

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101519\
 Data File : VY000312.D
 Acq On : 15 Oct 2019 11:57
 Operator : SY/MD
 Sample : VY1015SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1015SBL01

Quant Time: Oct 15 17:45:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 14 08:10:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	305159	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	517768	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	432177	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	189860	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	172474	53.58	ug/l	0.00
Spiked Amount						
			Recovery	=	107.16%	
35) Dibromofluoromethane	7.73	113	147296	47.16	ug/l	0.00
Spiked Amount						
			Recovery	=	94.32%	
50) Toluene-d8	10.18	98	599359	49.89	ug/l	0.00
Spiked Amount						
			Recovery	=	99.78%	
62) 4-Bromofluorobenzene	12.48	95	193781	42.46	ug/l	0.00
Spiked Amount						
			Recovery	=	84.92%	

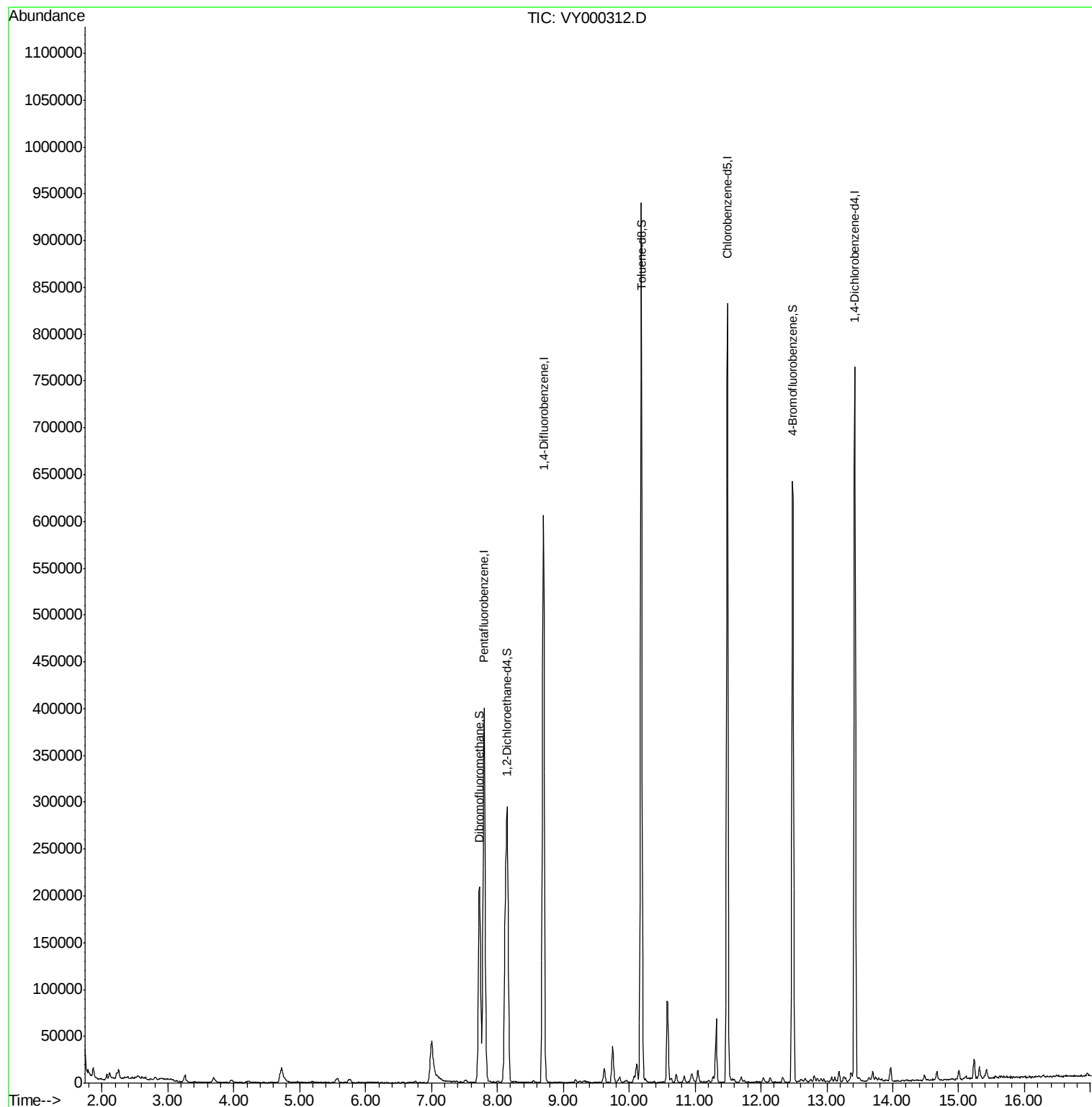
Target Compounds	Qvalue
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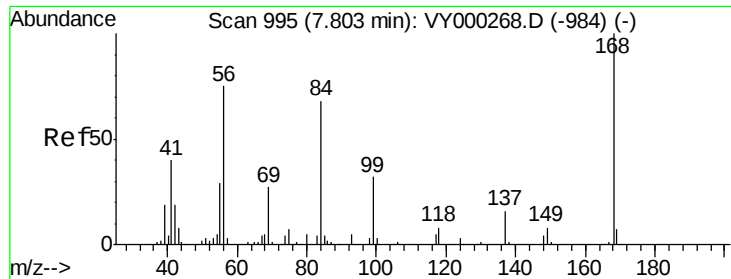
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000312.D

