

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030620\
 Data File : VY001897.D
 Acq On : 06 Mar 2020 13:25
 Operator : SY/MD
 Sample : L1364-03
 Misc : 7.22G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1

Quant Time: Mar 06 23:36:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	137966	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	267244	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	240969	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	100954	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	87700	59.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.08%	
35) Dibromofluoromethane	7.75	113	78416	53.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.48%	
50) Toluene-d8	10.20	98	325213	52.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.70%	
62) 4-Bromofluorobenzene	12.49	95	106706	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	

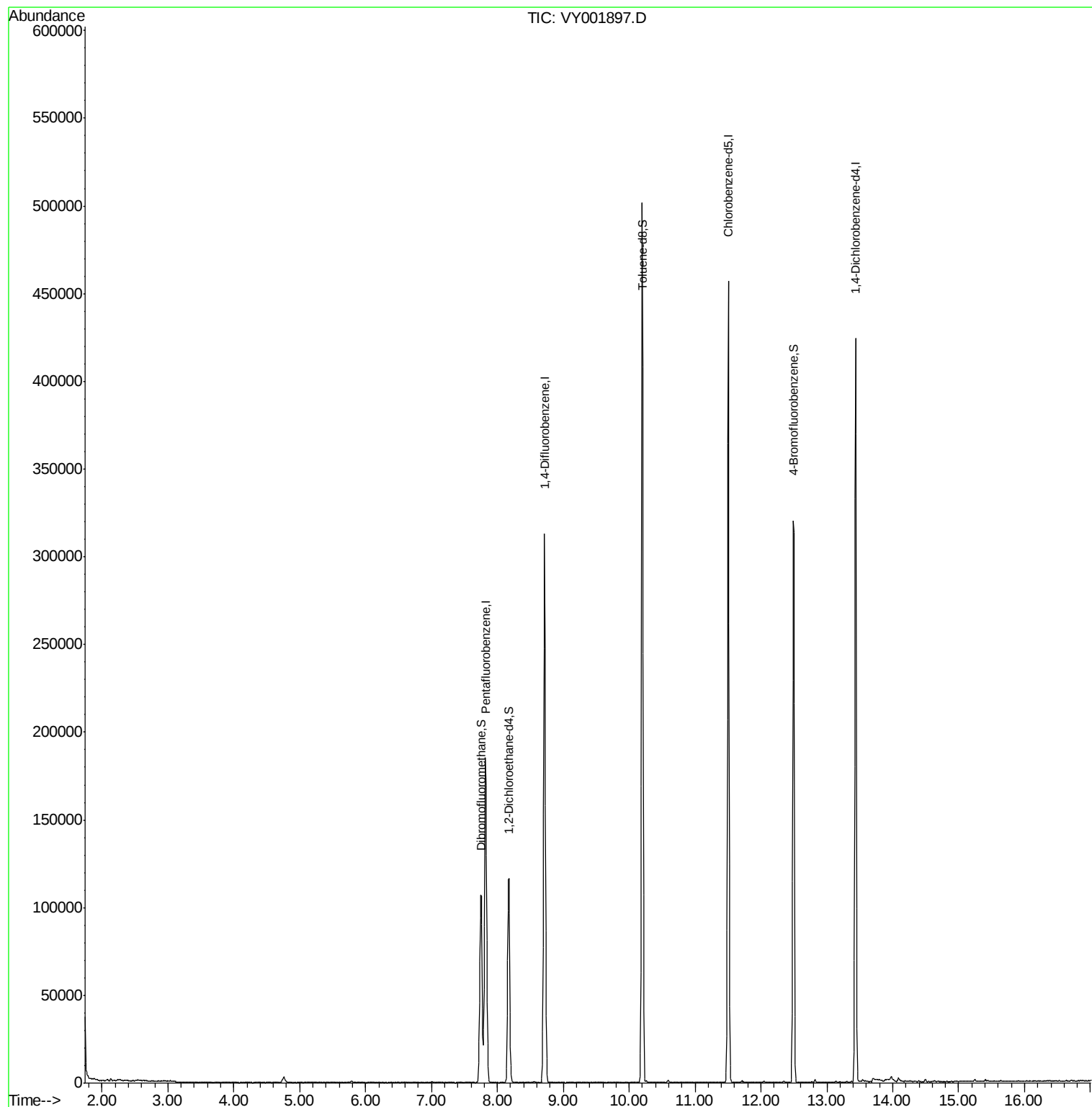
Target Compounds	Qvalue

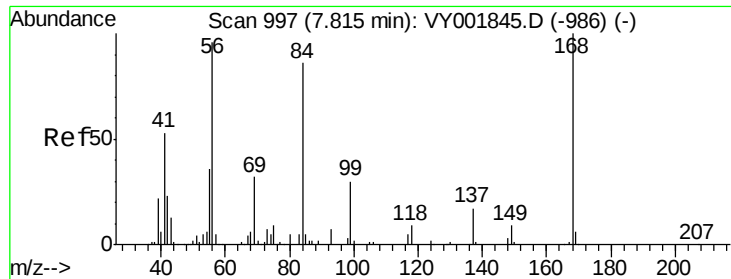
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001897.D

Acq: 06 Mar 2020 13:25

Instrument :

MSVOA_Y

ClientSampleId :

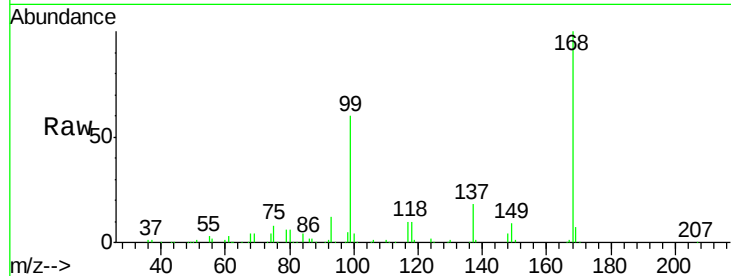
TP-1

Tot Ion:168 Resp: 137966

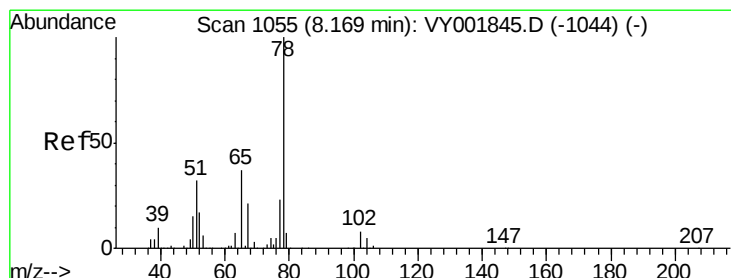
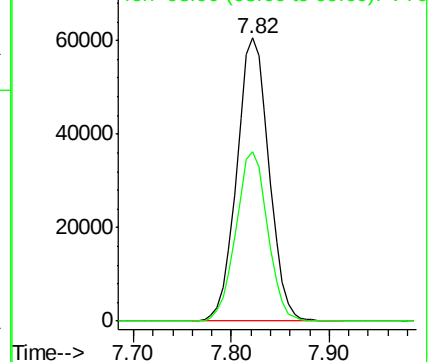
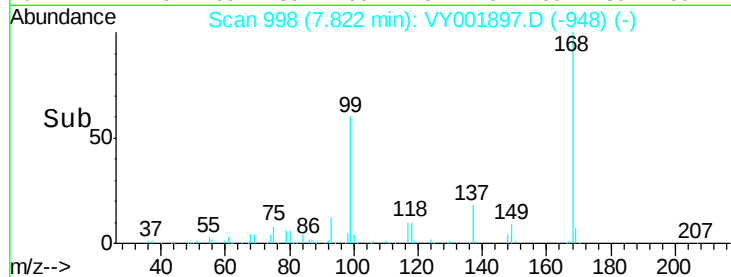
Ion Ratio Lower Upper

168 100

99 59.8 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001897.D (-948) (-)



