

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102519\
 Data File : VY000432.D
 Acq On : 25 Oct 2019 16:29
 Operator : SY/MD
 Sample : K5539-12
 Misc : 6.56G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 163-52-(1)

Quant Time: Oct 26 03:00:29 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	29464	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	43166	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	33013	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	13415	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	14308	46.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.08%	
35) Dibromofluoromethane	7.73	113	10919	41.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.86%	
50) Toluene-d8	10.19	98	47239	47.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.32%	
62) 4-Bromofluorobenzene	12.48	95	13162	34.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.18%	

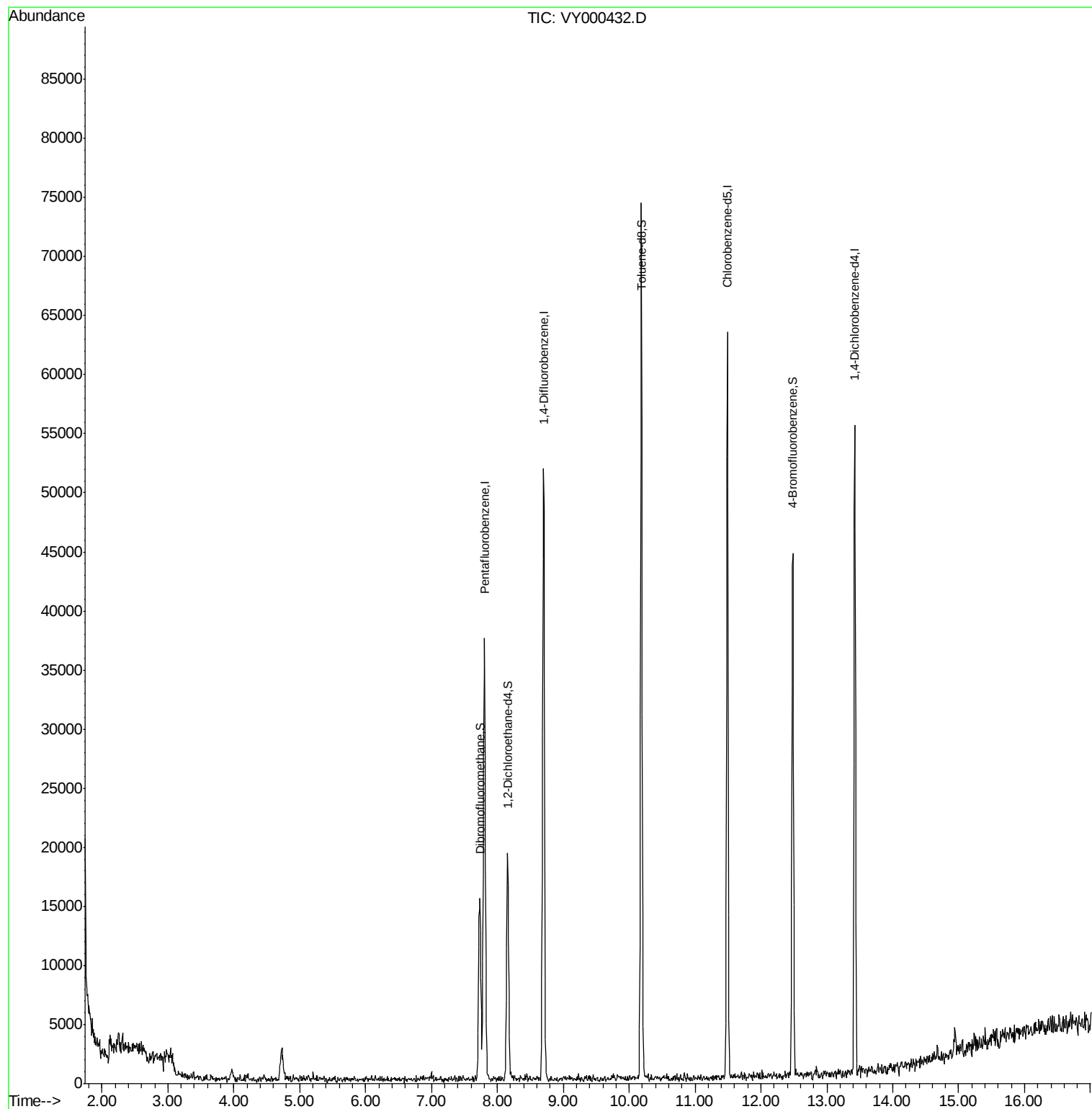
Target Compounds	Qvalue

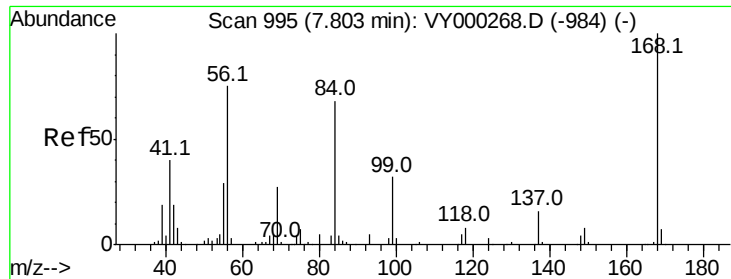
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY102519\
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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: VY000432.D

Acq: 25 Oct 2019 16:29

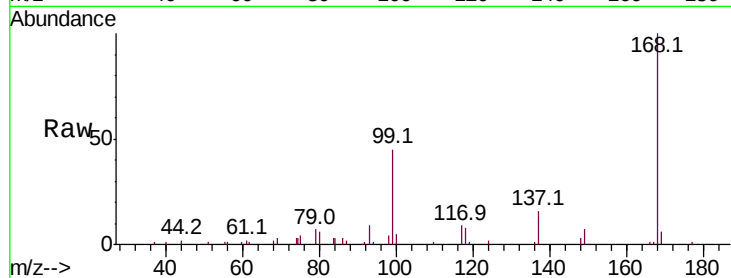
Instrument :
MSVOA_Y
ClientSampleId :
163-52-(1)

Tot Ion:168 Resp: 29464

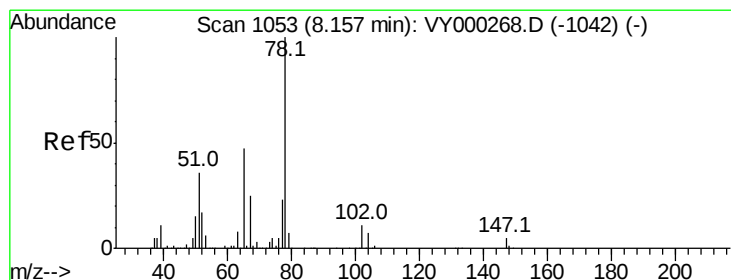
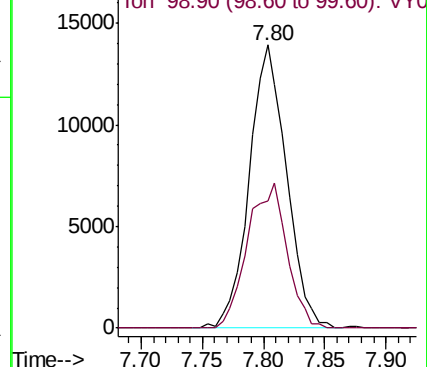
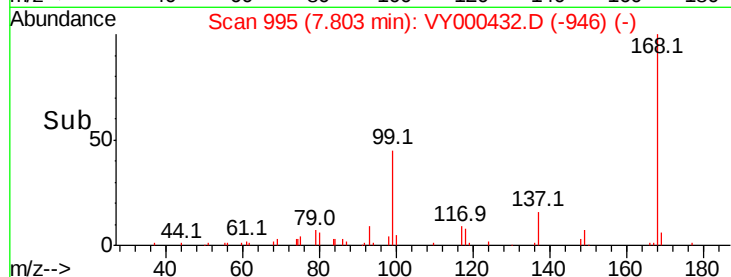
Ion Ratio Lower Upper

168 100

99 45.0 46.6 69.8#



Abundance Ion 167.90 (167.60 to 168.60): VY000432.D (-946) (-)



