

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102219\
 Data File : VY000368.D
 Acq On : 22 Oct 2019 16:53
 Operator : SY/MD
 Sample : K5494-01
 Misc : 6.39G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP1-2FT

Quant Time: Oct 23 08:39:52 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	38437	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	57154	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	41877	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	17483	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	17773	43.84	ug/l	0.00
Spiked Amount			Recovery	=	87.68%	
35) Dibromofluoromethane	7.74	113	14252	41.34	ug/l	0.00
Spiked Amount			Recovery	=	82.68%	
50) Toluene-d8	10.19	98	61147	46.11	ug/l	0.00
Spiked Amount			Recovery	=	92.22%	
62) 4-Bromofluorobenzene	12.49	95	17363	34.46	ug/l	0.00
Spiked Amount			Recovery	=	68.92%	

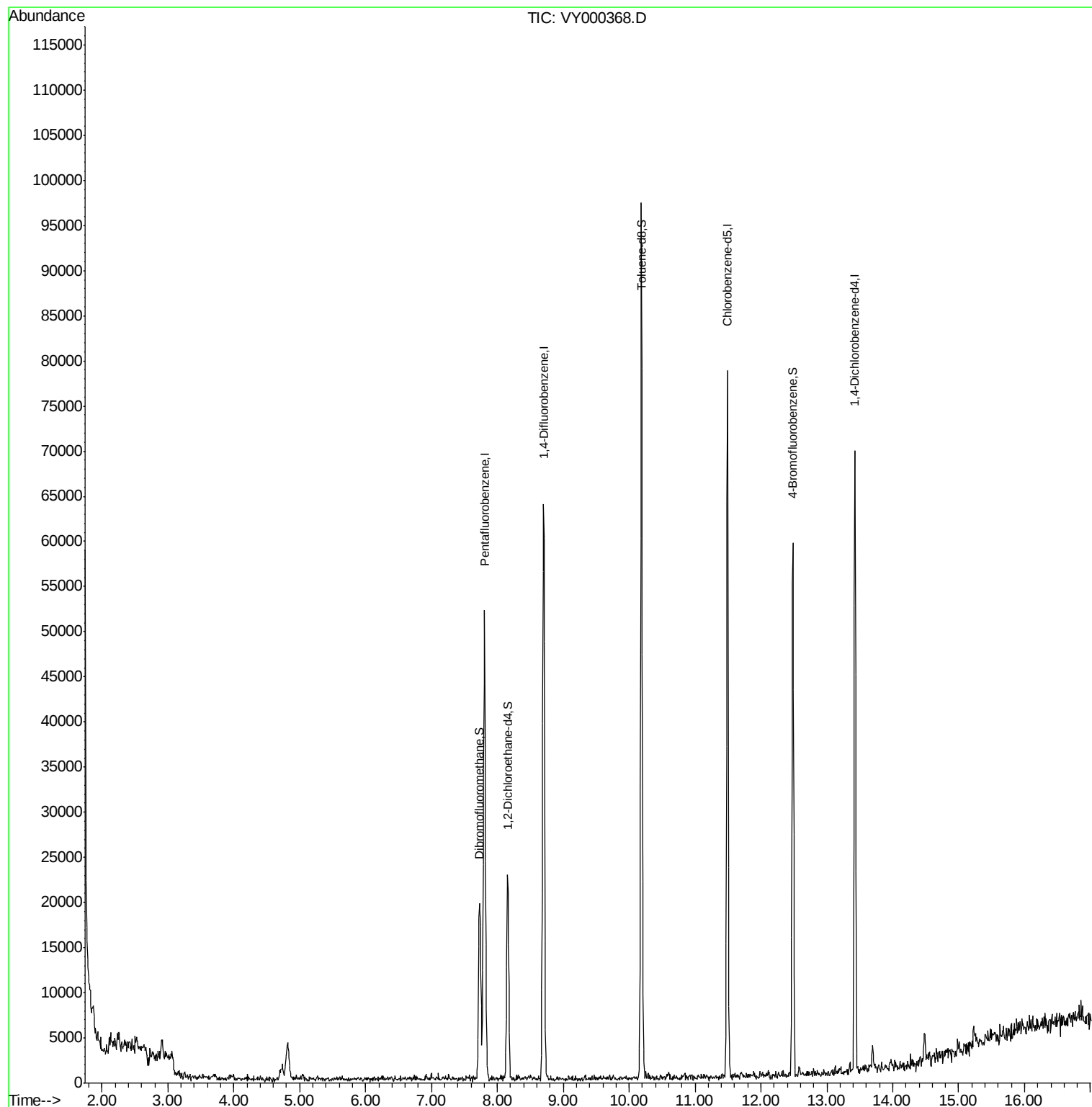
Target Compounds	Qvalue
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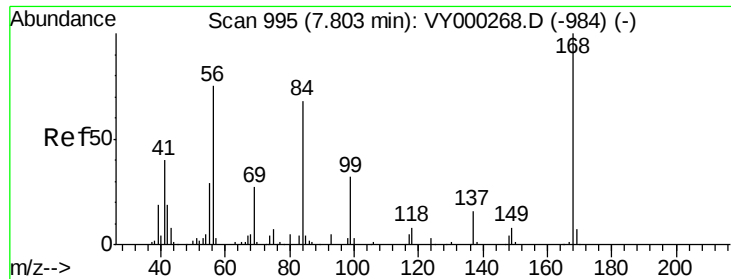
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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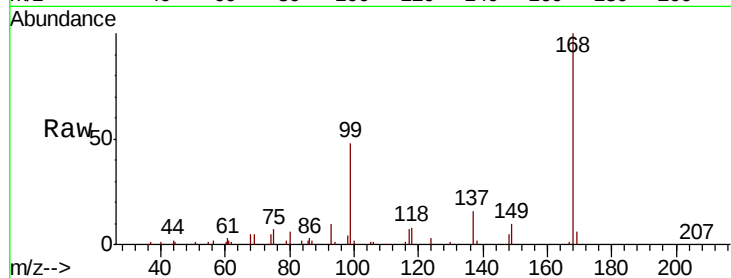




