

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041520\
 Data File : VY002340.D
 Acq On : 15 Apr 2020 16:27
 Operator : SY/MD
 Sample : L2245-32
 Misc : 4.72G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-28

Quant Time: Apr 16 07:17:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	148346	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	297496	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	272350	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	113193	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	86489	52.43	ug/l	0.00
Spiked Amount						
			Recovery	=	104.86%	
35) Dibromofluoromethane	7.74	113	87473	49.41	ug/l	0.00
Spiked Amount						
			Recovery	=	98.82%	
50) Toluene-d8	10.19	98	360107	48.60	ug/l	0.00
Spiked Amount						
			Recovery	=	97.20%	
62) 4-Bromofluorobenzene	12.49	95	121826	49.84	ug/l	0.00
Spiked Amount						
			Recovery	=	99.68%	

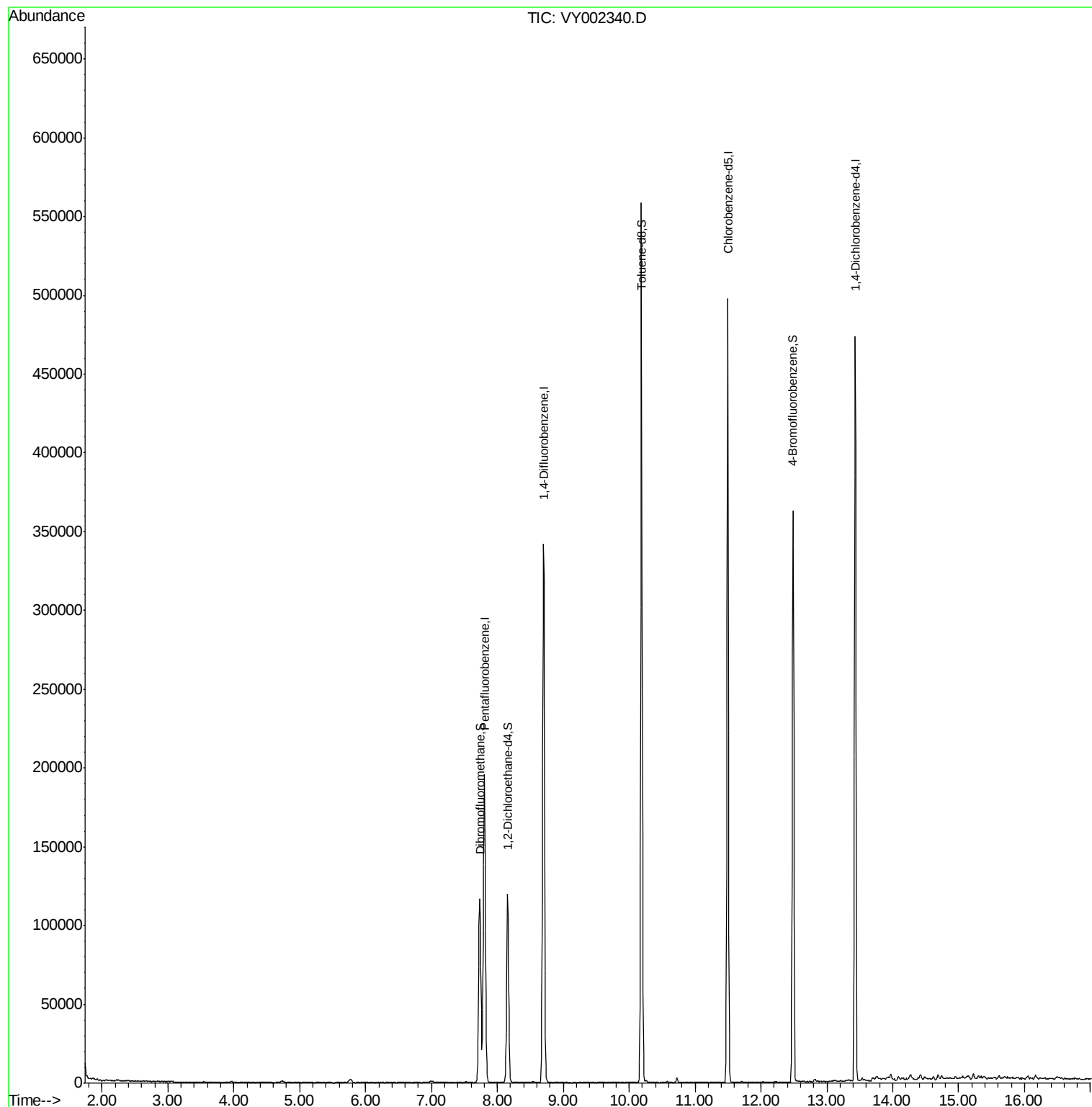
Target Compounds	Qvalue
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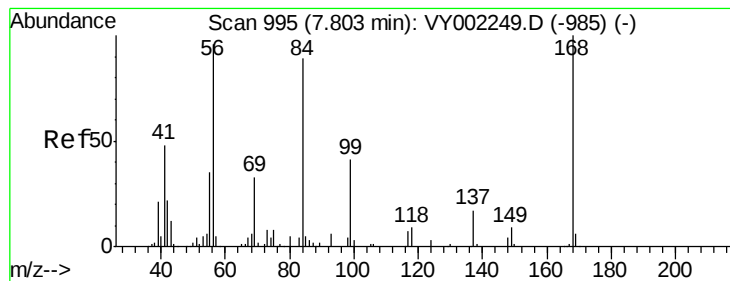
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY002340.D

