

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040220\
 Data File : VY002197.D
 Acq On : 02 Apr 2020 17:06
 Operator : SY/MD
 Sample : L2129-36RE
 Misc : 6.62G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-6RE

Quant Time: Apr 03 04:39:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	120761	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	232558	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	181179	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	52959	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	75811	56.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.58%	
35) Dibromofluoromethane	7.74	113	70596	54.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.36%	
50) Toluene-d8	10.19	98	278834	51.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.02%	
62) 4-Bromofluorobenzene	12.49	95	69210	36.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.12%	

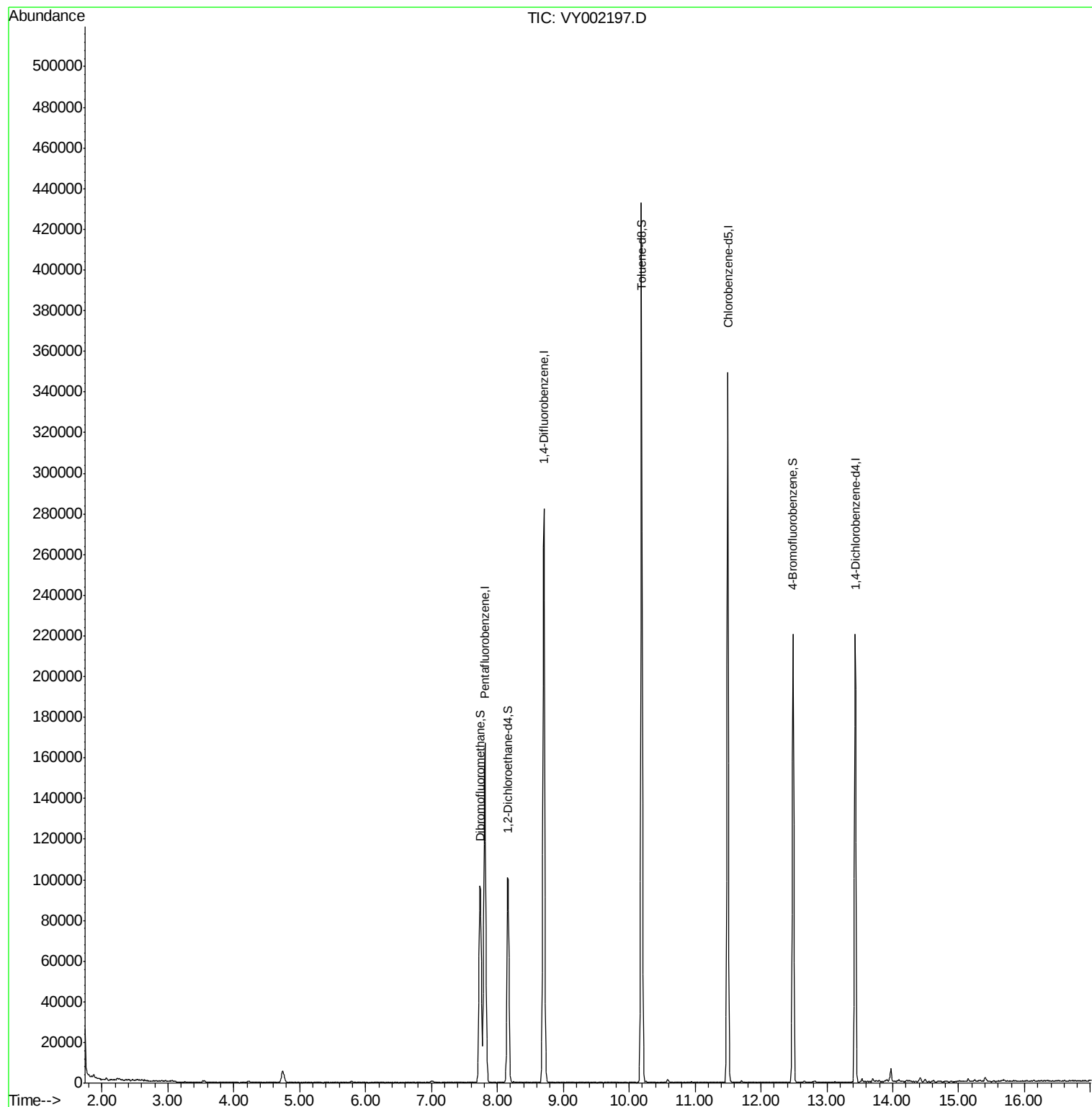
Target Compounds	Qvalue
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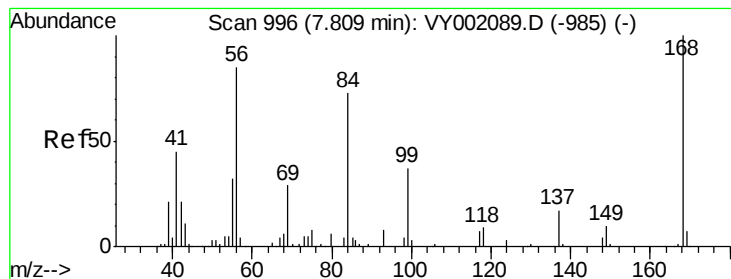
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY002197.D