#33

1,2-Dichloroethane-d4

Concen: 46.036 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VY000432.D

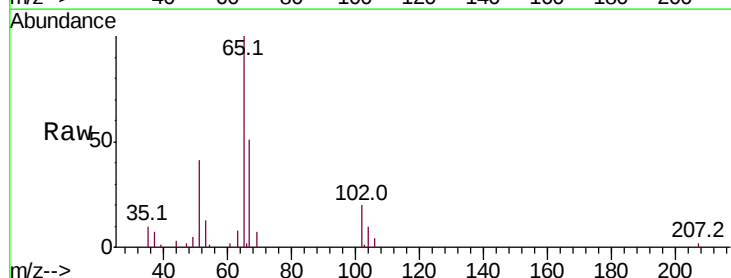
Acq: 25 Oct 2019 16:29

Tgt Ion: 65 Resp: 14308

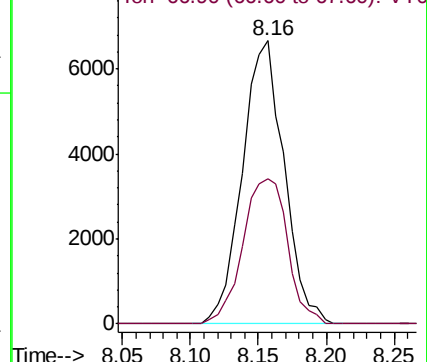
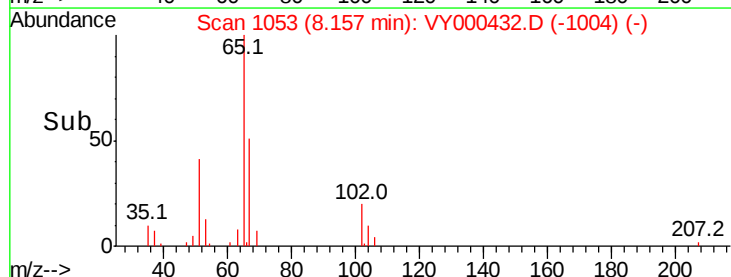
Ion Ratio Lower Upper

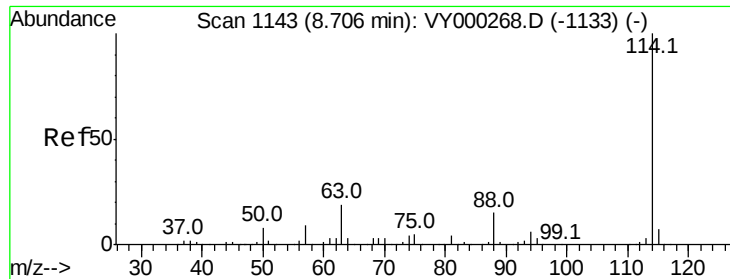
65 100

67 55.0 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VY000432.D (-1004) (-)

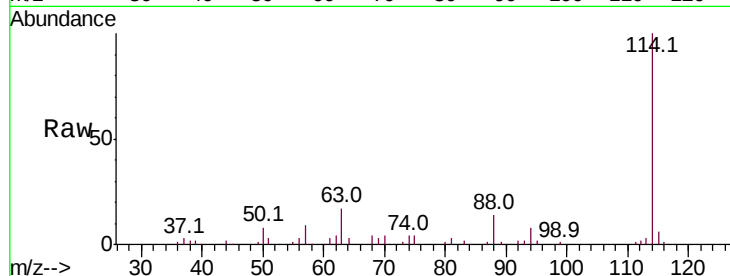




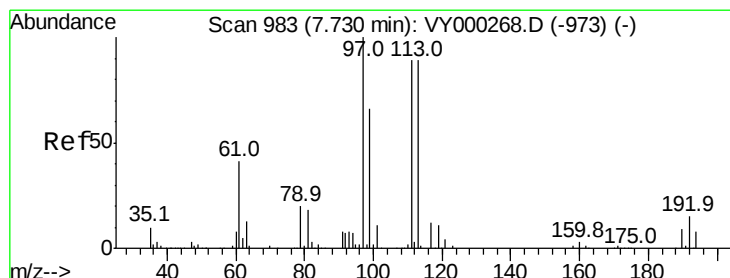
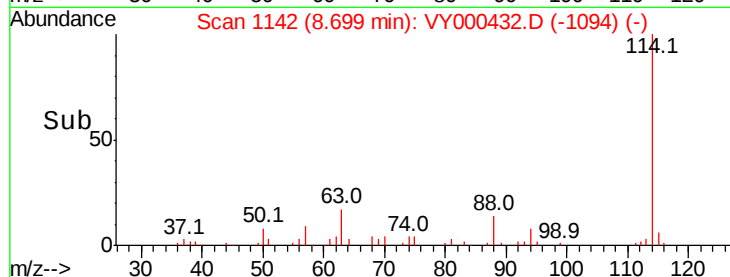
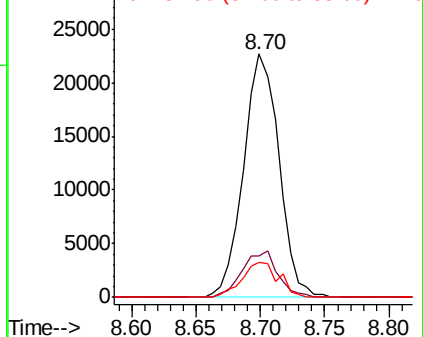
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000432.D
 Acq: 25 Oct 2019 16:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 163-52-(1)

