

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120619\
 Data File : VY000901.D
 Acq On : 06 Dec 2019 15:02
 Operator : SY/MD
 Sample : K6187-10
 Misc : 5.43G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RPC-PT-01

Quant Time: Dec 09 04:01:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	247450	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	471751	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	418801	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	177239	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	150969	57.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.84%	
35) Dibromofluoromethane	7.72	113	136564	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	
50) Toluene-d8	10.18	98	557439	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
62) 4-Bromofluorobenzene	12.48	95	184325	44.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.30%	

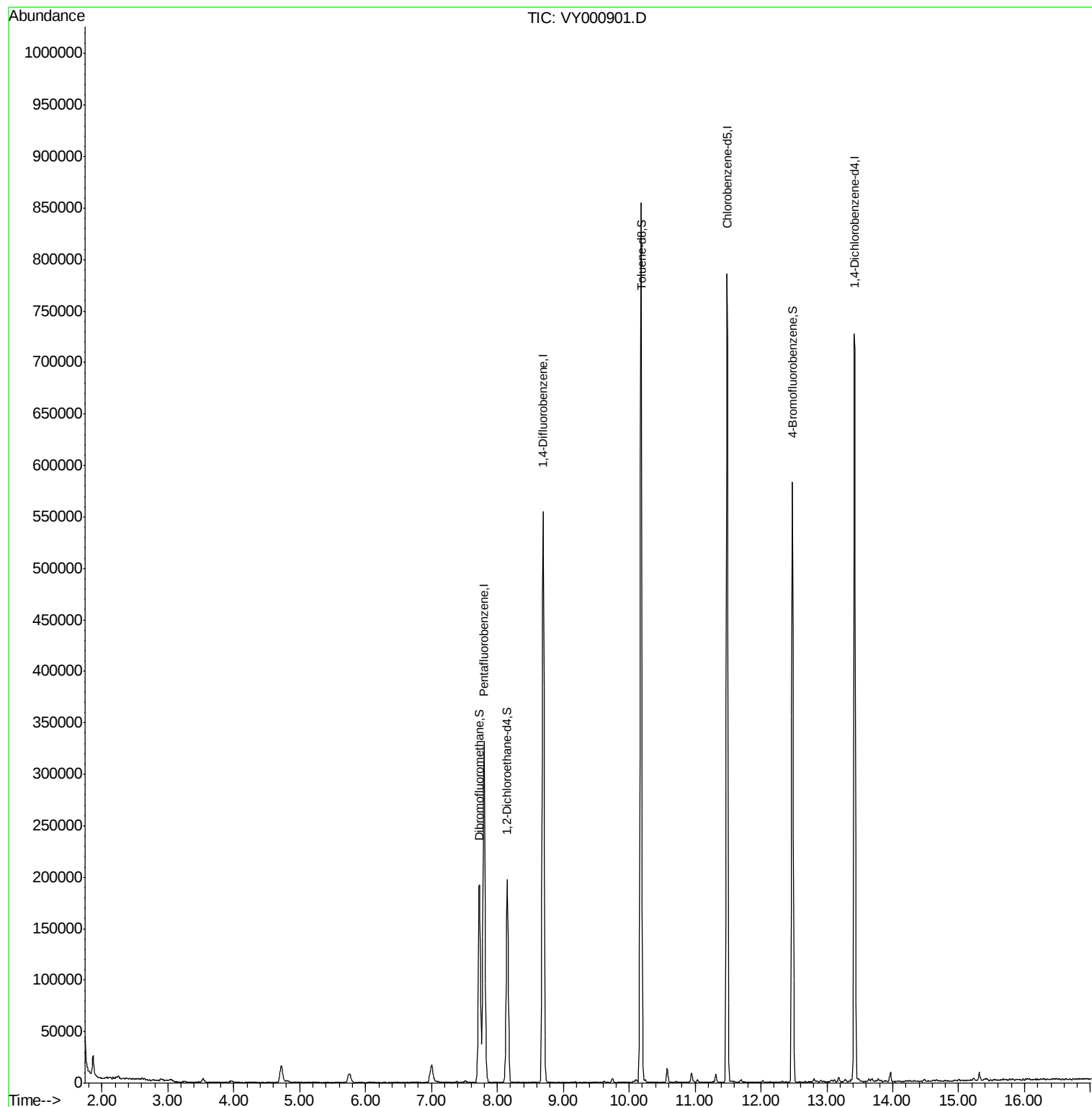
Target Compounds	Qvalue

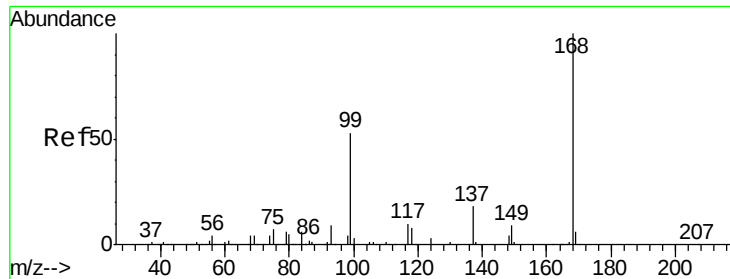
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000901.D

Acq: 06 Dec 2019 15:02

Instrument :

MSVOA_Y

ClientSampleId :

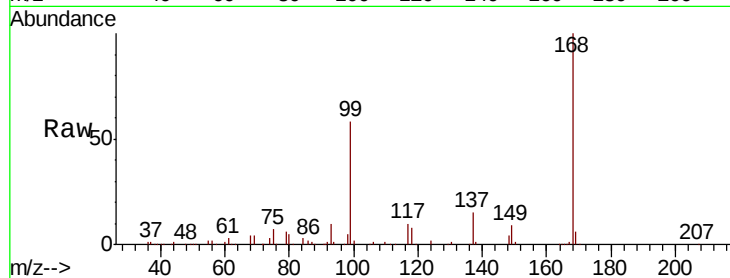
RPC-PT-01

Tot Ion:168 Resp: 247450

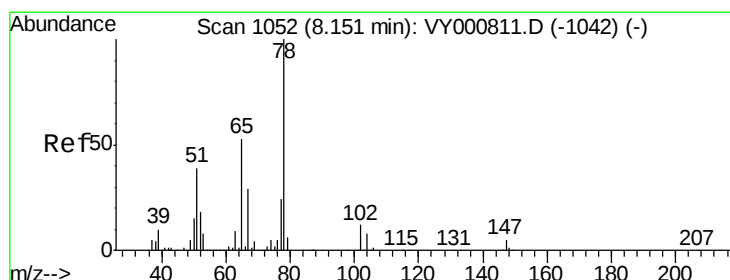
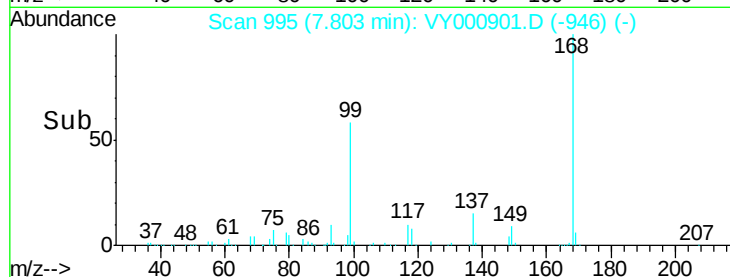
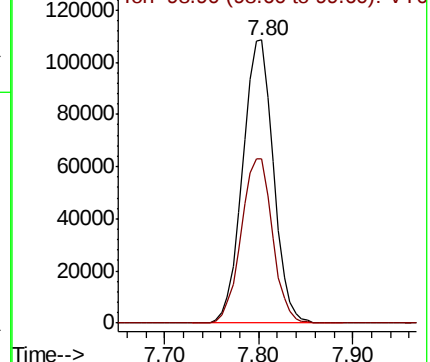
Ion Ratio Lower Upper