Acq: 15 Oct 2019 11:57

Instrument :

MSVOA_Y

ClientSampleId :

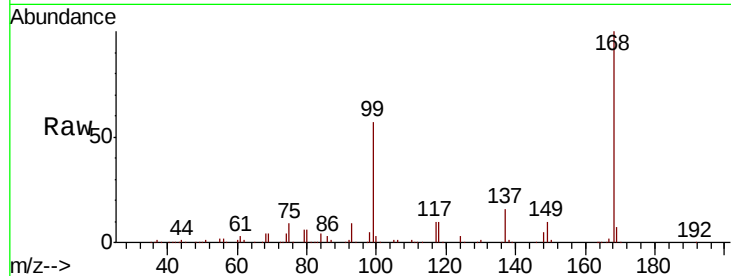
VY1015SBL01

Tot Ion:168 Resp: 305159

Ion Ratio Lower Upper

168 100

99 57.5 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000312.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000312.D (-946) (-)

7.80

150000

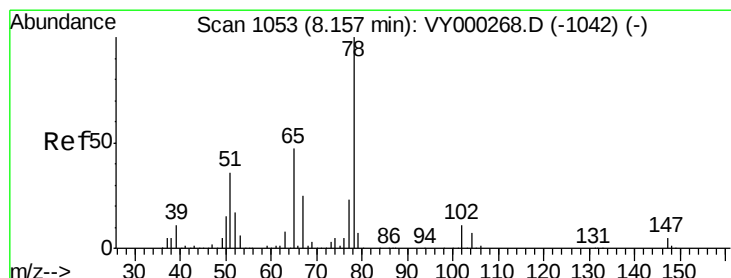
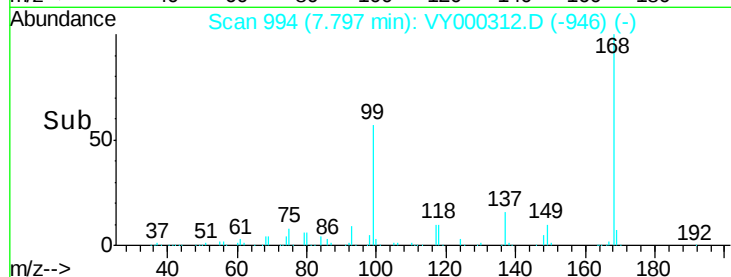
100000

50000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.581 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VY000312.D

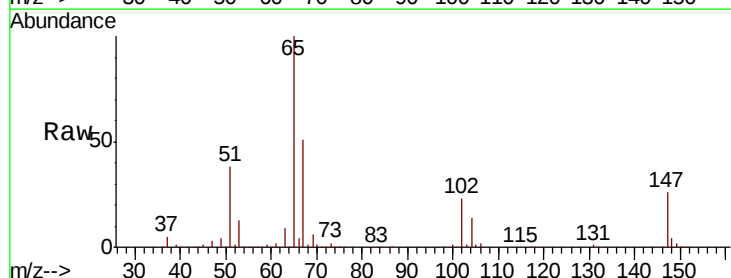
Acq: 15 Oct 2019 11:57

Tgt Ion: 65 Resp: 172474

Ion Ratio Lower Upper

65 100

67 54.0 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VY000312.D (-1004) (-)