Acq: 02 Apr 2020 17:06

Instrument :

MSVOA_Y

ClientSampleId :

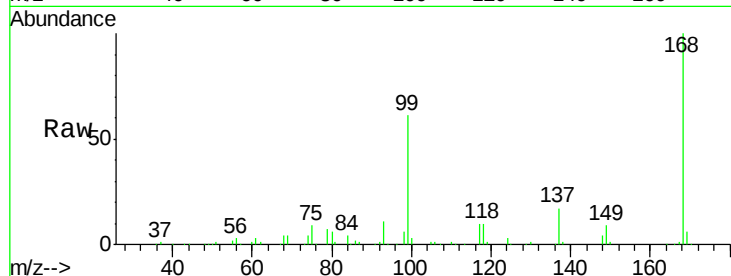
TP-6RE

Tot Ion:168 Resp: 120761

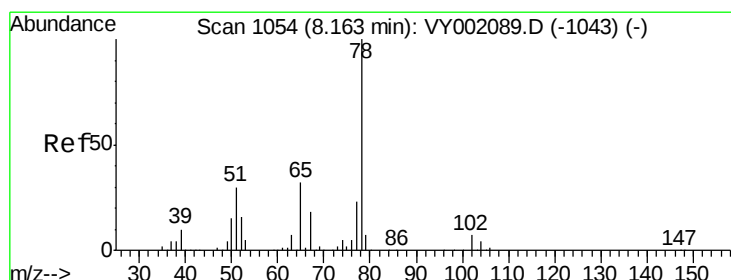
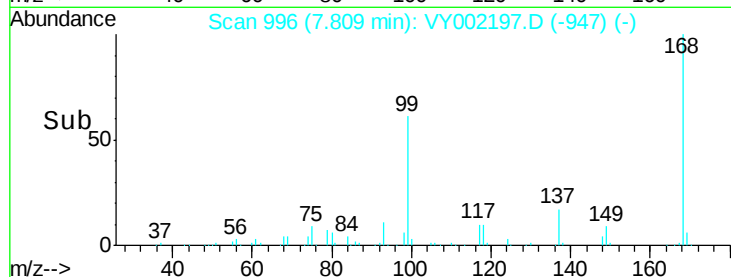
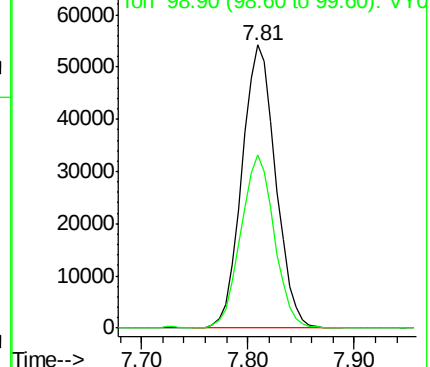
Ion Ratio Lower Upper

168 100

99 61.1 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002197.D (-947) (-)



