

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102519\
 Data File : VY000434.D
 Acq On : 25 Oct 2019 17:15
 Operator : SY/MD
 Sample : K5539-16
 Misc : 5.74G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 164-68-(1)

Quant Time: Oct 26 03:01:59 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	188466	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	331190	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	283173	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	117296	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	110539	55.60	ug/l	0.00
Spiked Amount			Recovery	=	111.20%	
35) Dibromofluoromethane	7.73	113	96461	48.28	ug/l	0.00
Spiked Amount			Recovery	=	96.56%	
50) Toluene-d8	10.18	98	381428	49.63	ug/l	0.00
Spiked Amount			Recovery	=	99.26%	
62) 4-Bromofluorobenzene	12.48	95	119475	40.92	ug/l	0.00
Spiked Amount			Recovery	=	81.84%	

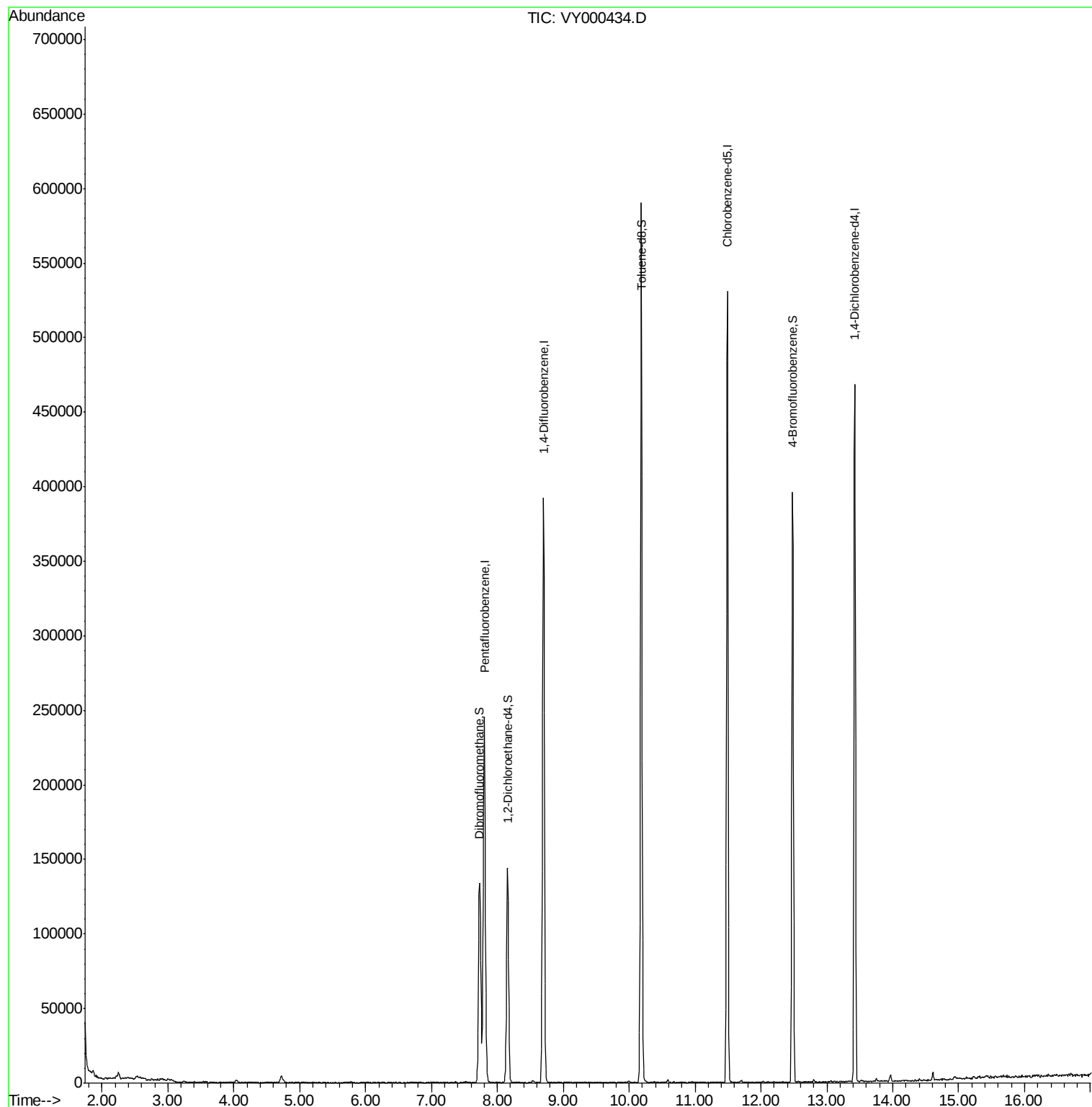
Target Compounds	Qvalue
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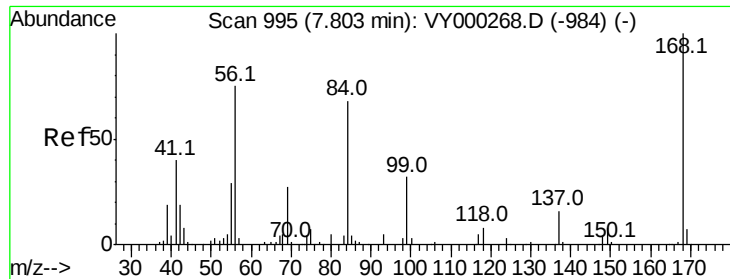
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000434.D

