

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012020\
 Data File : VY001314.D
 Acq On : 20 Jan 2020 22:11
 Operator : SY/MD
 Sample : L1205-10
 Misc : 11.88G/5ML/MSVOA Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-2

Quant Time: Jan 21 08:23:26 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	32554	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.72	114	53838	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.51	117	42717	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	16873	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.18	65	13912	40.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.92%	
35) Dibromofluoromethane	7.76	113	13911	44.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.26%	
50) Toluene-d8	10.20	98	62690	51.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.22%	
62) 4-Bromofluorobenzene	12.50	95	18506	37.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.54%	

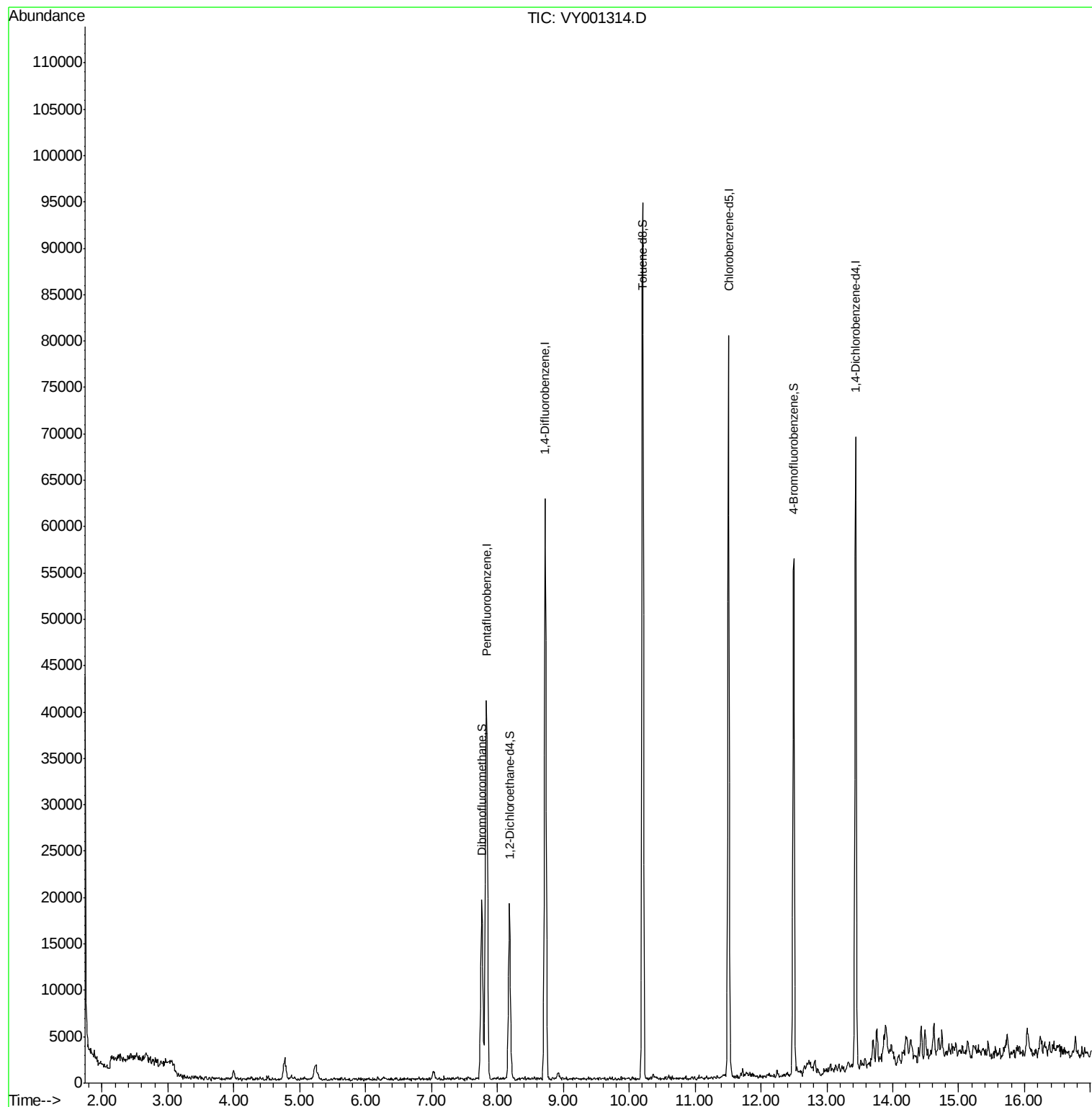
Target Compounds	Qvalue

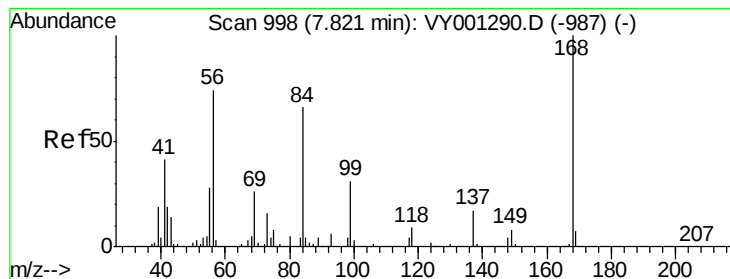
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY001314.D

Acq: 20 Jan 2020 22:11

Instrument :

MSVOA_Y

ClientSampled :

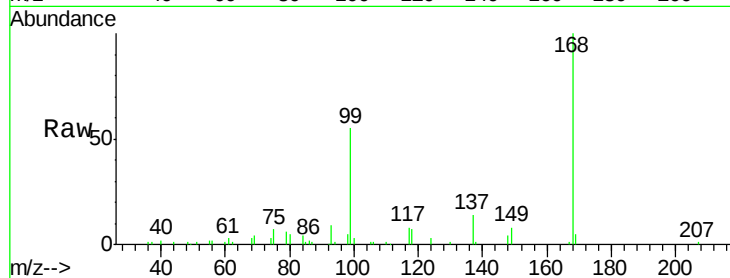
EP-2

Tot Ion:168 Resp: 32554

Ion Ratio Lower Upper

168 100

99 54.8 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) (-)

7.83

15000

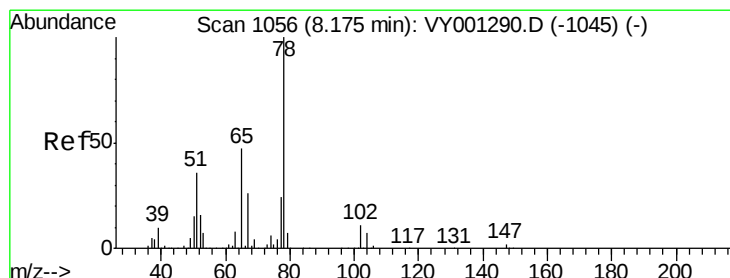
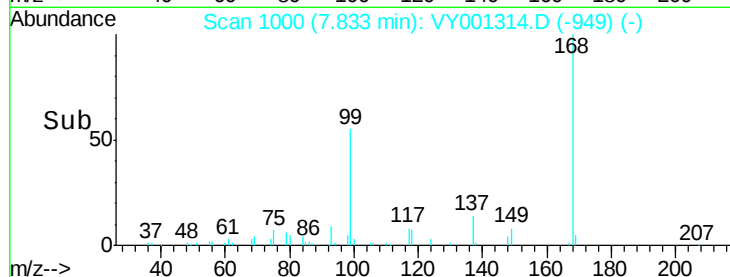
10000

5000

0

7.75 7.80 7.85 7.90 7.95

Time-->



#33

1,2-Dichloroethane-d4

Concen: 40.462 ug/l

RT: 8.18 min Scan# 1057

Delta R.T. 0.01 min

Lab File: VY001314.D

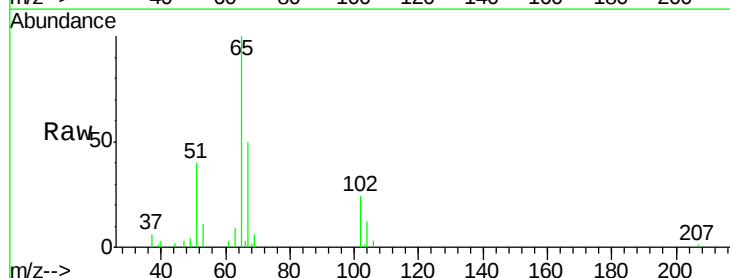
Acq: 20 Jan 2020 22:11

Tgt Ion: 65 Resp: 13912

Ion Ratio Lower Upper

65 100

67 52.2 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) (-)