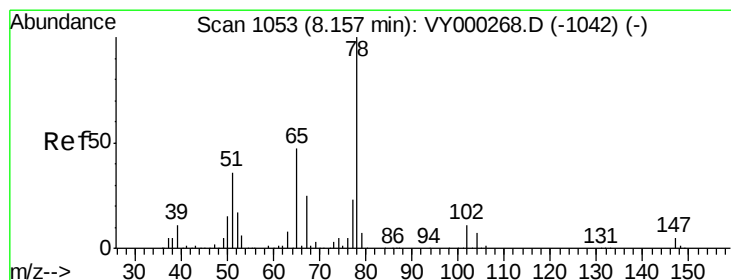
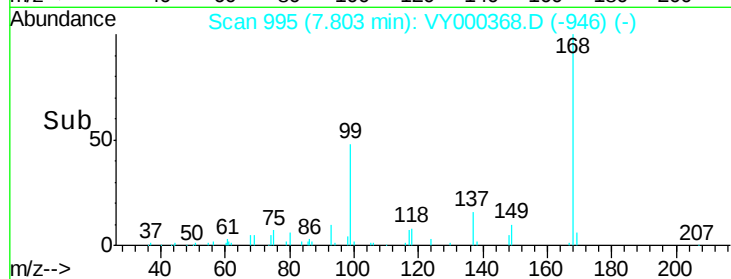
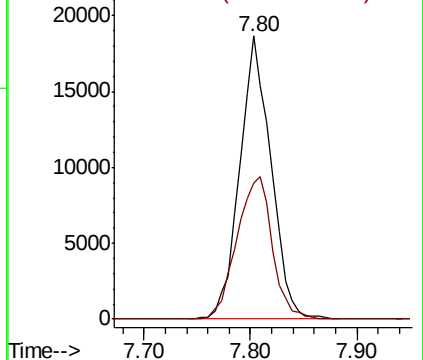
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.00 min
Lab File: VY000368.D
Acq: 22 Oct 2019 16:53