Acq: 25 Oct 2019 17:15

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MSVOA_Y

ClientSampleId :

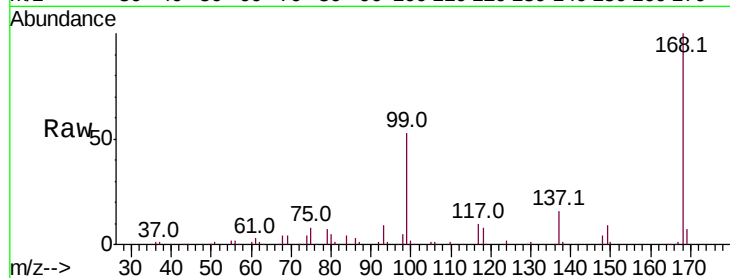
164-68-(1)

Tot Ion:168 Resp: 188466

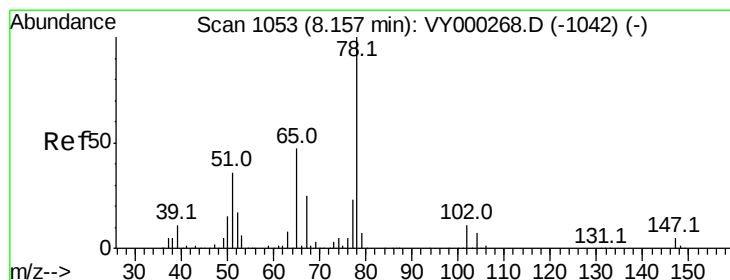
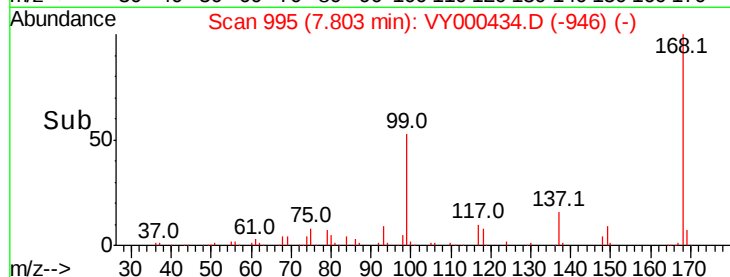
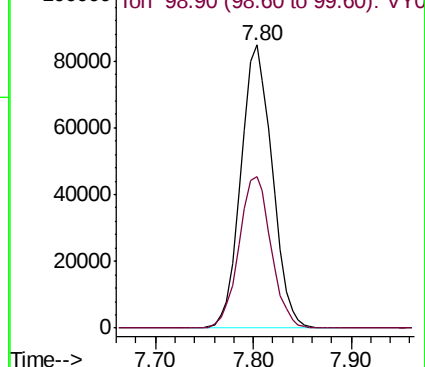
Ion Ratio Lower Upper

168 100

99 53.4 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000434.D (-946) (-)



