

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102919\
 Data File : VY000468.D
 Acq On : 29 Oct 2019 12:46
 Operator : SY/MD
 Sample : K5587-02
 Misc : 6.15G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CSA-2-1-9-4

Quant Time: Oct 30 07:07:38 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	200613	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	345329	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	305369	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	137160	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	112889	53.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.70%	
35) Dibromofluoromethane	7.73	113	104180	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	
50) Toluene-d8	10.18	98	398614	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
62) 4-Bromofluorobenzene	12.48	95	130038	42.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.44%	

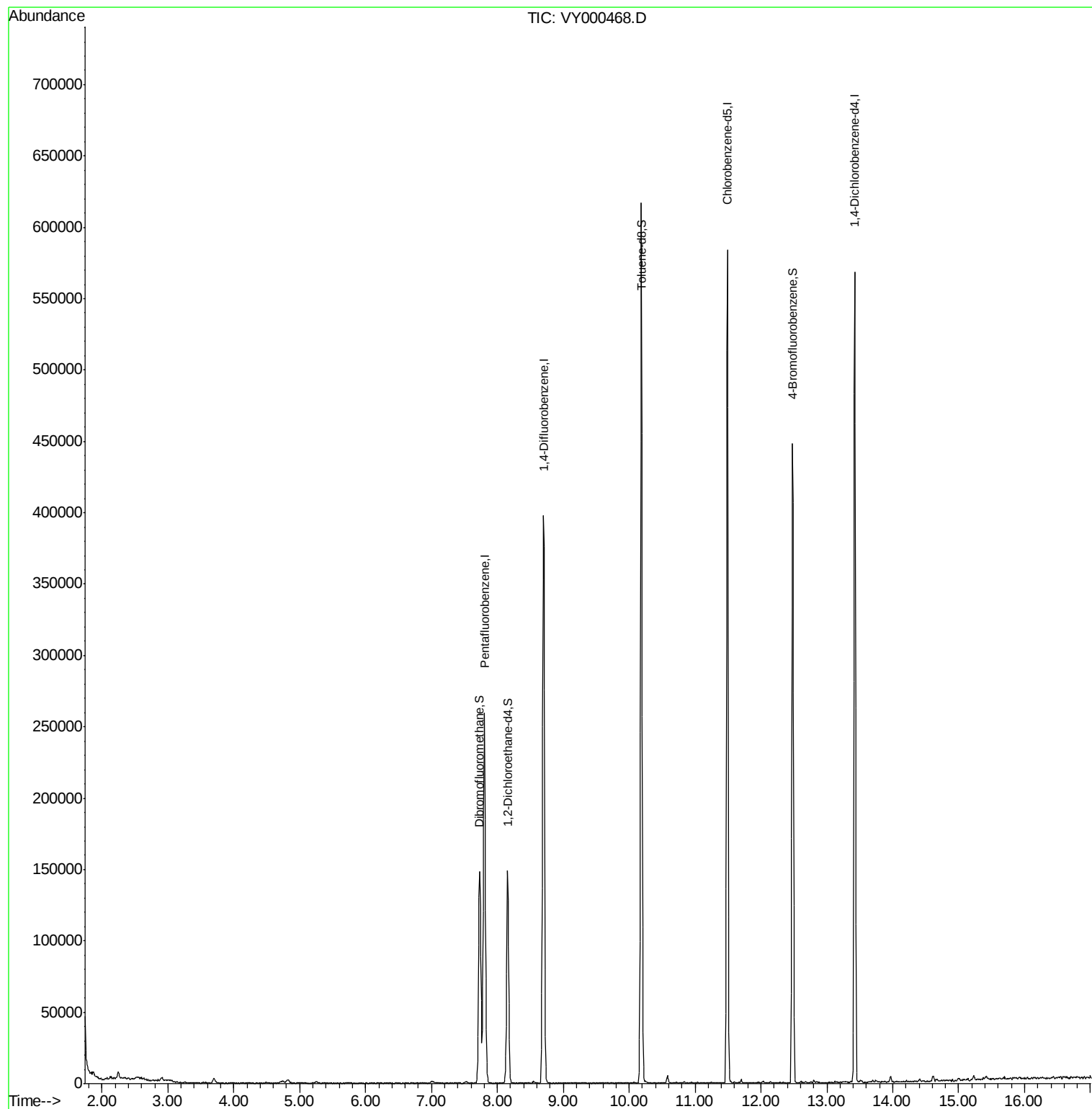
Target Compounds	Qvalue
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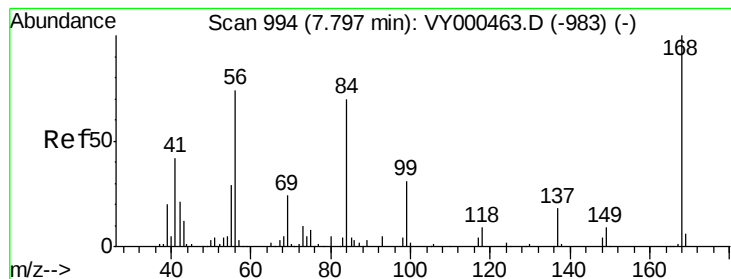
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY000468.D