168 100

99 57.9 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000901.D (-946) (-)



#33

1,2-Dichloroethane-d4

Concen: 57.417 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000901.D

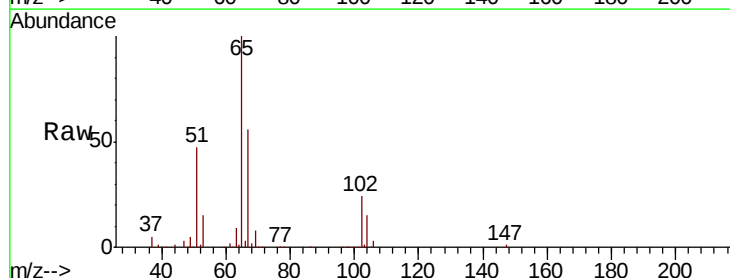
Acq: 06 Dec 2019 15:02

Tgt Ion: 65 Resp: 150969

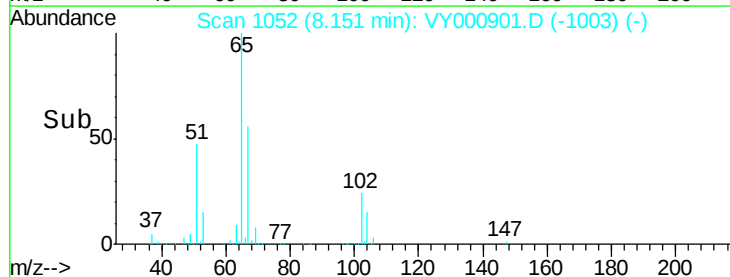
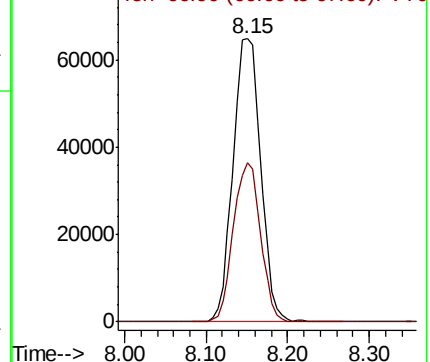
Ion Ratio Lower Upper

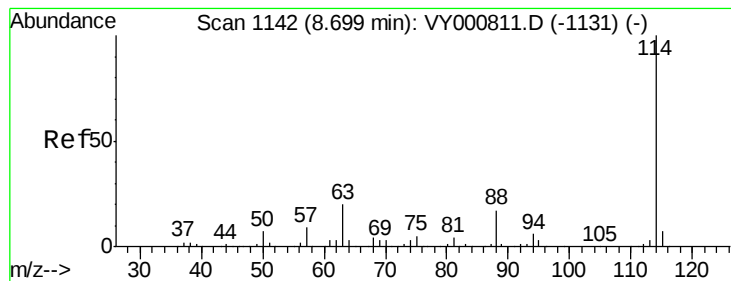
65 100

67 55.2 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VY000901.D (-1003) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY000901.D

Acq: 06 Dec 2019 15:02

Instrument :

MSVOA_Y

ClientSampleId :