#33

1,2-Dichloroethane-d4

Concen: 59.543 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.00 min

Lab File: VY001897.D

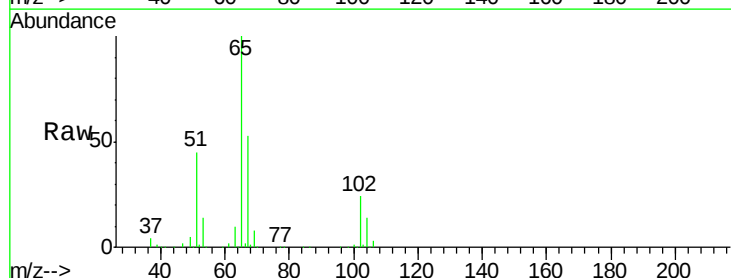
Acq: 06 Mar 2020 13:25

Tgt Ion: 65 Resp: 87700

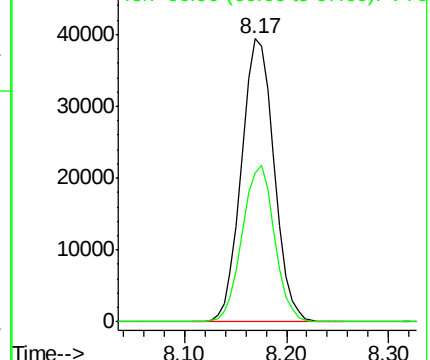
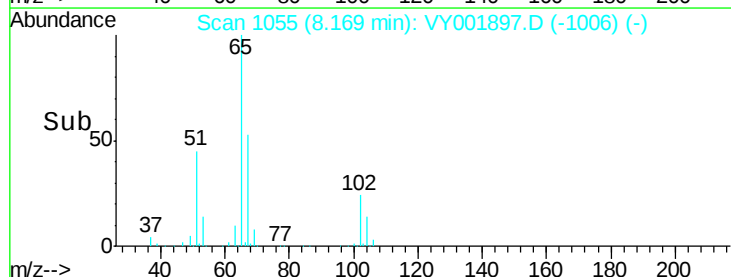
Ion Ratio Lower Upper

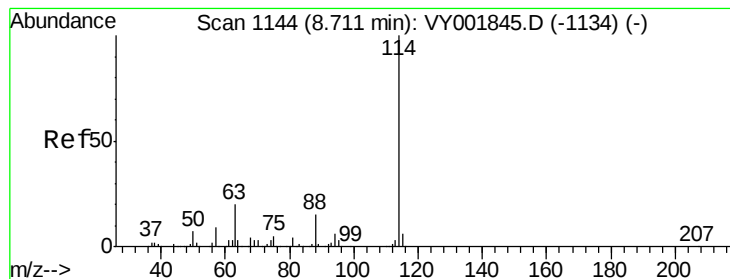
65 100

67 54.6 0.0 110.8



Abundance Ion 64.90 (64.60 to 65.60): VY001897.D (-1006) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.72 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VY001897.D

Acq: 06 Mar 2020 13:25

Instrument :

MSVOA_Y

ClientSampleId :