Acq: 15 Apr 2020 16:27

Instrument :

MSVOA_Y

ClientSampled :

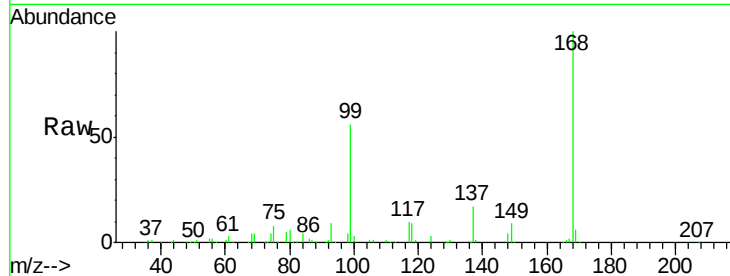
TP-28

Tot Ion:168 Resp: 148346

Ion Ratio Lower Upper

168 100

99 55.9 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VY002249.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002249.D (-985) (-)

7.80

60000

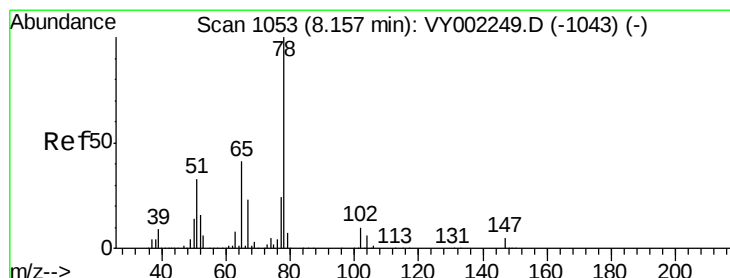
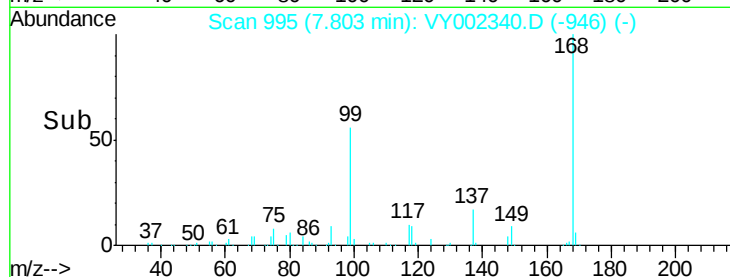
40000

20000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.427 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VY002340.D