#33

1,2-Dichloroethane-d4

Concen: 55.603 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY000434.D

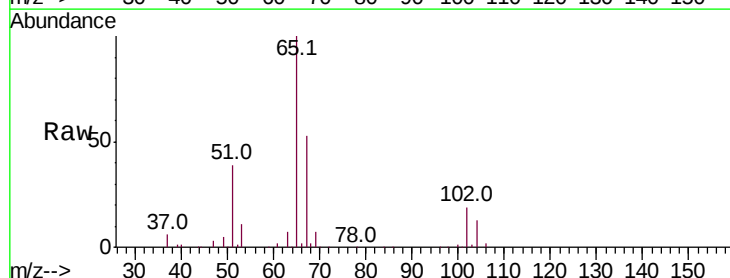
Acq: 25 Oct 2019 17:15

Tgt Ion: 65 Resp: 110539

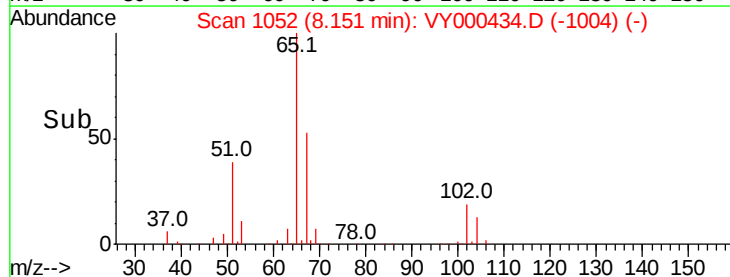
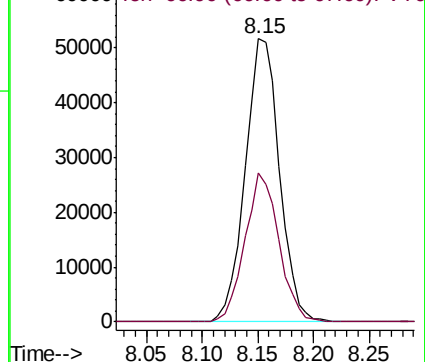
Ion Ratio Lower Upper

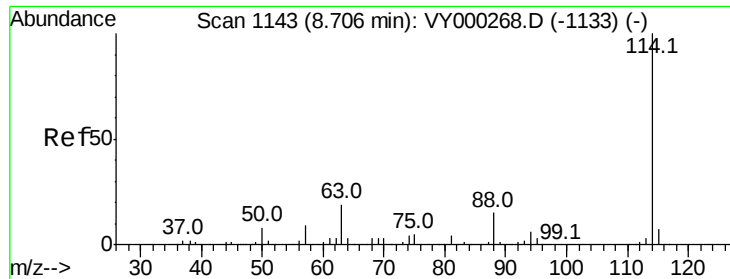
65 100

67 52.1 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VY000434.D (-1004) (-)

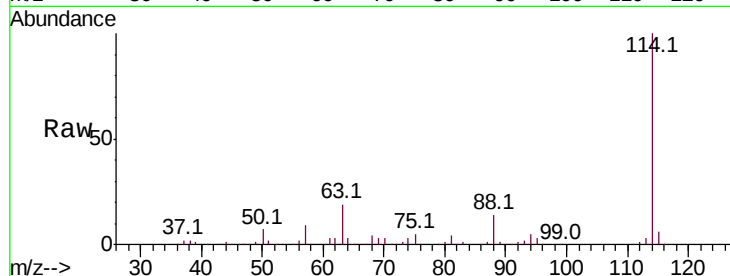




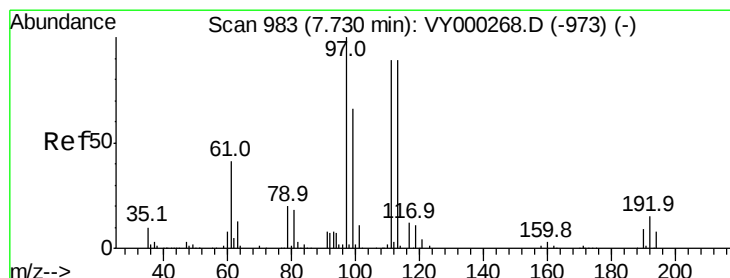
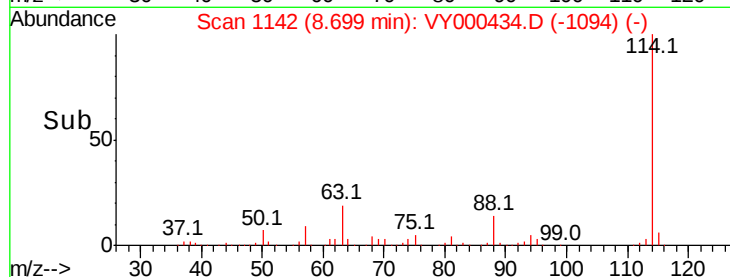
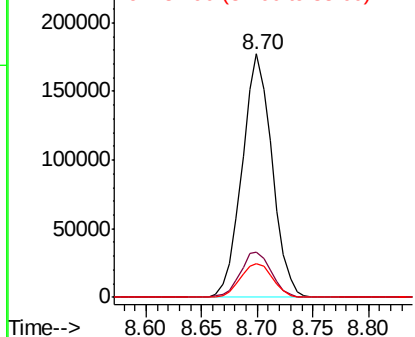
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000434.D
 Acq: 25 Oct 2019 17:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 164-68-(1)