Ion 66.90 (66.60 to 67.60): VY000312.D (-1004) (-)

8.16

80000

60000

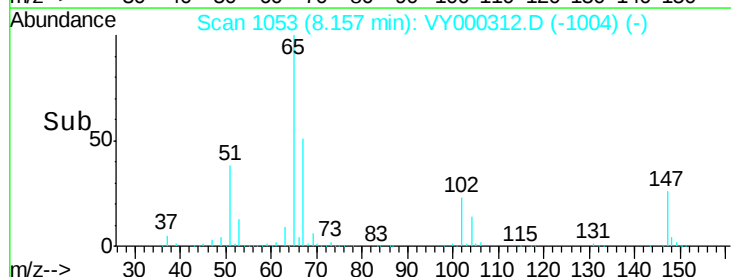
40000

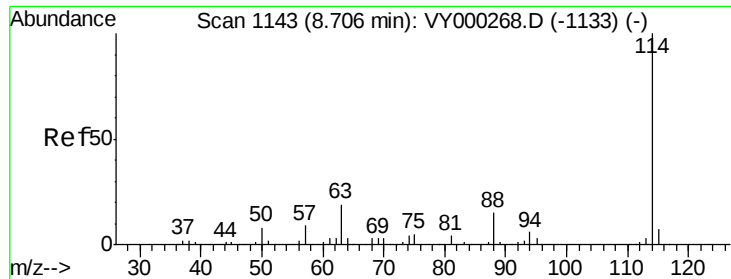
20000

0

8.10 8.20

Time-->

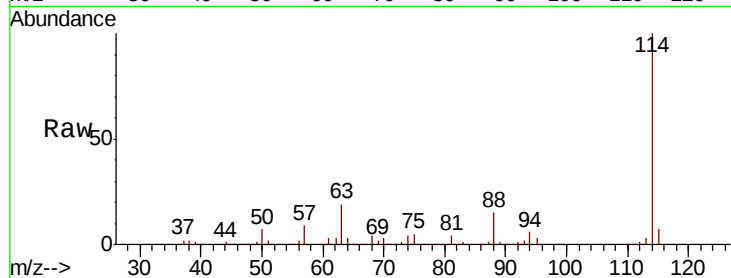




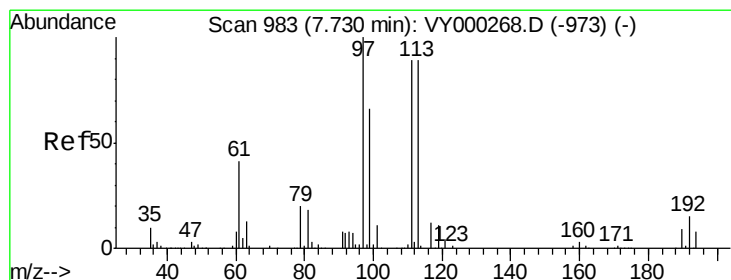
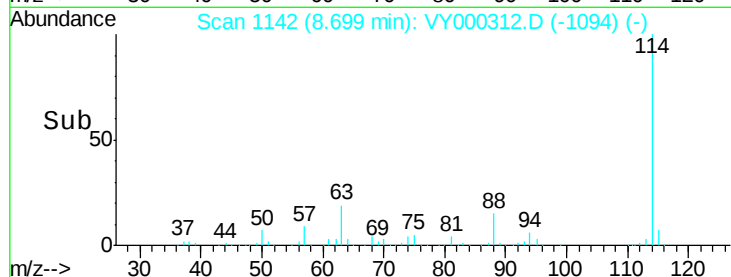
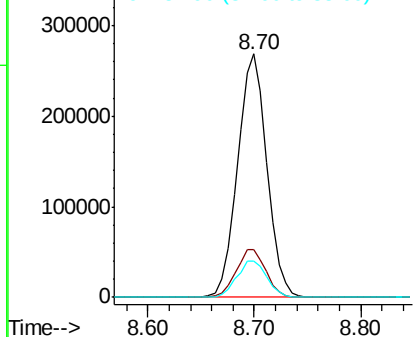
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000312.D
 Acq: 15 Oct 2019 11:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1015SBL01