#33

1,2-Dichloroethane-d4

Concen: 56.788 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY002197.D

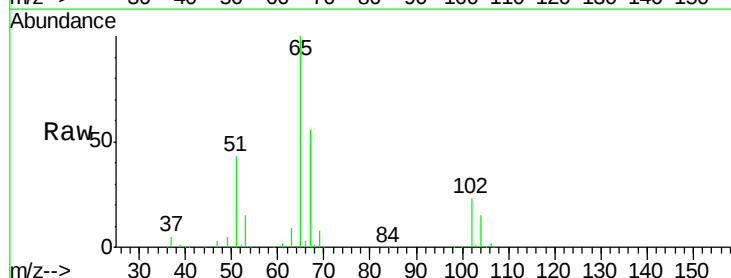
Acq: 02 Apr 2020 17:06

Tgt Ion: 65 Resp: 75811

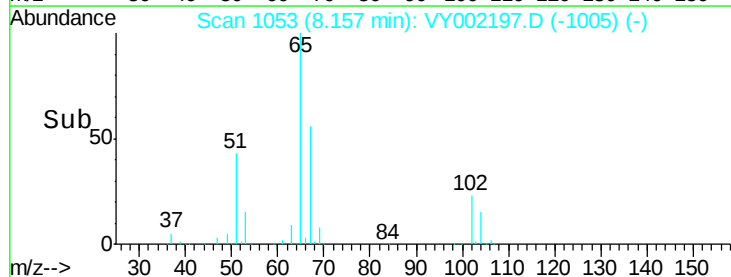
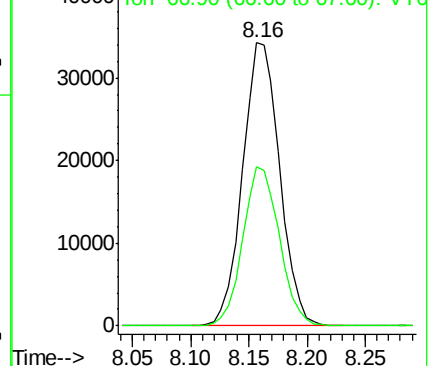
Ion Ratio Lower Upper

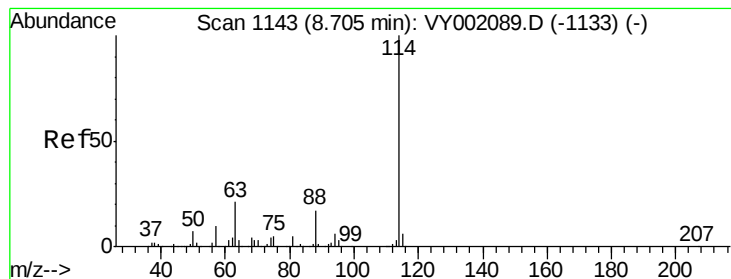
65 100

67 55.3 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY002197.D (-1005) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. 0.00 min

Lab File: VY002197.D

Acq: 02 Apr 2020 17:06

Instrument :

MSVOA_Y

ClientSampleId :

TP-6RE

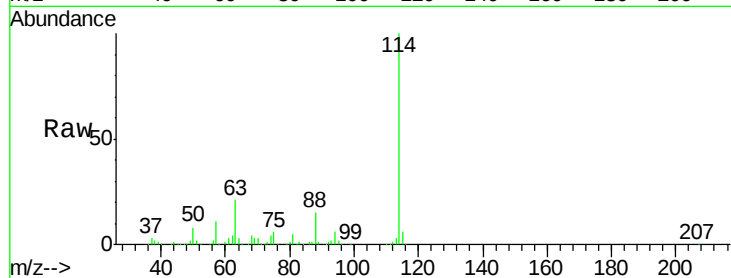
Tot Ion:114 Resp: 232558

Ion Ratio Lower Upper

114 100

63 21.0 0.0 41.4

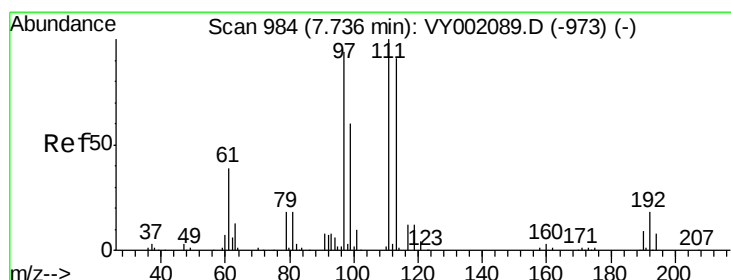
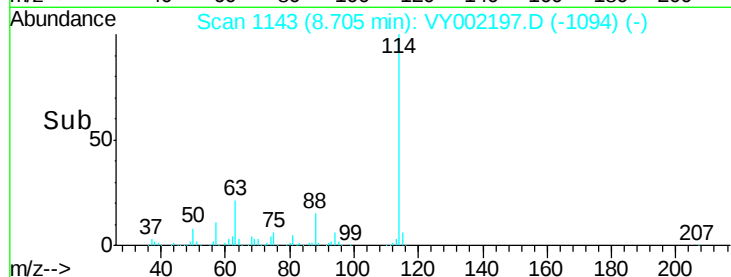
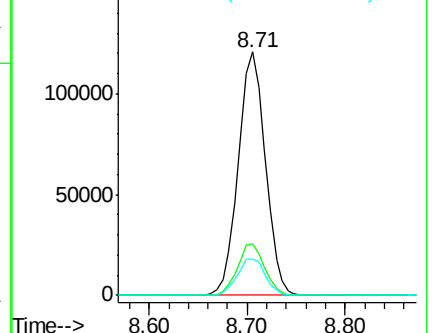
88 14.9 0.0 33.0



