

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102819\
 Data File : VY000452.D
 Acq On : 28 Oct 2019 14:15
 Operator : SY/MD
 Sample : K5564-02
 Misc : 6.25G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Oct 29 10:20:21 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

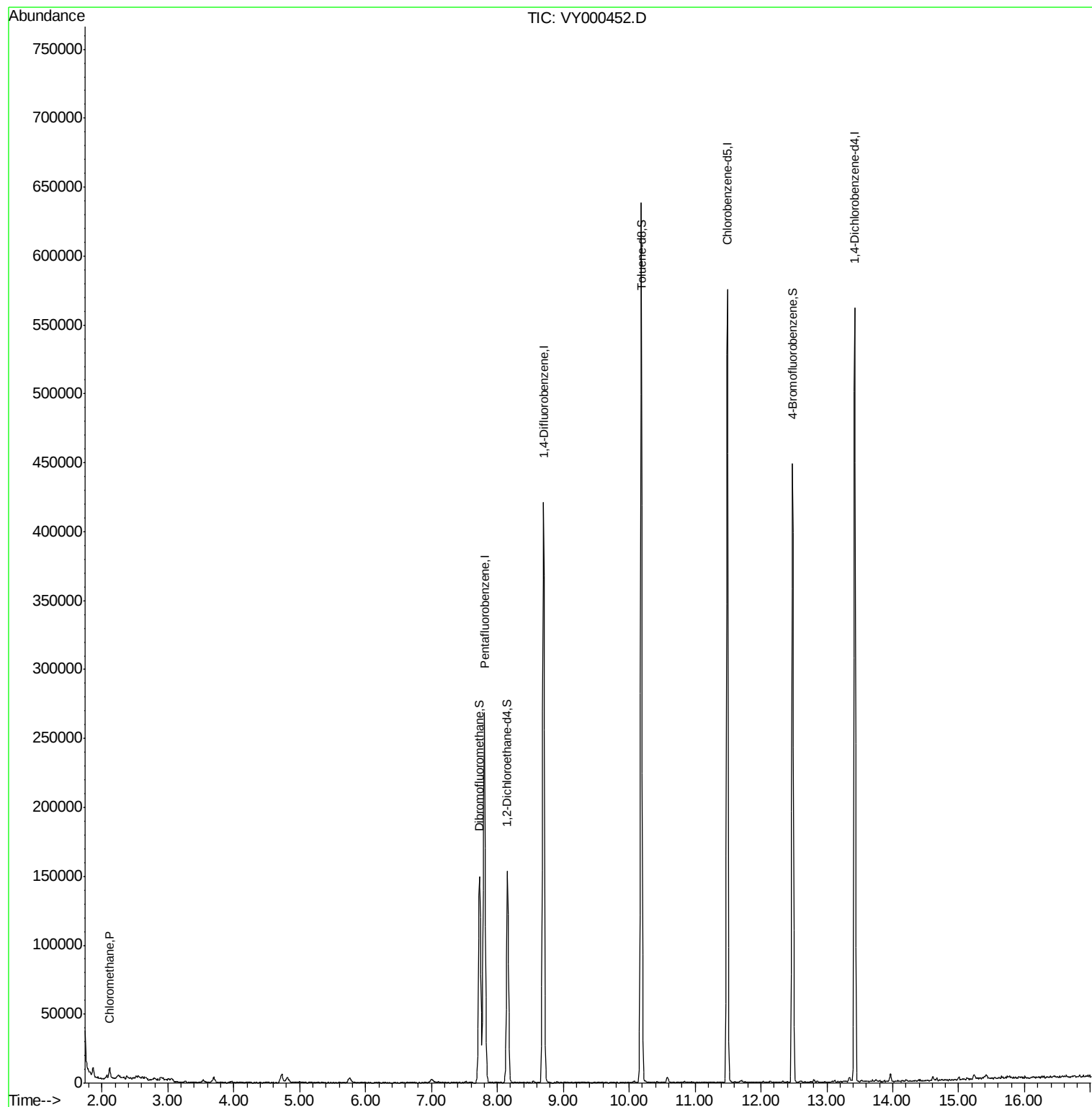
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	204885	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	349058	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	306865	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	135265	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	115317	53.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.72%	
35) Dibromofluoromethane	7.73	113	104011	49.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.80%	
50) Toluene-d8	10.18	98	406372	50.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.34%	
62) 4-Bromofluorobenzene	12.48	95	132940	43.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.40%	
Target Compounds						
3) Chloromethane	2.12	50	6662	2.661	ug/l	Qvalue 92

