

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011720\
 Data File : VY001276.D
 Acq On : 17 Jan 2020 19:24
 Operator : SY/MD
 Sample : L1171-01
 Misc : 6.47G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BW-1A-20.0

Quant Time: Jan 18 04:42:29 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	211547	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.72	114	391514	50.00	ug/l	0.03
63) Chlorobenzene-d5	11.51	117	358382	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.44	152	172669	50.00	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.18	65	128587	57.55	ug/l	0.03
Spiked Amount	50.000		Recovery	=	115.10%	
35) Dibromofluoromethane	7.75	113	116565	50.85	ug/l	0.03
Spiked Amount	50.000		Recovery	=	101.70%	
50) Toluene-d8	10.21	98	461591	52.26	ug/l	0.02
Spiked Amount	50.000		Recovery	=	104.52%	
62) 4-Bromofluorobenzene	12.50	95	181751	50.33	ug/l	0.02
Spiked Amount	50.000		Recovery	=	100.66%	

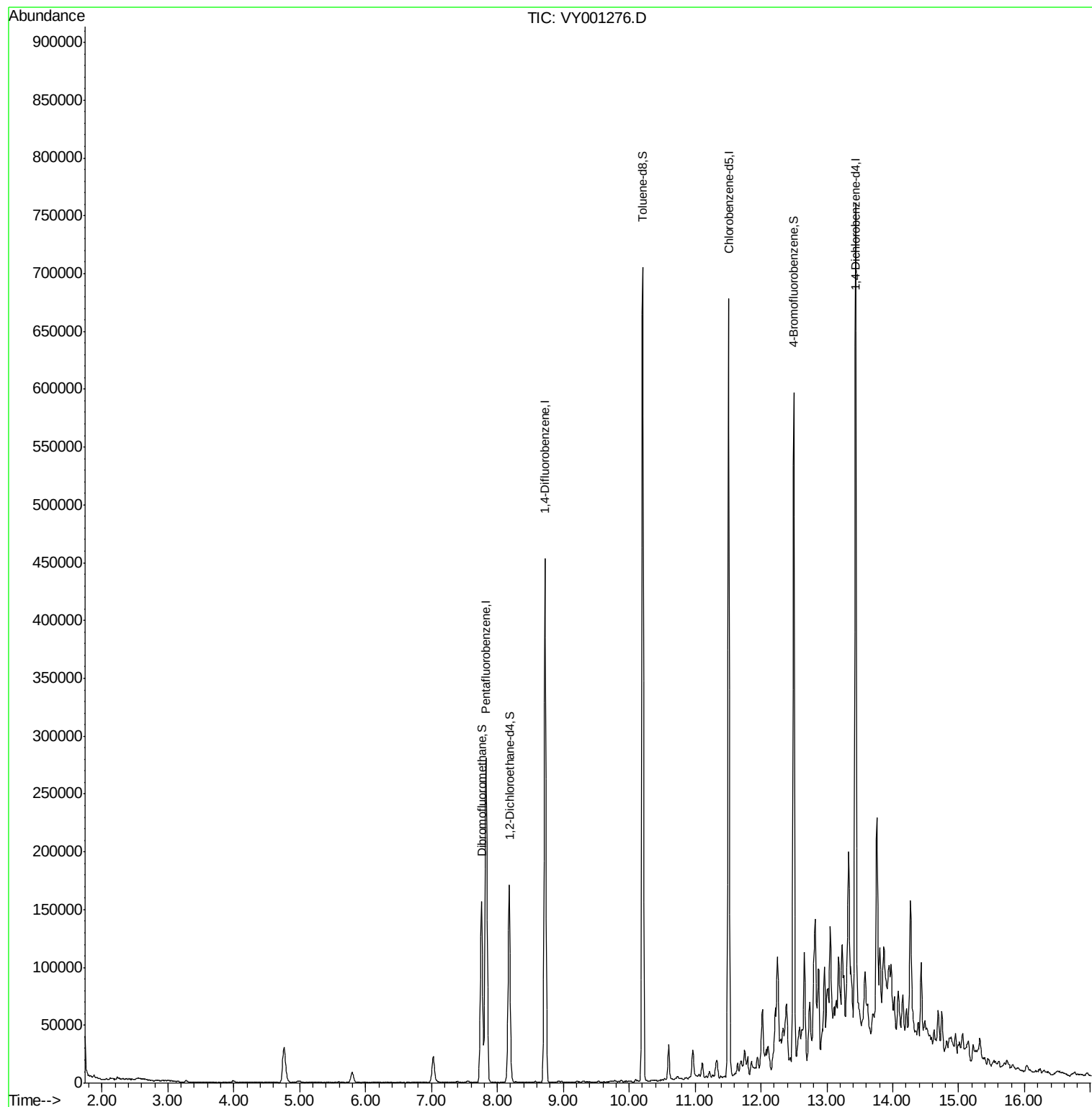
Target Compounds	Qvalue

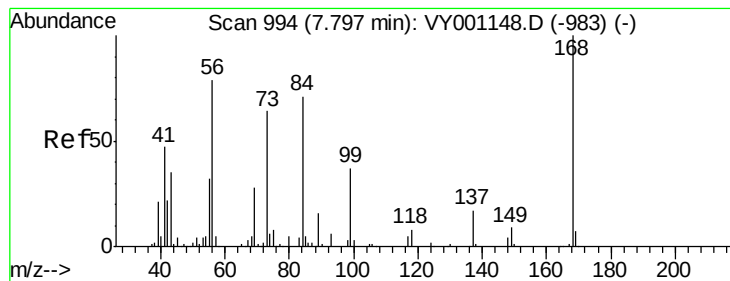
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY001276.D

Acq: 17 Jan 2020 19:24

Instrument :

MSVOA_Y

ClientSampled :

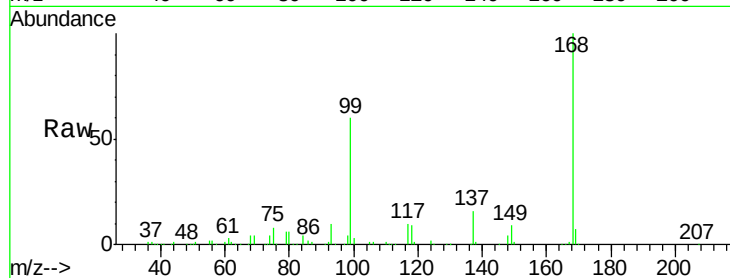
BW-1A-20.0

Tot Ion:168 Resp: 211547

Ion Ratio Lower Upper

168 100

99 60.4 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

100000

80000

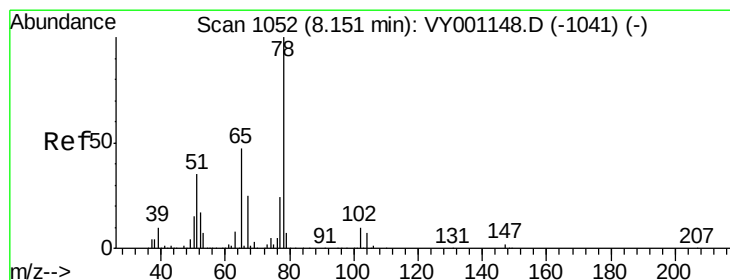
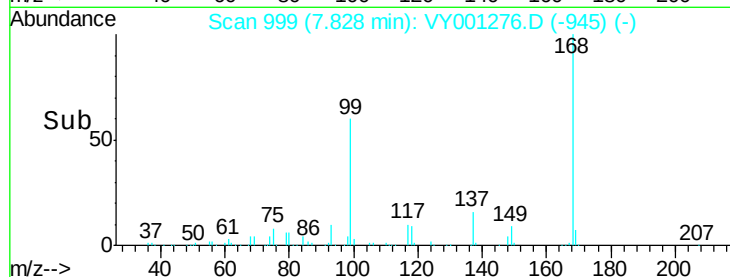
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 57.551 ug/l