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: 54.177 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.00 min

Lab File: VY002197.D

Acq: 02 Apr 2020 17:06

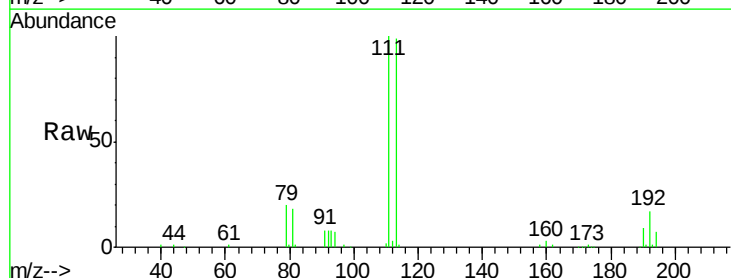
Tgt Ion:113 Resp: 70596

Ion Ratio Lower Upper

113 100

111 101.5 84.4 126.6

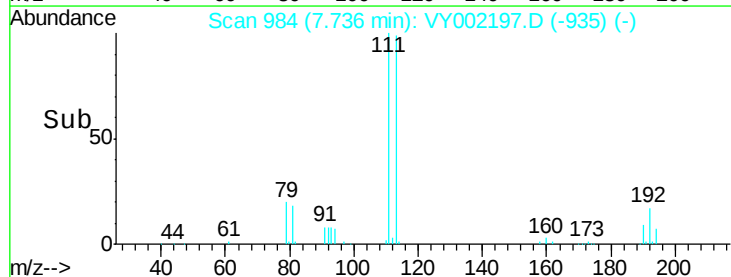
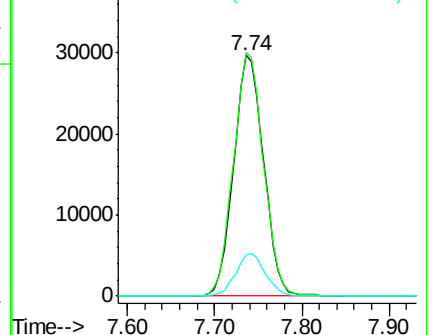
192 17.6 14.6 21.8

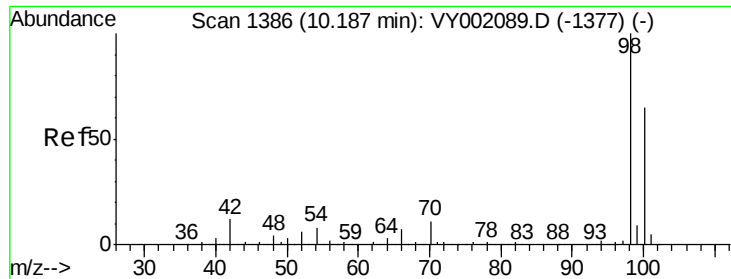


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.510 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY002197.D

Acq: 02 Apr 2020 17:06

Instrument :

MSVOA_Y

ClientSampleId :