Tot Ion:114	Resp:	331190
Ion Ratio	Lower	Upper
114	100	
63	18.6	0.0 37.2
88	13.7	0.0 30.2

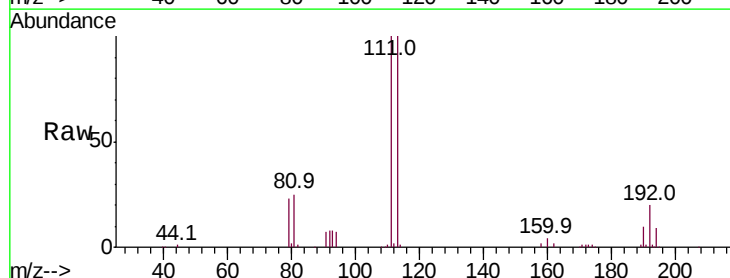


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

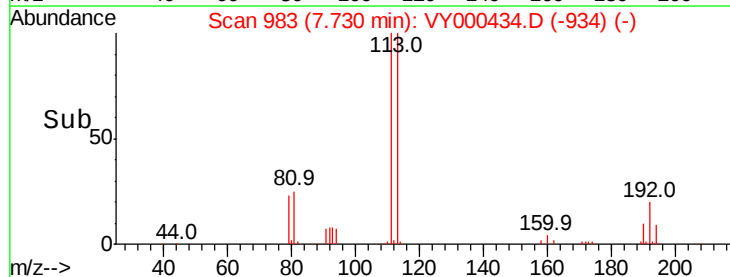
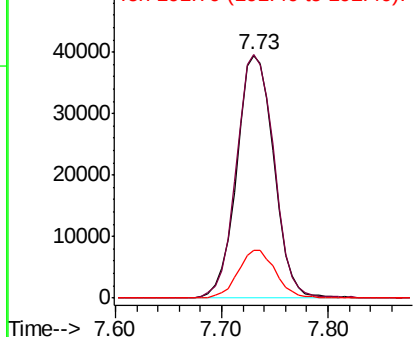


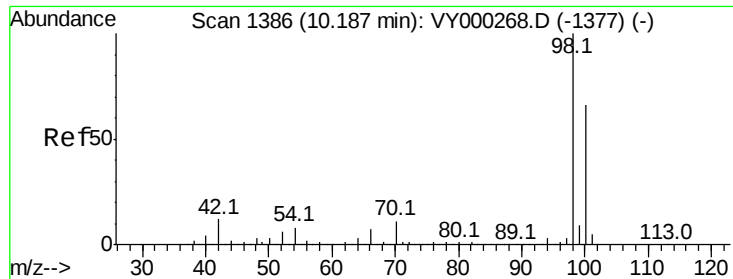
#35
 Dibromofluoromethane
 Concen: 48.284 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000434.D
 Acq: 25 Oct 2019 17:15

Tgt Ion:113	Resp:	96461
Ion Ratio	Lower	Upper
113	100	
111	101.6	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: 49.633 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY000434.D

Acq: 25 Oct 2019 17:15

Instrument :

MSVOA_Y

ClientSampleId :

