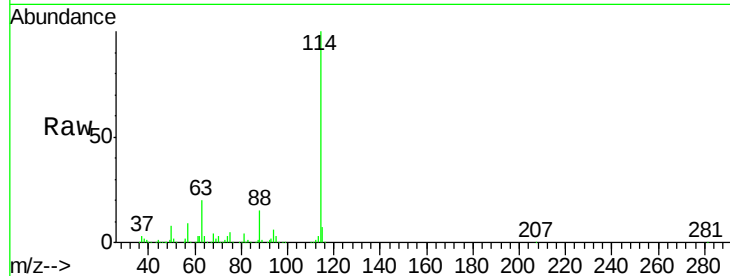




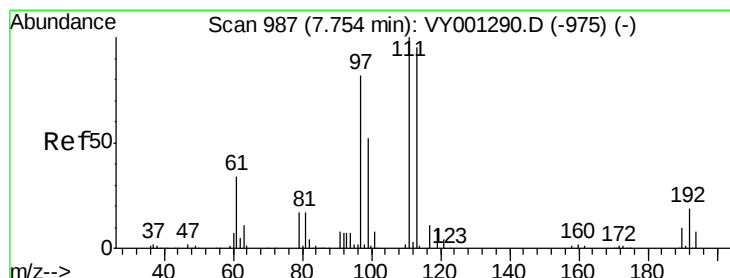
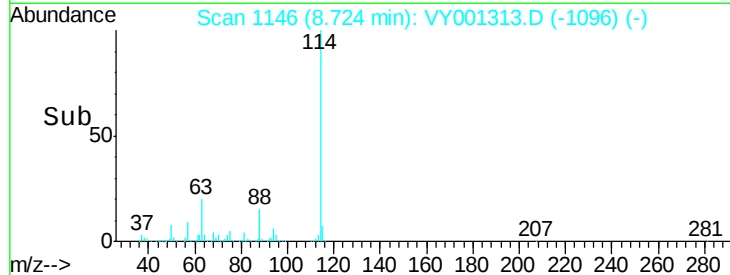
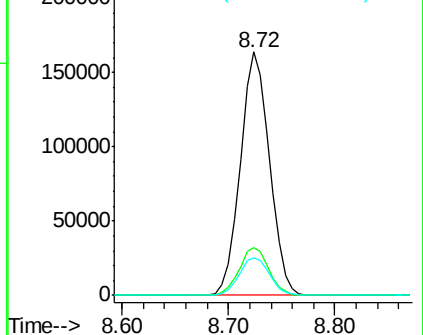
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.72 min Scan# 1146
Delta R.T. 0.01 min
Lab File: VY001313.D
Acq: 20 Jan 2020 21:49

Instrument :
MSVOA_Y
ClientSampleId :
EP-1

Tot Ion:114 Resp: 316007
Ion Ratio Lower Upper
114 100
63 19.7 0.0 40.8
88 15.4 0.0 32.4

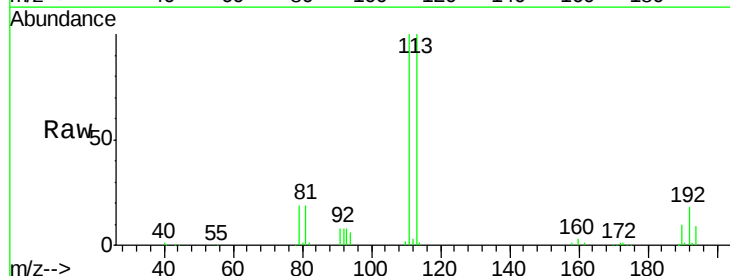


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VY0
Ion 87.90 (87.60 to 88.60): VY0

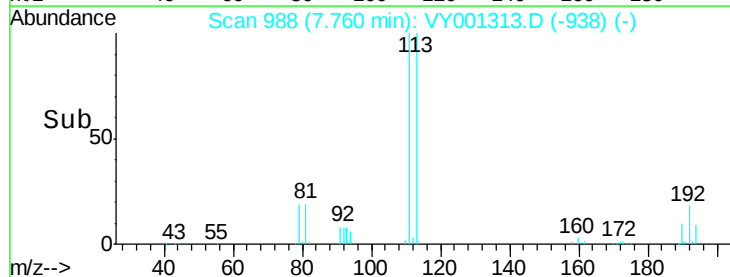
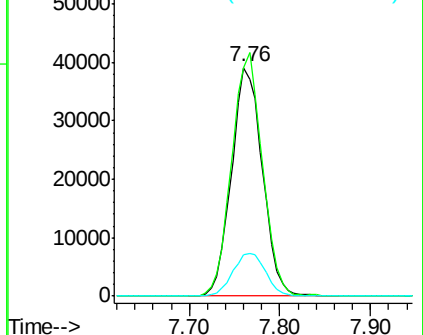


