

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011720\
 Data File : VY001277.D
 Acq On : 17 Jan 2020 19:46
 Operator : SY/MD
 Sample : L1171-02
 Misc : 6.16G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BW-1A-45.0

Quant Time: Jan 18 04:45:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 10 16:01:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.83	168	79161	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.72	114	134826	50.00	ug/l	0.03
63) Chlorobenzene-d5	11.51	117	110700	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.44	152	49014	50.00	ug/l	0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.18	65	37037	44.30	ug/l	0.03
Spiked Amount	50.000		Recovery	=	88.60%	
35) Dibromofluoromethane	7.76	113	36975	46.84	ug/l	0.04
Spiked Amount	50.000		Recovery	=	93.68%	
50) Toluene-d8	10.21	98	153268	50.39	ug/l	0.02
Spiked Amount	50.000		Recovery	=	100.78%	
62) 4-Bromofluorobenzene	12.50	95	52629	42.32	ug/l	0.02
Spiked Amount	50.000		Recovery	=	84.64%	

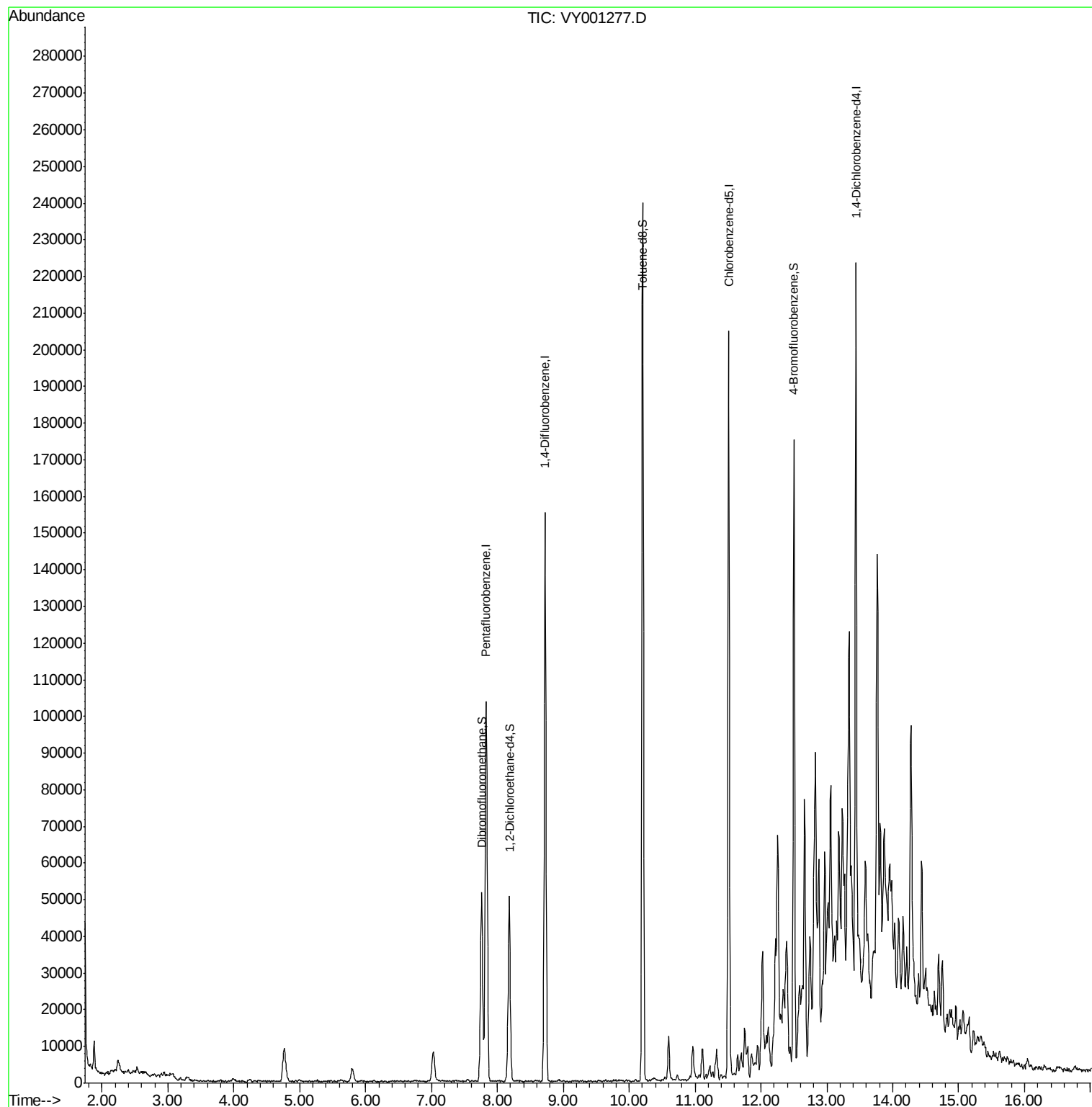
Target Compounds	Qvalue

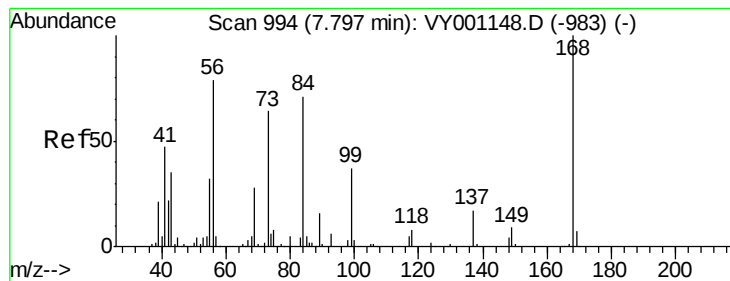
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.83 min Scan# 999

Delta R.T. 0.03 min

Lab File: VY001277.D

Acq: 17 Jan 2020 19:46

Instrument :

MSVOA_Y

ClientSampleId :

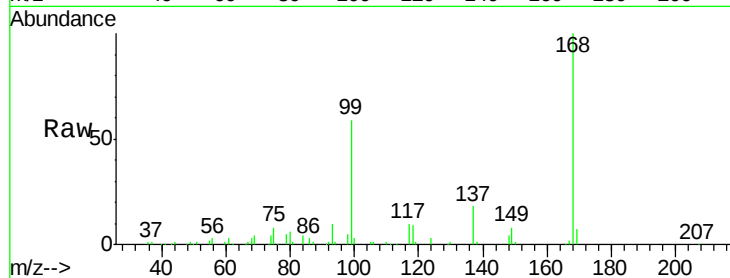
BW-1A-45.0

Tot Ion:168 Resp: 79161

Ion Ratio Lower Upper

168 100

99 59.2 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001148.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001148.D (-983) (-)

7.83

40000

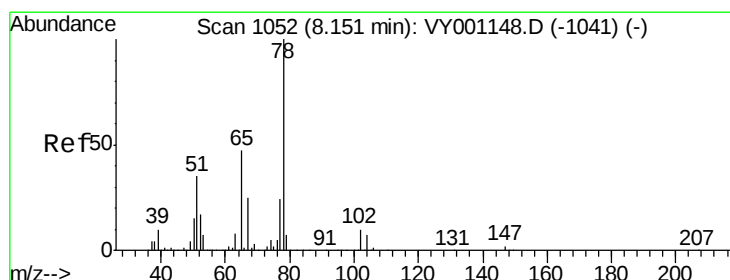
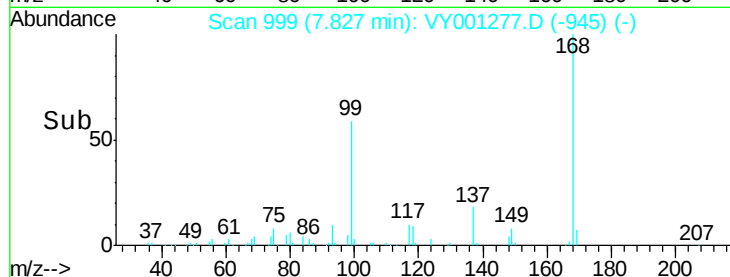
30000

