

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY102219\
 Data File : VY000364.D
 Acq On : 22 Oct 2019 14:51
 Operator : SY/MD
 Sample : K5480-02
 Misc : 5.08G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-1A

Quant Time: Oct 31 04:24:03 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	197364	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	318603	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	271746	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	123998	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	110374	53.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.04%	
35) Dibromofluoromethane	7.74	113	91538	47.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.26%	
50) Toluene-d8	10.18	98	363430	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	
62) 4-Bromofluorobenzene	12.48	95	121655	43.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.62%	

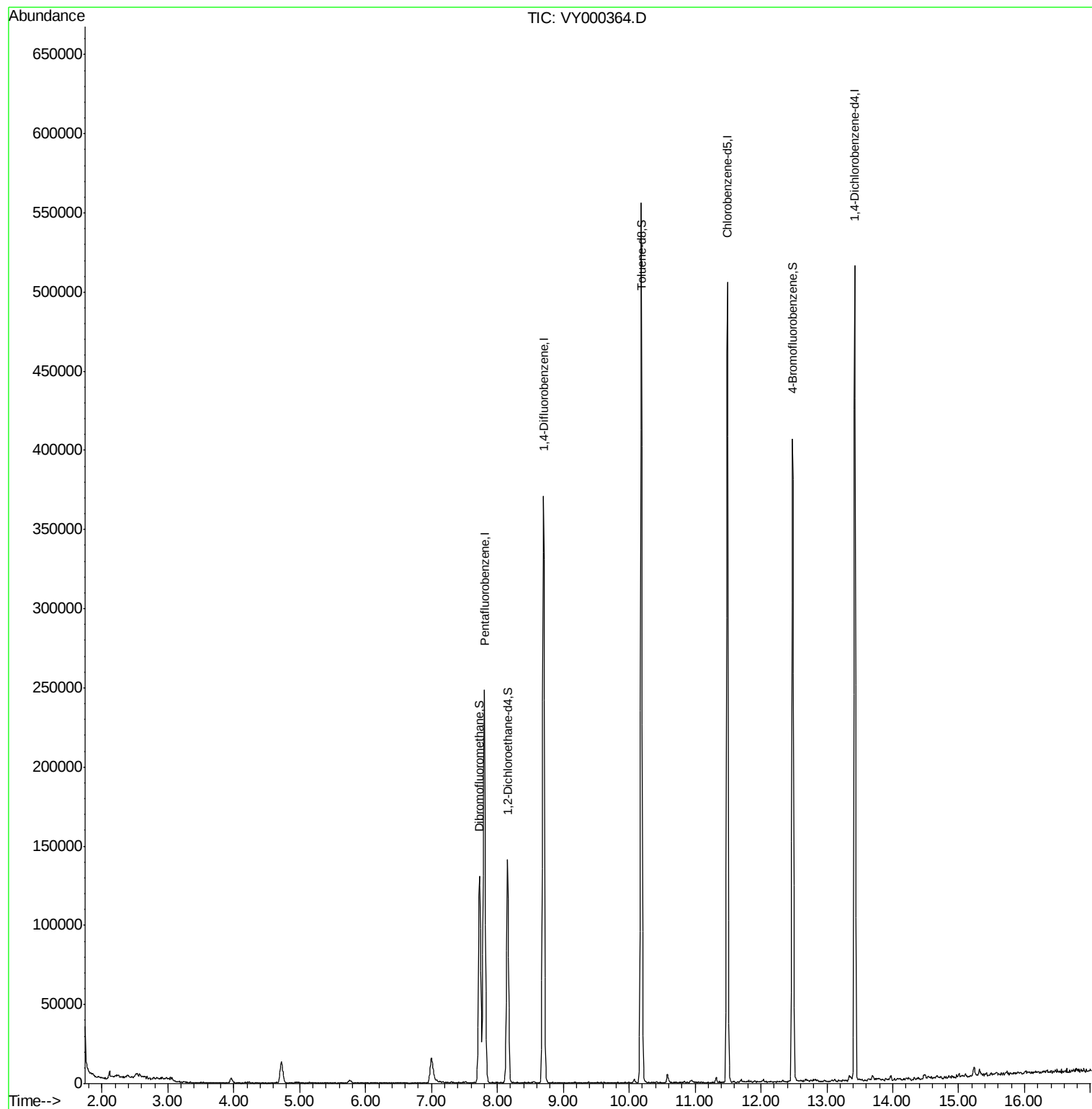
Target Compounds	Qvalue
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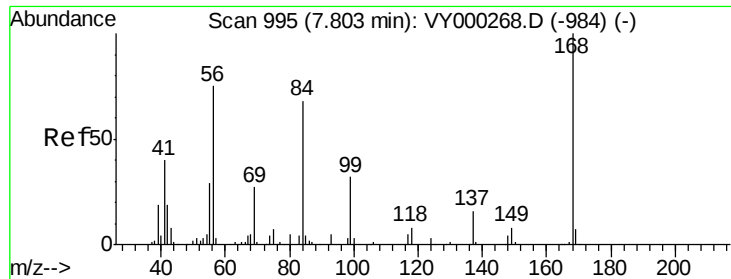
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY000364.D