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.0	0.0	37.2
88	14.2	0.0	30.2

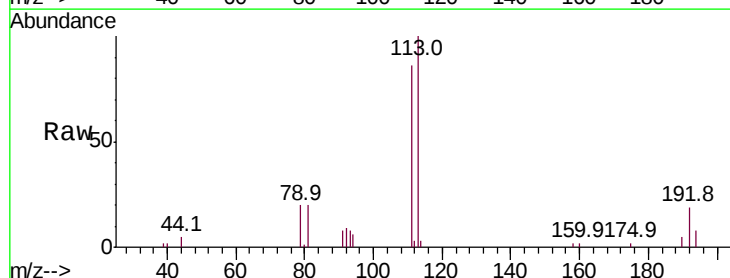


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

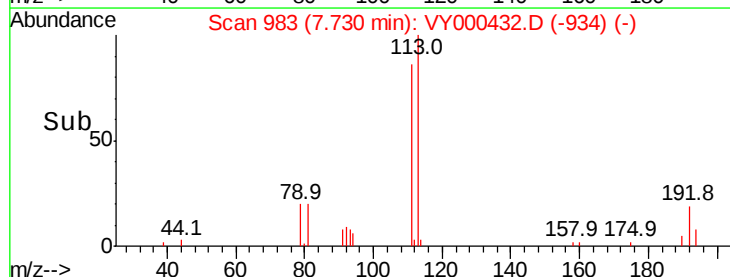
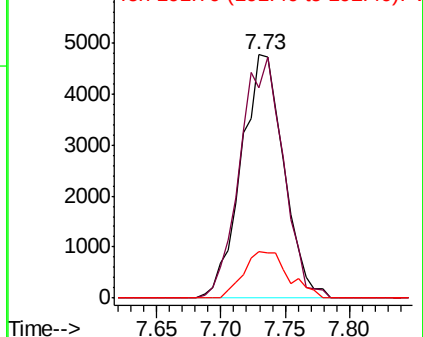


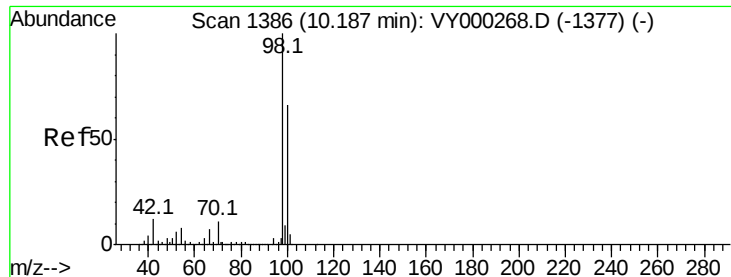
#35
 Dibromofluoromethane
 Concen: 41.935 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000432.D
 Acq: 25 Oct 2019 16:29

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.4	81.6	122.4
192	19.9	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: 47.163 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY000432.D

Acq: 25 Oct 2019 16:29

Instrument :

MSVOA_Y

ClientSampleId :