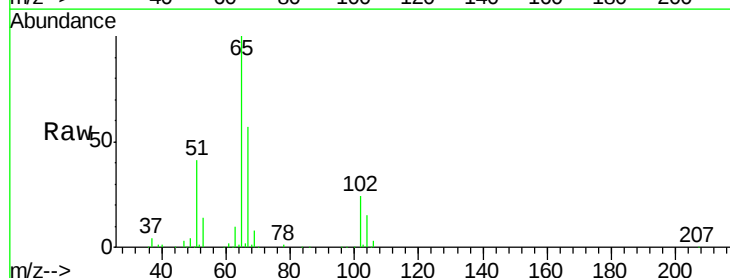
Acq: 15 Apr 2020 16:27

Tgt Ion: 65 Resp: 86489

Ion Ratio Lower Upper

65 100

67 55.7 0.0 114.0



Abundance Ion 64.90 (64.60 to 65.60): VY002249.D (-1043) (-)

Ion 66.90 (66.60 to 67.60): VY002249.D (-1043) (-)

8.16

40000

30000

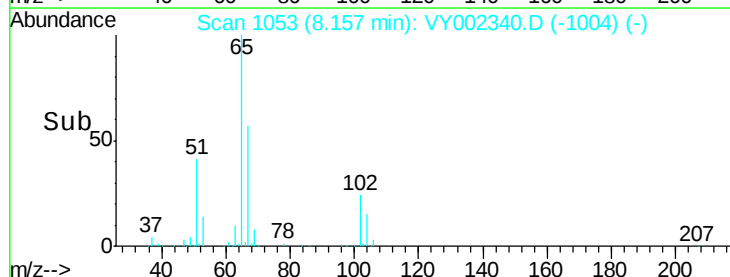
20000

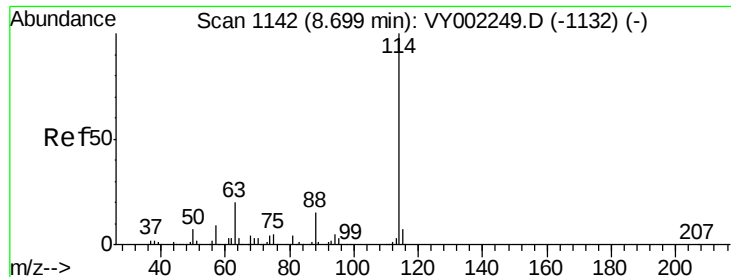
10000

0

8.10 8.20

Time-->

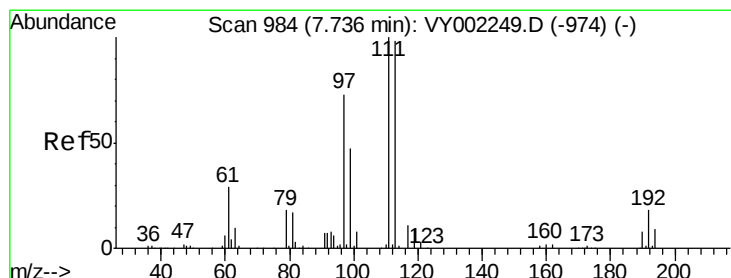
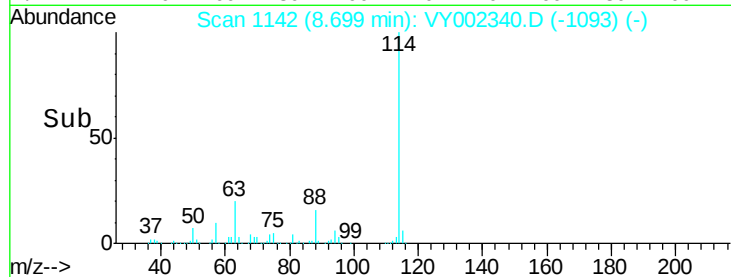
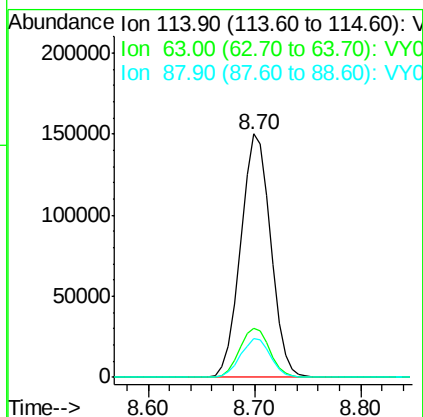
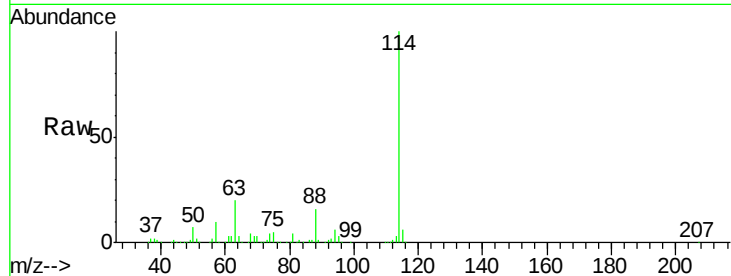