20000

10000

0

Time--> 7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 44.298 ug/l

RT: 8.18 min Scan# 1057

Delta R.T. 0.03 min

Lab File: VY001277.D

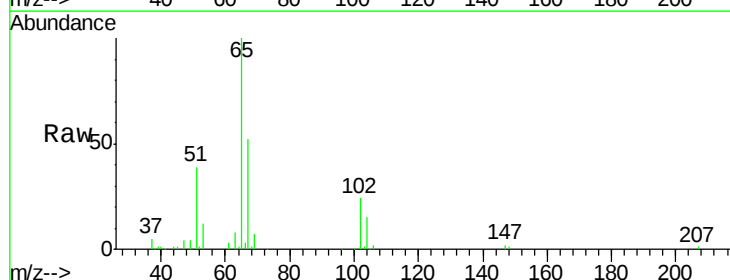
Acq: 17 Jan 2020 19:46

Tgt Ion: 65 Resp: 37037

Ion Ratio Lower Upper

65 100

67 55.3 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY001148.D (-1041) (-)

Ion 66.90 (66.60 to 67.60): VY001148.D (-1041) (-)

8.18

20000

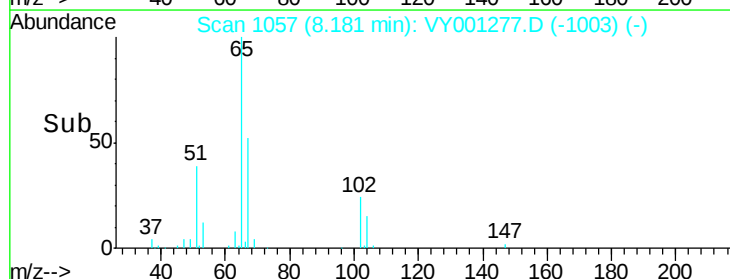
15000

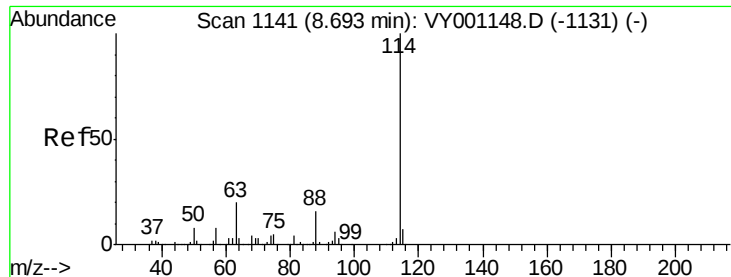
10000

5000

0

Time--> 8.10 8.15 8.20 8.25 8.30

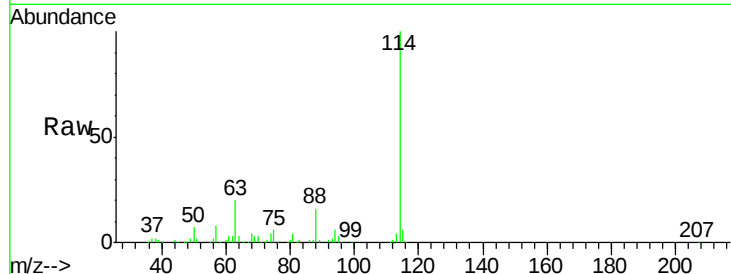




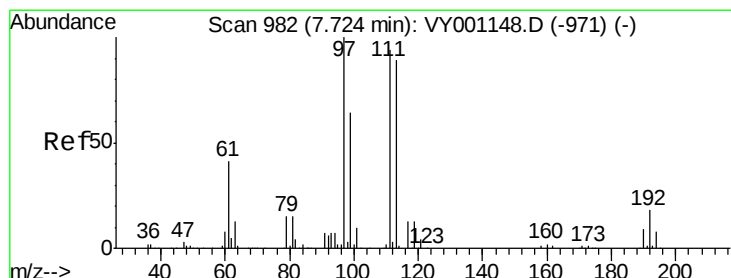
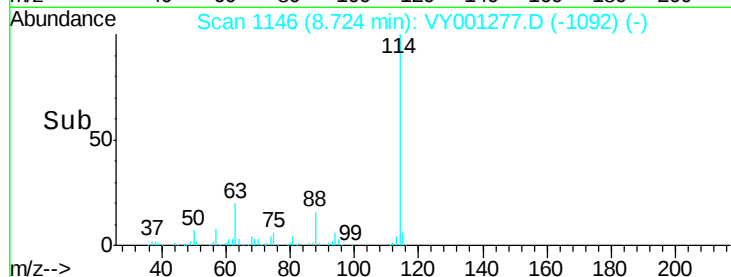
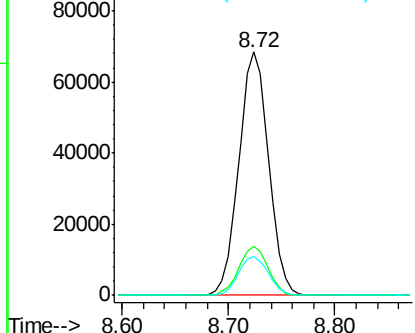
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.72 min Scan# 1146
 Delta R.T. 0.03 min
 Lab File: VY001277.D
 Acq: 17 Jan 2020 19:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 BW-1A-45.0