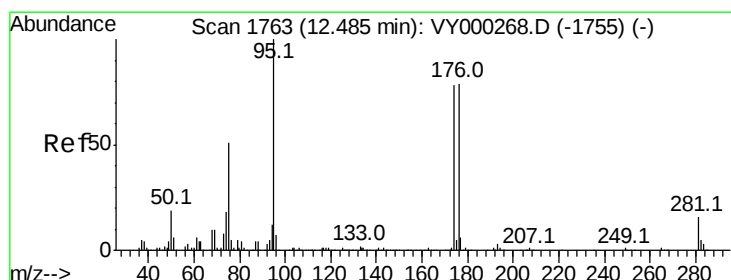
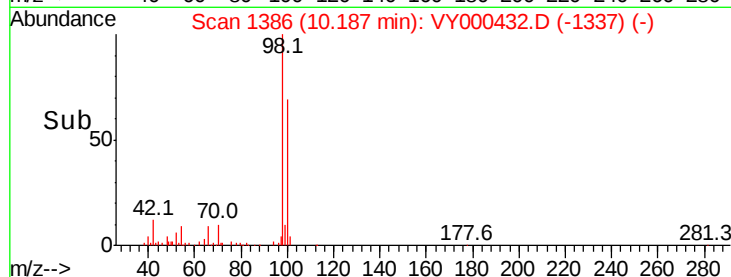
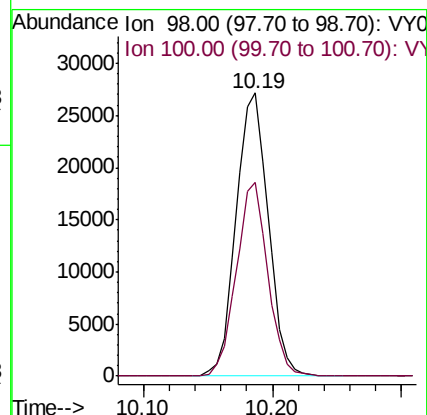
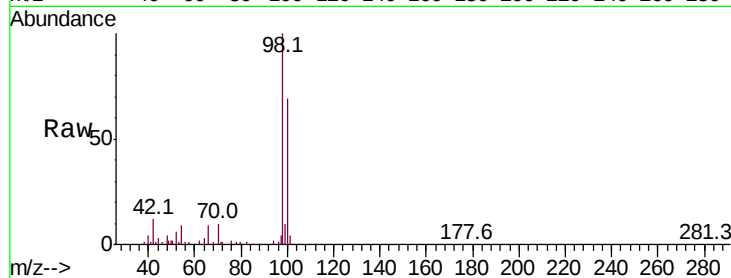
163-52-(1)

Tot Ion: 98 Resp: 47239

Ion Ratio Lower Upper

98 100

100 67.1 52.8 79.2



#62

4-Bromofluorobenzene

Concen: 34.589 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY000432.D

Acq: 25 Oct 2019 16:29

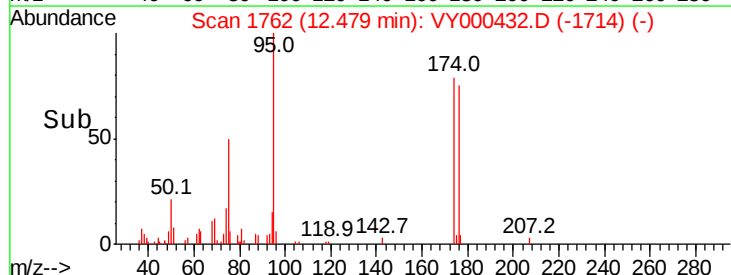
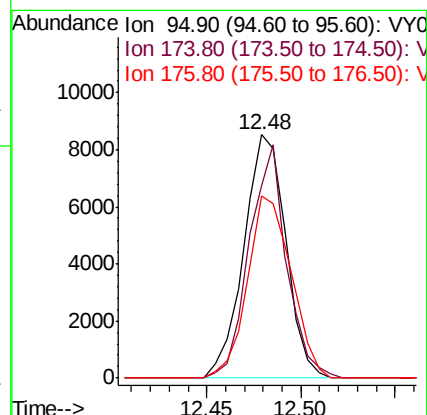
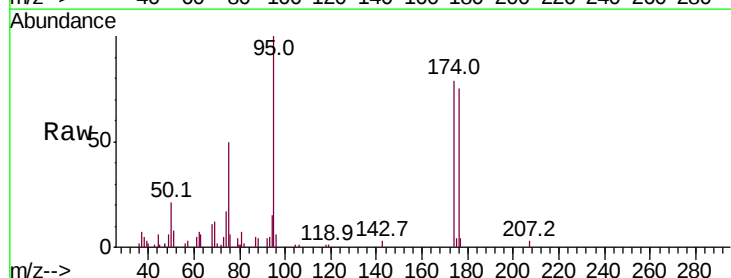
Tgt Ion: 95 Resp: 13162

