

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102519\
 Data File : VY000440.D
 Acq On : 25 Oct 2019 19:34
 Operator : SY/MD
 Sample : K5540-08
 Misc : 3.95G/5ML/MSVOA Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 156-56-(1.3)

Quant Time: Oct 26 03:13:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 17 02:03:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	186980	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	326565	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	282008	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	117504	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	106566	54.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.06%	
35) Dibromofluoromethane	7.74	113	92707	47.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.12%	
50) Toluene-d8	10.19	98	366529	48.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.74%	
62) 4-Bromofluorobenzene	12.48	95	117030	40.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.30%	

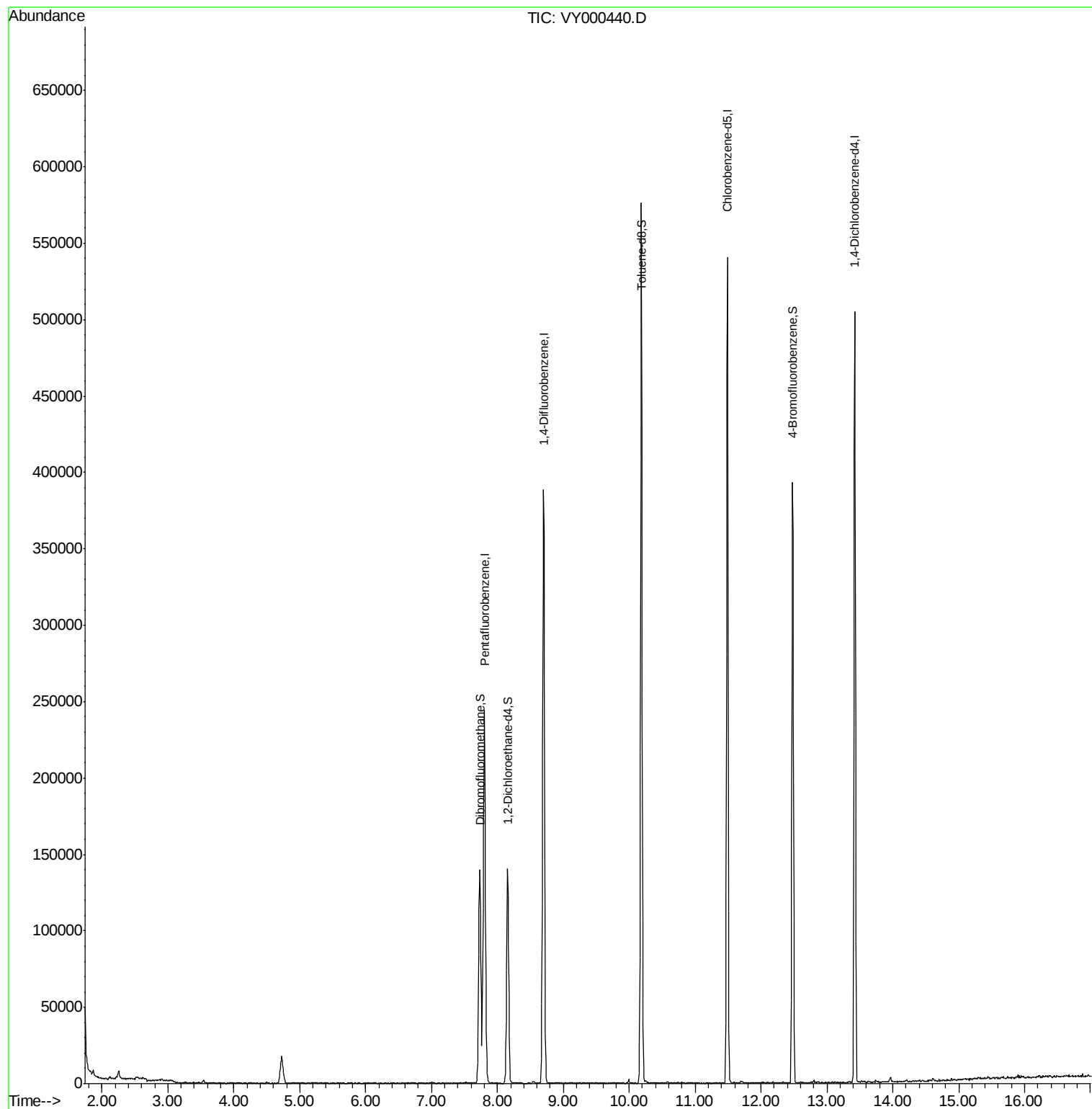
Target Compounds	Qvalue

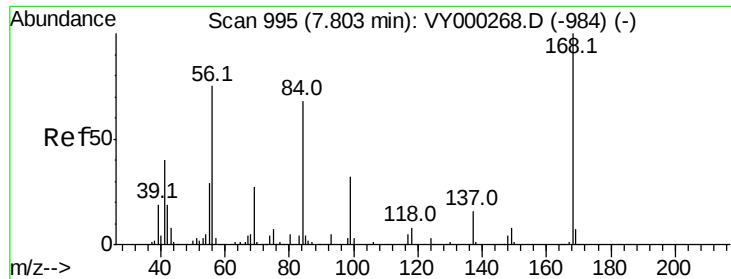
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY000440.D

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Instrument :

MSVOA_Y

ClientSampleId :

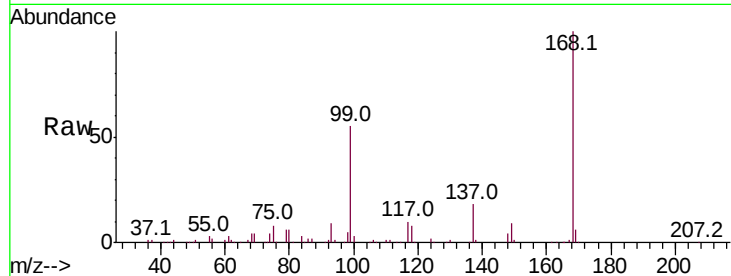
156-56-(1.3)

Tot Ion:168 Resp: 186980

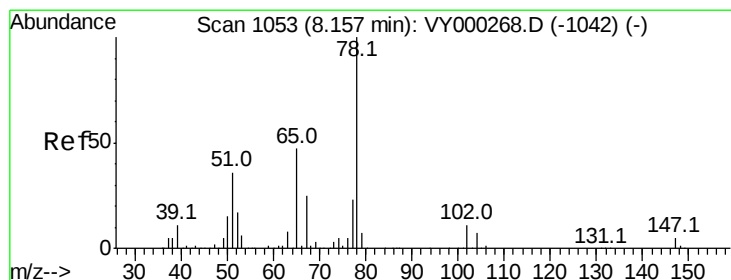
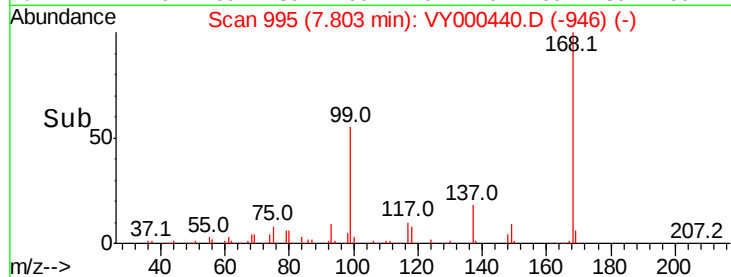
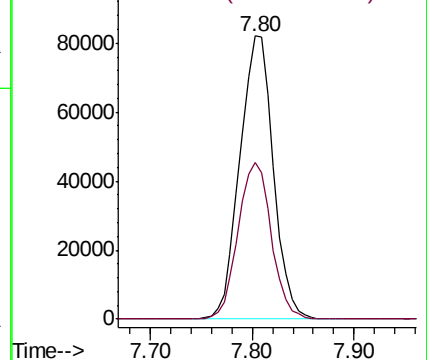
Ion Ratio Lower Upper

168 100

99 55.4 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000440.D (-946) (-)