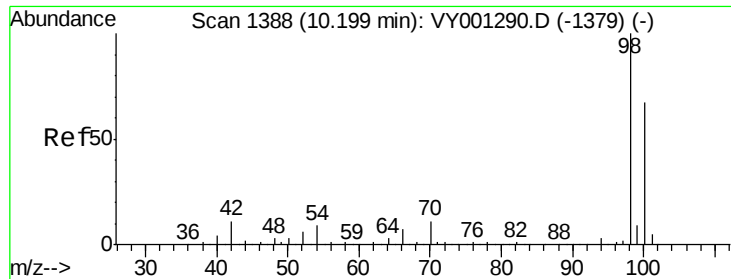
#35
Dibromofluoromethane
Concen: 50.099 ug/l
RT: 7.76 min Scan# 988
Delta R.T. 0.01 min
Lab File: VY001313.D
Acq: 20 Jan 2020 21:49

Tgt Ion:113 Resp: 92694
Ion Ratio Lower Upper
113 100
111 105.1 82.9 124.3
192 19.7 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: 51.943 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VY001313.D

Acq: 20 Jan 2020 21:49

Instrument :

MSVOA_Y

ClientSampleId :

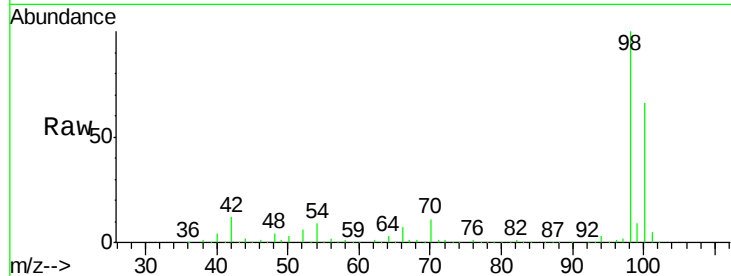
EP-1

Tot Ion: 98 Resp: 370309

Ion Ratio Lower Upper

98 100

100 66.2 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY001290.D (-1379) (-)

Ion 100.00 (99.70 to 100.70): VY001290.D (-1379) (-)

10.20

250000

200000

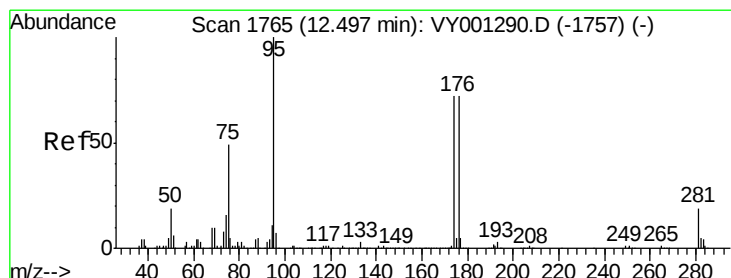
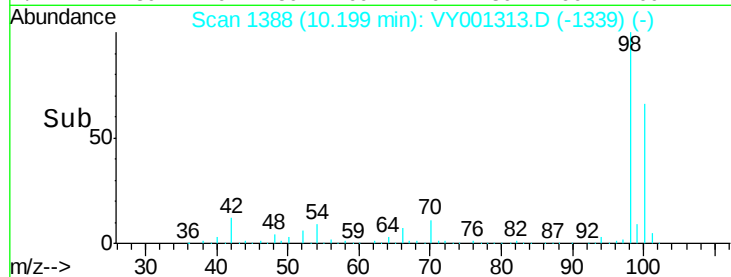
150000

100000

50000

0

Time--> 10.10 10.20 10.30



#62

4-Bromofluorobenzene

Concen: 48.741 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.01 min

Lab File: VY001313.D

Acq: 20 Jan 2020 21:49

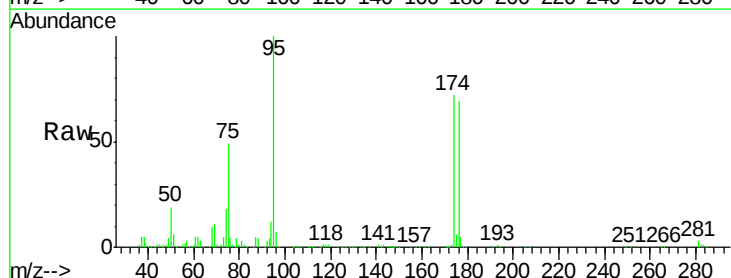
Tgt Ion: 95 Resp: 142062

Ion Ratio Lower Upper

95 100

174 76.1 0.0 143.2

176 72.9 0.0 136.0



Abundance Ion 94.90 (94.60 to 95.60): VY001290.D (-1757) (-)

Ion 173.80 (173.50 to 174.50): VY001290.D (-1757) (-)

