

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020720\
 Data File : VY001574.D
 Acq On : 07 Feb 2020 22:41
 Operator : SY/MD
 Sample : L1470-03
 Misc : 4.99G/5ML/MSVOA Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-2-(BASE)

Quant Time: Feb 08 04:20:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.83	168	164943	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.72	114	295577	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.51	117	247518	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.44	152	90182	50.00	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.18	65	94524	56.92	ug/l	0.02
Spiked Amount	50.000		Recovery	=	113.84%	
35) Dibromofluoromethane	7.76	113	86132	50.53	ug/l	0.02
Spiked Amount	50.000		Recovery	=	101.06%	
50) Toluene-d8	10.21	98	346972	53.81	ug/l	0.02
Spiked Amount	50.000		Recovery	=	107.62%	
62) 4-Bromofluorobenzene	12.50	95	102697	40.43	ug/l	0.01
Spiked Amount	50.000		Recovery	=	80.86%	

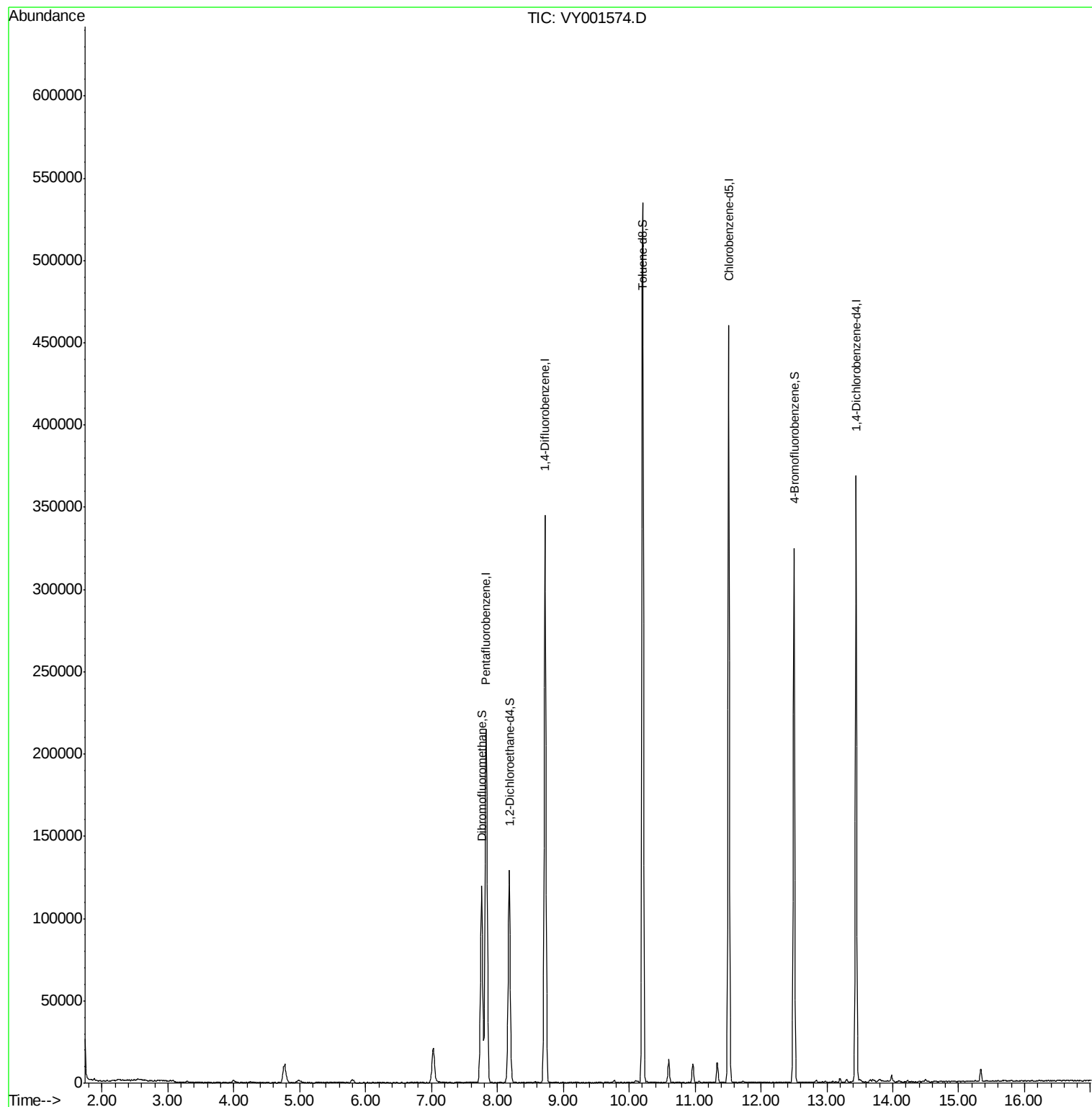
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.83 min Scan# 1000