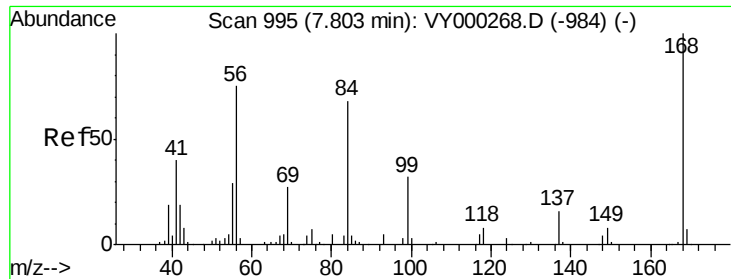
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY000452.D

Acq: 28 Oct 2019 14:15

Instrument :

MSVOA_Y

ClientSampleId :

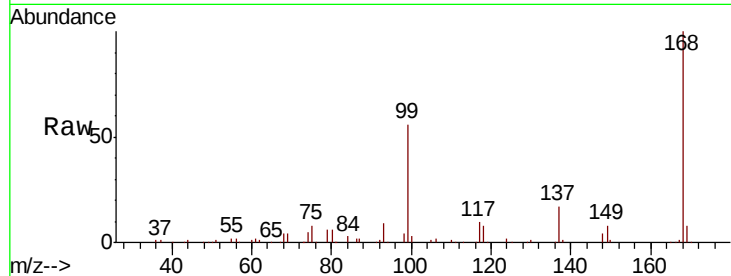
CSA-2-1-1-4

Tot Ion:168 Resp: 204885

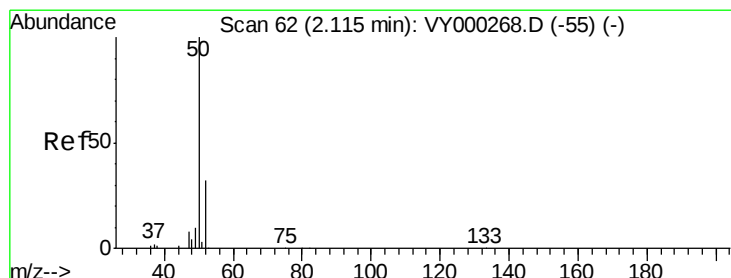
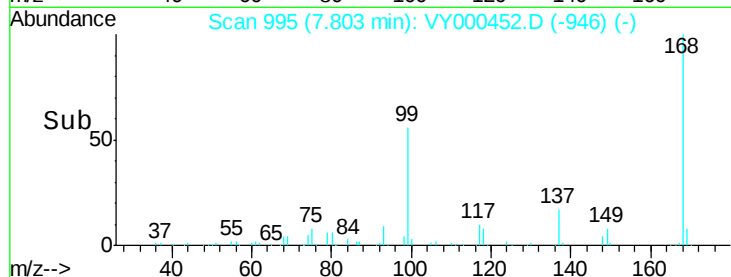
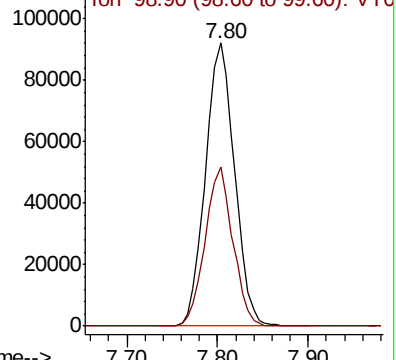
Ion Ratio Lower Upper

168 100

99 56.2 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000452.D (-946) (-)