TP-1

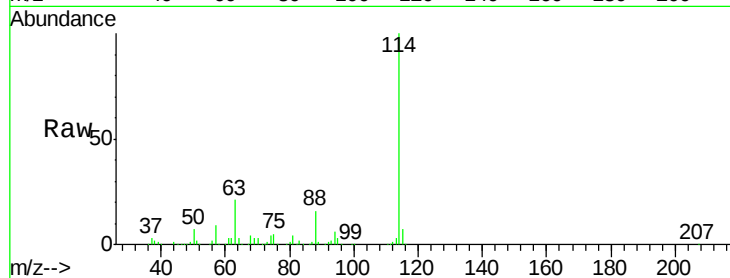
Tot Ion:114 Resp: 267244

Ion Ratio Lower Upper

114 100

63 20.9 0.0 39.4

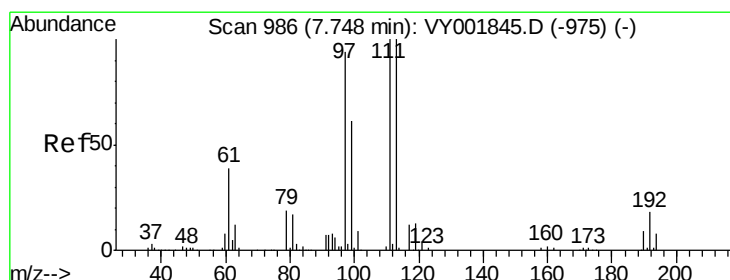
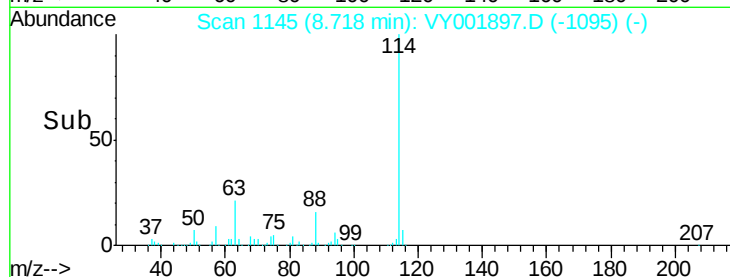
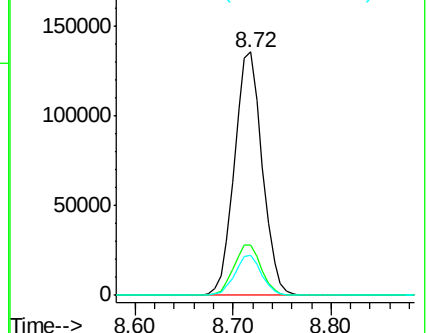
88 16.4 0.0 30.4



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: 53.736 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.00 min

Lab File: VY001897.D

Acq: 06 Mar 2020 13:25

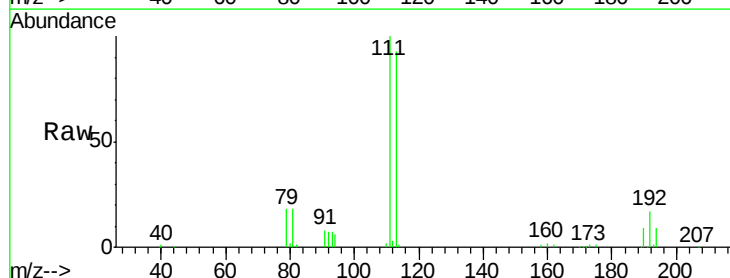
Tgt Ion:113 Resp: 78416

Ion Ratio Lower Upper

113 100

111 104.3 81.8 122.8

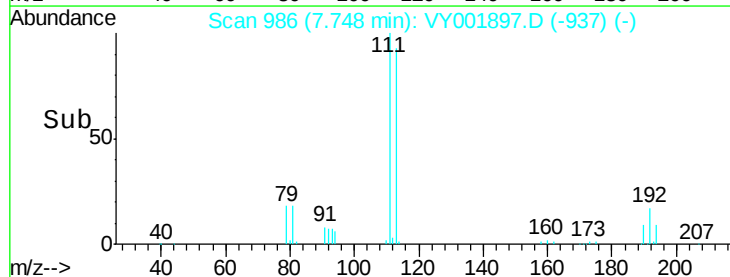
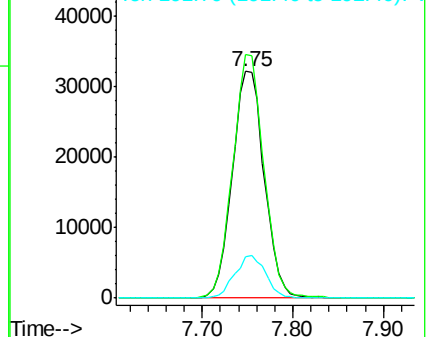
192 18.2 14.2 21.2

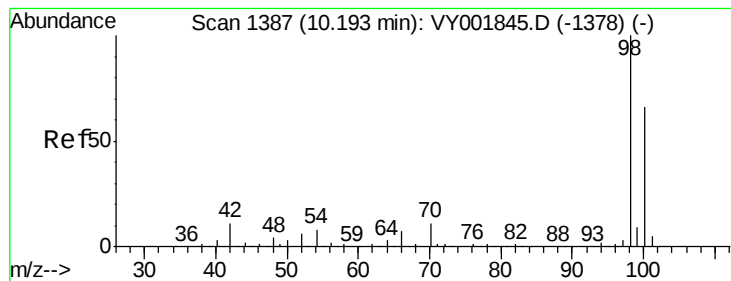


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.850 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001897.D

Acq: 06 Mar 2020 13:25

Instrument :