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY002340.D
 Acq: 15 Apr 2020 16:27

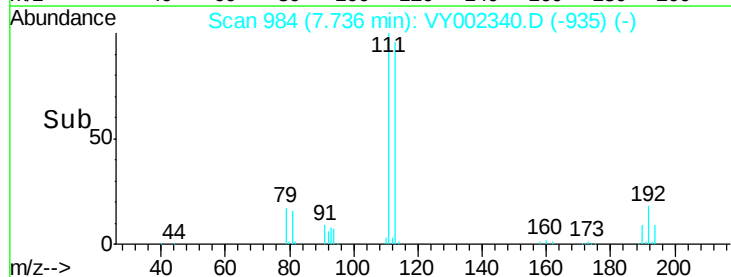
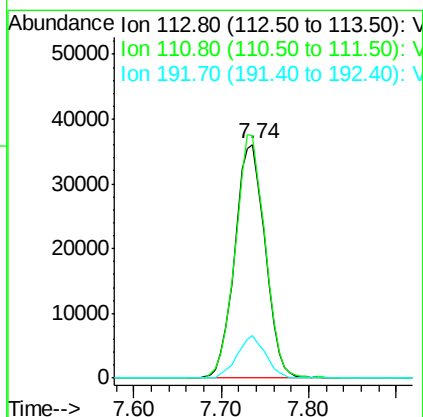
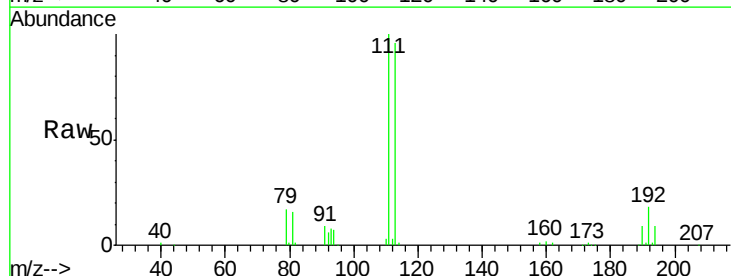
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-28

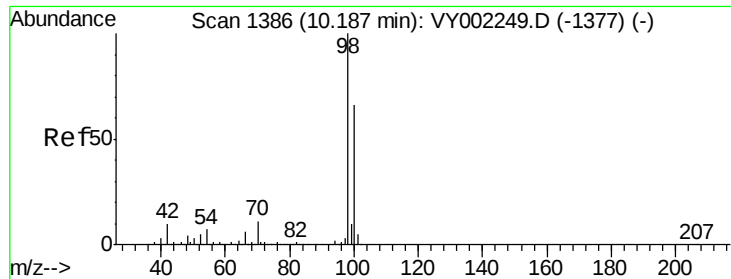
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	39.0
88	16.0	0.0	31.0



#35
 Dibromofluoromethane
 Concen: 49.414 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.00 min
 Lab File: VY002340.D
 Acq: 15 Apr 2020 16:27

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	83.5	125.3
192	16.9	14.7	22.1