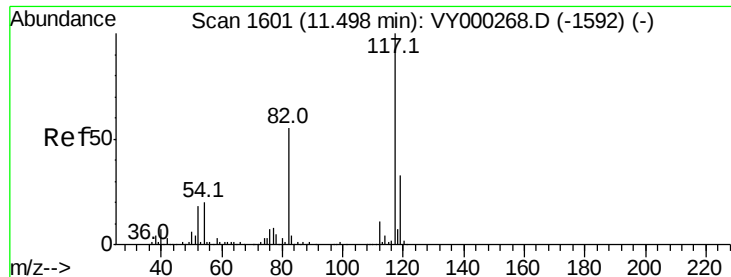
Ion Ratio Lower Upper

95 100

174 85.0 0.0 159.6

176 78.1 0.0 153.8

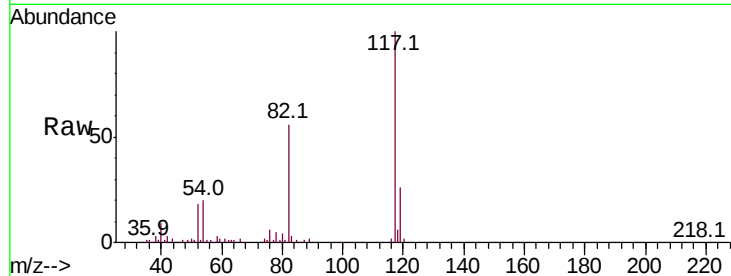




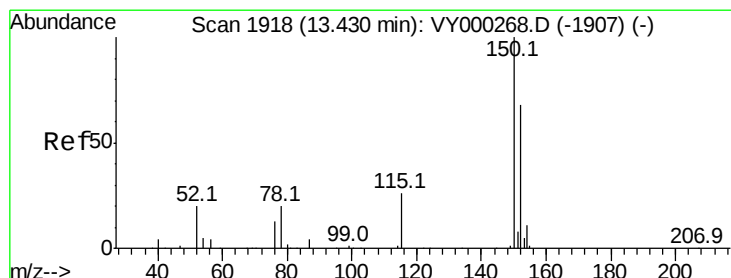
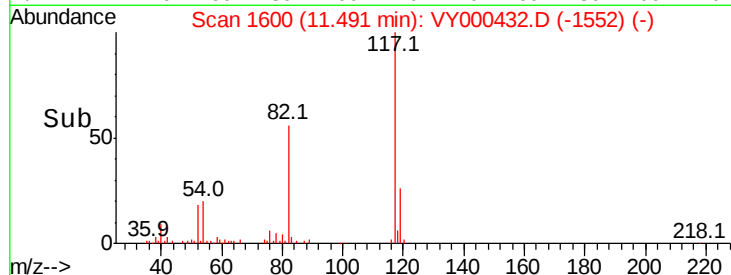
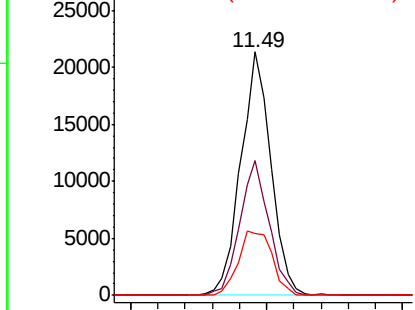
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000432.D
Acq: 25 Oct 2019 16:29

Instrument :
MSVOA_Y
ClientSampleId :
163-52-(1)

Tot Ion:117 Resp: 33013
Ion Ratio Lower Upper
117 100
82 55.6 43.7 65.5
119 25.6 26.6 39.8#

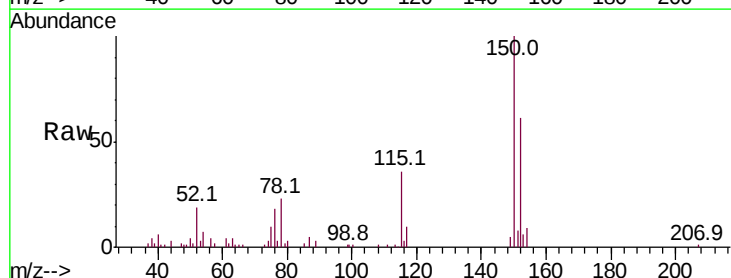


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000432.D
Acq: 25 Oct 2019 16:29

Tgt Ion:152 Resp: 13415
Ion Ratio Lower Upper
152 100
115 58.6 29.3 88.0
150 165.4 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

