

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112619\
 Data File : VY000797.D
 Acq On : 26 Nov 2019 12:44
 Operator : SY/MD
 Sample : K6022-01
 Misc : 8.43G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-15-S1

Quant Time: Nov 27 04:48:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	267905	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	505902	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	430257	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	189163	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	163549	58.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.98%	
35) Dibromofluoromethane	7.72	113	147898	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	
50) Toluene-d8	10.18	98	576212	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	
62) 4-Bromofluorobenzene	12.48	95	191221	44.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.14%	

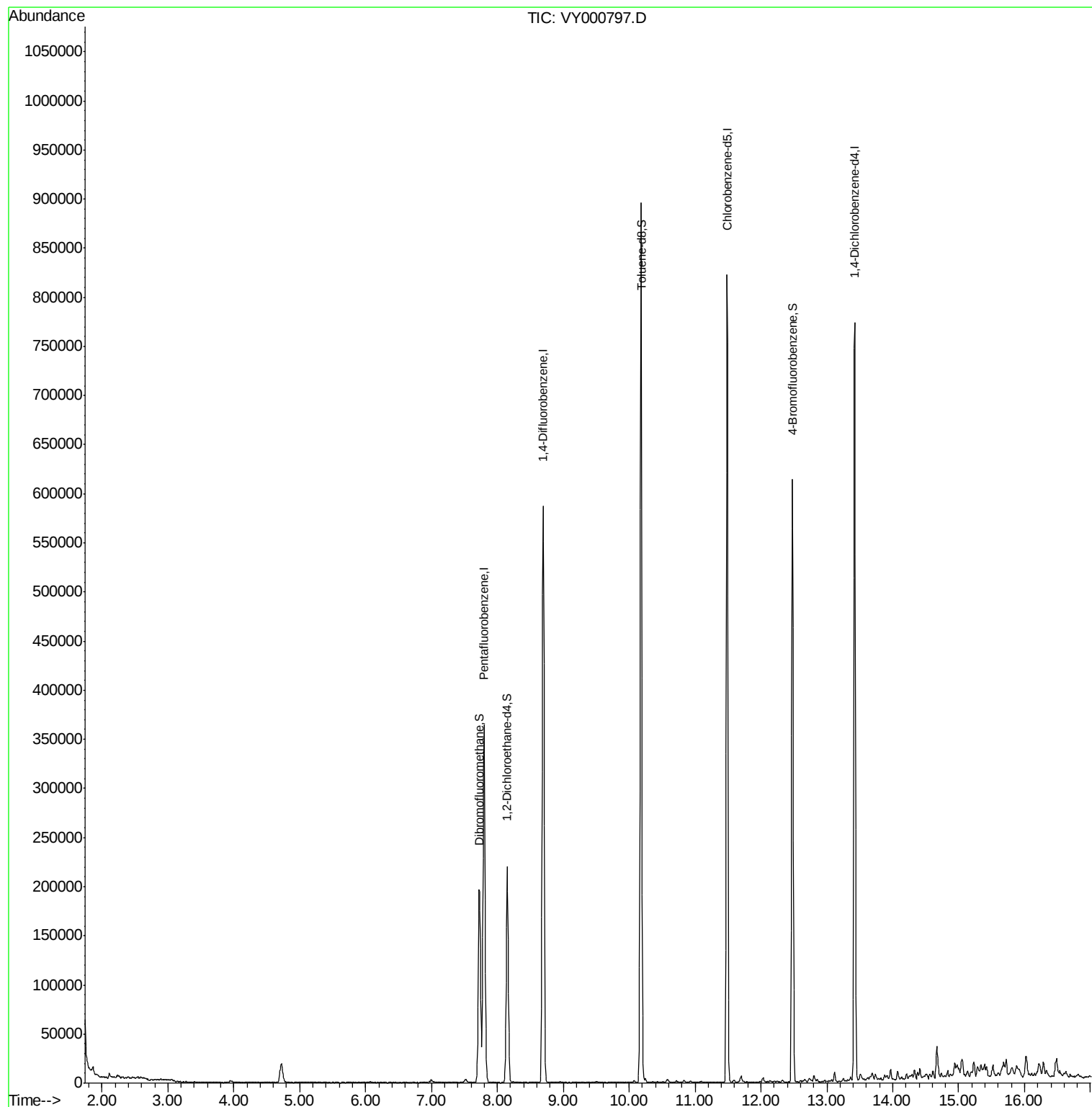
Target Compounds	Qvalue

(#) = 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# 994

Delta R.T. -0.01 min

Lab File: VY000797.D

Acq: 26 Nov 2019 12:44

Instrument :