RPC-PT-01

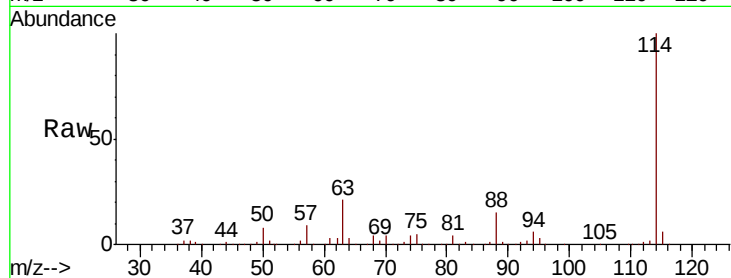
Tot Ion:114 Resp: 471751

Ion Ratio Lower Upper

114 100

63 21.0 0.0 39.8

88 14.6 0.0 33.2



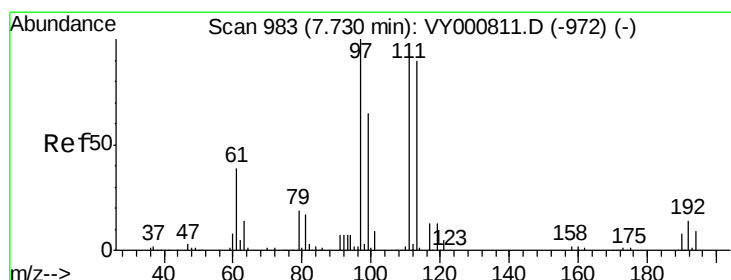
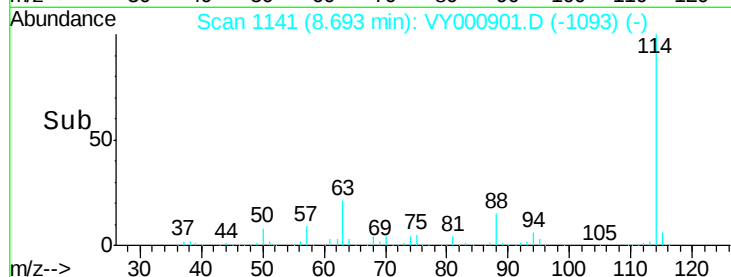
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0

8.69

Time-->



#35

Dibromofluoromethane

Concen: 49.671 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY000901.D

Acq: 06 Dec 2019 15:02

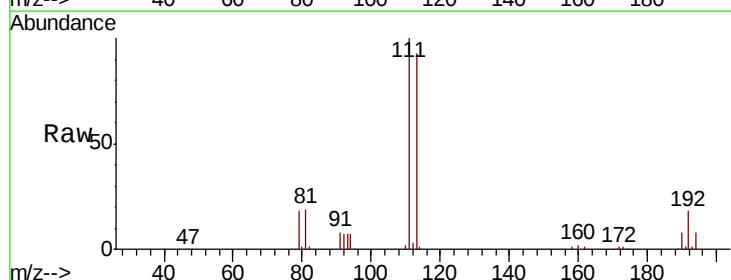
Tgt Ion:113 Resp: 136564

Ion Ratio Lower Upper

113 100

111 103.8 82.4 123.6

192 18.7 14.2 21.2



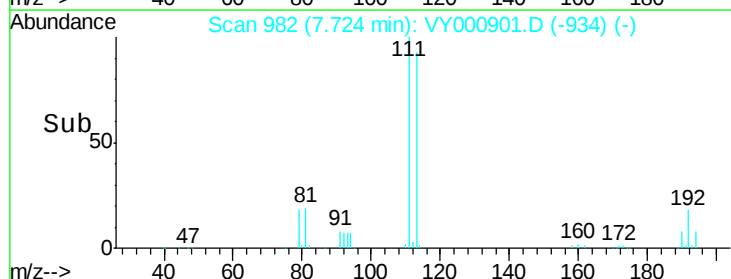
Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