Acq: 29 Oct 2019 12:46

Instrument :

MSVOA_Y

ClientSampleId :

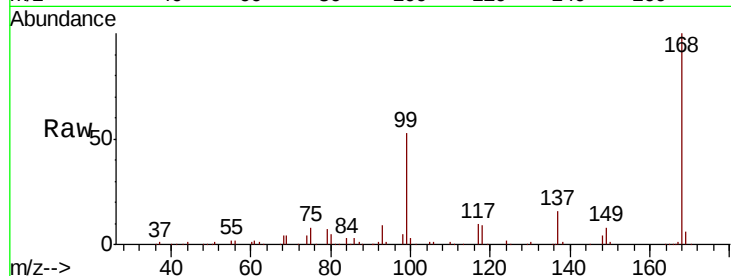
CSA-2-1-9-4

Tot Ion:168 Resp: 200613

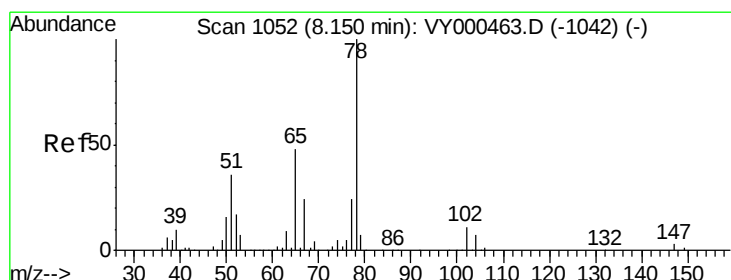
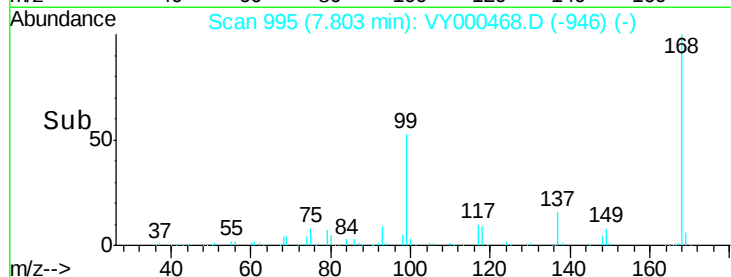
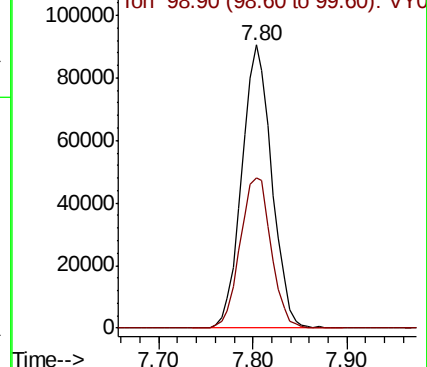
Ion Ratio Lower Upper

168 100

99 53.0 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000468.D (-946) (-)