8.18

8000

6000

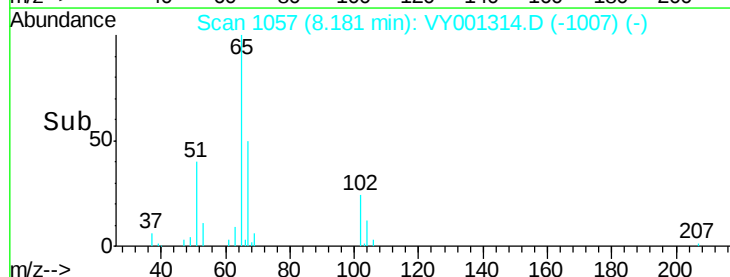
4000

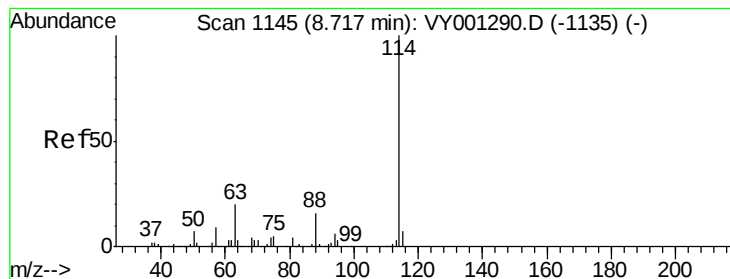
2000

0

8.10 8.15 8.20 8.25

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.72 min Scan# 1146

Delta R.T. 0.01 min

Lab File: VY001314.D

Acq: 20 Jan 2020 22:11

Instrument :

MSVOA_Y

ClientSampleId :

EP-2

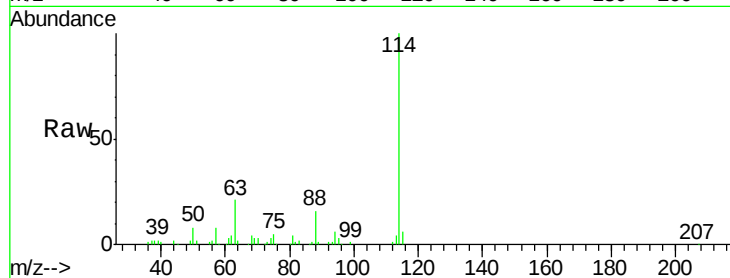
Tot Ion:114 Resp: 53838

Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.8

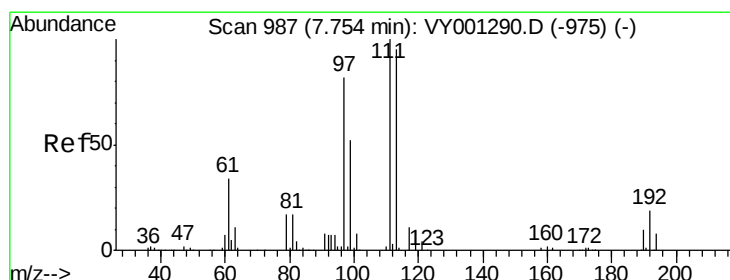
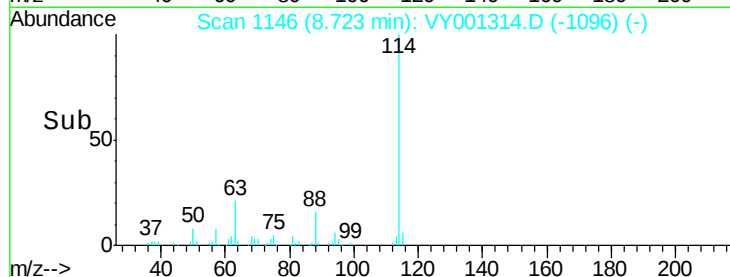
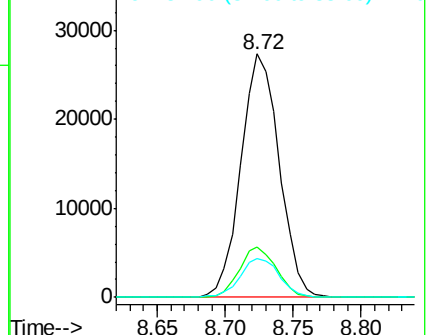
88 16.2 0.0 32.4