#33

1,2-Dichloroethane-d4

Concen: 54.030 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VY000440.D

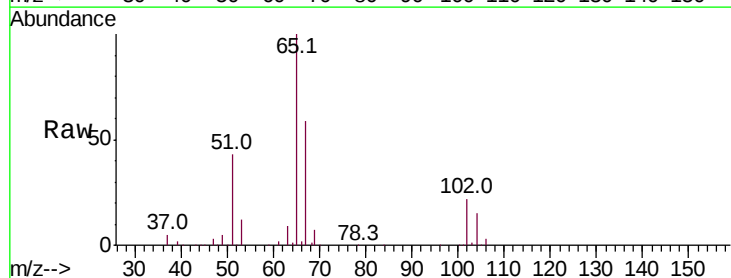
Acq: 25 Oct 2019 19:34

Tgt Ion: 65 Resp: 106566

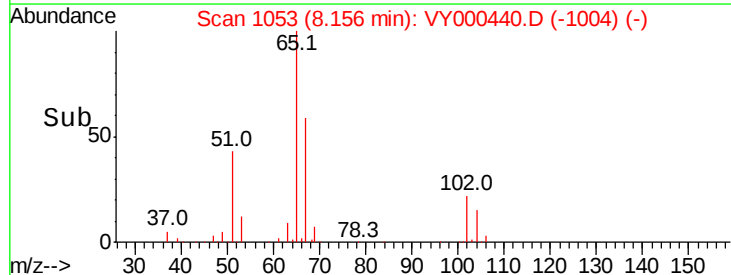
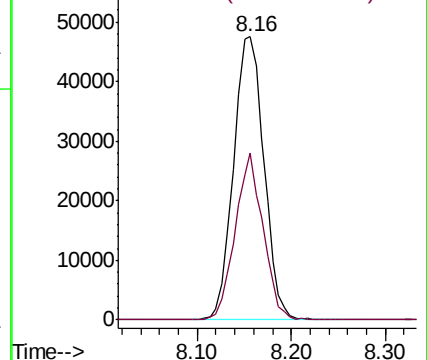
Ion Ratio Lower Upper

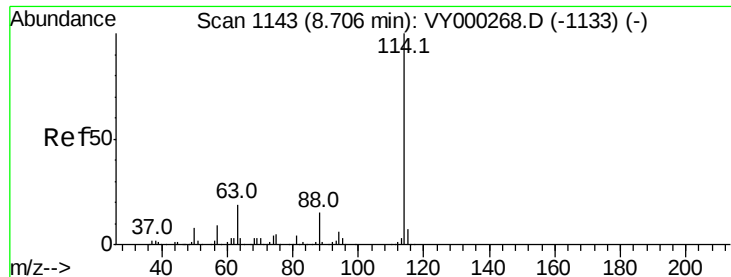
65 100

67 53.8 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VY000440.D (-1004) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

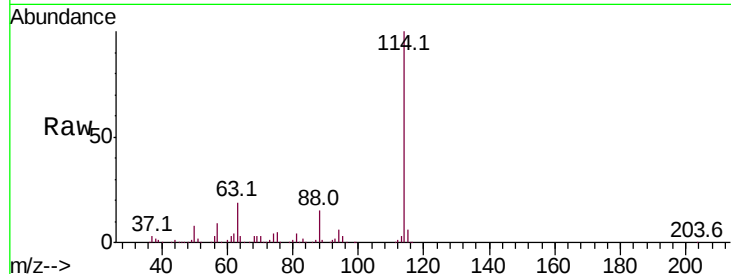
Lab File: VY000440.D

Acq: 25 Oct 2019 19:34

Instrument :
MSVOA_Y
ClientSampleId :
156-56-(1.3)

Tot Ion:114 Resp: 326565

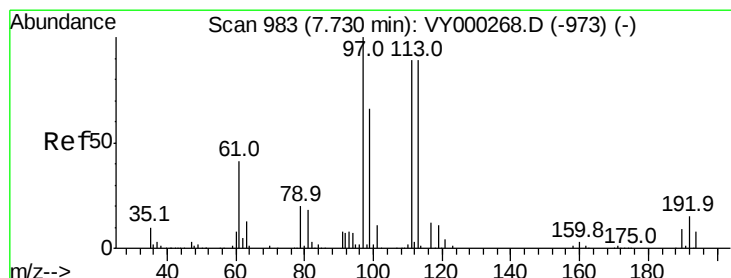
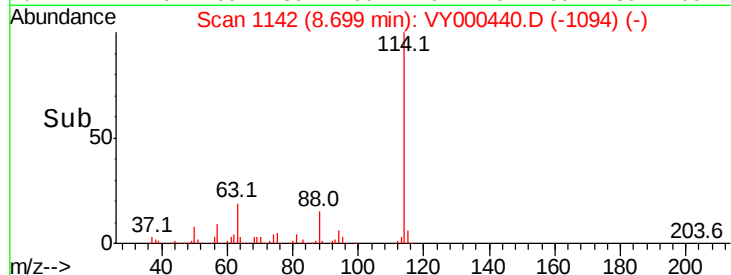
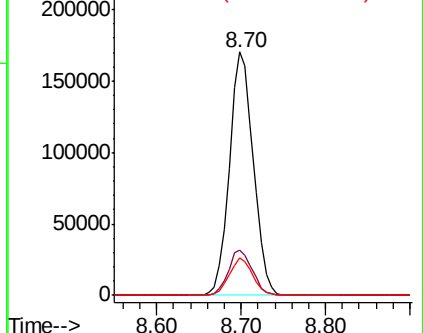
Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	37.2
88	15.3	0.0	30.2