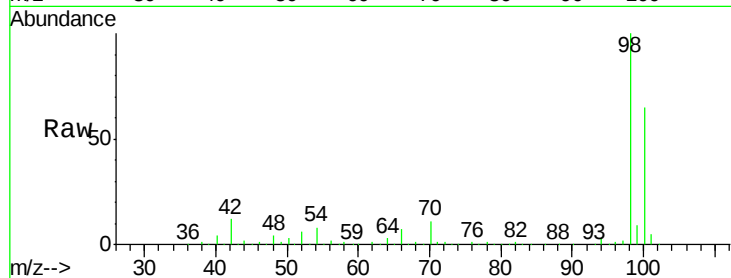
TP-6RE

Tot Ion: 98 Resp: 278834

Ion Ratio Lower Upper

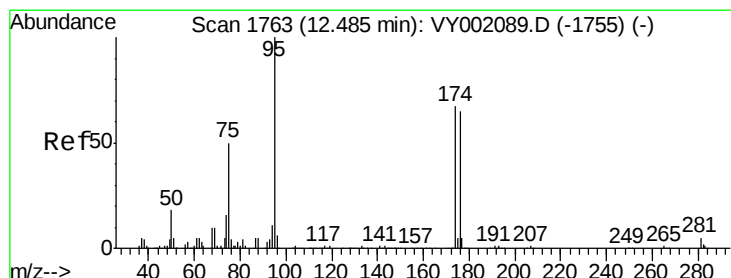
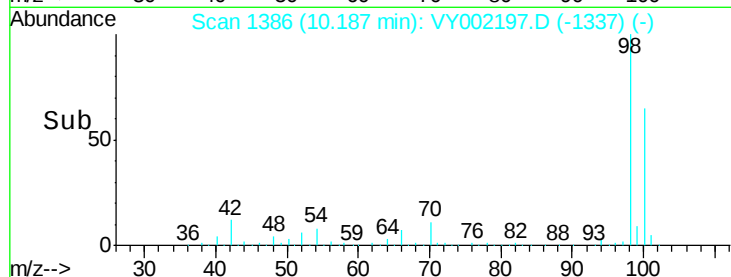
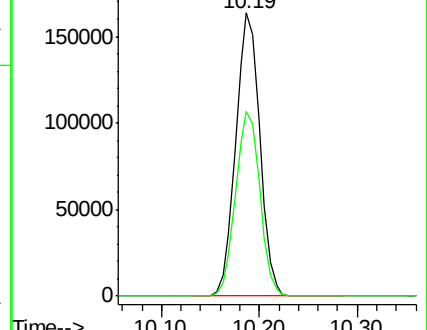
98 100

100 66.0 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY002089.D (-1377) (-)

Ion 100.00 (99.70 to 100.70): VY002197.D (-1337) (-)



#62

4-Bromofluorobenzene

Concen: 36.557 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VY002197.D

Acq: 02 Apr 2020 17:06

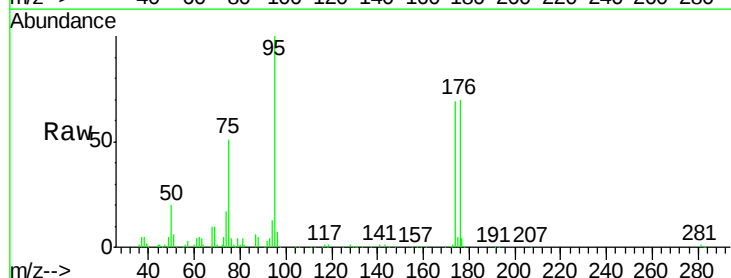
Tgt Ion: 95 Resp: 69210

Ion Ratio Lower Upper

95 100

174 71.1 0.0 143.4

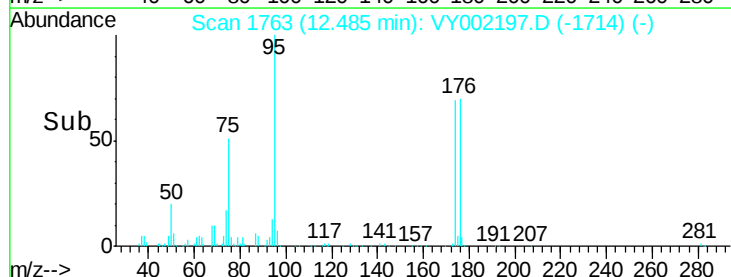
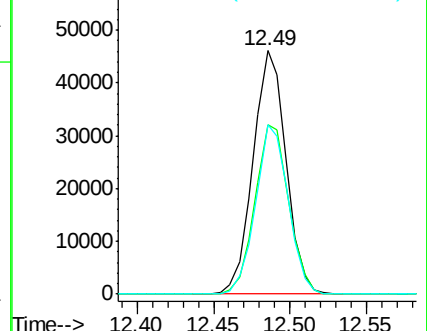
176 68.7 0.0 137.0