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: 44.131 ug/l

RT: 7.76 min Scan# 988

Delta R.T. 0.01 min

Lab File: VY001314.D

Acq: 20 Jan 2020 22:11

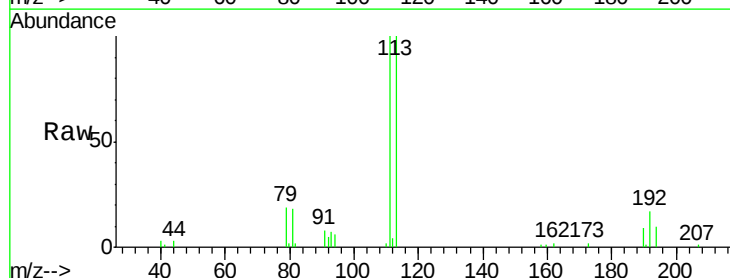
Tgt Ion:113 Resp: 13911

Ion Ratio Lower Upper

113 100

111 103.3 82.9 124.3

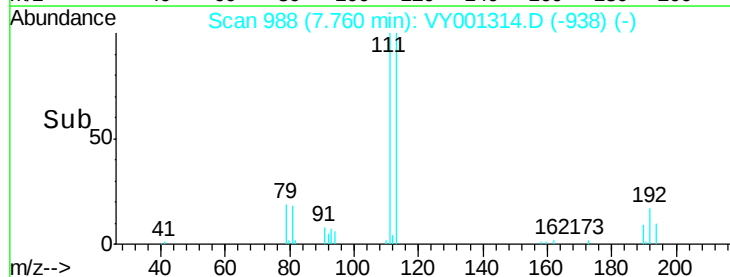
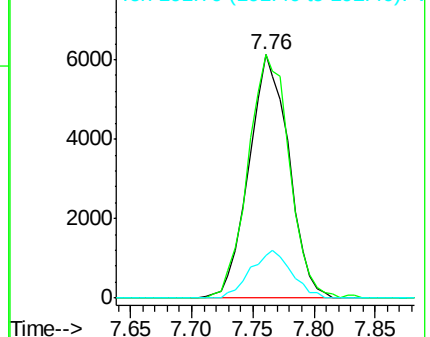
192 19.9 15.4 23.2

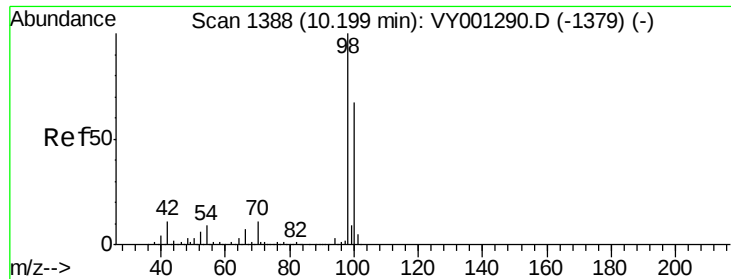


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.614 ug/l

RT: 10.20 min Scan# 1389

Delta R.T. 0.01 min

Lab File: VY001314.D

Acq: 20 Jan 2020 22:11

Instrument :

MSVOA_Y

ClientSampled :