MSVOA_Y

ClientSampleId :

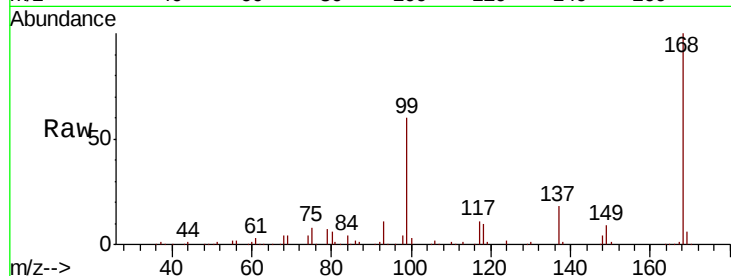
TP-15-S1

Tot Ion:168 Resp: 267905

Ion Ratio Lower Upper

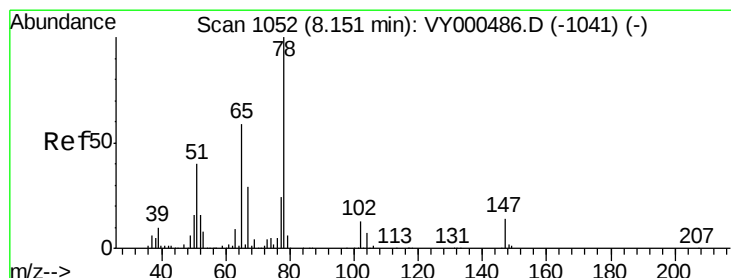
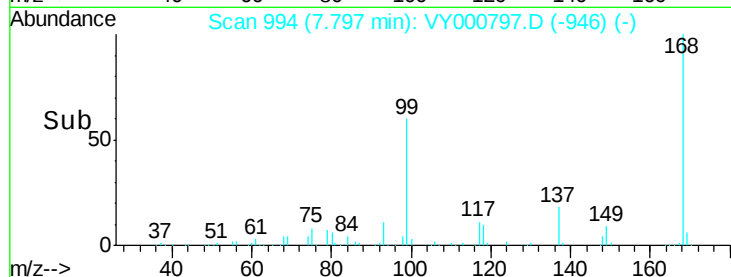
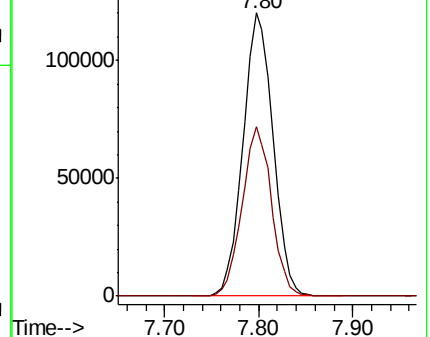
168 100

99 59.9 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VY000486.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY000797.D (-946) (-)