Acq: 22 Oct 2019 14:51

Instrument :

MSVOA_Y

ClientSampleId :

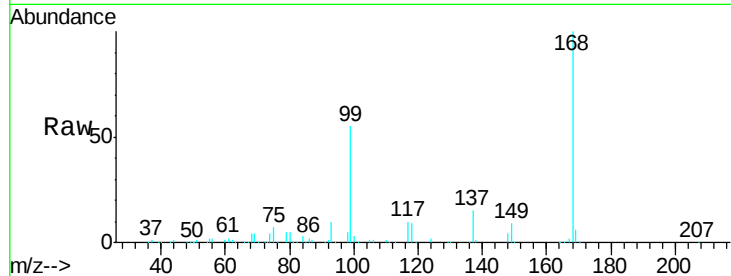
B-1A

Tgt Ion:168 Resp: 197364

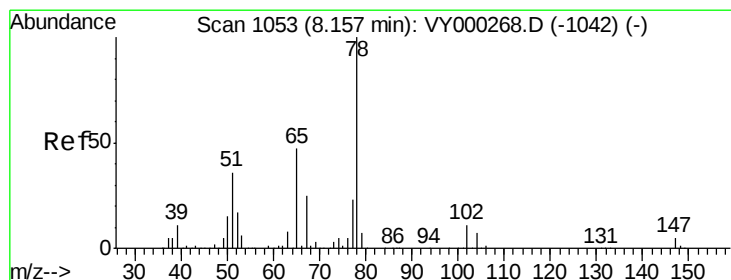
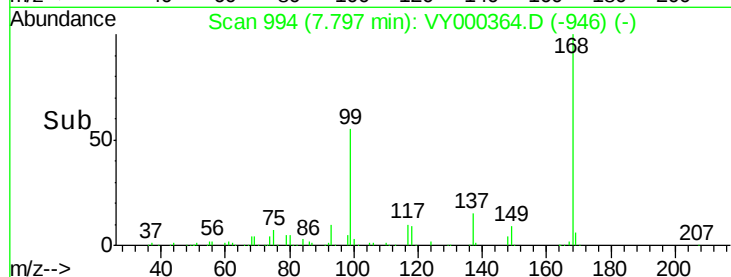
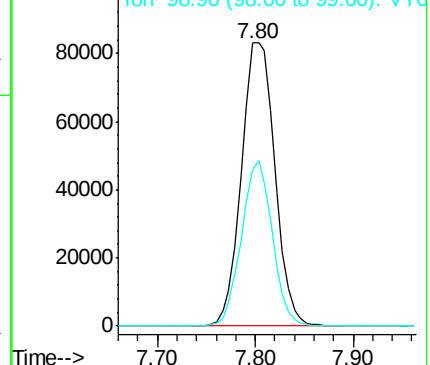
Ion Ratio Lower Upper

168 100

99 55.4 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000268.D (-984) (-)