#3

Chloromethane

Concen: 2.661 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY000452.D

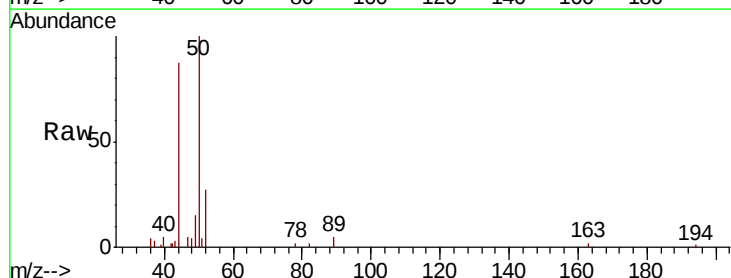
Acq: 28 Oct 2019 14:15

Tgt Ion: 50 Resp: 6662

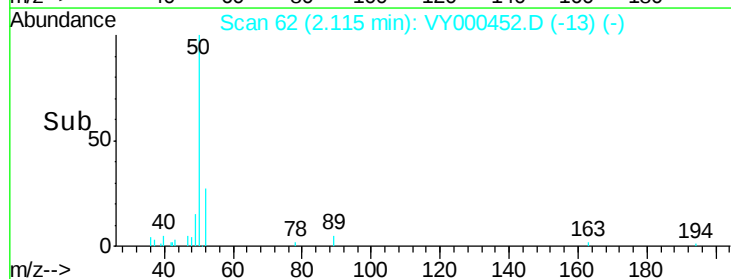
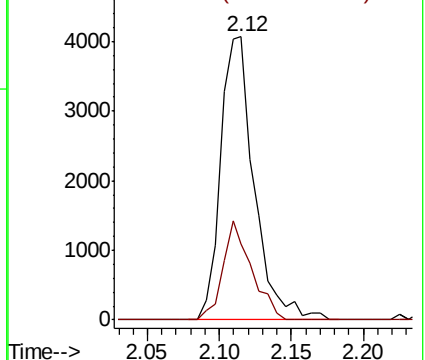
Ion Ratio Lower Upper

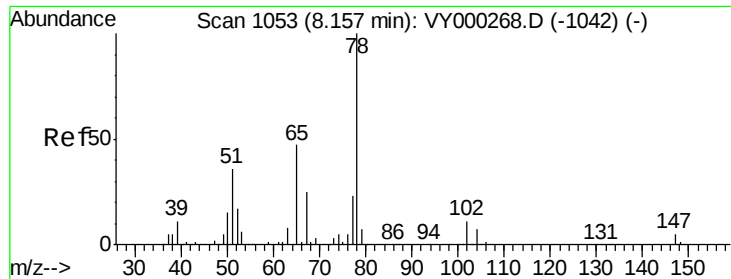
50 100

52 26.9 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VY000452.D (-13) (-)





#33

1,2-Dichloroethane-d4

Concen: 53.357 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY000452.D

Acq: 28 Oct 2019 14:15

Instrument :

MSVOA_Y

ClientSampleId :