#33

1,2-Dichloroethane-d4

Concen: 58.990 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000797.D

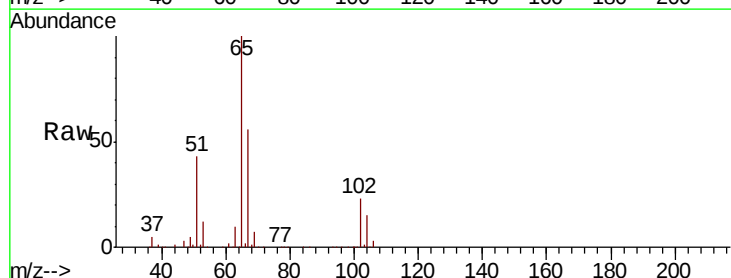
Acq: 26 Nov 2019 12:44

Tgt Ion: 65 Resp: 163549

Ion Ratio Lower Upper

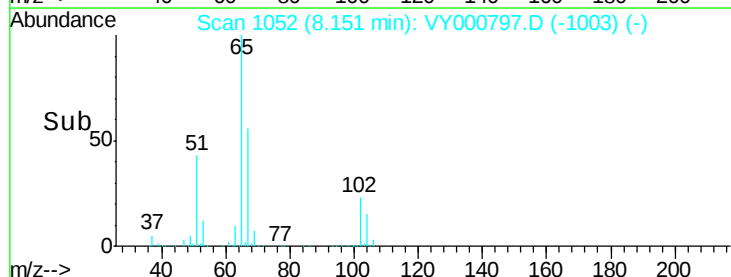
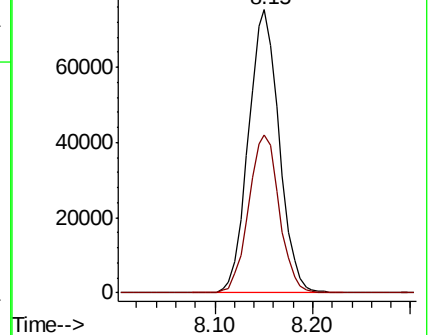
65 100

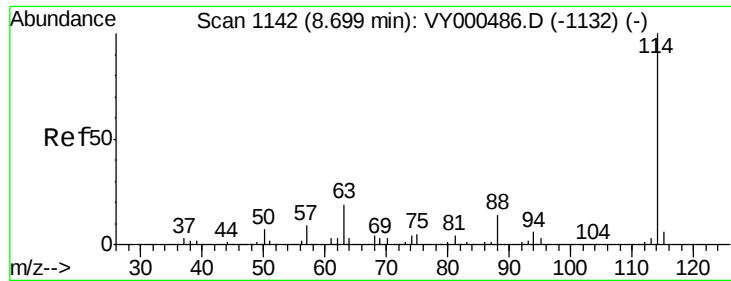
67 55.5 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY000486.D (-1041) (-)

Ion 66.90 (66.60 to 67.60): VY000797.D (-1003) (-)

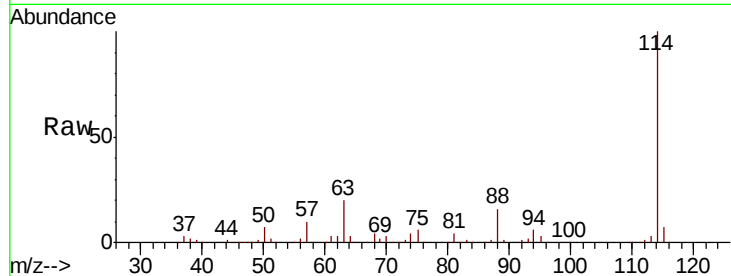




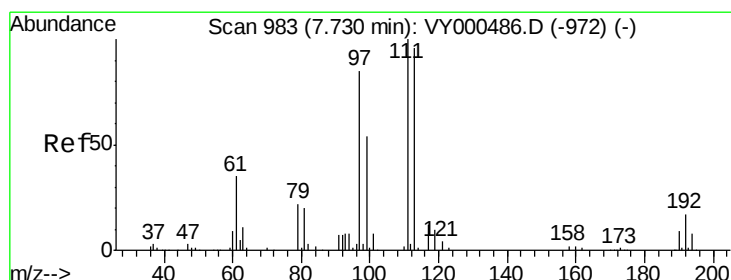
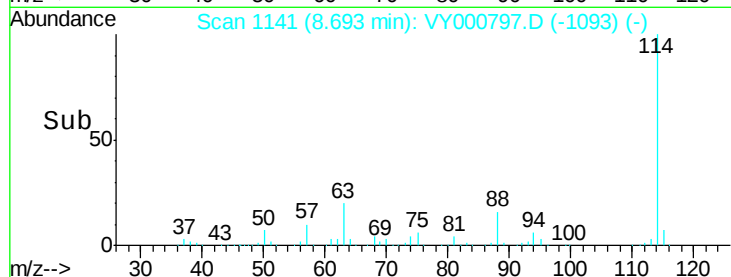
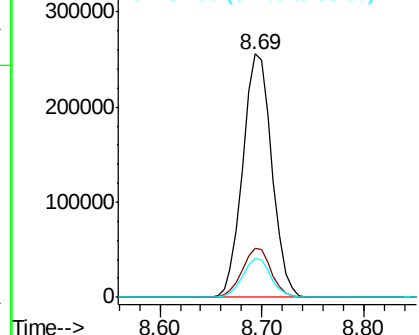
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000797.D
 Acq: 26 Nov 2019 12:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-15-S1