#33

1,2-Dichloroethane-d4

Concen: 53.016 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VY000364.D

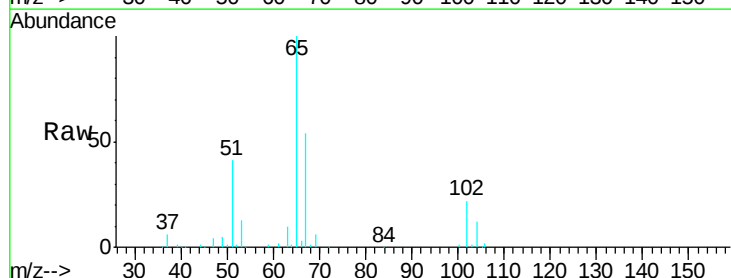
Acq: 22 Oct 2019 14:51

Tgt Ion: 65 Resp: 110374

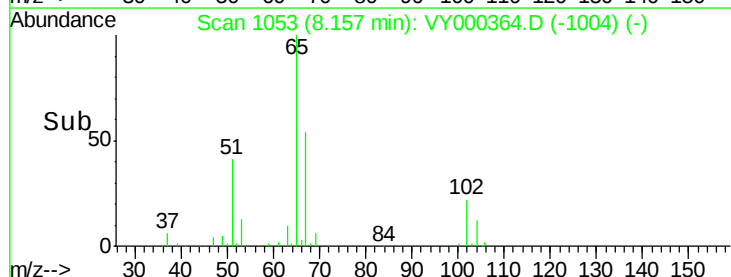
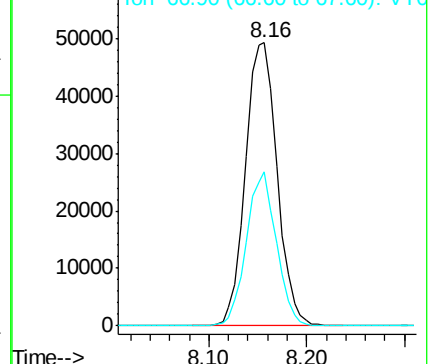
Ion Ratio Lower Upper

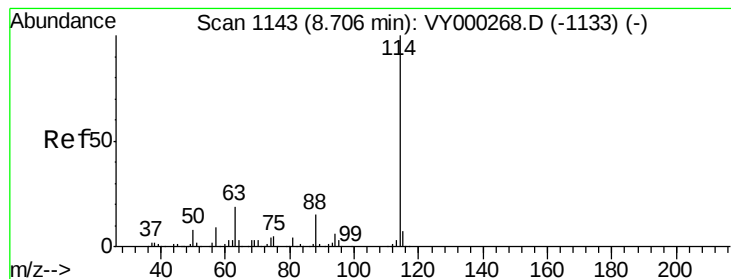
65 100

67 51.2 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VY000268.D (-1042) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY000364.D

Acq: 22 Oct 2019 14:51

Instrument :

MSVOA_Y

ClientSampleId :

B-1A

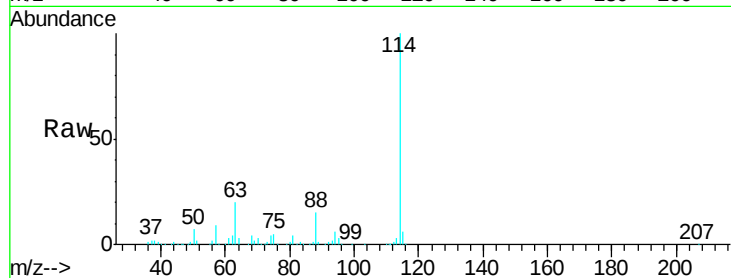
Tgt Ion:114 Resp: 318603

Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.2

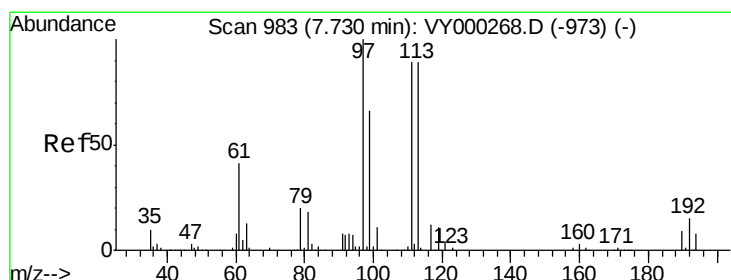
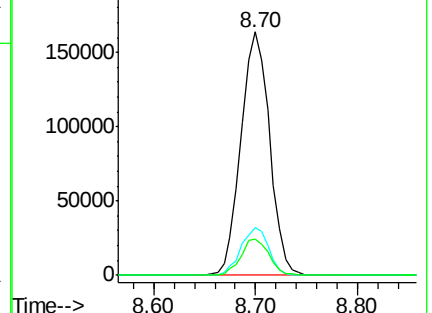
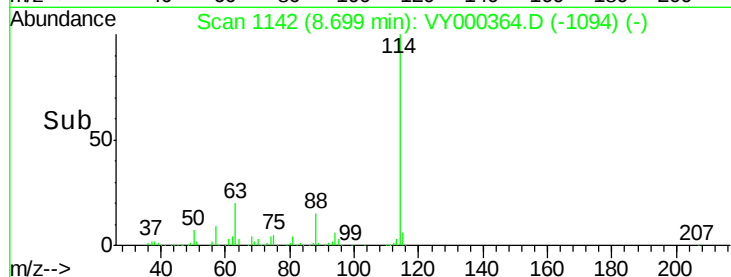
88 14.9 0.0 30.2