Instrument :
MSVOA_Y
ClientSampled :
TP1-2FT

Tot Ion:168 Resp: 38437
Ion Ratio Lower Upper
168 100
99 48.0 46.6 69.8

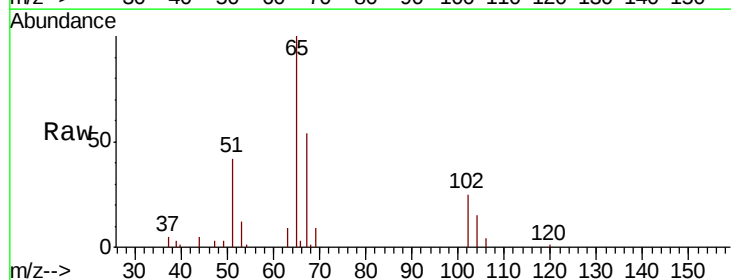


Abundance Ion 167.90 (167.60 to 168.60): VY000368.D (-984) (-)
Ion 98.90 (98.60 to 99.60): VY000368.D (-984) (-)

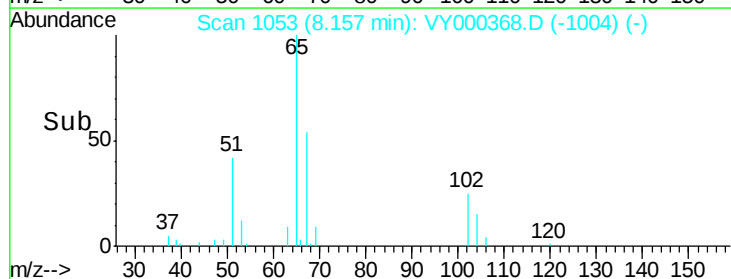
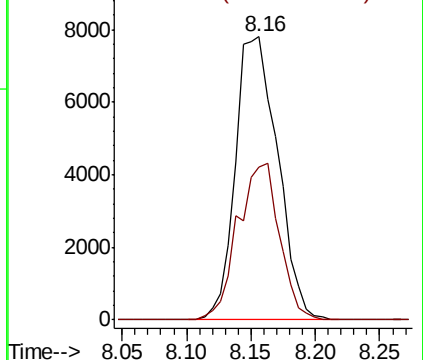


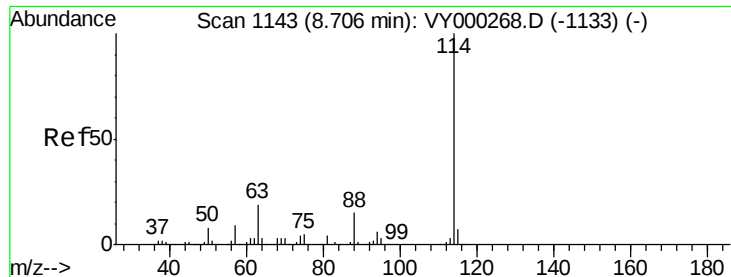
#33
1,2-Dichloroethane-d4
Concen: 43.835 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VY000368.D
Acq: 22 Oct 2019 16:53

Tgt Ion: 65 Resp: 17773
Ion Ratio Lower Upper
65 100
67 54.2 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VY000368.D (-1042) (-)
Ion 66.90 (66.60 to 67.60): VY000368.D (-1042) (-)