#33

1,2-Dichloroethane-d4

Concen: 53.346 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VY000468.D

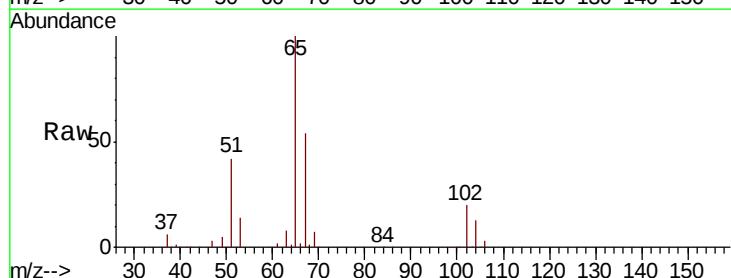
Acq: 29 Oct 2019 12:46

Tgt Ion: 65 Resp: 112889

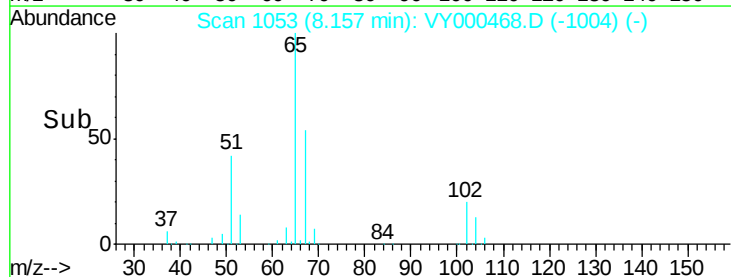
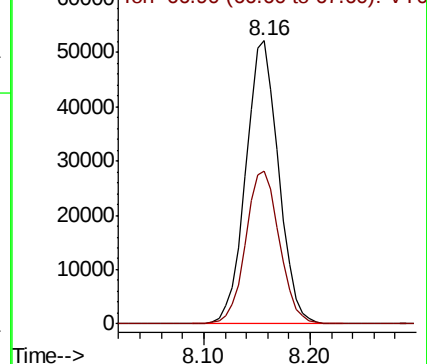
Ion Ratio Lower Upper

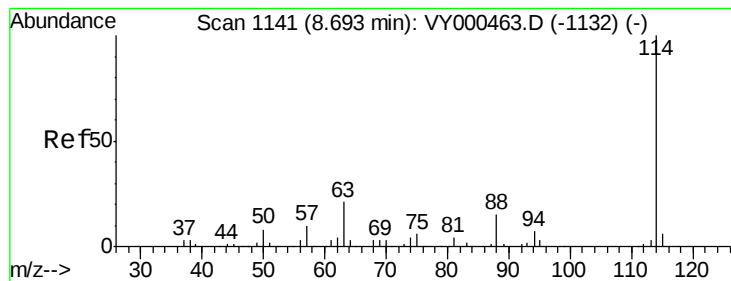
65 100

67 55.7 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VY000468.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: VY000468.D

Acq: 29 Oct 2019 12:46

Instrument :

MSVOA_Y

ClientSampleId :