RT: 8.18 min Scan# 1057

Delta R.T. 0.03 min

Lab File: VY001276.D

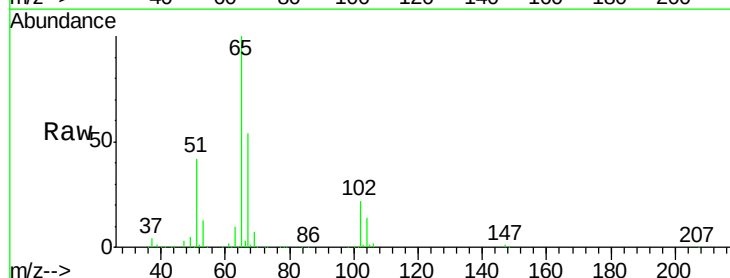
Acq: 17 Jan 2020 19:24

Tgt Ion: 65 Resp: 128587

Ion Ratio Lower Upper

65 100

67 54.0 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

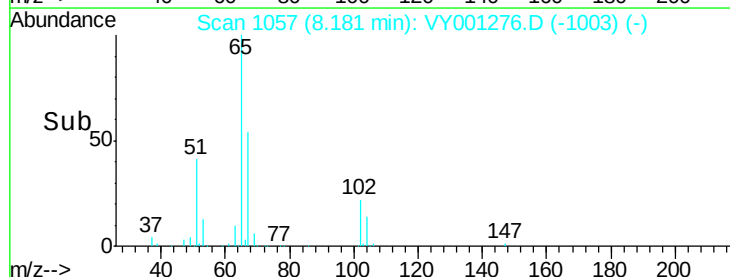
60000

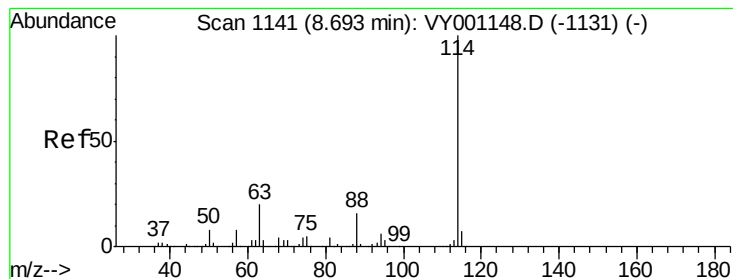
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.72 min Scan# 1146

Delta R.T. 0.03 min

Lab File: VY001276.D

Acq: 17 Jan 2020 19:24

Instrument :

MSVOA_Y

ClientSampleId :

BW-1A-20.0

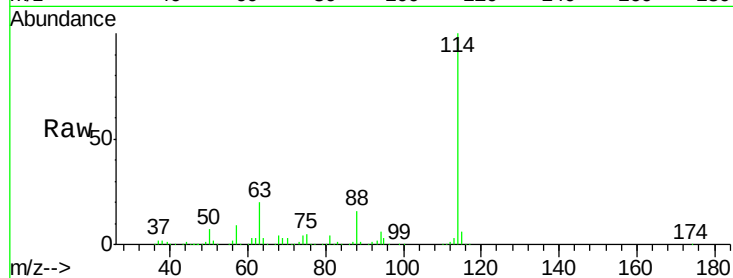
Tot Ion:114 Resp: 391514

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.8

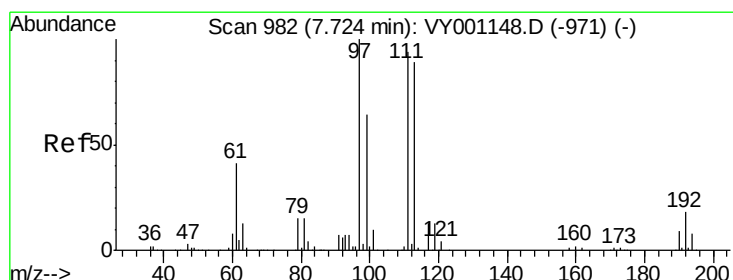
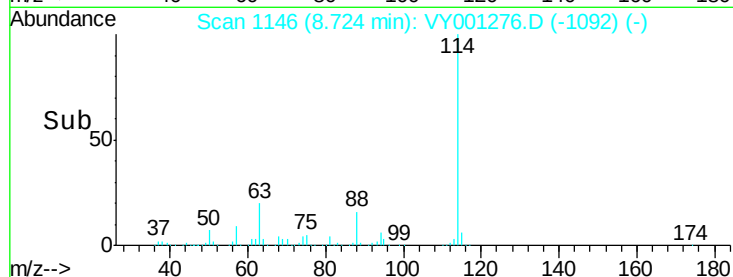
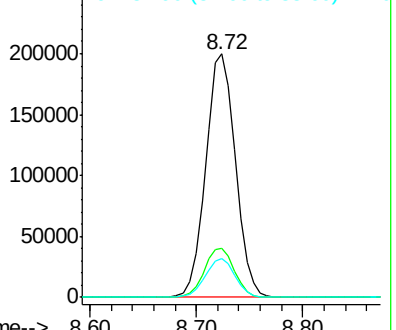
88 16.1 0.0 32.4