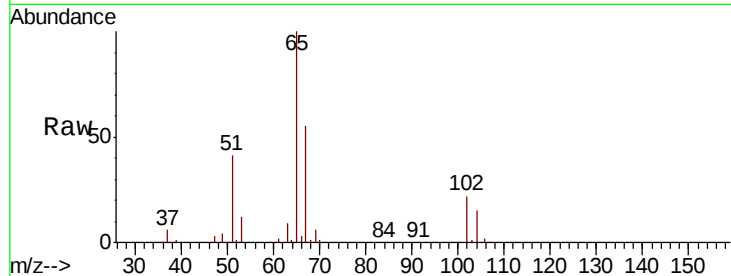
CSA-2-1-1-4

Tot Ion: 65 Resp: 115317

Ion Ratio Lower Upper

65 100

67 54.7 0.0 109.4

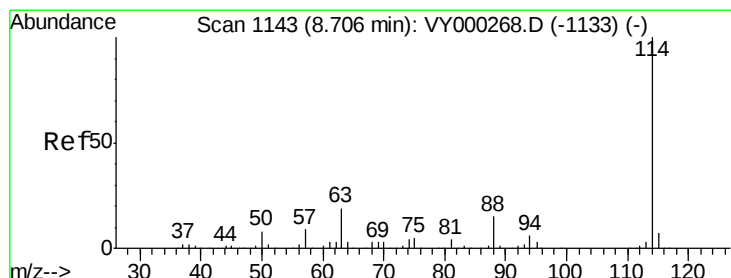
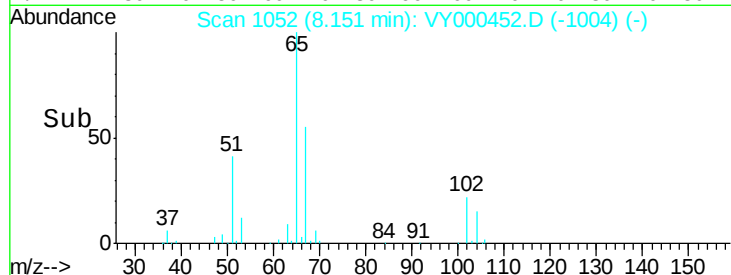


Abundance Ion 64.90 (64.60 to 65.60): VY000452.D (-1004) (-)

Ion 66.90 (66.60 to 67.60): VY000452.D (-1004) (-)

8.15

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY000452.D

Acq: 28 Oct 2019 14:15

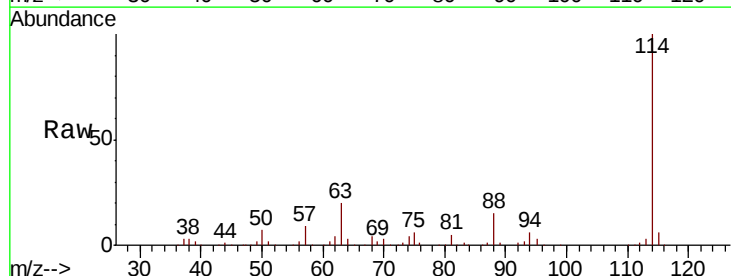
Tgt Ion: 114 Resp: 349058

Ion Ratio Lower Upper

114 100

63 19.8 0.0 37.2

88 15.0 0.0 30.2



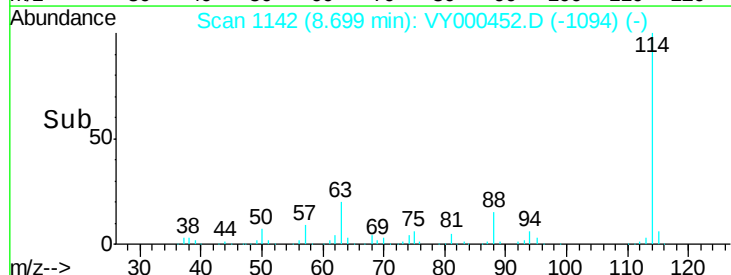
Abundance Ion 113.90 (113.60 to 114.60): VY000452.D (-1094) (-)

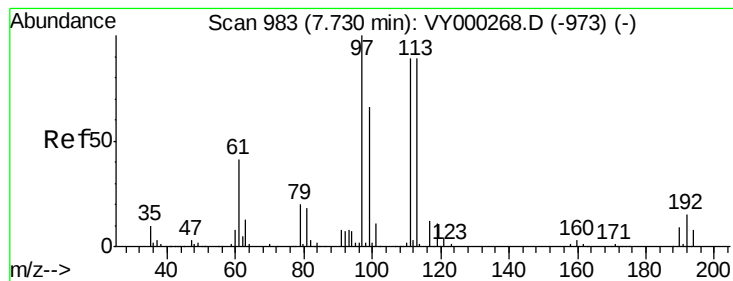
Ion 63.00 (62.70 to 63.70): VY000452.D (-1094) (-)

Ion 87.90 (87.60 to 88.60): VY000452.D (-1094) (-)

8.70

Time-->





#35

Dibromofluoromethane

Concen: 49.399 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.00 min

Lab File: VY000452.D

Acq: 28 Oct 2019 14:15

Instrument :

MSVOA_Y

ClientSampleId :