Delta R.T. 0.02 min

Lab File: VY001574.D

Acq: 07 Feb 2020 22:41

Instrument :

MSVOA_Y

ClientSampleId :

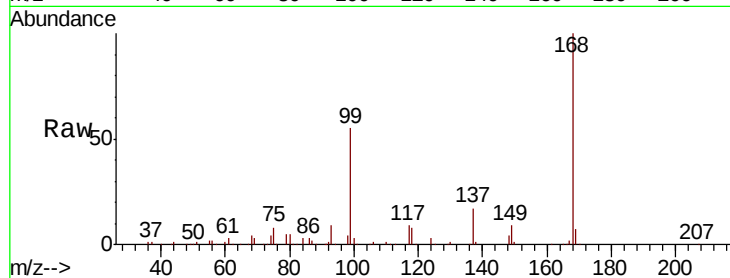
PE-2-(BASE)

Tot Ion:168 Resp: 164943

Ion Ratio Lower Upper

168 100

99 55.0 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001574.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY001574.D (-947) (-)

7.83

80000

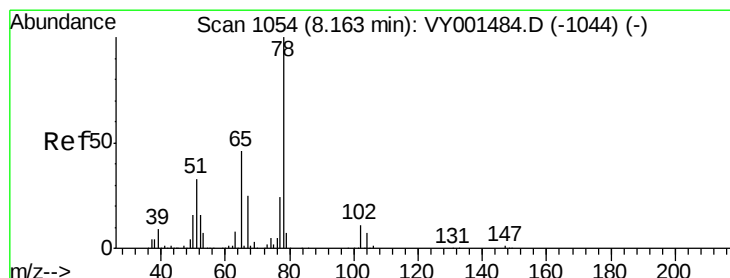
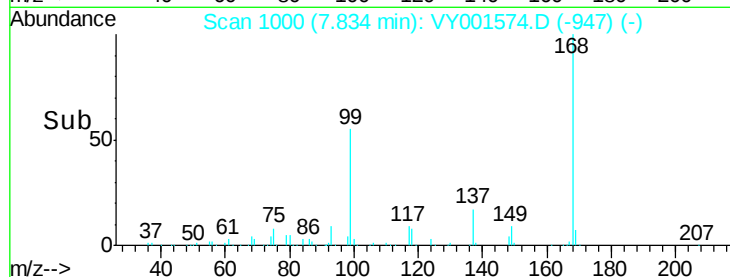
60000

40000

20000

0

Time--> 7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 56.917 ug/l

RT: 8.18 min Scan# 1057

Delta R.T. 0.02 min

Lab File: VY001574.D

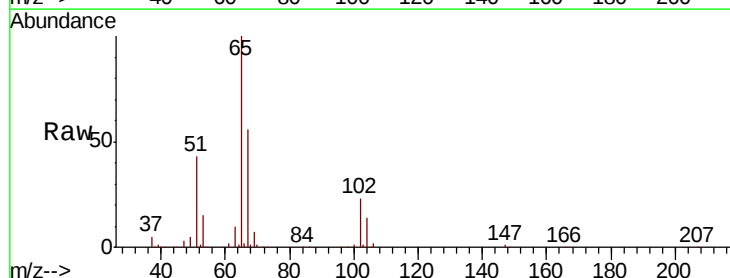
Acq: 07 Feb 2020 22:41

Tgt Ion: 65 Resp: 94524

Ion Ratio Lower Upper

65 100

67 54.8 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY001574.D (-1005) (-)