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	40.8
88	16.0	0.0	32.4

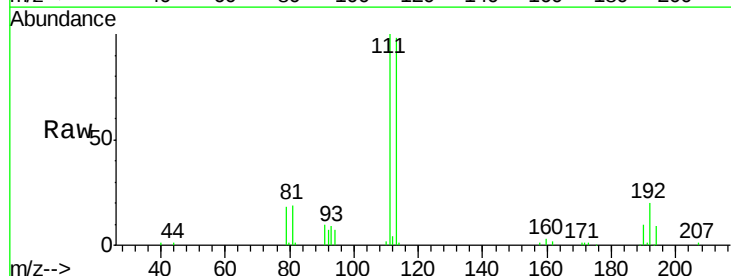


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

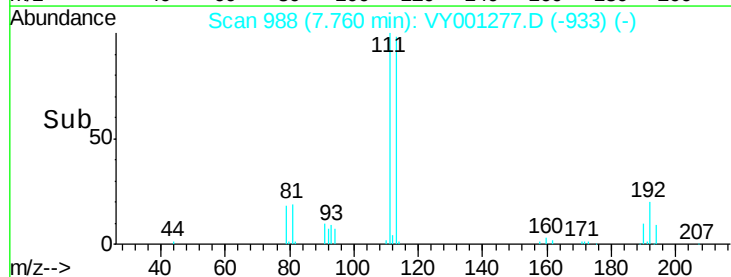
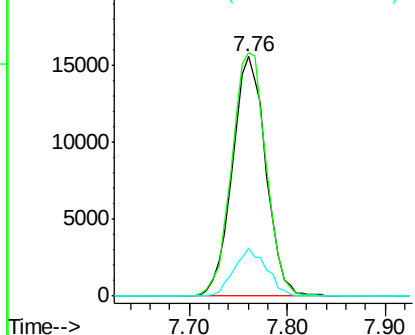


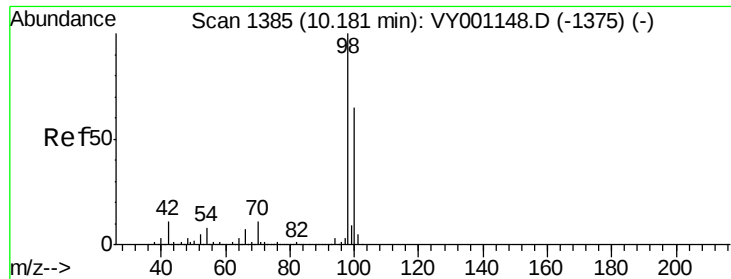
#35
 Dibromofluoromethane
 Concen: 46.839 ug/l
 RT: 7.76 min Scan# 988
 Delta R.T. 0.04 min
 Lab File: VY001277.D
 Acq: 17 Jan 2020 19:46

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.0	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: 50.389 ug/l

RT: 10.21 min Scan# 1389

Delta R.T. 0.02 min

Lab File: VY001277.D

Acq: 17 Jan 2020 19:46

Instrument :

MSVOA_Y

ClientSampleId :