MSVOA_Y

ClientSampled :

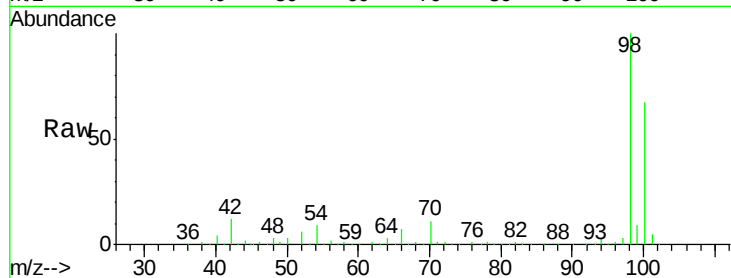
TP-1

Tot Ion: 98 Resp: 325213

Ion Ratio Lower Upper

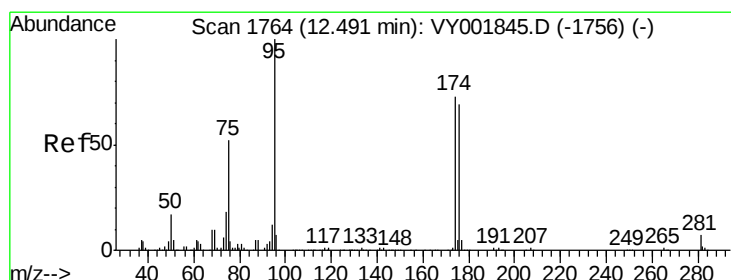
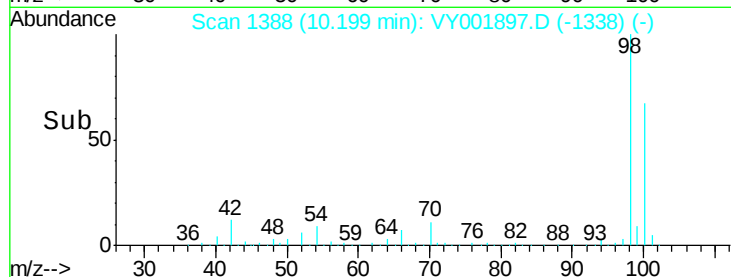
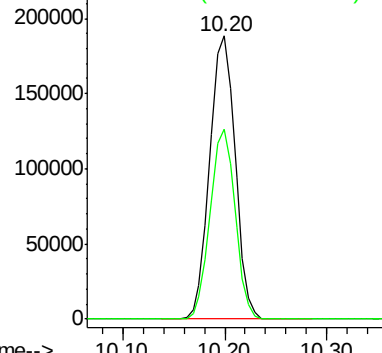
98 100

100 65.8 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



#62

4-Bromofluorobenzene

Concen: 49.871 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY001897.D

Acq: 06 Mar 2020 13:25

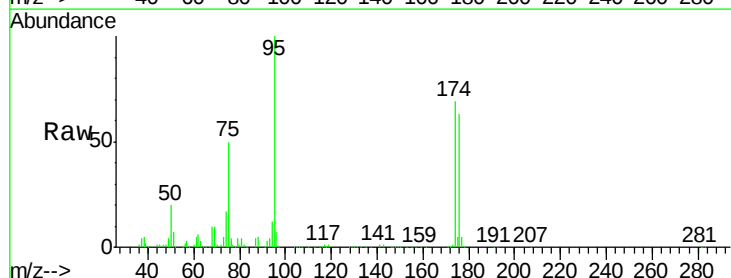
Tgt Ion: 95 Resp: 106706

Ion Ratio Lower Upper

95 100

174 73.3 0.0 145.0

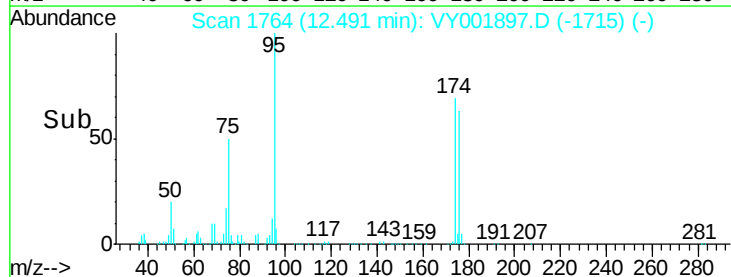
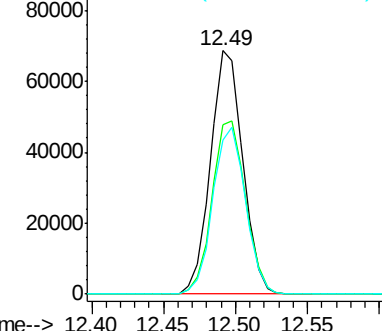
176 69.1 0.0 137.4