Ion 66.90 (66.60 to 67.60): VY001574.D (-1005) (-)

8.18

50000

40000

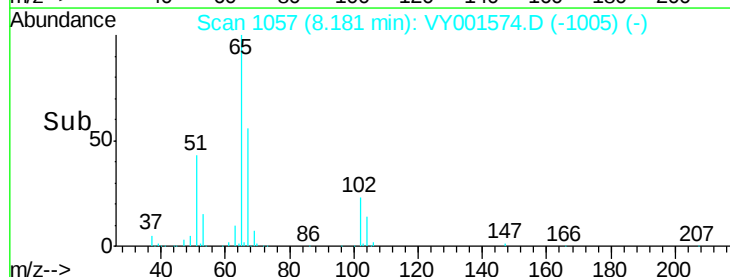
30000

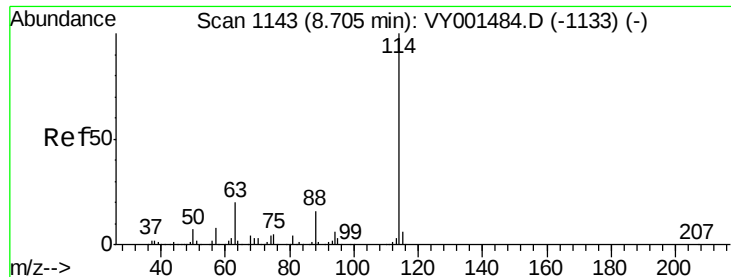
20000

10000

0

Time--> 8.10 8.20 8.30

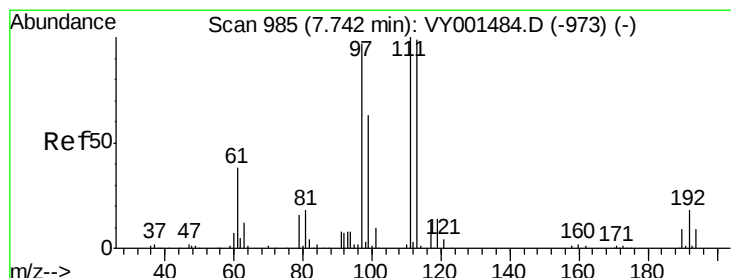
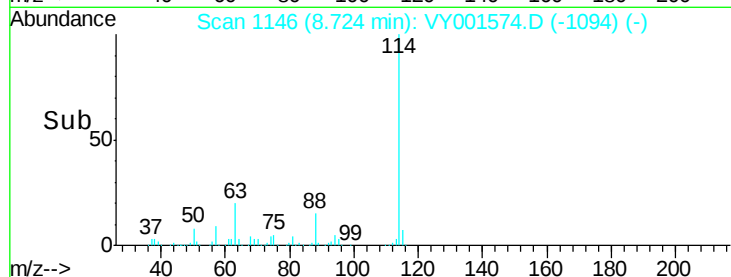
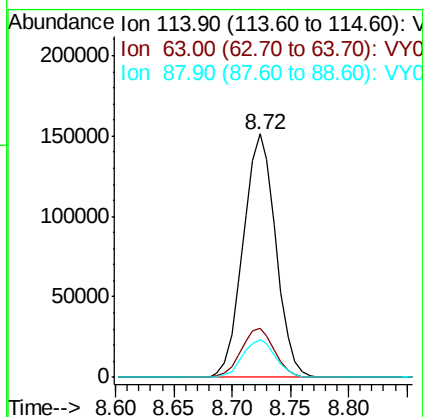
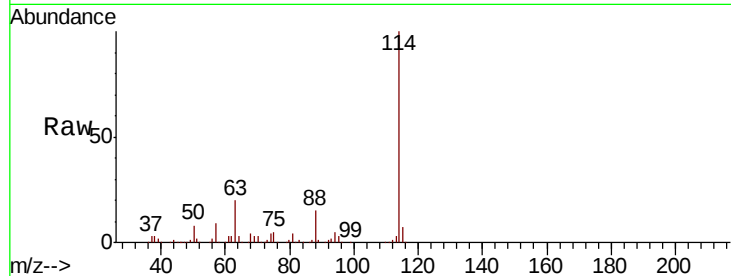