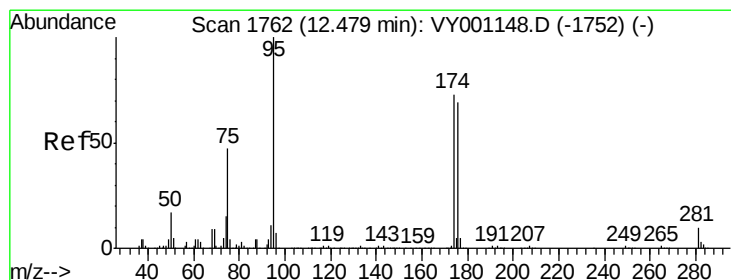
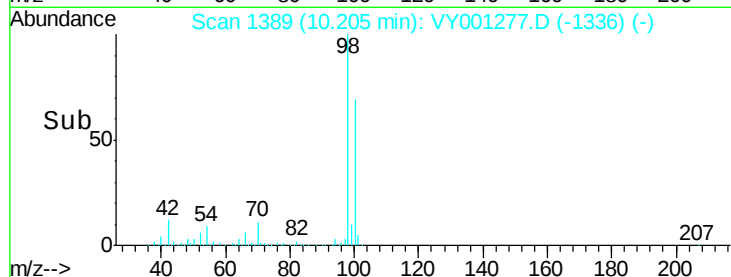
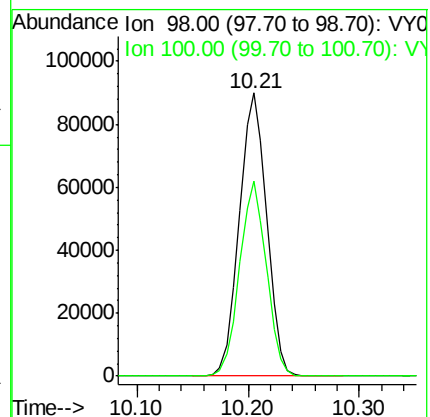
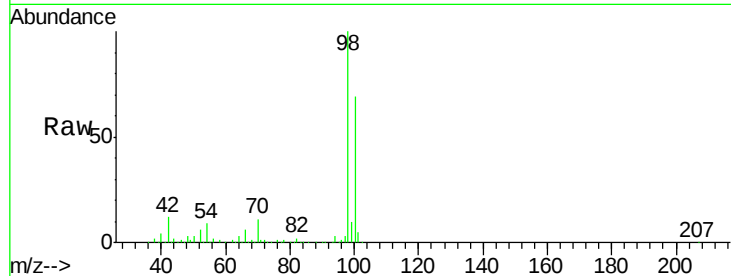
BW-1A-45.0

Tot Ion: 98 Resp: 153268

Ion Ratio Lower Upper

98 100

100 67.2 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 42.322 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.02 min

Lab File: VY001277.D

Acq: 17 Jan 2020 19:46

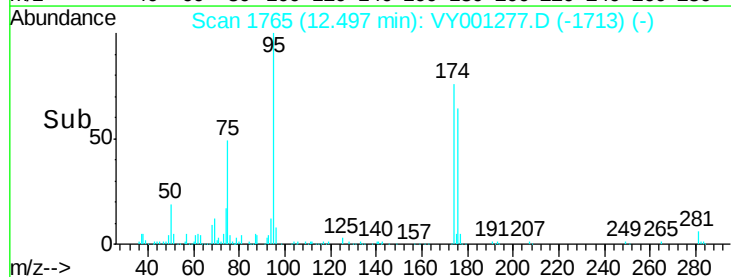
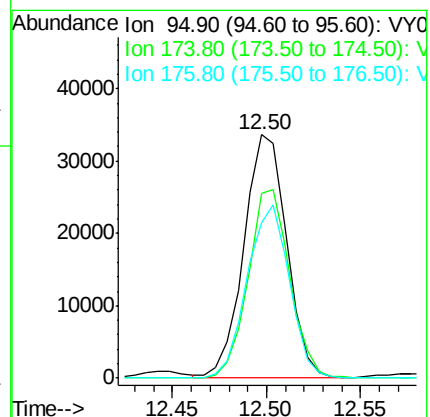
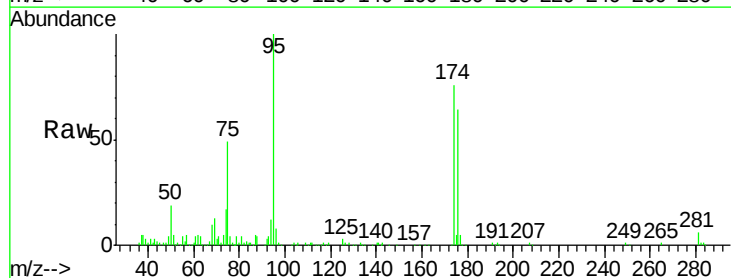
Tgt Ion: 95 Resp: 52629