CSA-2-1-1-4

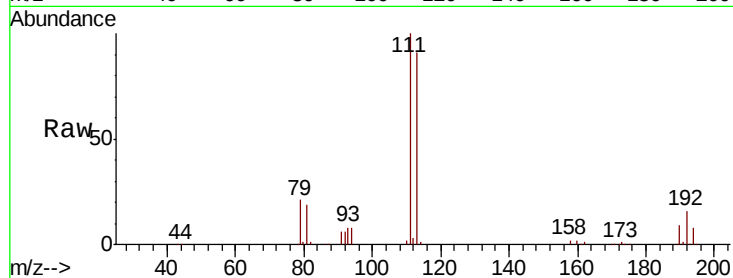
Tot Ion:113 Resp: 104011

Ion Ratio Lower Upper

113 100

111 102.7 81.6 122.4

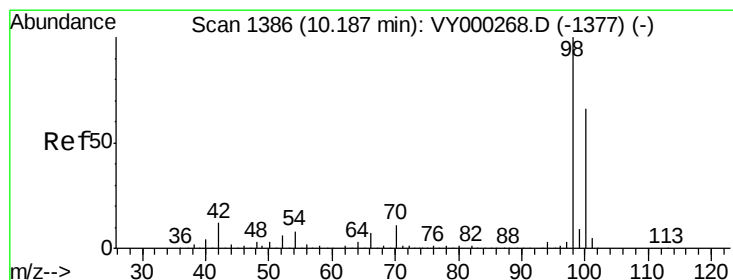
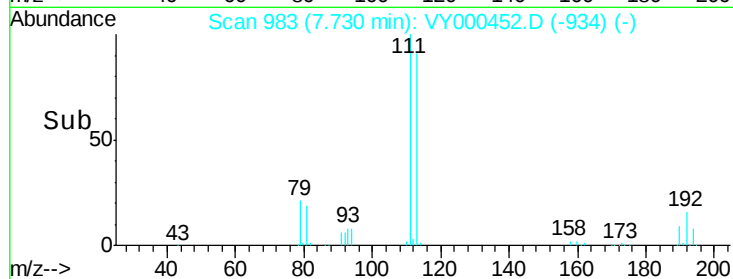
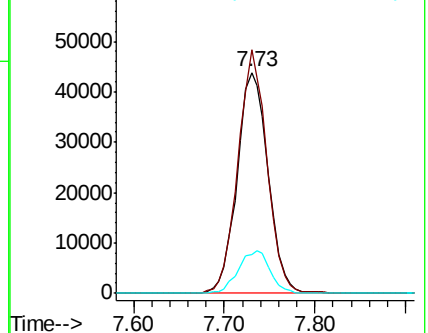
192 19.6 15.3 22.9



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: 50.172 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY000452.D