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.72 min Scan# 1146
Delta R.T. 0.02 min
Lab File: VY001574.D
Acq: 07 Feb 2020 22:41

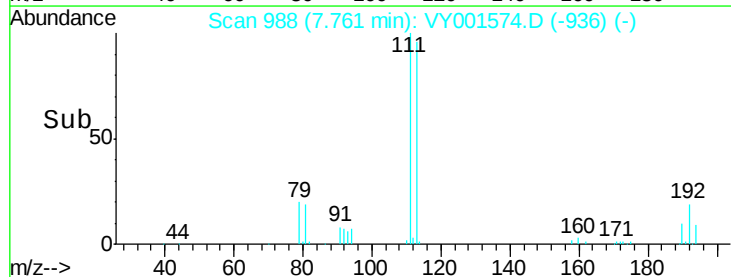
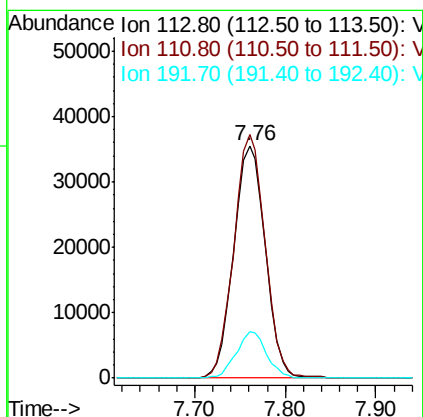
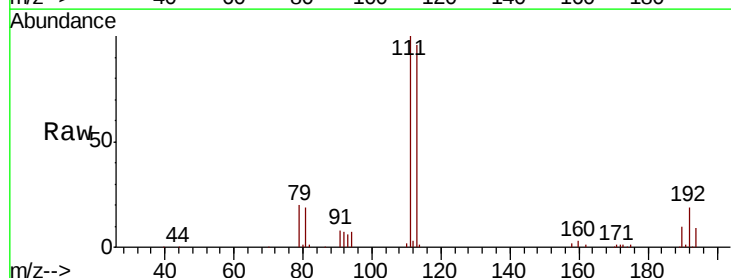
Instrument :
MSVOA_Y
ClientSampleId :
PE-2-(BASE)

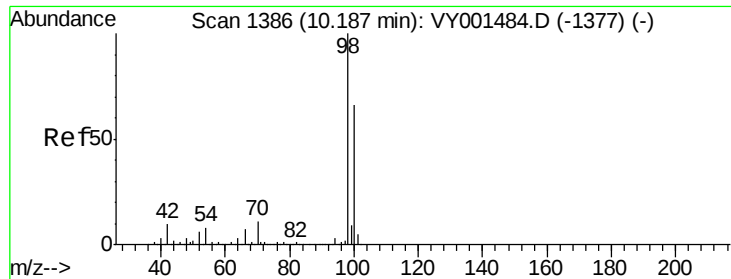
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	39.8
88	15.3	0.0	32.6



#35
Dibromofluoromethane
Concen: 50.534 ug/l
RT: 7.76 min Scan# 988
Delta R.T. 0.02 min
Lab File: VY001574.D
Acq: 07 Feb 2020 22:41

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.9	124.3
192	18.9	14.6	22.0





#50

Toluene-d8

Concen: 53.806 ug/l

RT: 10.21 min Scan# 1389

Delta R.T. 0.02 min

Lab File: VY001574.D

Acq: 07 Feb 2020 22:41

Instrument :

MSVOA_Y

ClientSampleId :