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: 47.063 ug/l

RT: 7.74 min Scan# 984

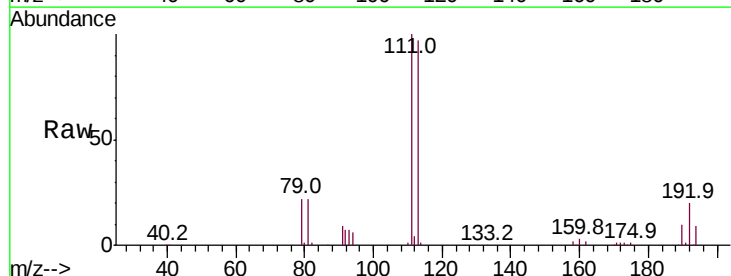
Delta R.T. 0.01 min

Lab File: VY000440.D

Acq: 25 Oct 2019 19:34

Tgt Ion:113 Resp: 92707

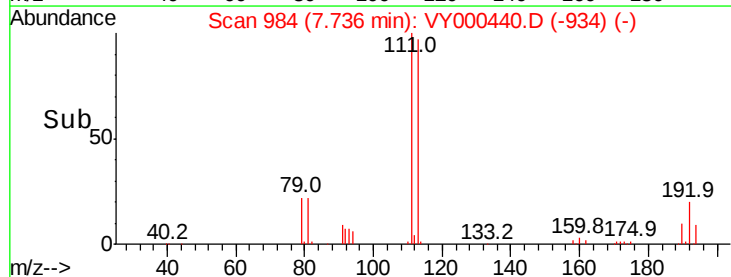
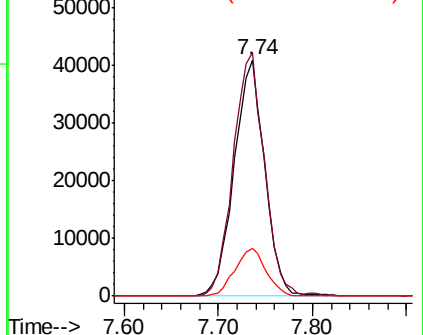
Ion	Ratio	Lower	Upper
113	100		
111	104.5	81.6	122.4
192	20.6	15.3	22.9

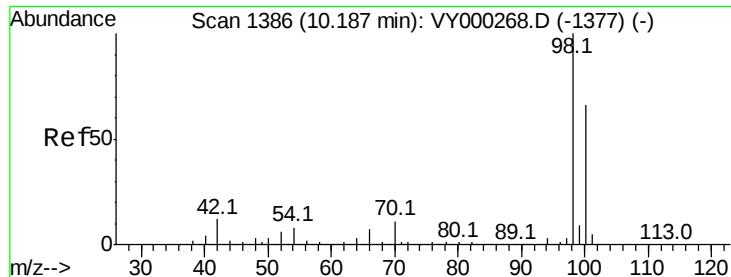


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.370 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY000440.D

Acq: 25 Oct 2019 19:34

Instrument :

MSVOA_Y

ClientSampleId :