Tot Ion:114 Resp: 517768
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 37.2
 88 14.8 0.0 30.2

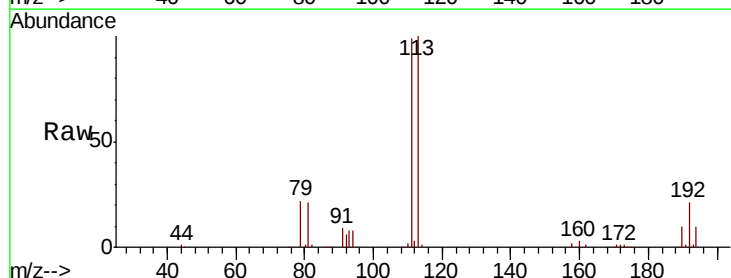


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

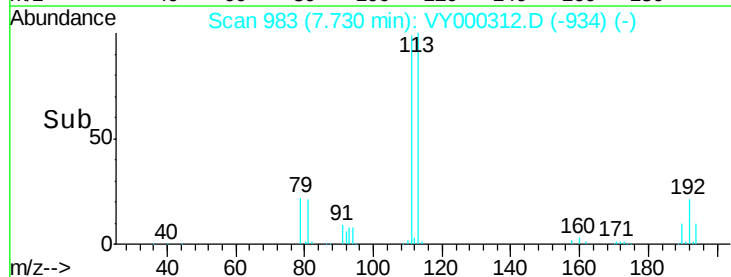
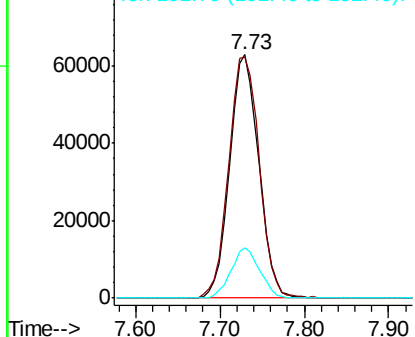


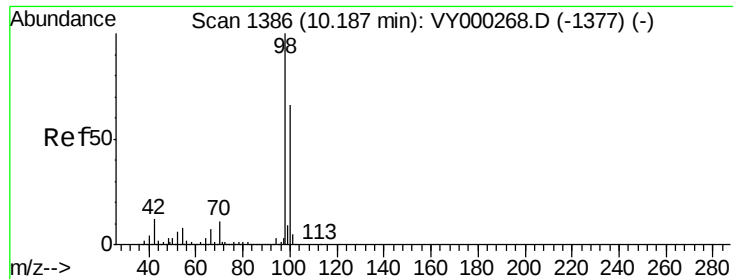
#35
 Dibromofluoromethane
 Concen: 47.162 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000312.D
 Acq: 15 Oct 2019 11:57

Tgt Ion:113 Resp: 147296
 Ion Ratio Lower Upper
 113 100
 111 103.8 81.6 122.4
 192 20.3 15.3 22.9



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: 49.887 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY000312.D

Acq: 15 Oct 2019 11:57

Instrument :

MSVOA_Y

ClientSampleId :