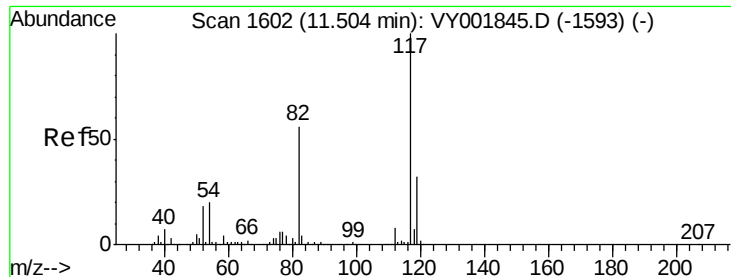


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

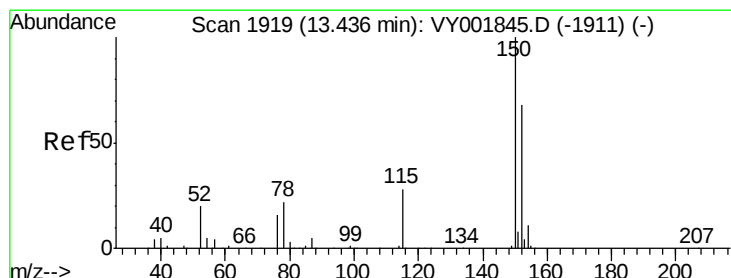
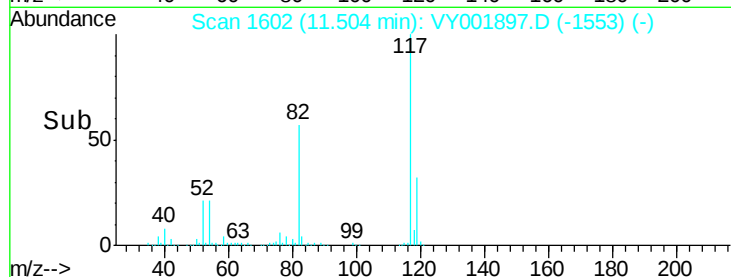
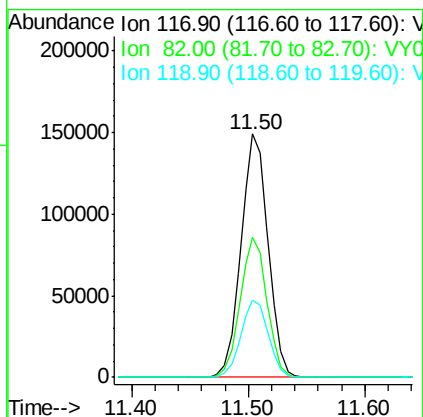
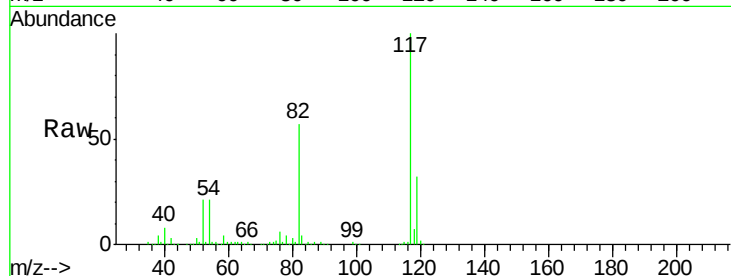




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001897.D
Acq: 06 Mar 2020 13:25

Instrument :
MSVOA_Y
ClientSampleId :
TP-1

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.5	44.5	66.7
119	31.7	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VY001897.D
Acq: 06 Mar 2020 13:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.4	29.9	89.7
150	157.7	0.0	340.6