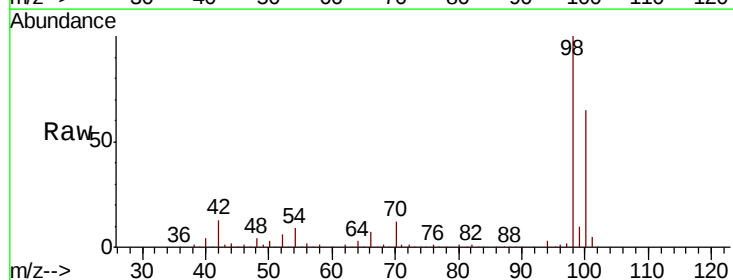
Acq: 28 Oct 2019 14:15

Tgt Ion: 98 Resp: 406372

Ion Ratio Lower Upper

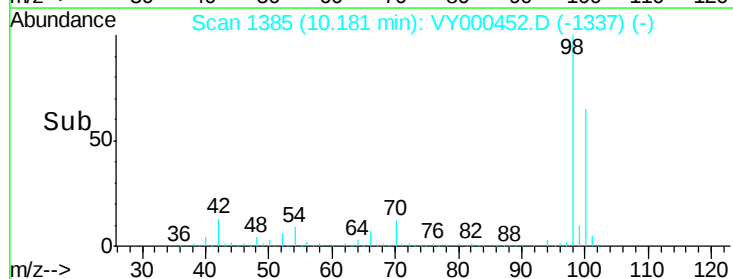
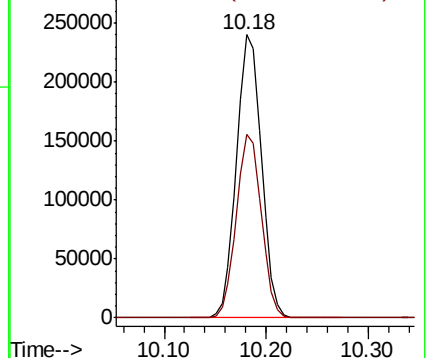
98 100

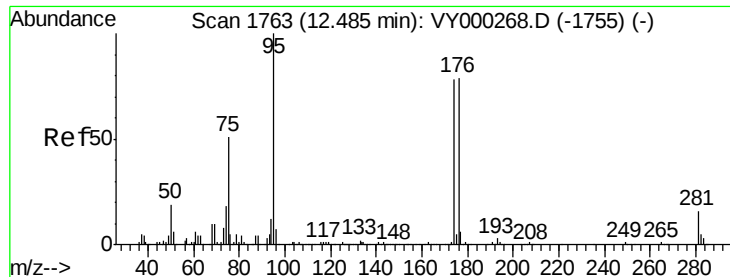
100 64.7 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

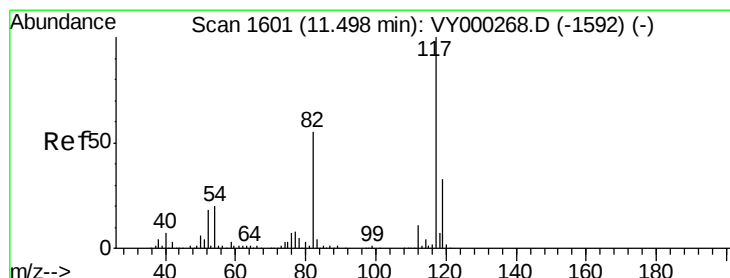
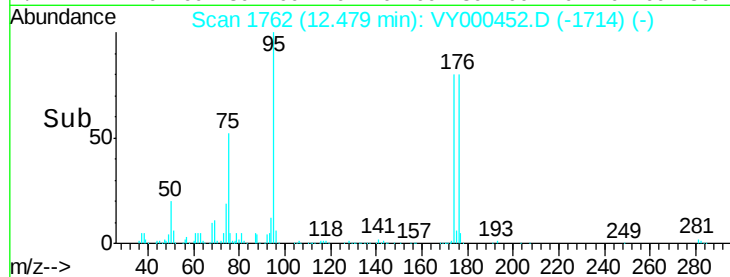
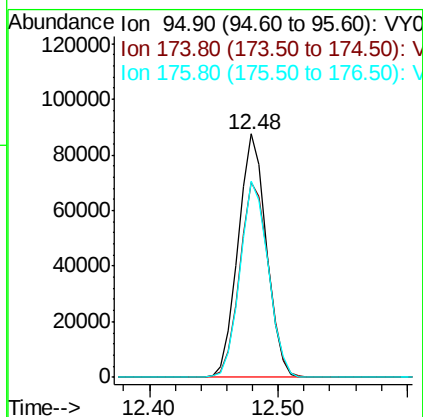
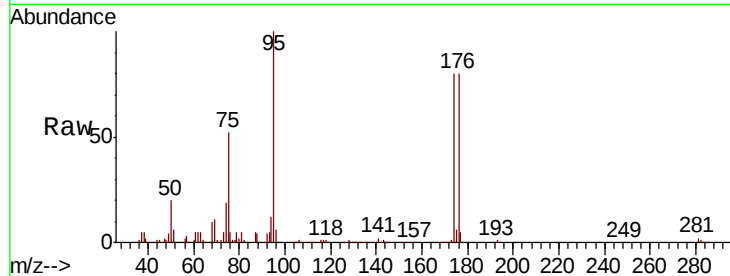