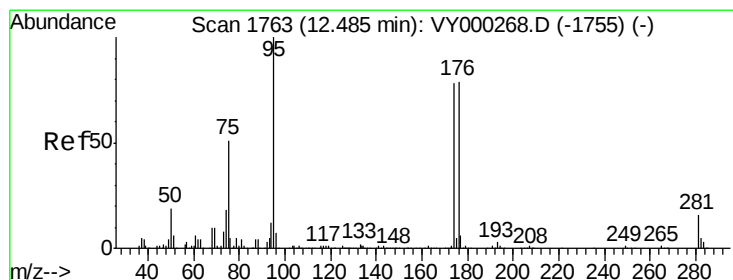
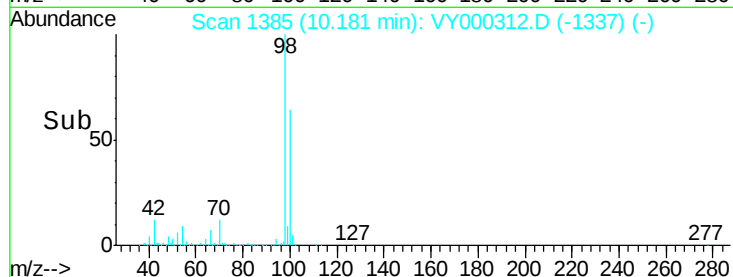
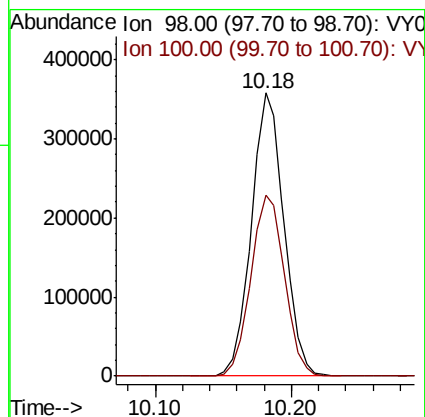
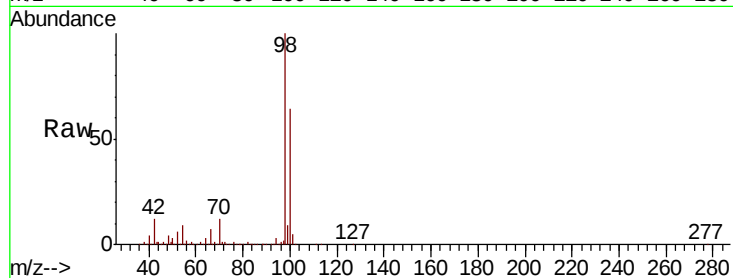
VY1015SBL01

Tot Ion: 98 Resp: 599359

Ion Ratio Lower Upper

98 100

100 66.2 52.8 79.2



#62

4-Bromofluorobenzene

Concen: 42.455 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY000312.D

Acq: 15 Oct 2019 11:57

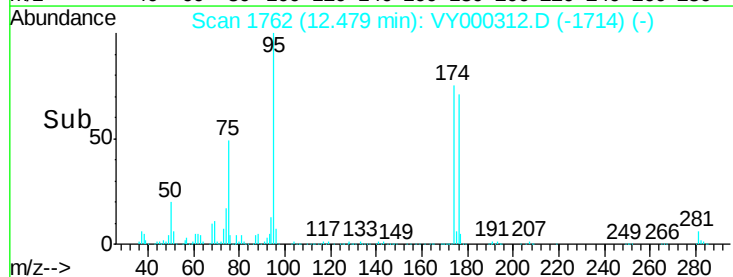
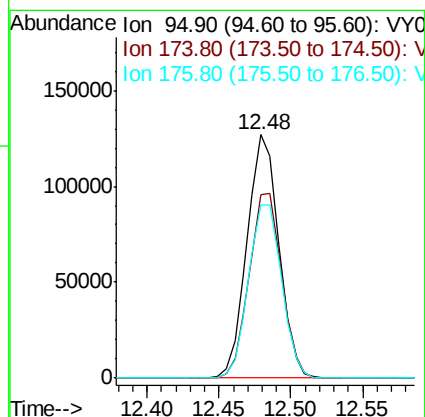
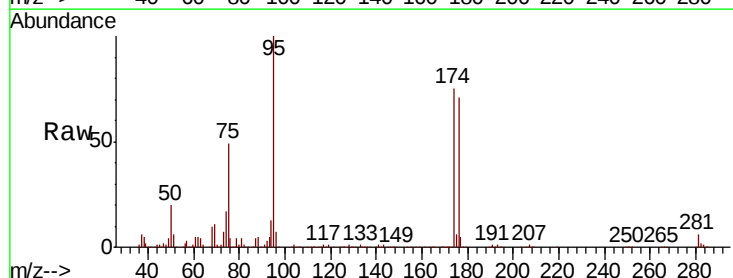
Tgt Ion: 95 Resp: 193781