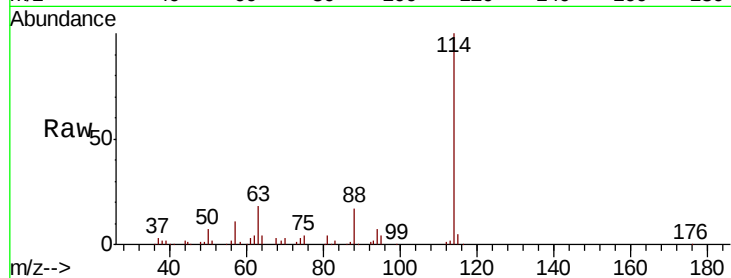




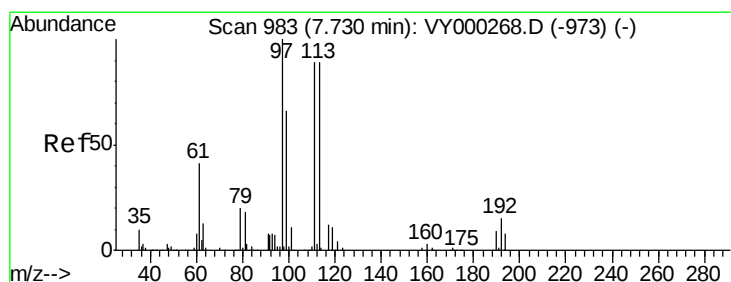
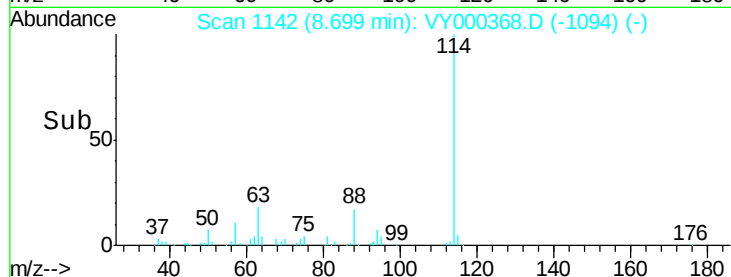
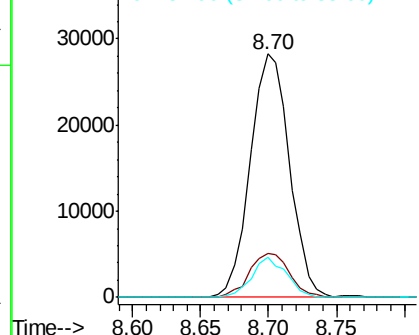
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000368.D
 Acq: 22 Oct 2019 16:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP1-2FT

Tot Ion:114 Resp: 57154
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 37.2
 88 16.6 0.0 30.2

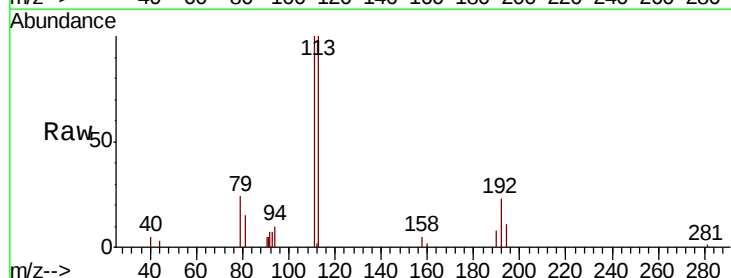


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

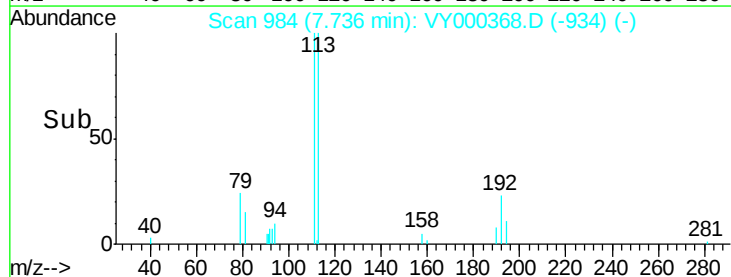
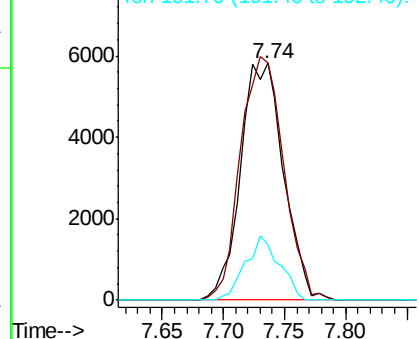


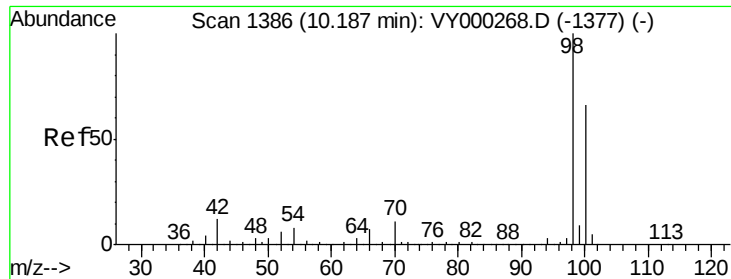
#35
 Dibromofluoromethane
 Concen: 41.339 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. 0.01 min
 Lab File: VY000368.D
 Acq: 22 Oct 2019 16:53