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: 47.630 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.01 min

Lab File: VY000364.D

Acq: 22 Oct 2019 14:51

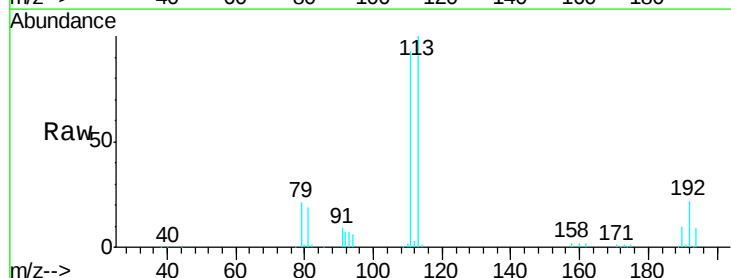
Tgt Ion:113 Resp: 91538

Ion Ratio Lower Upper

113 100

111 103.2 81.6 122.4

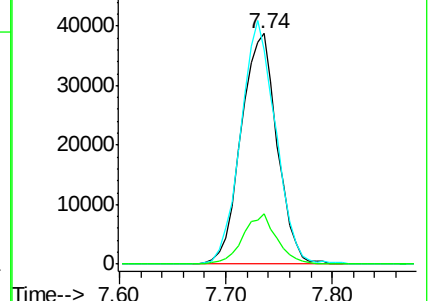
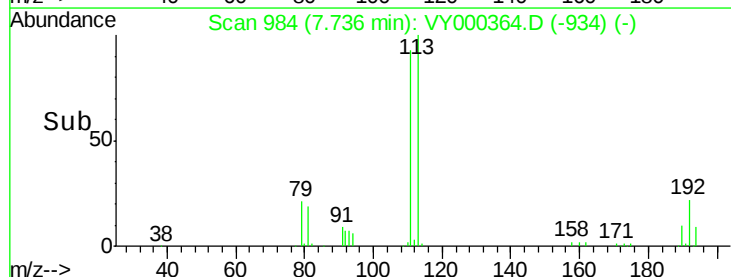
192 20.5 15.3 22.9

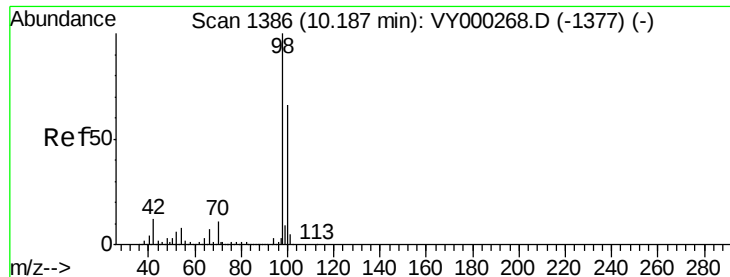


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.160 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY000364.D

Acq: 22 Oct 2019 14:51

Instrument :

MSVOA_Y

ClientSampleId :