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: 50.850 ug/l

RT: 7.75 min Scan# 987

Delta R.T. 0.03 min

Lab File: VY001276.D

Acq: 17 Jan 2020 19:24

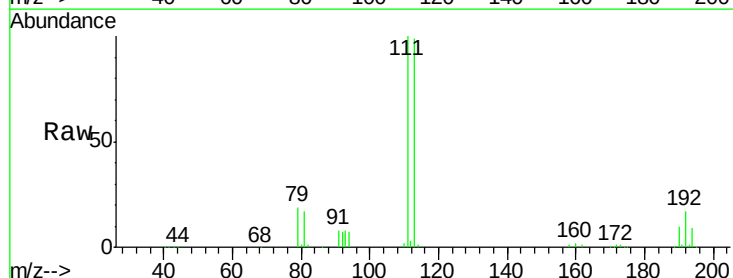
Tgt Ion:113 Resp: 116565

Ion Ratio Lower Upper

113 100

111 103.2 82.9 124.3

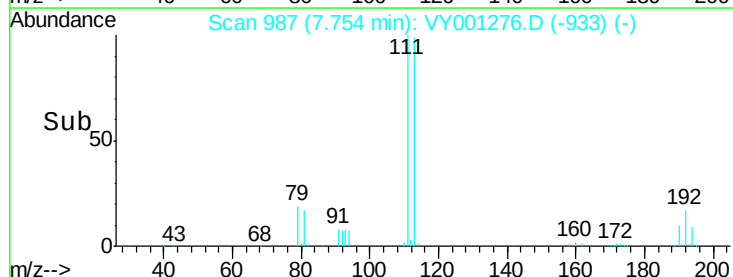
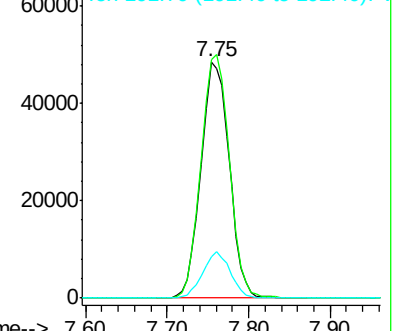
192 19.0 15.4 23.2

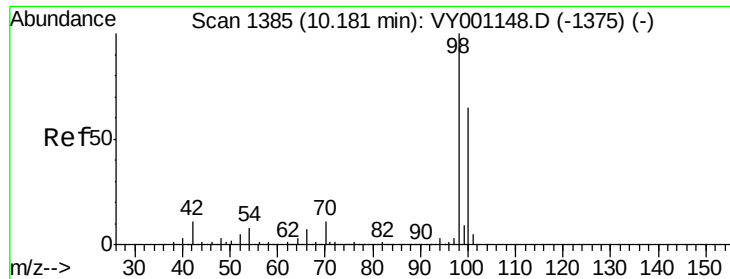


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.260 ug/l

RT: 10.21 min Scan# 1389

Delta R.T. 0.02 min

Lab File: VY001276.D

Acq: 17 Jan 2020 19:24

Instrument :

MSVOA_Y

ClientSampleId :