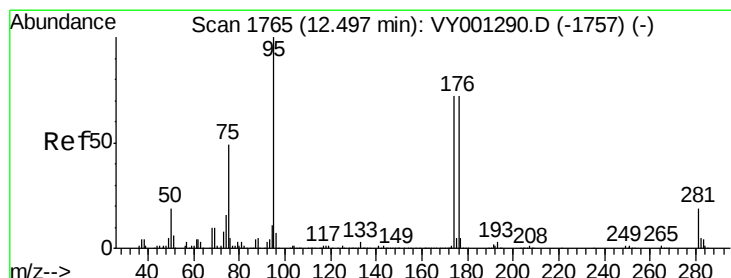
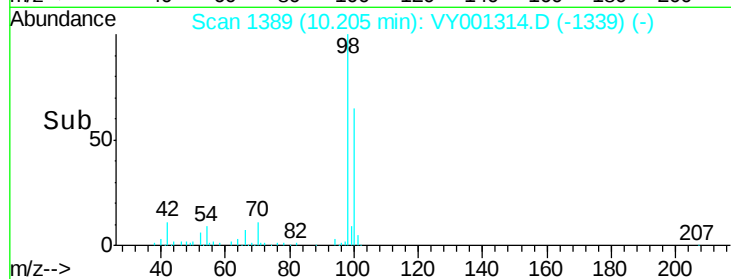
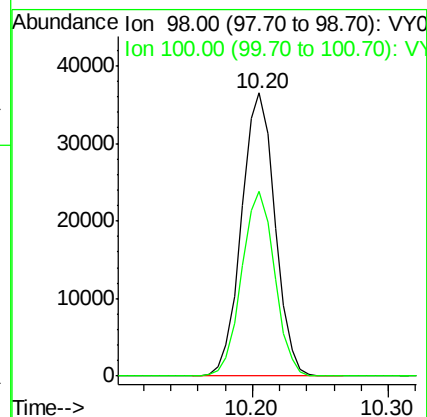
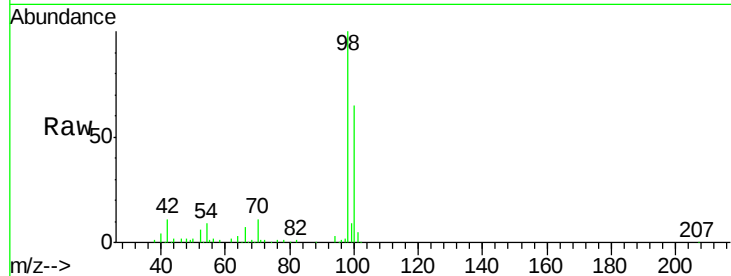
EP-2

Tot Ion: 98 Resp: 62690

Ion Ratio Lower Upper

98 100

100 64.3 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 37.268 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.00 min

Lab File: VY001314.D

Acq: 20 Jan 2020 22:11

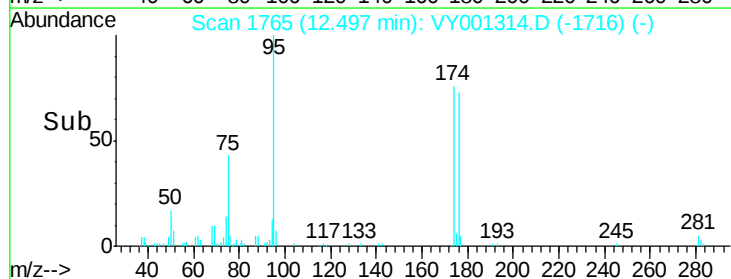
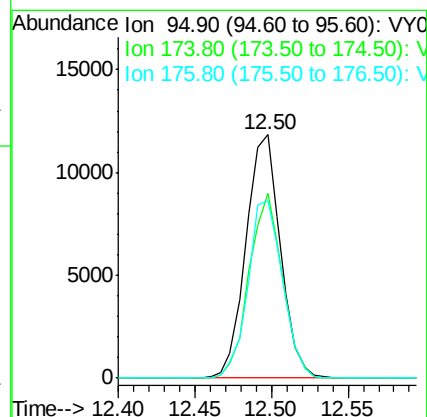
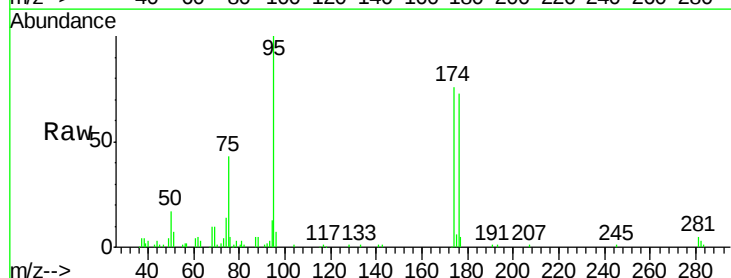
Tgt Ion: 95 Resp: 18506