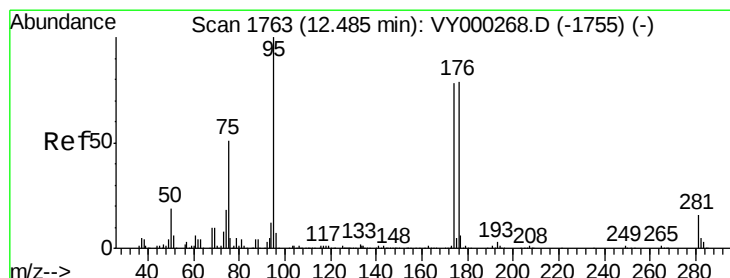
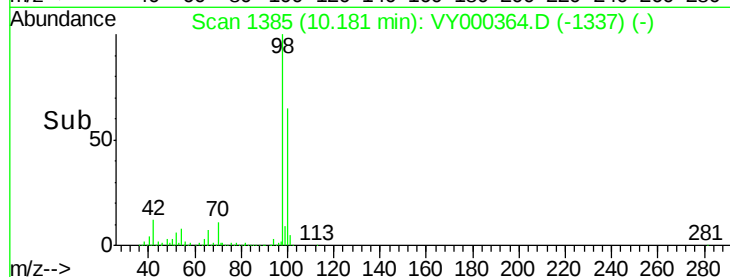
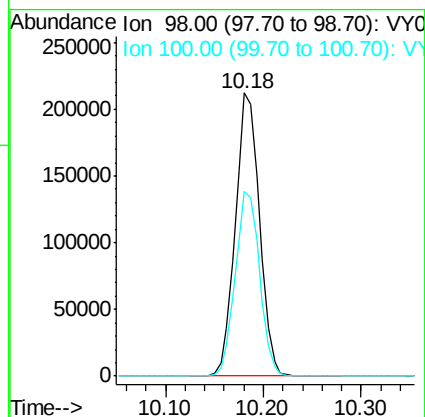
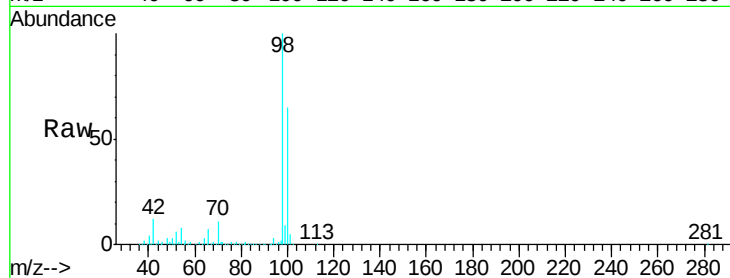
B-1A

Tgt Ion: 98 Resp: 363430

Ion Ratio Lower Upper

98 100

100 65.9 52.8 79.2



#62

4-Bromofluorobenzene

Concen: 43.315 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY000364.D

Acq: 22 Oct 2019 14:51

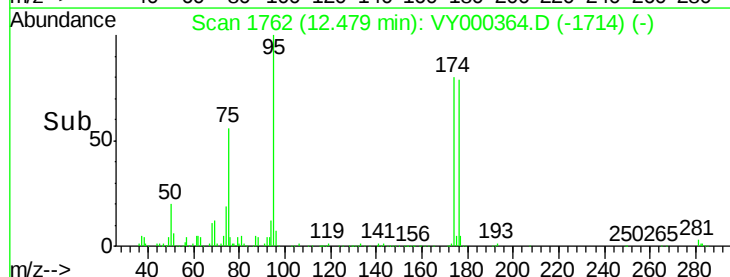
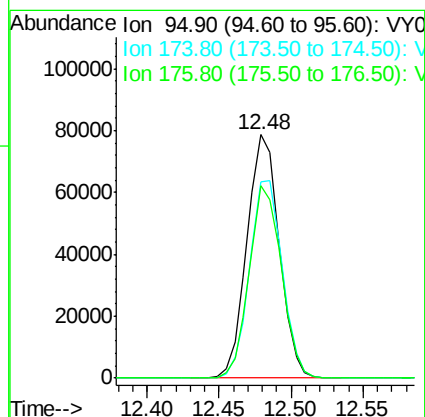
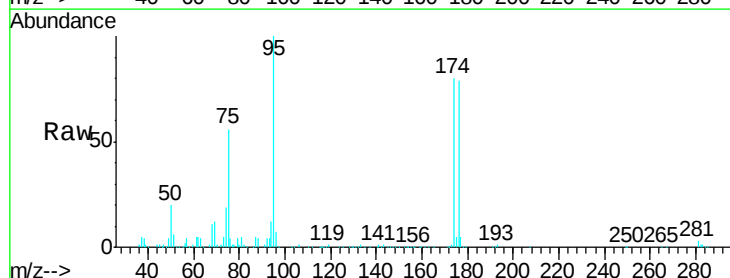
Tgt Ion: 95 Resp: 121655