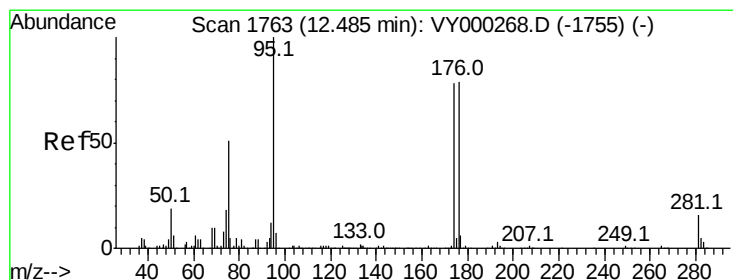
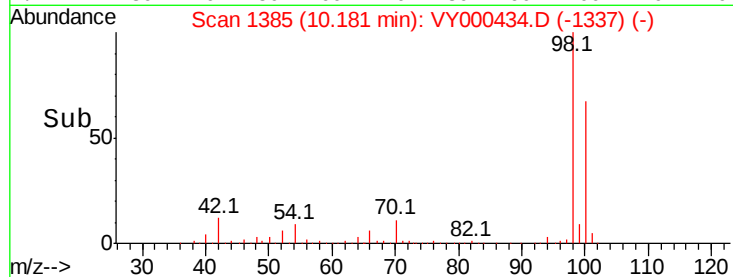
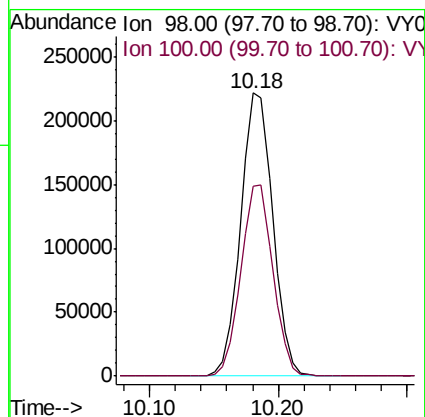
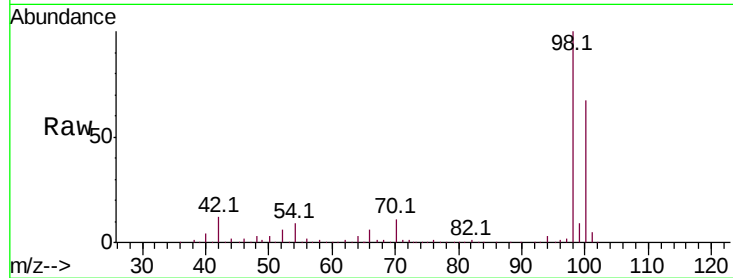
164-68-(1)

Tot Ion: 98 Resp: 381428

Ion Ratio Lower Upper

98 100

100 67.3 52.8 79.2



#62

4-Bromofluorobenzene

Concen: 40.922 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY000434.D

Acq: 25 Oct 2019 17:15

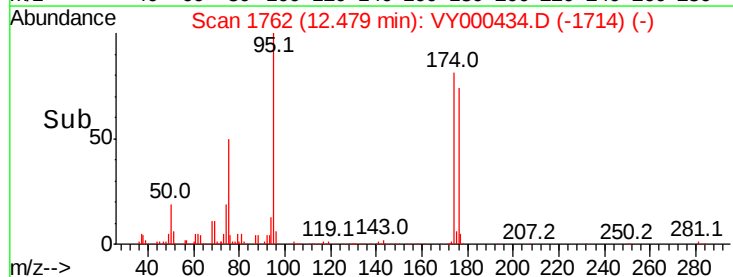
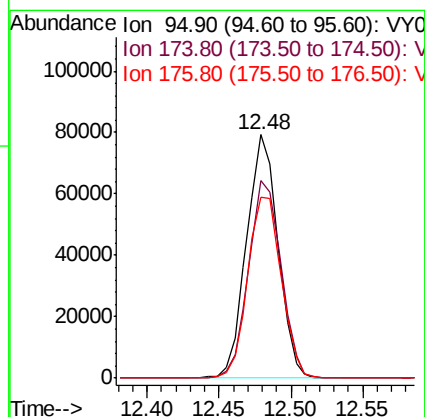
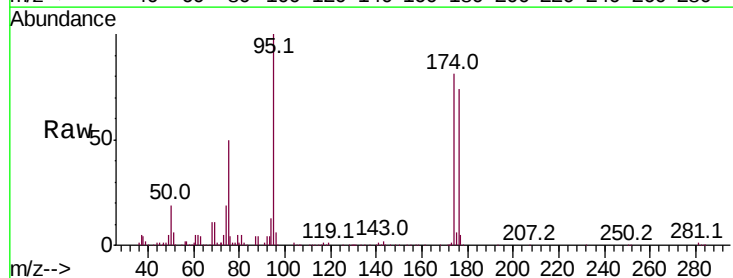
Tgt Ion: 95 Resp: 119475