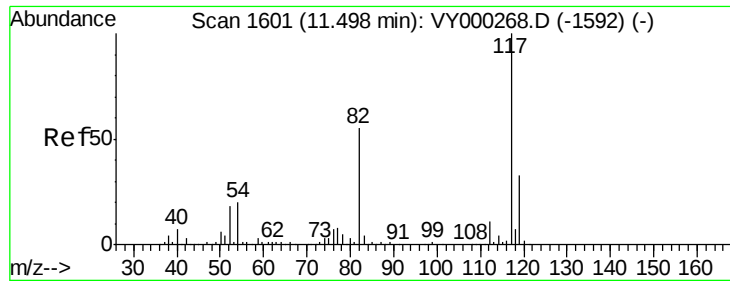
Ion Ratio Lower Upper

95 100

174 77.8 0.0 159.6

176 74.3 0.0 153.8

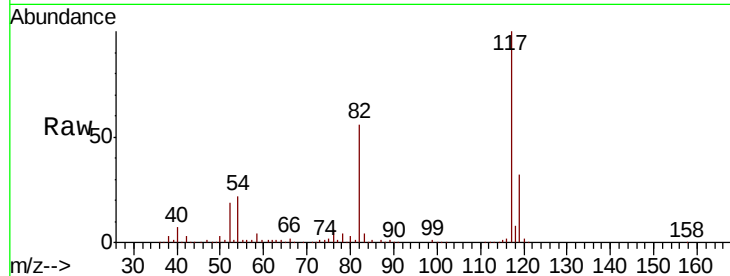




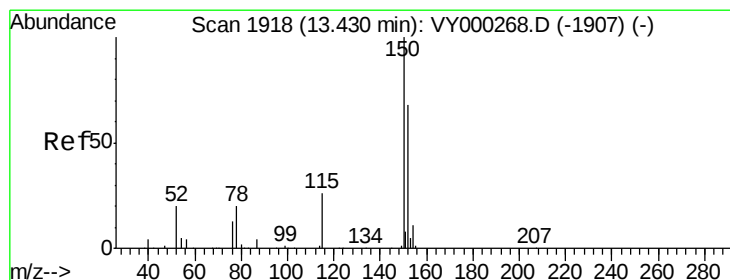
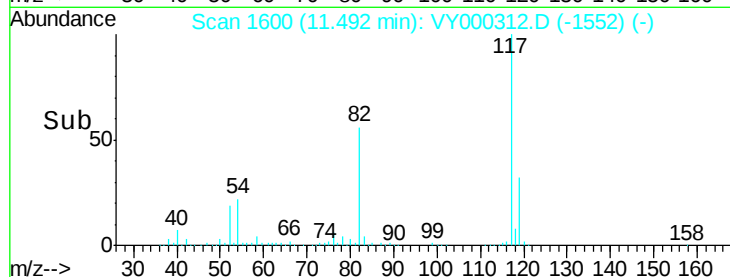
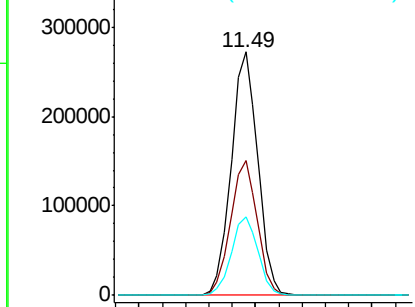
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000312.D
Acq: 15 Oct 2019 11:57

Instrument :
MSVOA_Y
ClientSampleId :
VY1015SBL01

Tot Ion:117 Resp: 432177
Ion Ratio Lower Upper
117 100
82 55.5 43.7 65.5
119 32.4 26.6 39.8

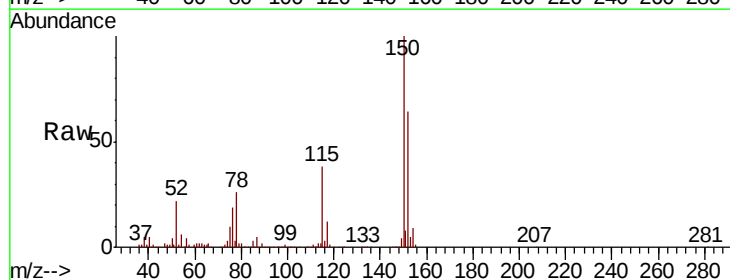


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000312.D
Acq: 15 Oct 2019 11:57

Tgt Ion:152 Resp: 189860
Ion Ratio Lower Upper
152 100
115 58.6 29.3 88.0
150 153.7 0.0 348.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