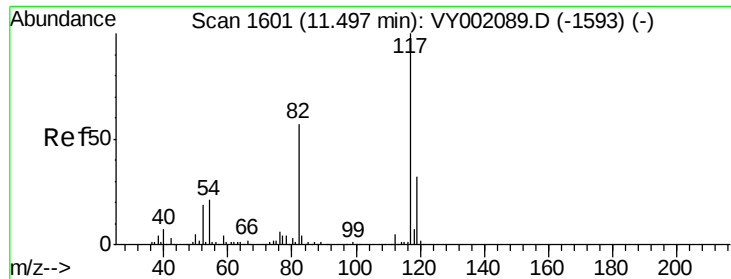


Abundance Ion 94.90 (94.60 to 95.60): VY002089.D (-1755) (-)

Ion 173.80 (173.50 to 174.50): VY002089.D (-1755) (-)

Ion 175.80 (175.50 to 176.50): VY002197.D (-1714) (-)

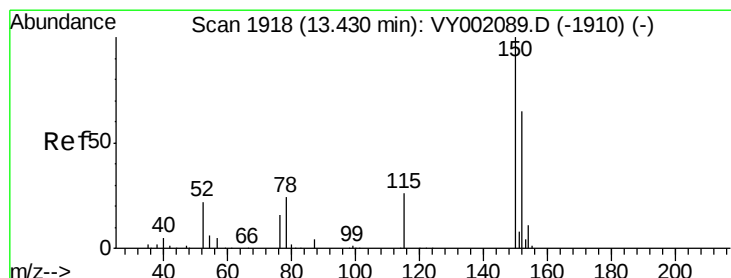
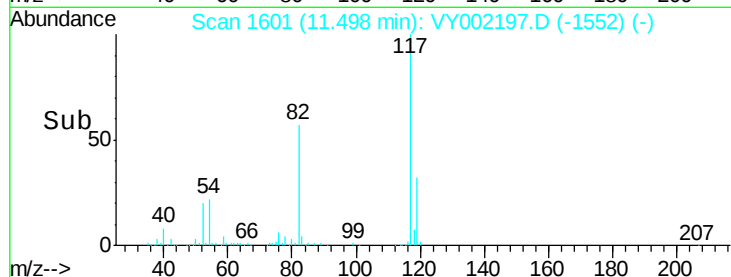
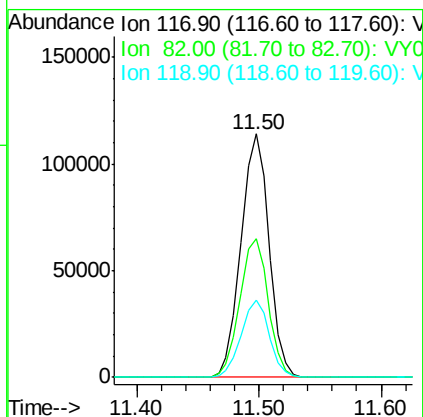
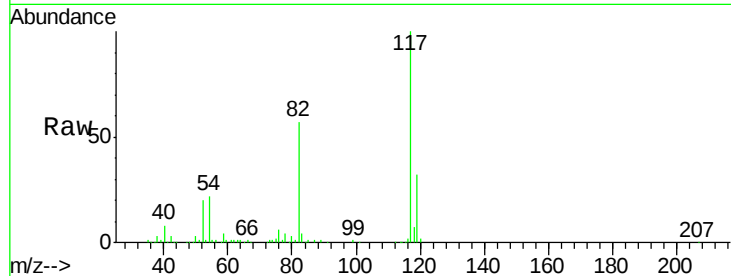




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002197.D
Acq: 02 Apr 2020 17:06

Instrument :
MSVOA_Y
ClientSampleId :
TP-6RE

Tot Ion:117 Resp: 181179
Ion Ratio Lower Upper
117 100
82 57.1 45.4 68.2
119 31.6 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VY002197.D
Acq: 02 Apr 2020 17:06

Tgt Ion:152 Resp: 52959
Ion Ratio Lower Upper
152 100
115 59.9 31.2 93.6
150 157.3 0.0 354.8