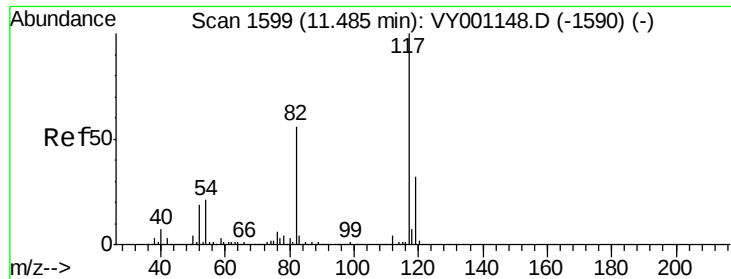
Ion Ratio Lower Upper

95 100

174 75.7 0.0 143.2

176 70.7 0.0 136.0

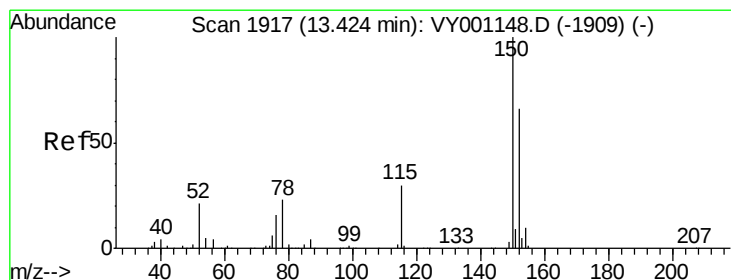
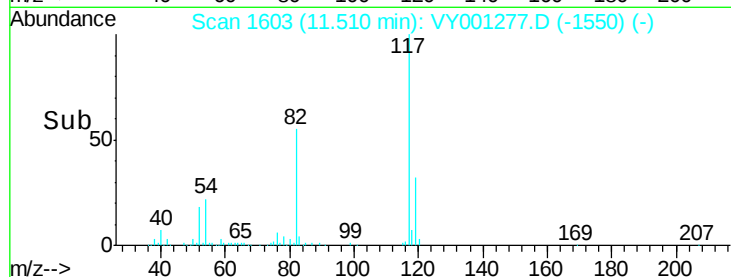
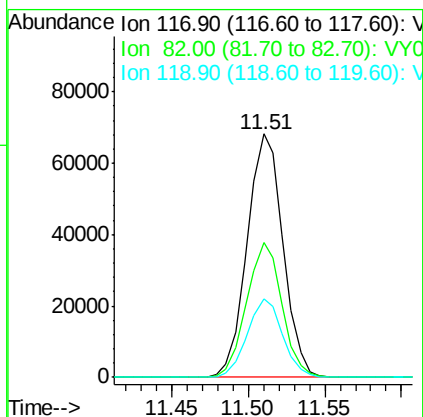
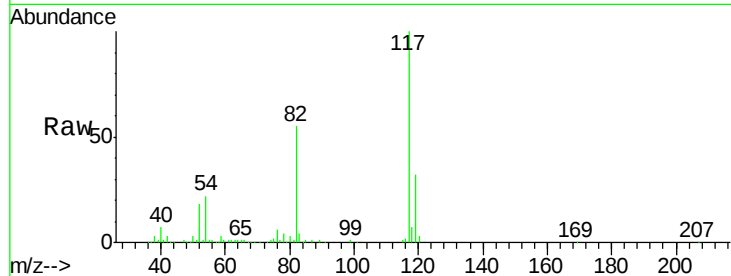




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. 0.02 min
Lab File: VY001277.D
Acq: 17 Jan 2020 19:46

Instrument :
MSVOA_Y
ClientSampleId :
BW-1A-45.0

Tot Ion:117 Resp: 110700
Ion Ratio Lower Upper
117 100
82 55.2 44.9 67.3
119 32.0 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1920
Delta R.T. 0.02 min
Lab File: VY001277.D
Acq: 17 Jan 2020 19:46

Tgt Ion:152 Resp: 49014
Ion Ratio Lower Upper
152 100
115 60.2 30.9 92.5
150 155.9 0.0 346.8