Tot Ion:114 Resp: 505902
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 38.0
 88 16.2 0.0 28.6

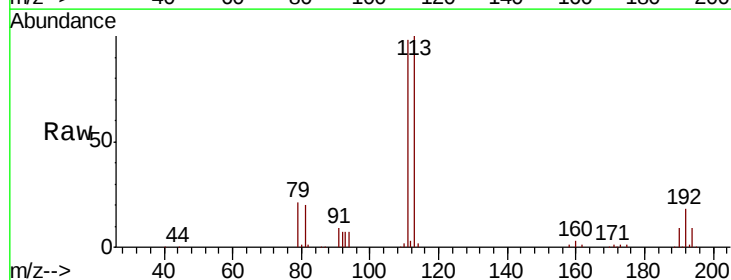


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

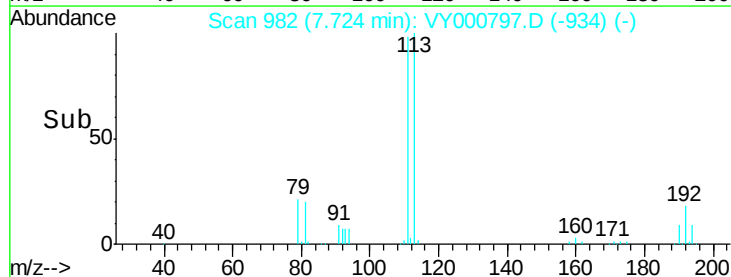
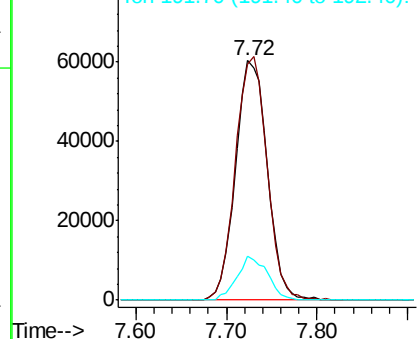


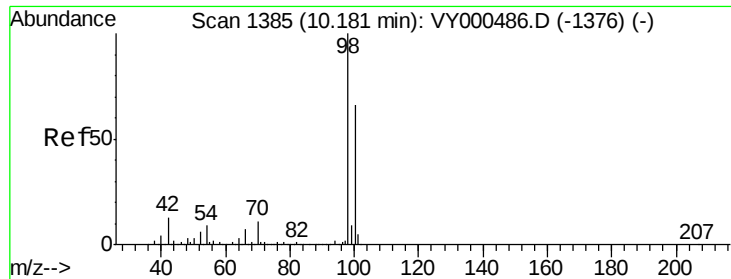
#35
 Dibromofluoromethane
 Concen: 49.798 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY000797.D
 Acq: 26 Nov 2019 12:44

Tgt Ion:113 Resp: 147898
 Ion Ratio Lower Upper
 113 100
 111 101.3 81.7 122.5
 192 17.6 15.0 22.4



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: 51.130 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000797.D

Acq: 26 Nov 2019 12:44

Instrument :

MSVOA_Y

ClientSampleId :