Ion 175.80 (175.50 to 176.50): VY001290.D (-1757) (-)

12.49

120000

100000

80000

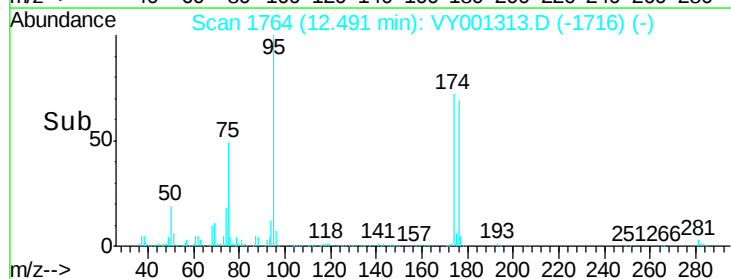
60000

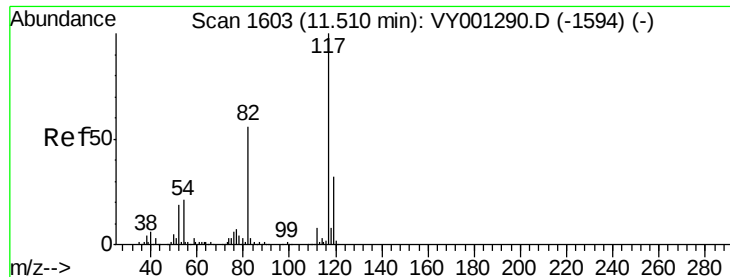
40000

20000

0

Time--> 12.40 12.45 12.50 12.55

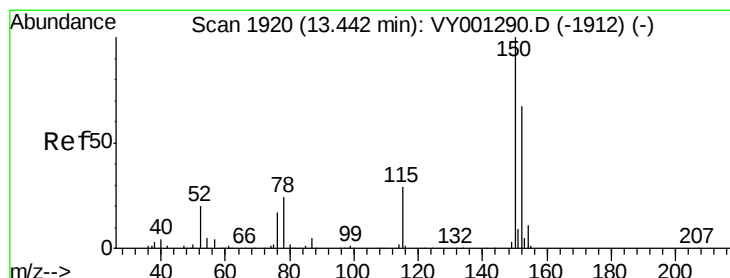
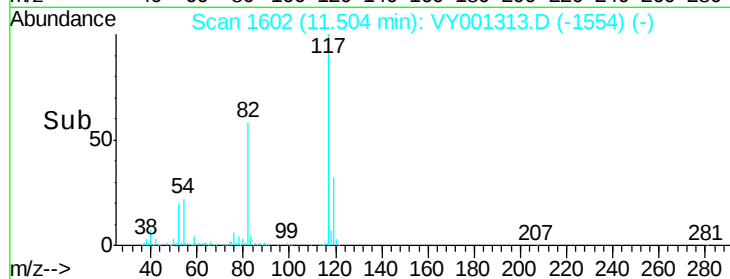
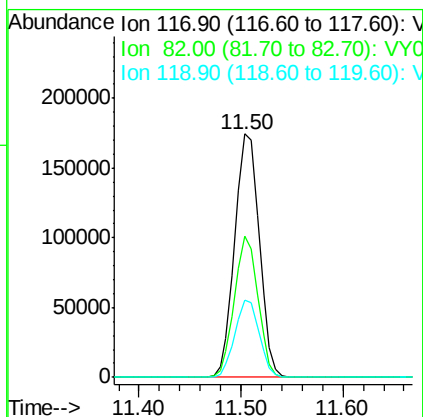
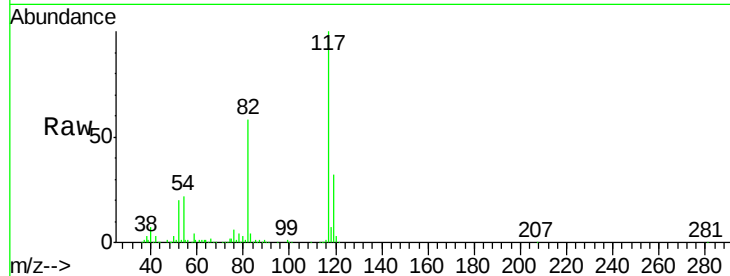




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. -0.01 min
Lab File: VY001313.D
Acq: 20 Jan 2020 21:49

Instrument :
MSVOA_Y
ClientSampleId :
EP-1

Tot Ion:117 Resp: 290138
Ion Ratio Lower Upper
117 100
82 57.8 44.9 67.3
119 31.7 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: VY001313.D
Acq: 20 Jan 2020 21:49

Tgt Ion:152 Resp: 142316
Ion Ratio Lower Upper
152 100
115 59.6 30.9 92.5
150 155.3 0.0 346.8