CSA-2-1-9-4

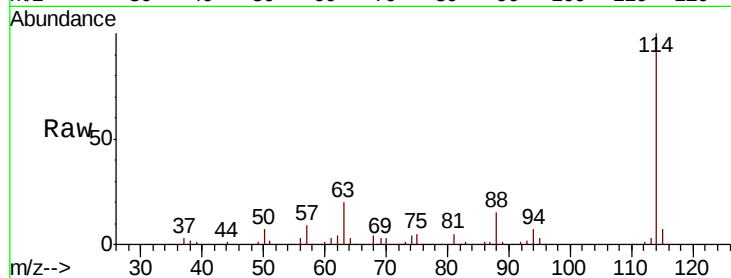
Tot Ion:114 Resp: 345329

Ion Ratio Lower Upper

114 100

63 19.8 0.0 37.2

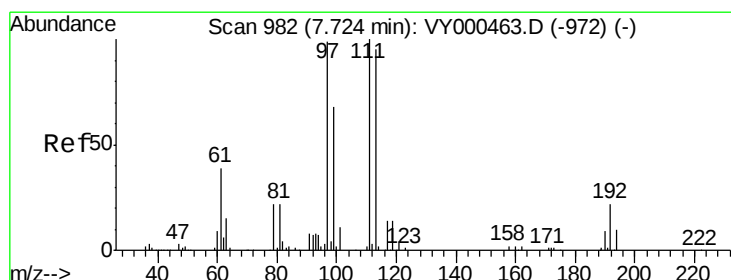
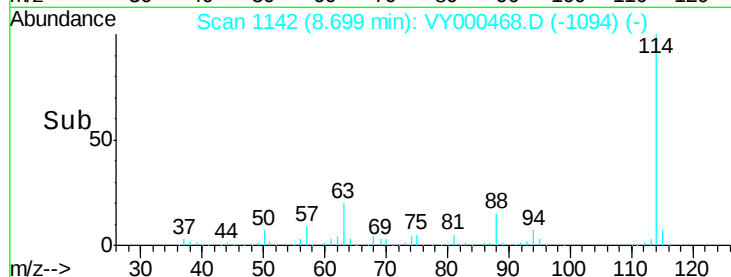
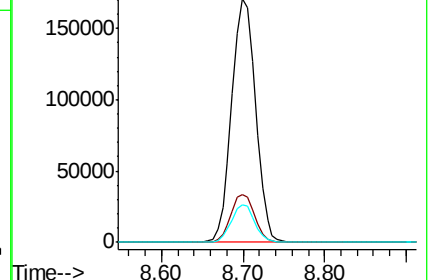
88 15.4 0.0 30.2



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: 50.013 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000468.D

Acq: 29 Oct 2019 12:46

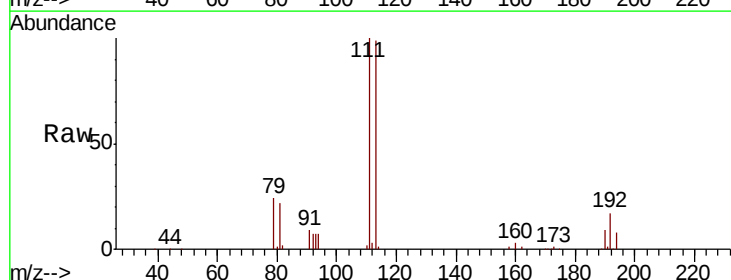
Tgt Ion:113 Resp: 104180

Ion Ratio Lower Upper

113 100

111 103.0 81.6 122.4

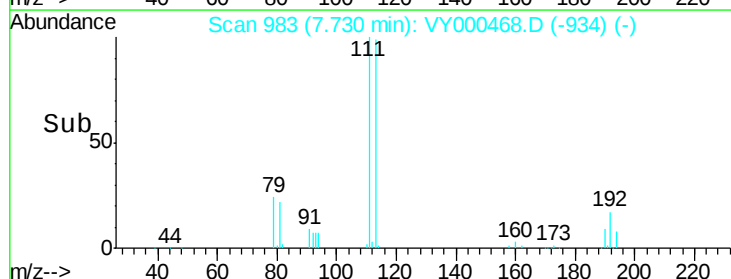
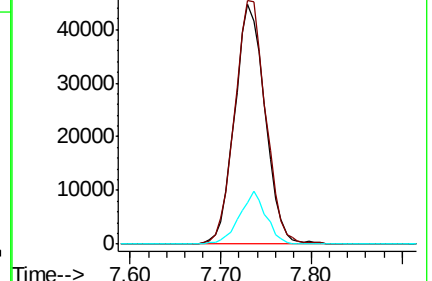
192 19.3 15.3 22.9

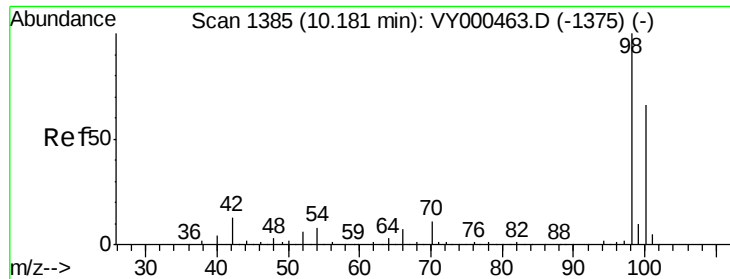


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.746 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY000468.D

Acq: 29 Oct 2019 12:46

Instrument :

MSVOA_Y

ClientSampled :