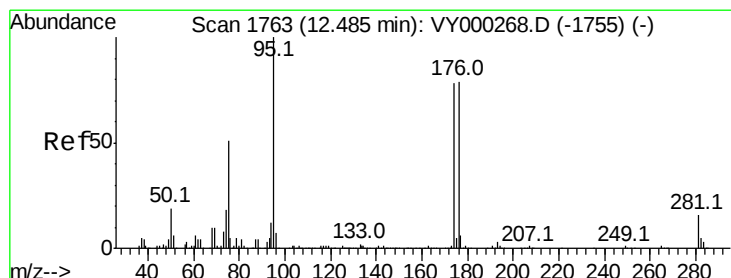
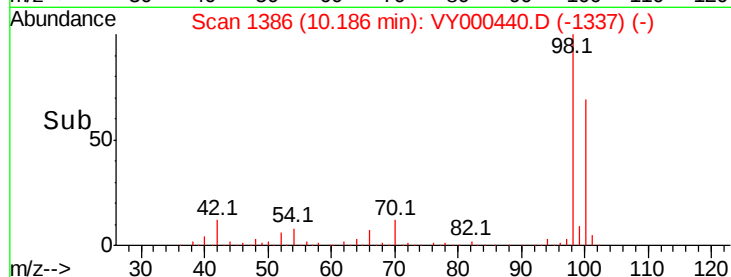
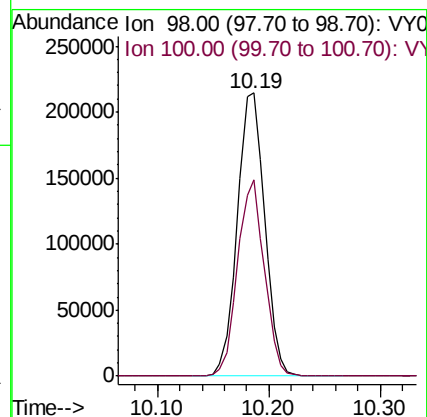
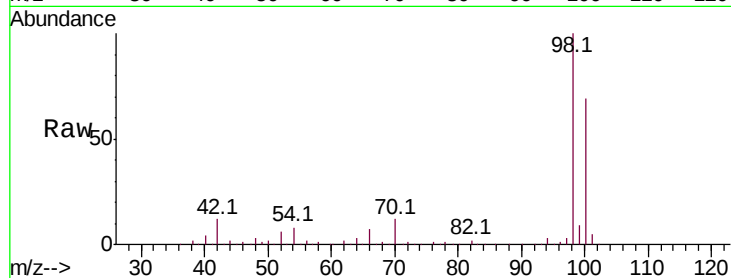
156-56-(1.3)

Tot Ion: 98 Resp: 366529

Ion Ratio Lower Upper

98 100

100 67.4 52.8 79.2



#62

4-Bromofluorobenzene

Concen: 40.652 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY000440.D

Acq: 25 Oct 2019 19:34

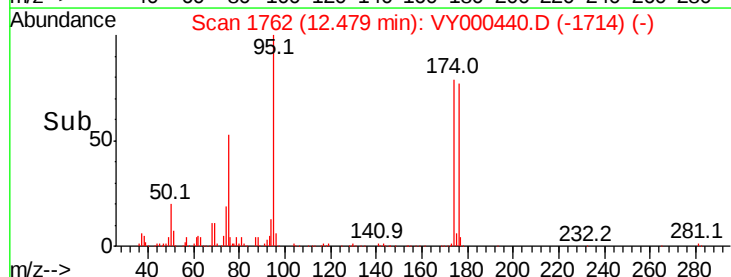
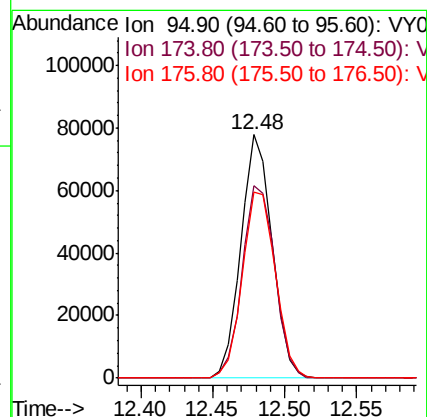
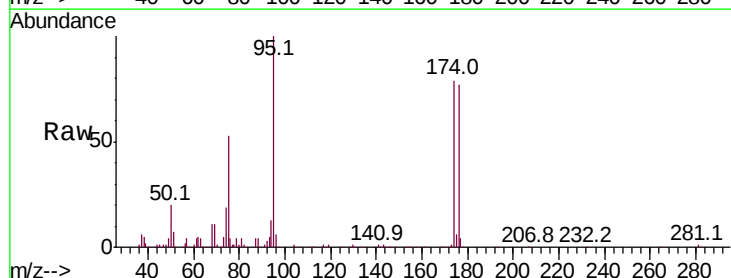
Tgt Ion: 95 Resp: 117030