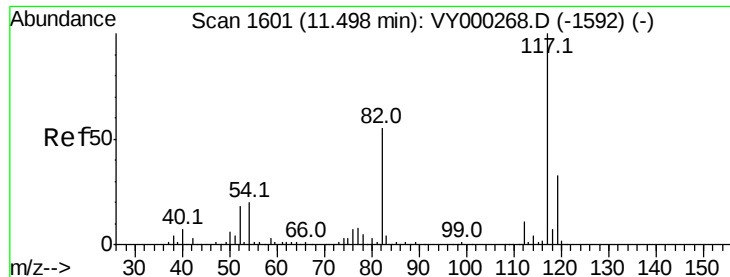
Ion Ratio Lower Upper

95 100

174 83.7 0.0 159.6

176 79.6 0.0 153.8

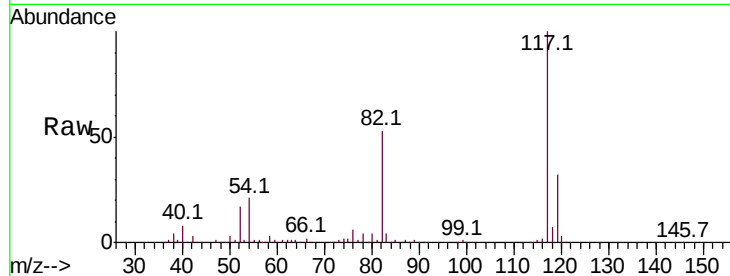




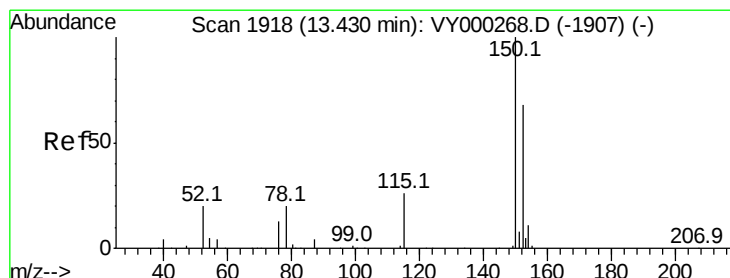
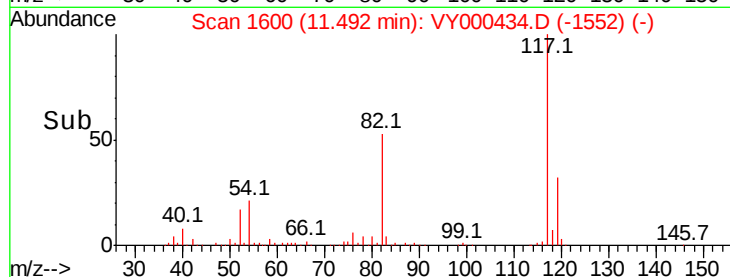
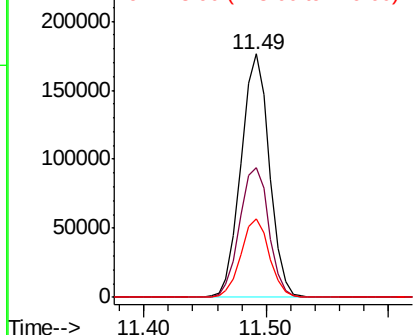
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000434.D
Acq: 25 Oct 2019 17:15

Instrument :
MSVOA_Y
ClientSampleId :
164-68-(1)

Tot Ion:117 Resp: 283173
Ion Ratio Lower Upper
117 100
82 53.5 43.7 65.5
119 32.1 26.6 39.8

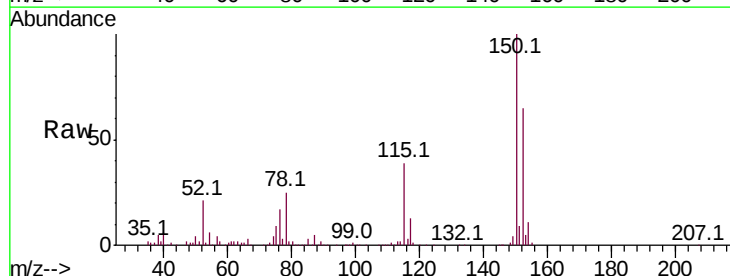


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000434.D
Acq: 25 Oct 2019 17:15

Tgt Ion:152 Resp: 117296
Ion Ratio Lower Upper
152 100
115 58.7 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