7.72

Time-->

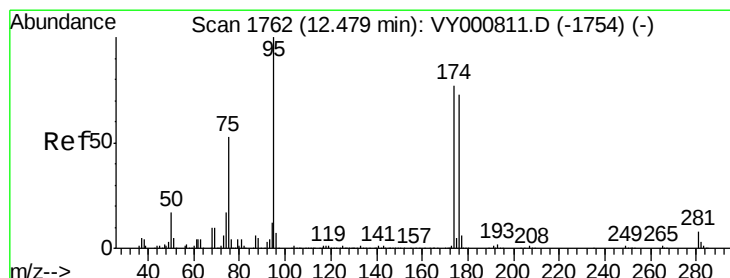
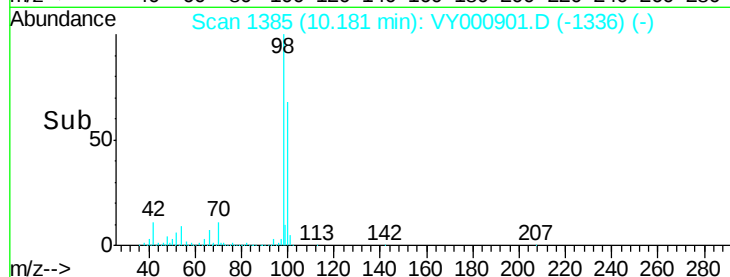
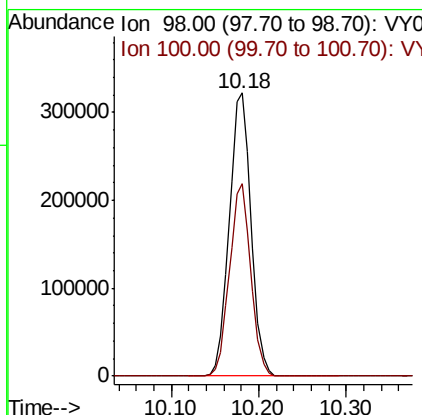
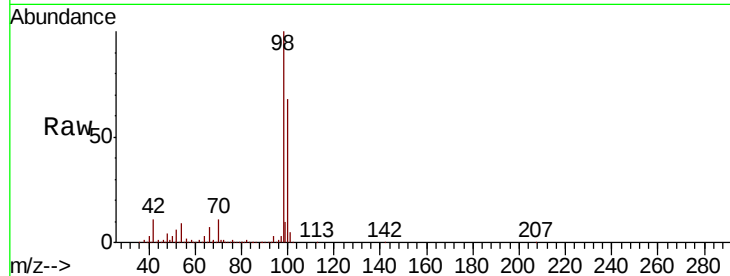




#50
Toluene-d8
Concen: 50.714 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000901.D
Acq: 06 Dec 2019 15:02

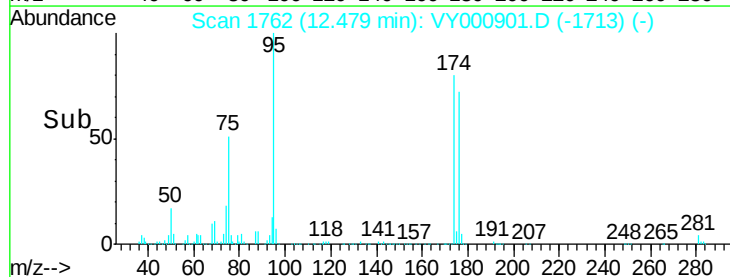
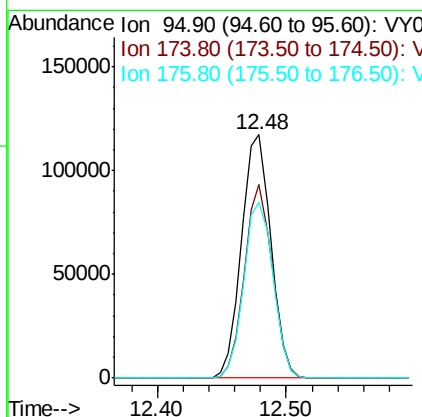
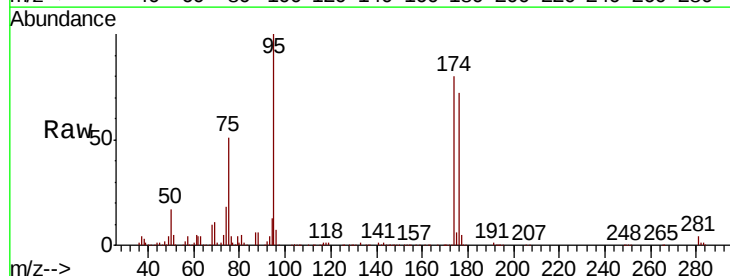
Instrument :
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RPC-PT-01