Tgt Ion:113 Resp: 14252
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.6 122.4
 192 21.2 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: 46.107 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY000368.D

Acq: 22 Oct 2019 16:53

Instrument :

MSVOA_Y

ClientSampleId :

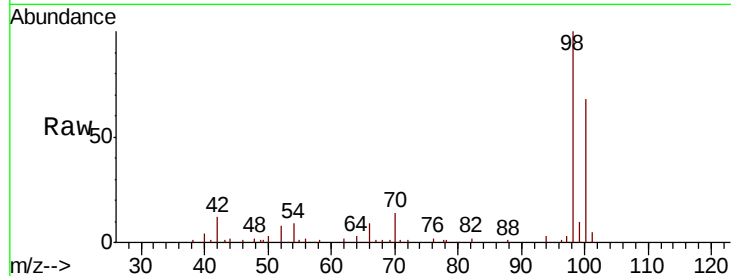
TP1-2FT

Tot Ion: 98 Resp: 61147

Ion Ratio Lower Upper

98 100

100 66.5 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

10.19

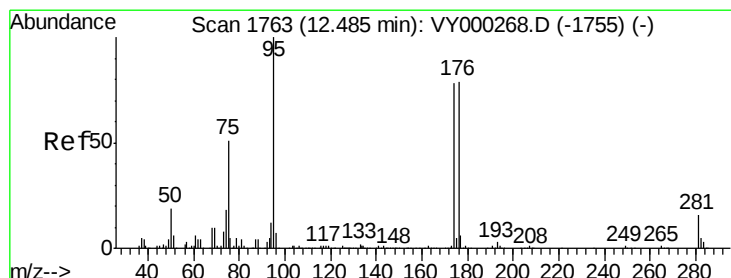
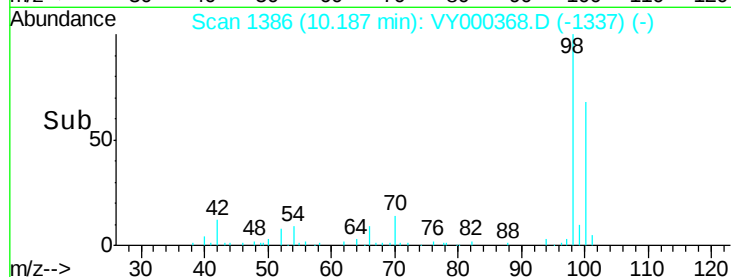
30000

20000

10000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 34.462 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VY000368.D