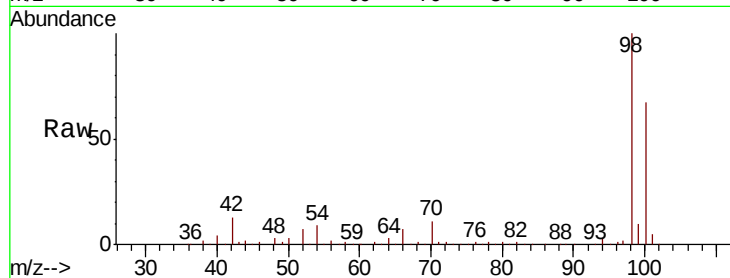
CSA-2-1-9-4

Tot Ion: 98 Resp: 398614

Ion Ratio Lower Upper

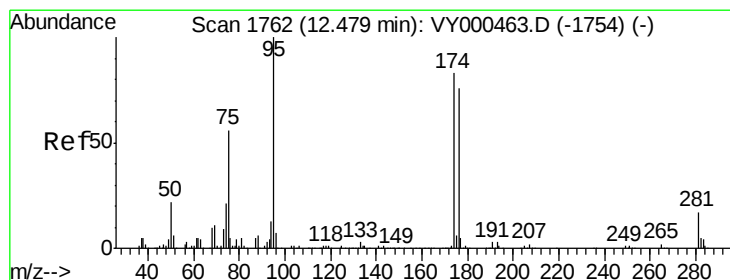
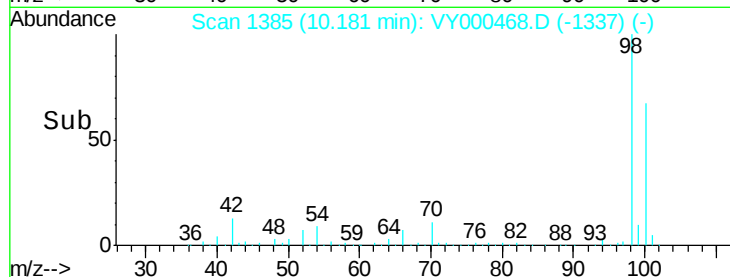
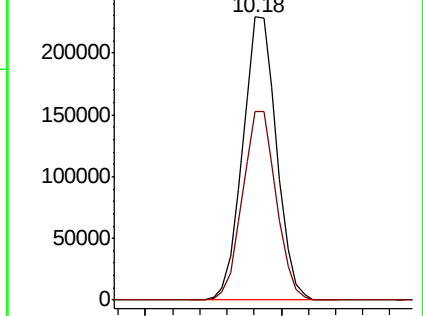
98 100

100 66.6 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



#62

4-Bromofluorobenzene

Concen: 42.716 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY000468.D

Acq: 29 Oct 2019 12:46

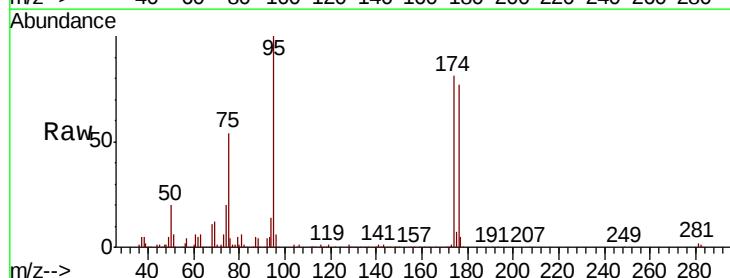
Tgt Ion: 95 Resp: 130038

Ion Ratio Lower Upper

95 100

174 85.2 0.0 159.6

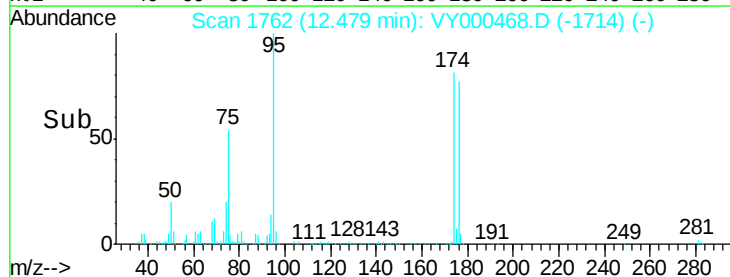
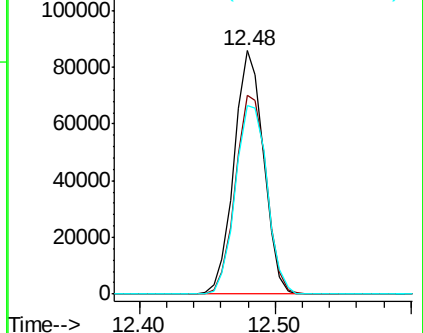
176 83.4 0.0 153.8