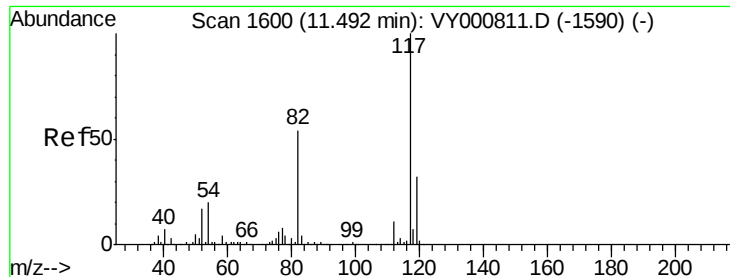
Tot Ion: 98 Resp: 557439
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 44.652 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000901.D
Acq: 06 Dec 2019 15:02

Tgt Ion: 95 Resp: 184325
Ion Ratio Lower Upper
95 100
174 75.4 0.0 150.6
176 72.1 0.0 145.2

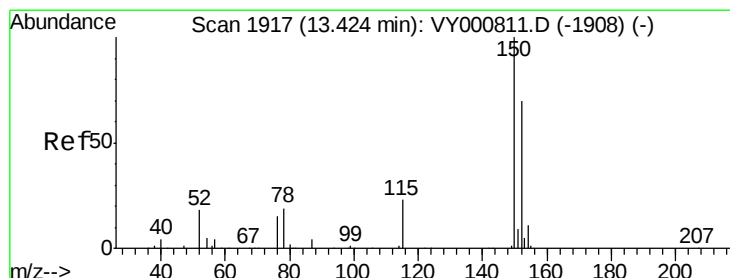
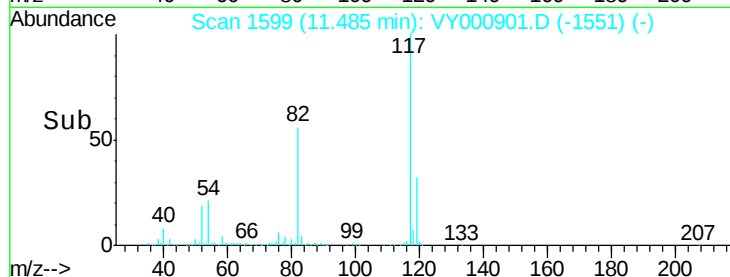
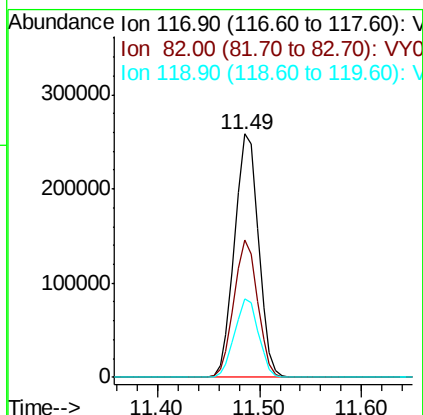
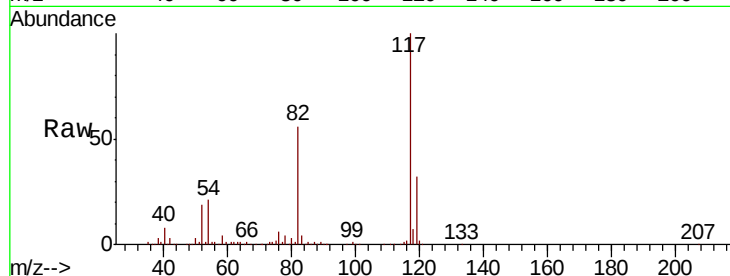




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000901.D
Acq: 06 Dec 2019 15:02

Instrument :
MSVOA_Y
ClientSampleId :
RPC-PT-01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.4	43.1	64.7
119	32.4	25.3	37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1916
Delta R.T. -0.01 min
Lab File: VY000901.D
Acq: 06 Dec 2019 15:02

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.8	29.3	87.8
150	159.1	0.0	351.2