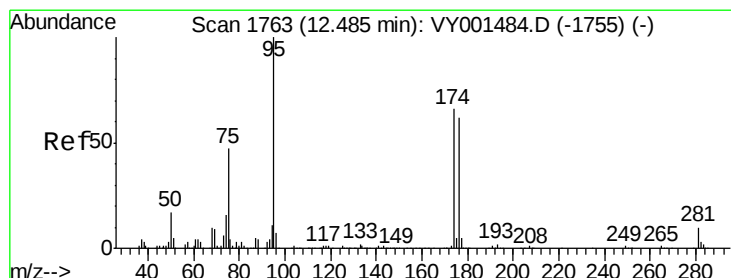
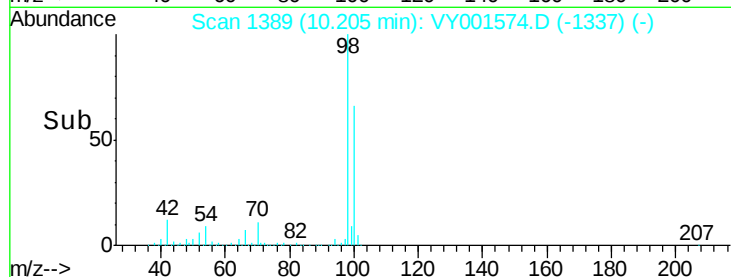
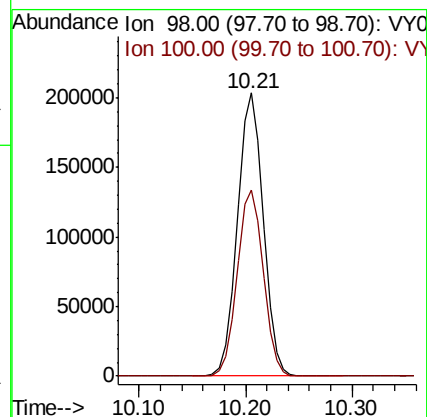
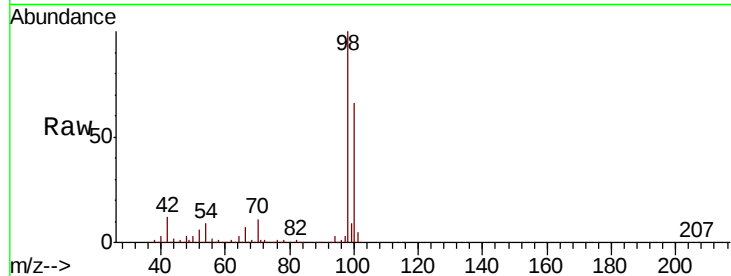
PE-2-(BASE)

Tot Ion: 98 Resp: 346972

Ion Ratio Lower Upper

98 100

100 66.2 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 40.425 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.01 min

Lab File: VY001574.D

Acq: 07 Feb 2020 22:41

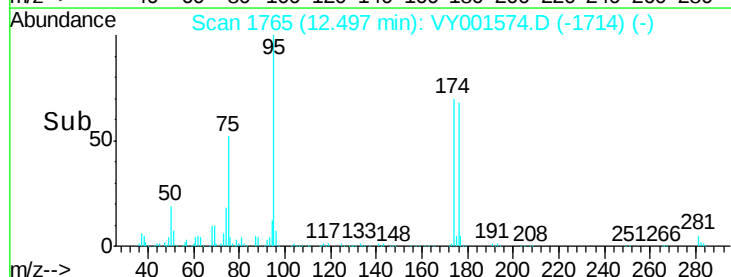
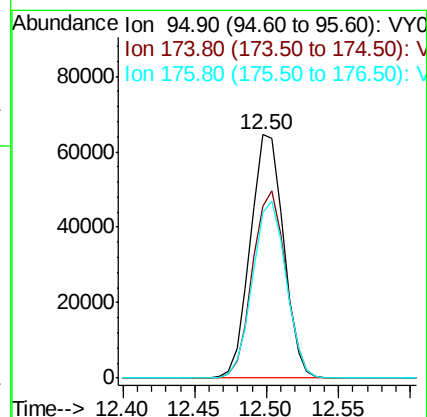
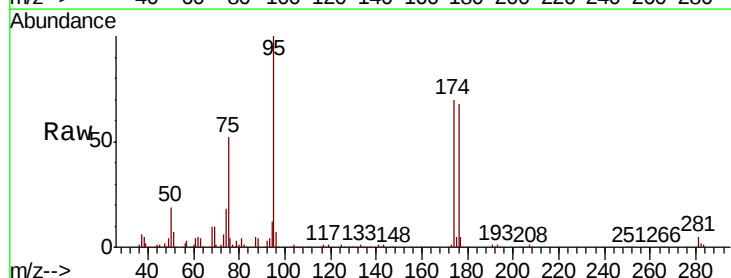
Tgt Ion: 95 Resp: 102697