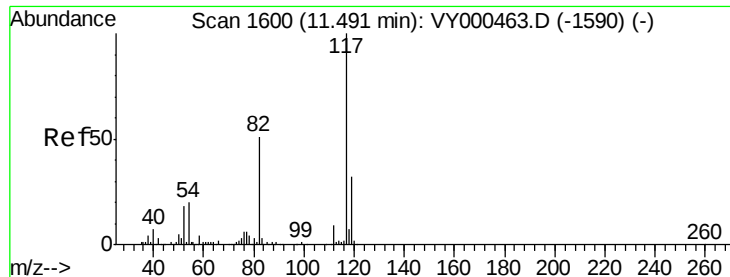


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

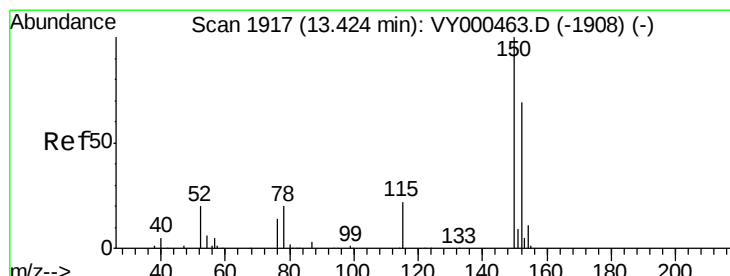
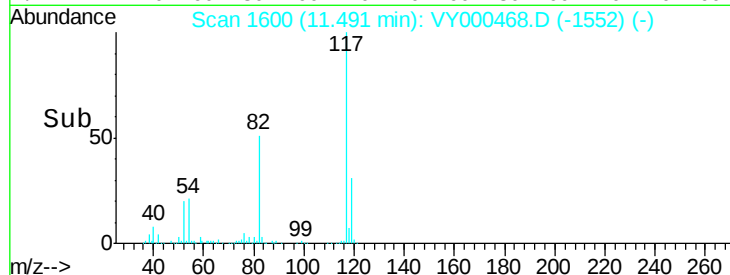
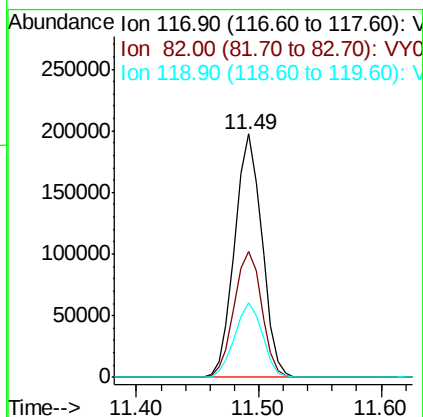
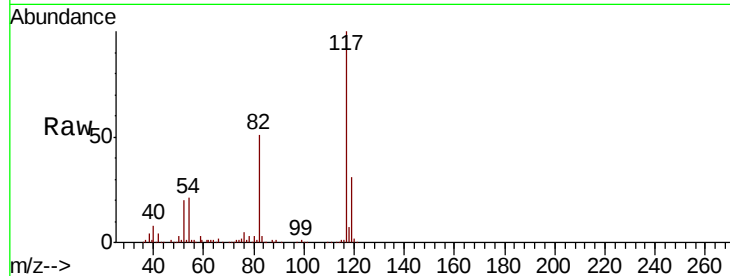




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000468.D
Acq: 29 Oct 2019 12:46

Instrument :
MSVOA_Y
ClientSampleId :
CSA-2-1-9-4

Tot Ion:117 Resp: 305369
Ion Ratio Lower Upper
117 100
82 51.5 43.7 65.5
119 30.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000468.D
Acq: 29 Oct 2019 12:46

Tgt Ion:152 Resp: 137160
Ion Ratio Lower Upper
152 100
115 57.7 29.3 88.0
150 154.9 0.0 348.4