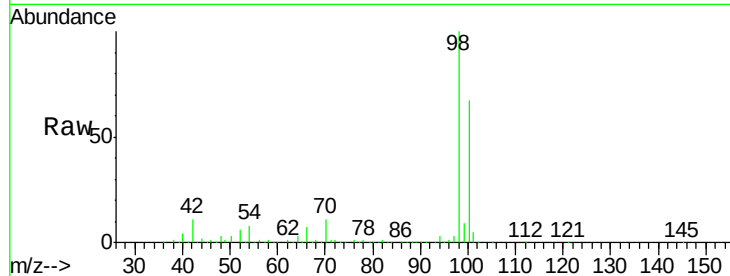
BW-1A-20.0

Tot Ion: 98 Resp: 461591

Ion Ratio Lower Upper

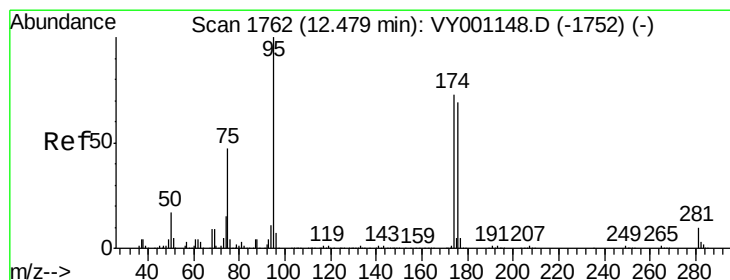
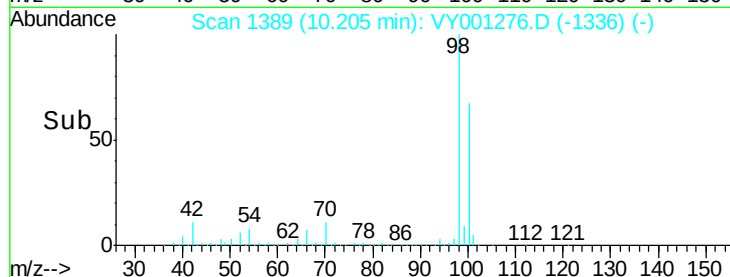
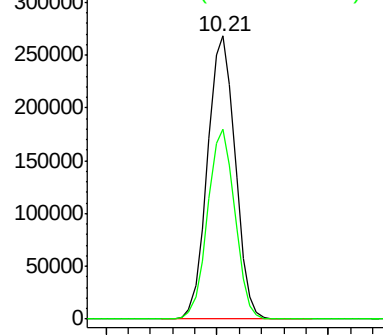
98 100

100 66.0 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



#62

4-Bromofluorobenzene

Concen: 50.332 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.02 min

Lab File: VY001276.D

Acq: 17 Jan 2020 19:24

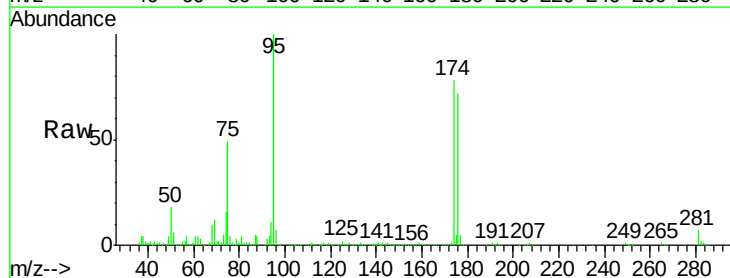
Tgt Ion: 95 Resp: 181751

Ion Ratio Lower Upper

95 100

174 74.4 0.0 143.2

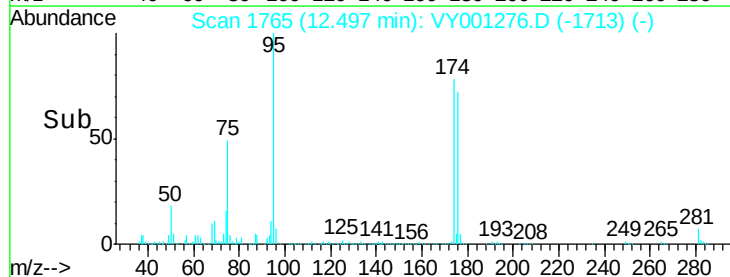
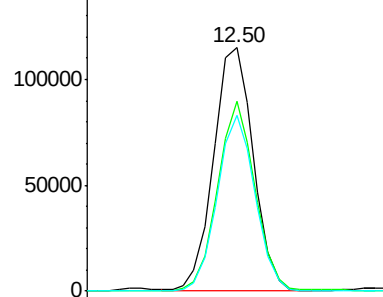
176 68.9 0.0 136.0