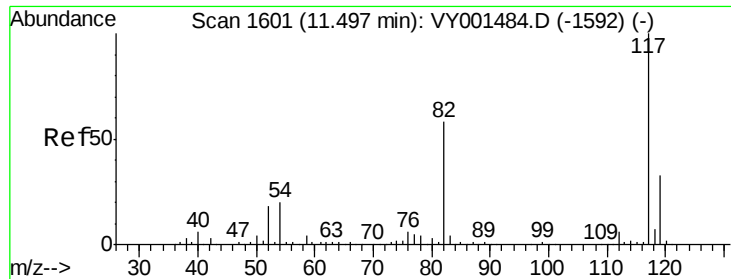
Ion Ratio Lower Upper

95 100

174 76.8 0.0 141.4

176 73.3 0.0 135.4

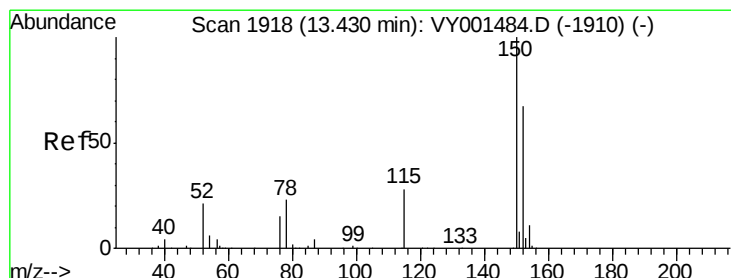
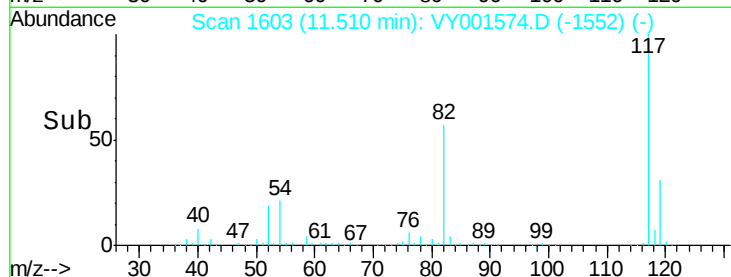
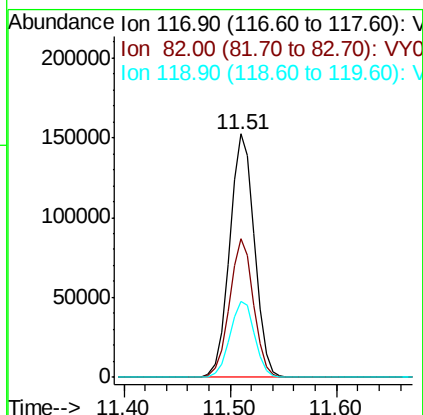
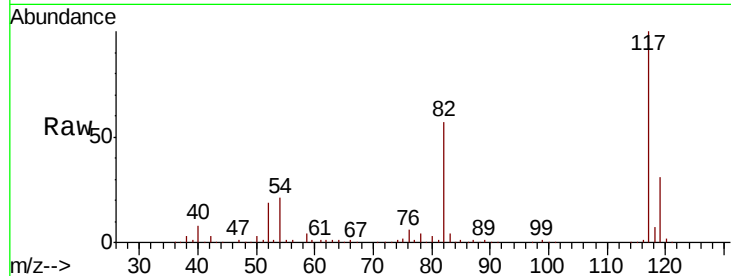




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. 0.01 min
Lab File: VY001574.D
Acq: 07 Feb 2020 22:41

Instrument :
MSVOA_Y
ClientSampleId :
PE-2-(BASE)

Tot Ion:117 Resp: 247518
Ion Ratio Lower Upper
117 100
82 56.8 46.1 69.1
119 31.5 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1920
Delta R.T. 0.01 min
Lab File: VY001574.D
Acq: 07 Feb 2020 22:41

Tgt Ion:152 Resp: 90182
Ion Ratio Lower Upper
152 100
115 60.6 31.4 94.3
150 157.5 0.0 346.8