Acq: 22 Oct 2019 16:53

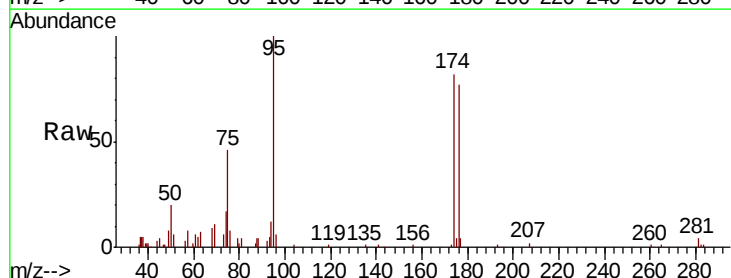
Tgt Ion: 95 Resp: 17363

Ion Ratio Lower Upper

95 100

174 82.0 0.0 159.6

176 77.7 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

12.49

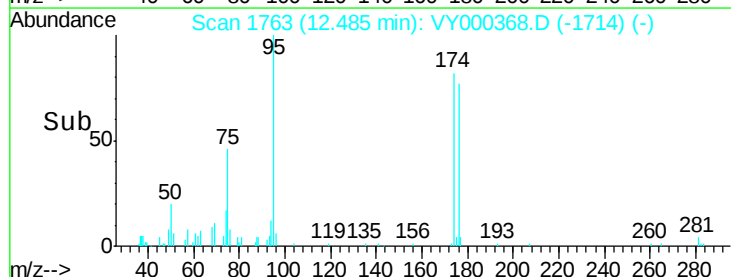
15000

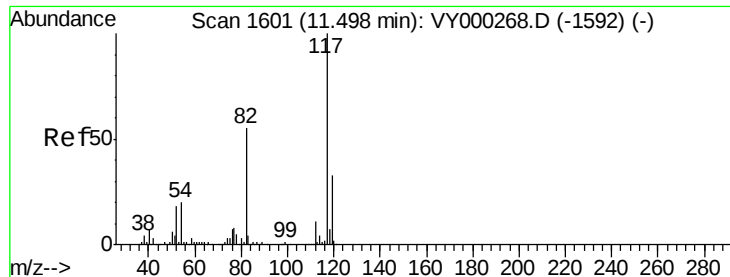
10000

5000

0

Time-->

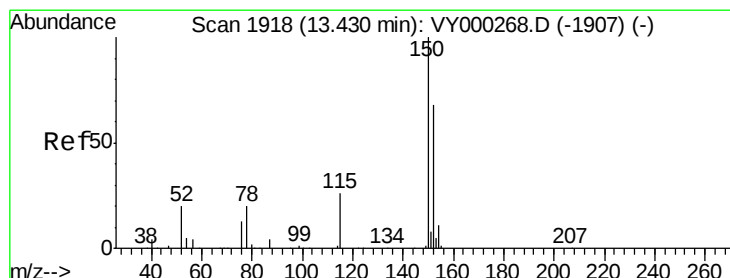
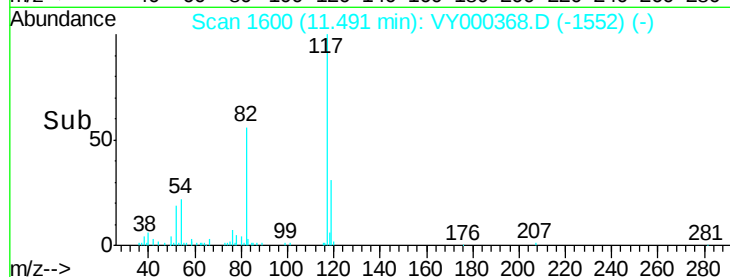
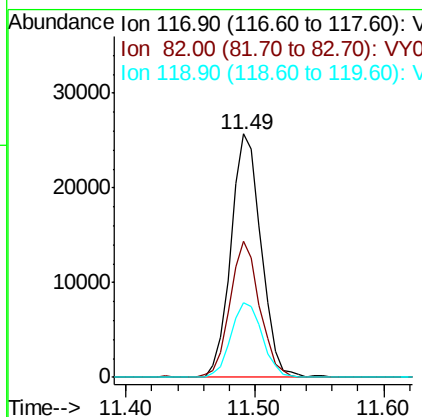
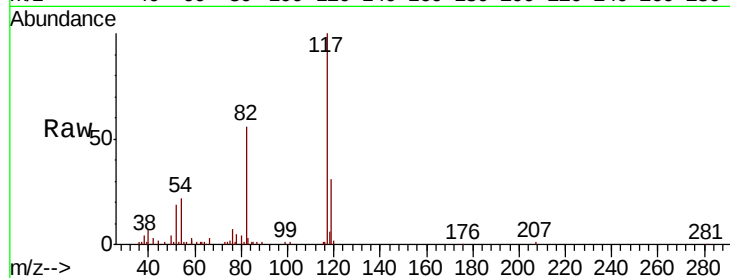




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000368.D
Acq: 22 Oct 2019 16:53

Instrument :
MSVOA_Y
ClientSampleId :
TP1-2FT

Tot Ion:117 Resp: 41877
Ion Ratio Lower Upper
117 100
82 55.8 43.7 65.5
119 30.7 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: VY000368.D
Acq: 22 Oct 2019 16:53

Tgt Ion:152 Resp: 17483
Ion Ratio Lower Upper
152 100
115 58.4 29.3 88.0
150 154.7 0.0 348.4