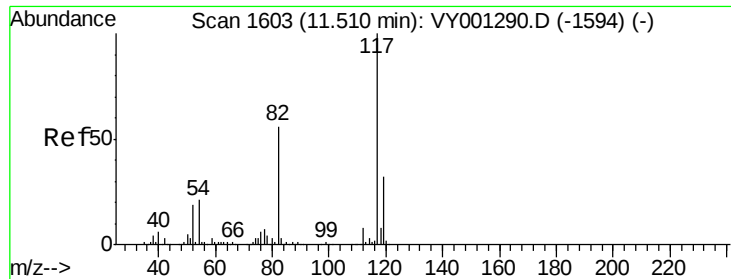
Ion Ratio Lower Upper

95 100

174 73.4 0.0 143.2

176 73.4 0.0 136.0

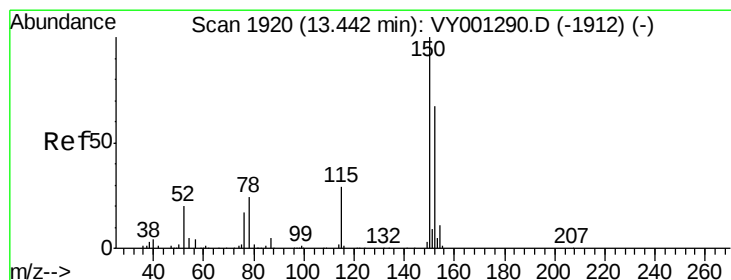
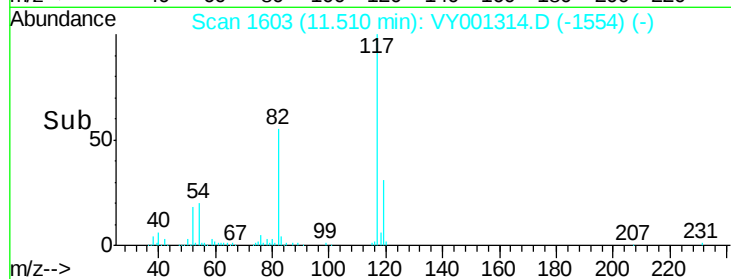
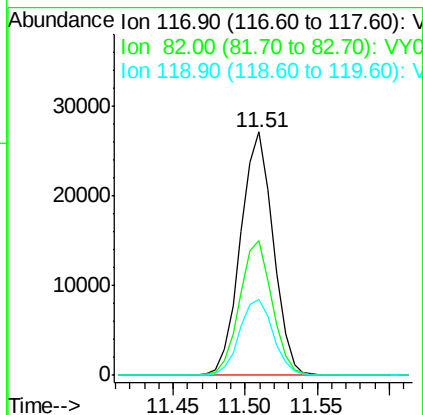
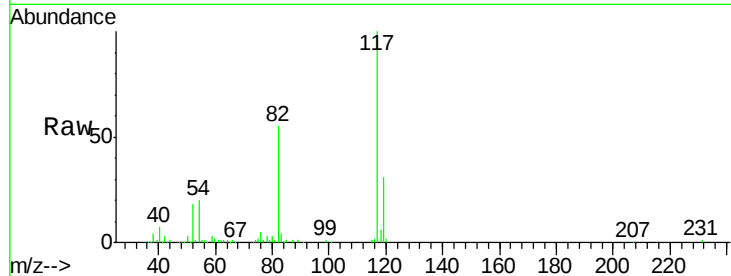




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VY001314.D
Acq: 20 Jan 2020 22:11

Instrument :
MSVOA_Y
ClientSampleId :
EP-2

Tot Ion:117 Resp: 42717
Ion Ratio Lower Upper
117 100
82 55.4 44.9 67.3
119 31.1 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: VY001314.D
Acq: 20 Jan 2020 22:11

Tgt Ion:152 Resp: 16873
Ion Ratio Lower Upper
152 100
115 62.1 30.9 92.5
150 150.9 0.0 346.8