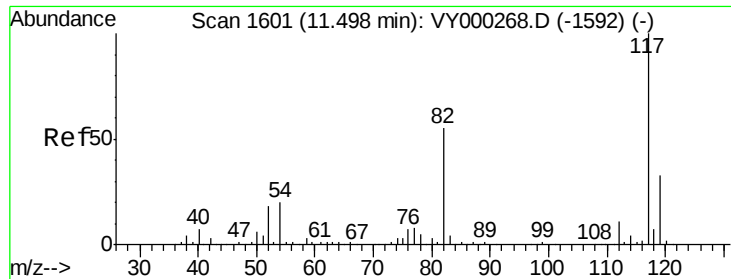
Ion Ratio Lower Upper

95 100

174 82.2 0.0 159.6

176 78.9 0.0 153.8

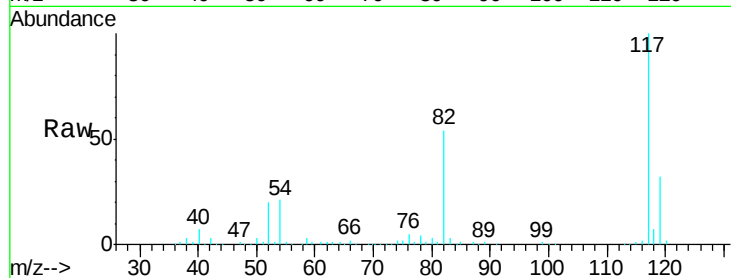




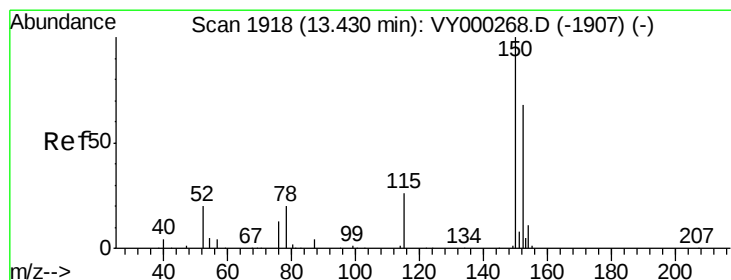
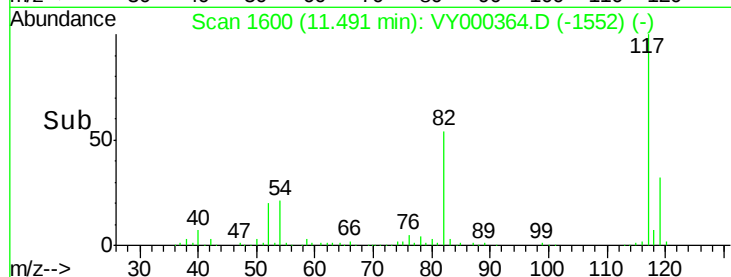
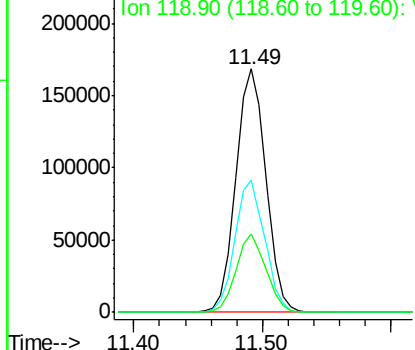
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000364.D
Acq: 22 Oct 2019 14:51

Instrument :
MSVOA_Y
ClientSampled :
B-1A

Tgt Ion:117 Resp: 271746
Ion Ratio Lower Upper
117 100
82 54.2 43.7 65.5
119 32.5 26.6 39.8

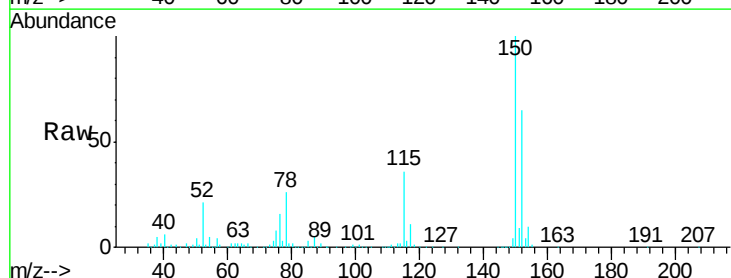


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000364.D
Acq: 22 Oct 2019 14:51

Tgt Ion:152 Resp: 123998
Ion Ratio Lower Upper
152 100
115 57.9 29.3 88.0
150 156.4 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