#50

Toluene-d8

Concen: 48.602 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY002340.D

Acq: 15 Apr 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

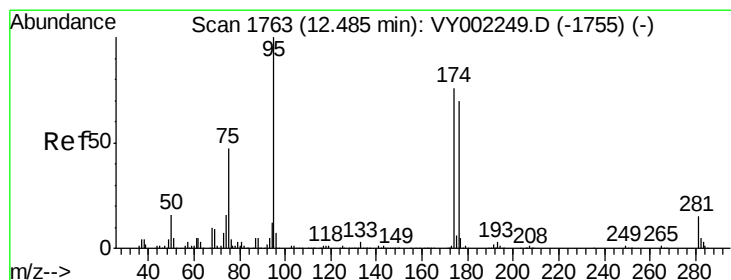
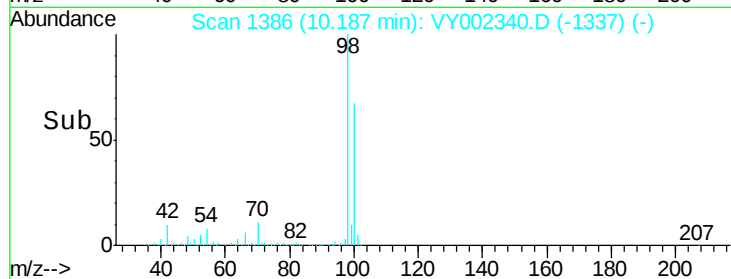
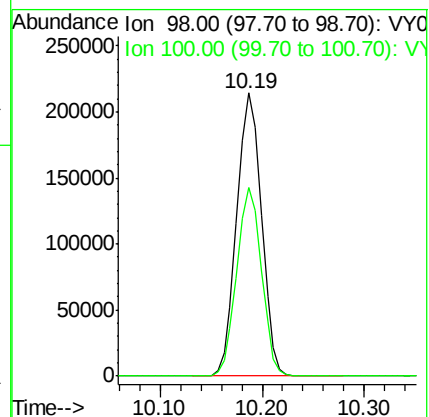
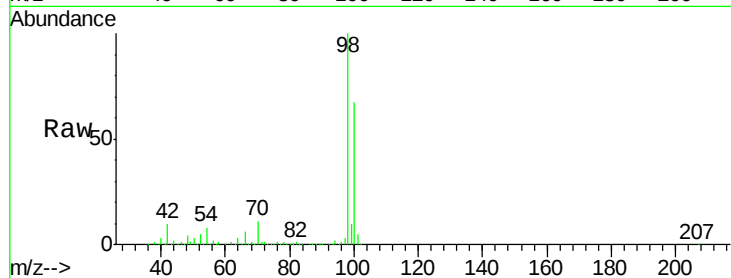
TP-28

Tot Ion: 98 Resp: 360107

Ion Ratio Lower Upper

98 100

100 66.3 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 49.838 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VY002340.D

Acq: 15 Apr 2020 16:27

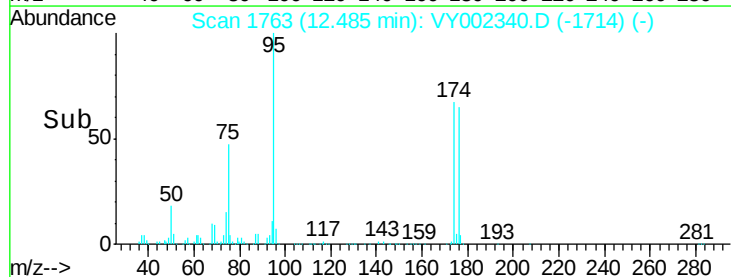
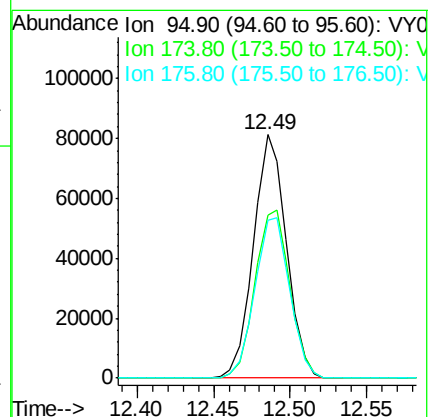
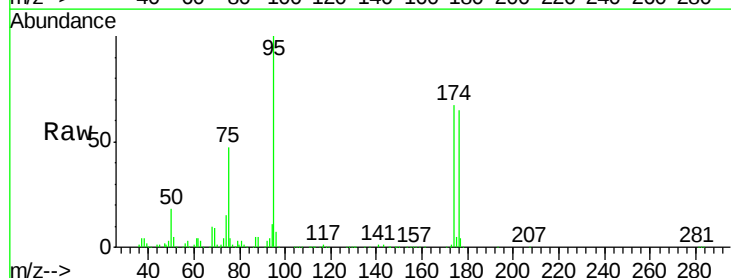
Tgt Ion: 95 Resp: 121826