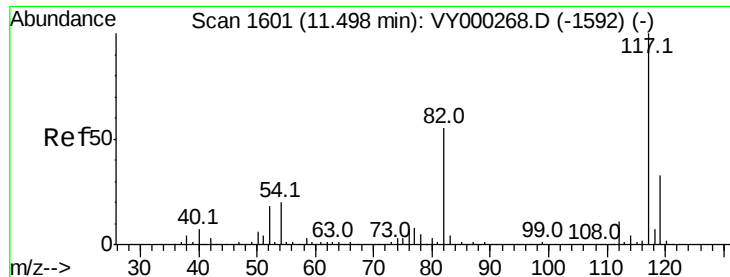
Ion Ratio Lower Upper

95 100

174 82.6 0.0 159.6

176 81.2 0.0 153.8

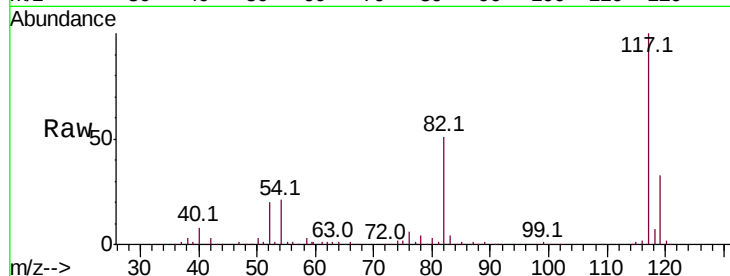




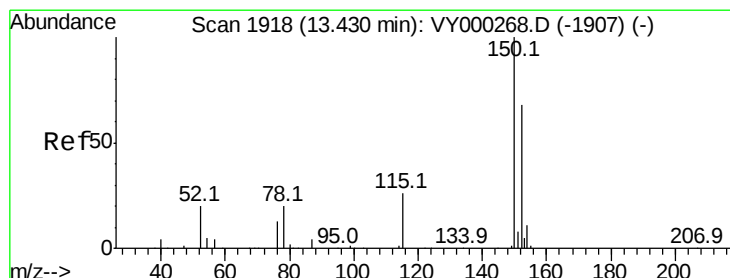
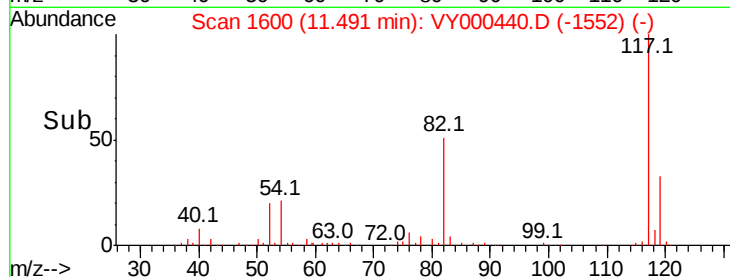
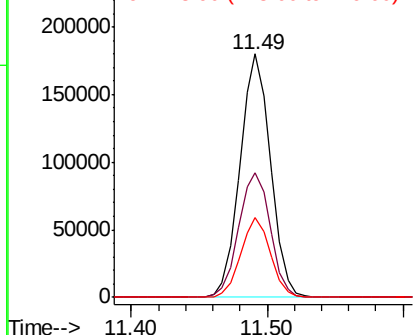
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000440.D
Acq: 25 Oct 2019 19:34

Instrument :
MSVOA_Y
ClientSampleId :
156-56-(1.3)

Tot Ion:117 Resp: 282008
Ion Ratio Lower Upper
117 100
82 51.4 43.7 65.5
119 32.7 26.6 39.8

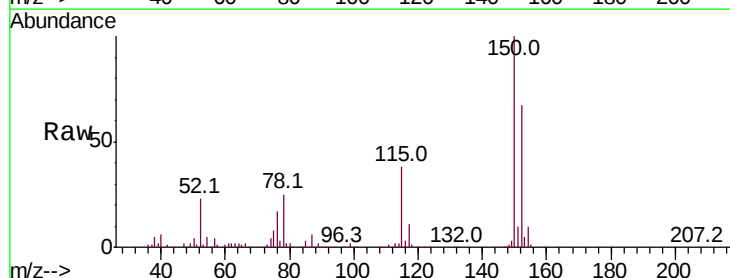


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000440.D
Acq: 25 Oct 2019 19:34

Tgt Ion:152 Resp: 117504
Ion Ratio Lower Upper
152 100
115 59.5 29.3 88.0
150 160.3 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