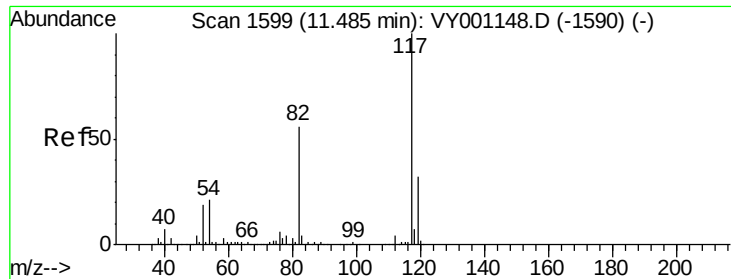


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

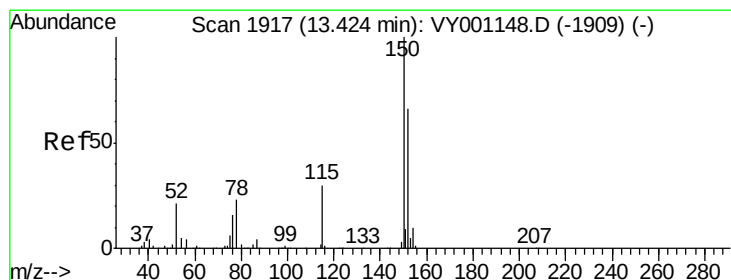
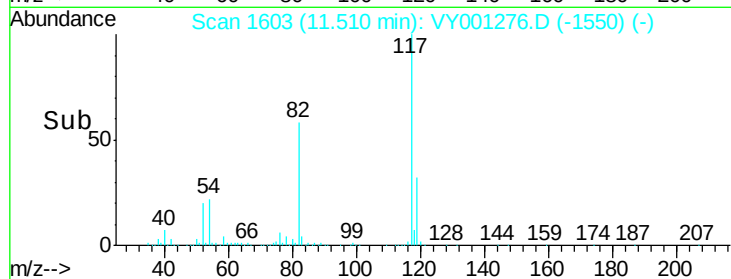
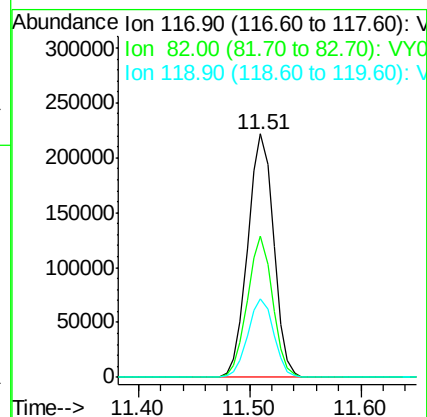
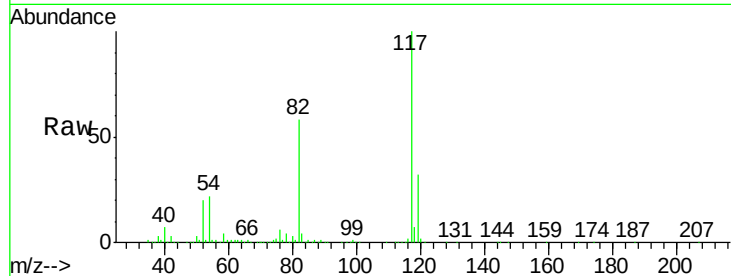




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. 0.02 min
Lab File: VY001276.D
Acq: 17 Jan 2020 19:24

Instrument :
MSVOA_Y
ClientSampleId :
BW-1A-20.0

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.9	44.9	67.3
119	32.4	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: VY001276.D
Acq: 17 Jan 2020 19:24

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.7	30.9	92.5
150	158.0	0.0	346.8