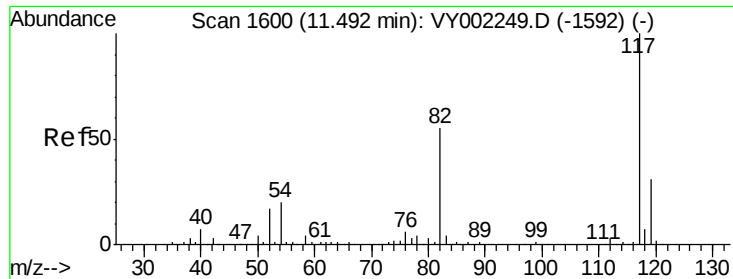
Ion Ratio Lower Upper

95 100

174 72.8 0.0 150.6

176 69.7 0.0 141.4

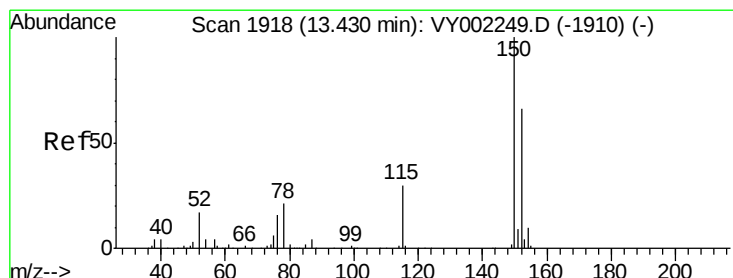
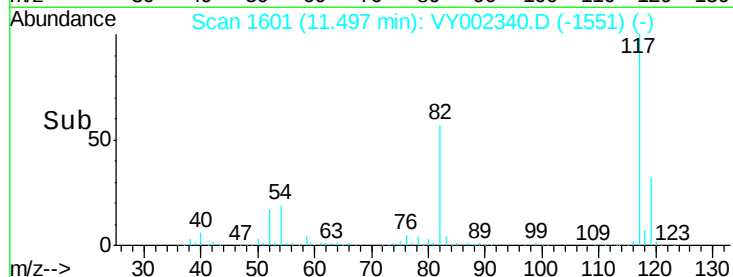
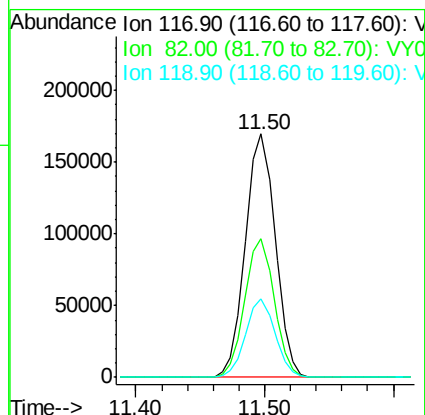
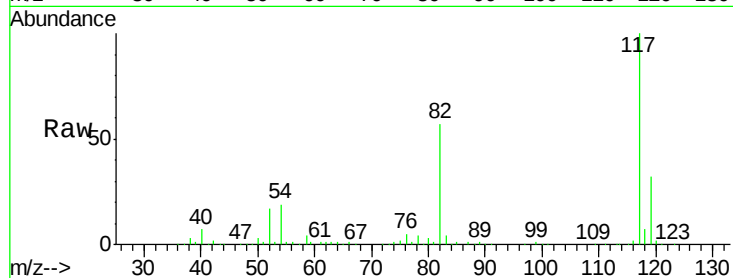




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002340.D
Acq: 15 Apr 2020 16:27

Instrument :
MSVOA_Y
ClientSampled :
TP-28

Tot Ion:117 Resp: 272350
Ion Ratio Lower Upper
117 100
82 56.8 44.2 66.4
119 32.4 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VY002340.D
Acq: 15 Apr 2020 16:27

Tgt Ion:152 Resp: 113193
Ion Ratio Lower Upper
152 100
115 62.4 30.7 92.1
150 159.7 0.0 350.6