#62
4-Bromofluorobenzene
Concen: 43.203 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY000452.D
Acq: 28 Oct 2019 14:15

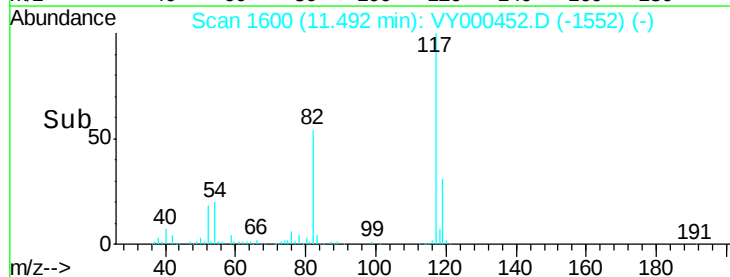
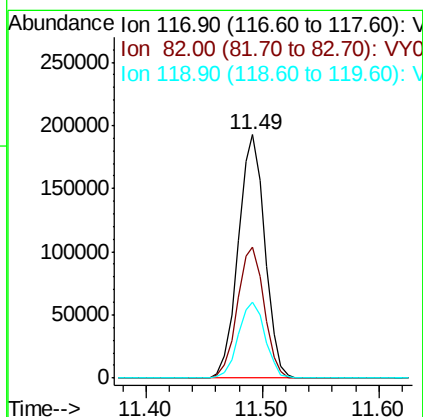
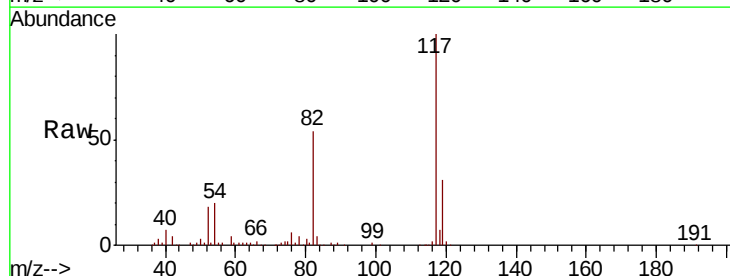
Instrument :
MSVOA_Y
ClientSampleId :
CSA-2-1-1-4

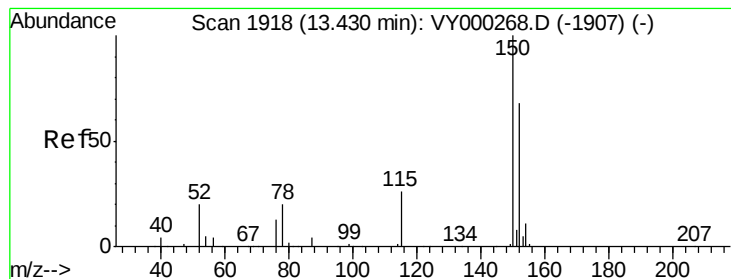
Tot Ion: 95 Resp: 132940
Ion Ratio Lower Upper
95 100
174 81.3 0.0 159.6
176 79.7 0.0 153.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000452.D
Acq: 28 Oct 2019 14:15

Tgt Ion: 117 Resp: 306865
Ion Ratio Lower Upper
117 100
82 53.7 43.7 65.5
119 31.0 26.6 39.8



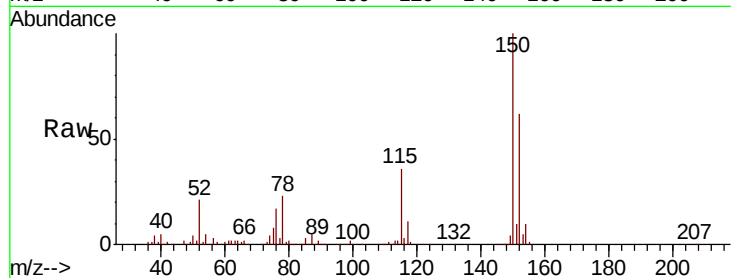


#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.42 min Scan# 1917
 Delta R.T. -0.01 min
 Lab File: VY000452.D
 Acq: 28 Oct 2019 14:15

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

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.2	29.3	88.0
150	159.9	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