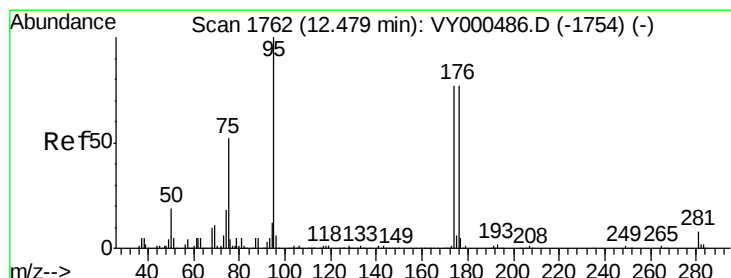
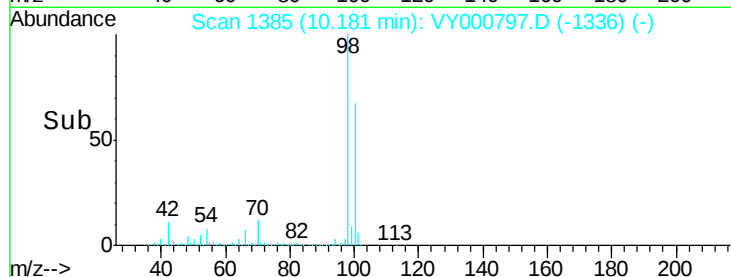
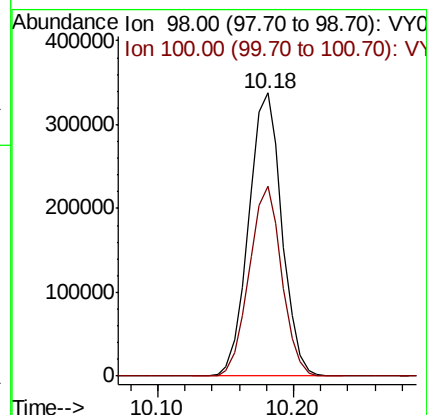
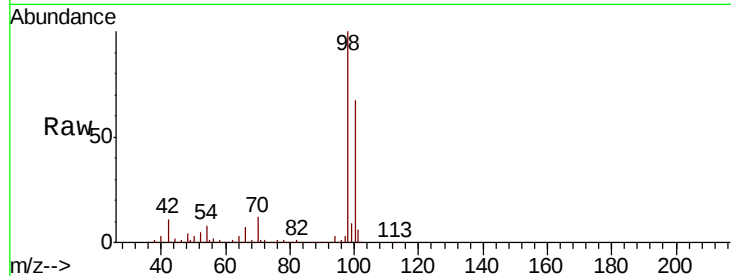
TP-15-S1

Tot Ion: 98 Resp: 576212

Ion Ratio Lower Upper

98 100

100 65.7 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 44.571 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000797.D

Acq: 26 Nov 2019 12:44

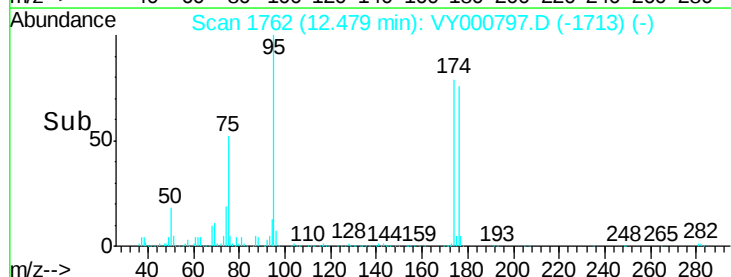
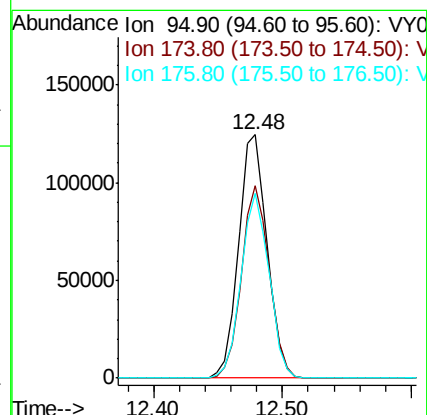
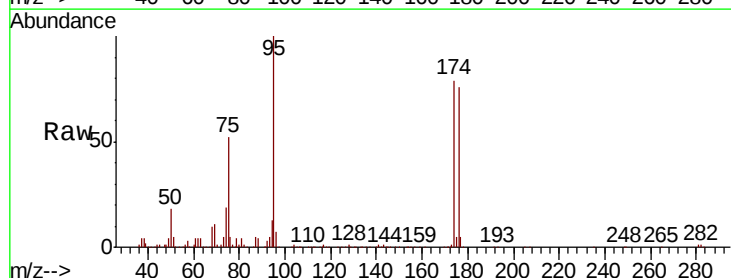
Tgt Ion: 95 Resp: 191221

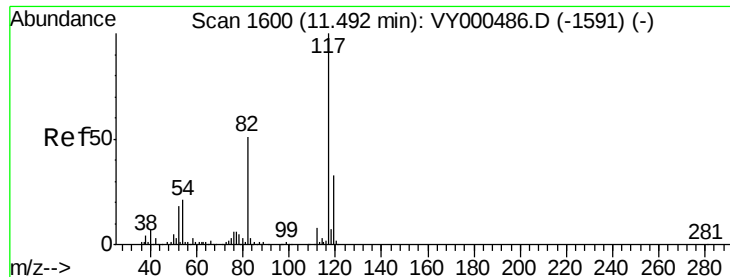
Ion Ratio Lower Upper

95 100

174 76.5 0.0 161.6

176 74.3 0.0 157.8

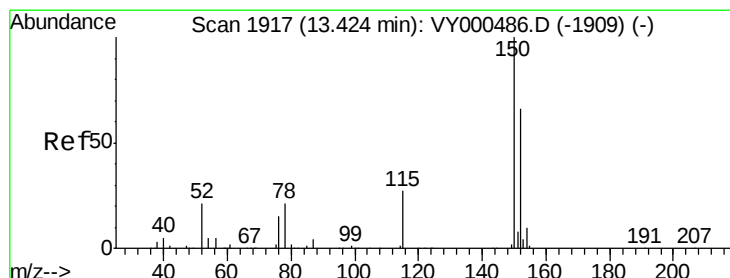
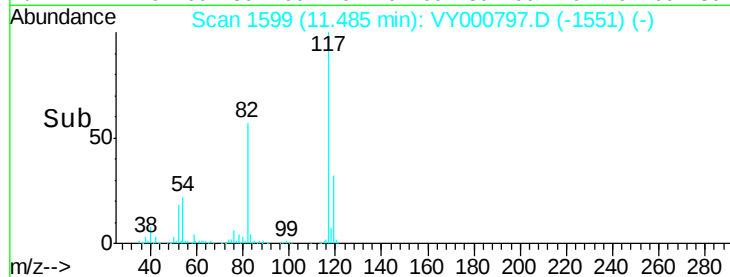
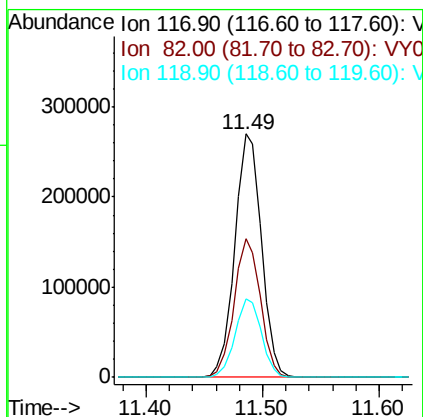
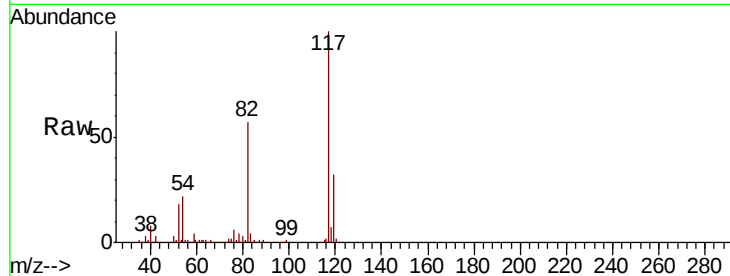




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000797.D
Acq: 26 Nov 2019 12:44

Instrument :
MSVOA_Y
ClientSampleId :
TP-15-S1

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.2	40.8	61.2
119	32.5	26.2	39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000797.D
Acq: 26 Nov 2019 12:44

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.4	29.1	87.4
150	157.5	0.0	348.8

