

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102819\
 Data File : VY000459.D
 Acq On : 28 Oct 2019 16:57
 Operator : SY/MD
 Sample : K5576-08
 Misc : 6.40G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CSA-2-1-7-2

Quant Time: Oct 29 10:34:00 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	193011	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	335797	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	272263	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	105240	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	112537	55.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.54%	
35) Dibromofluoromethane	7.74	113	99051	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	
50) Toluene-d8	10.18	98	378333	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	
62) 4-Bromofluorobenzene	12.48	95	113780	38.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.88%	

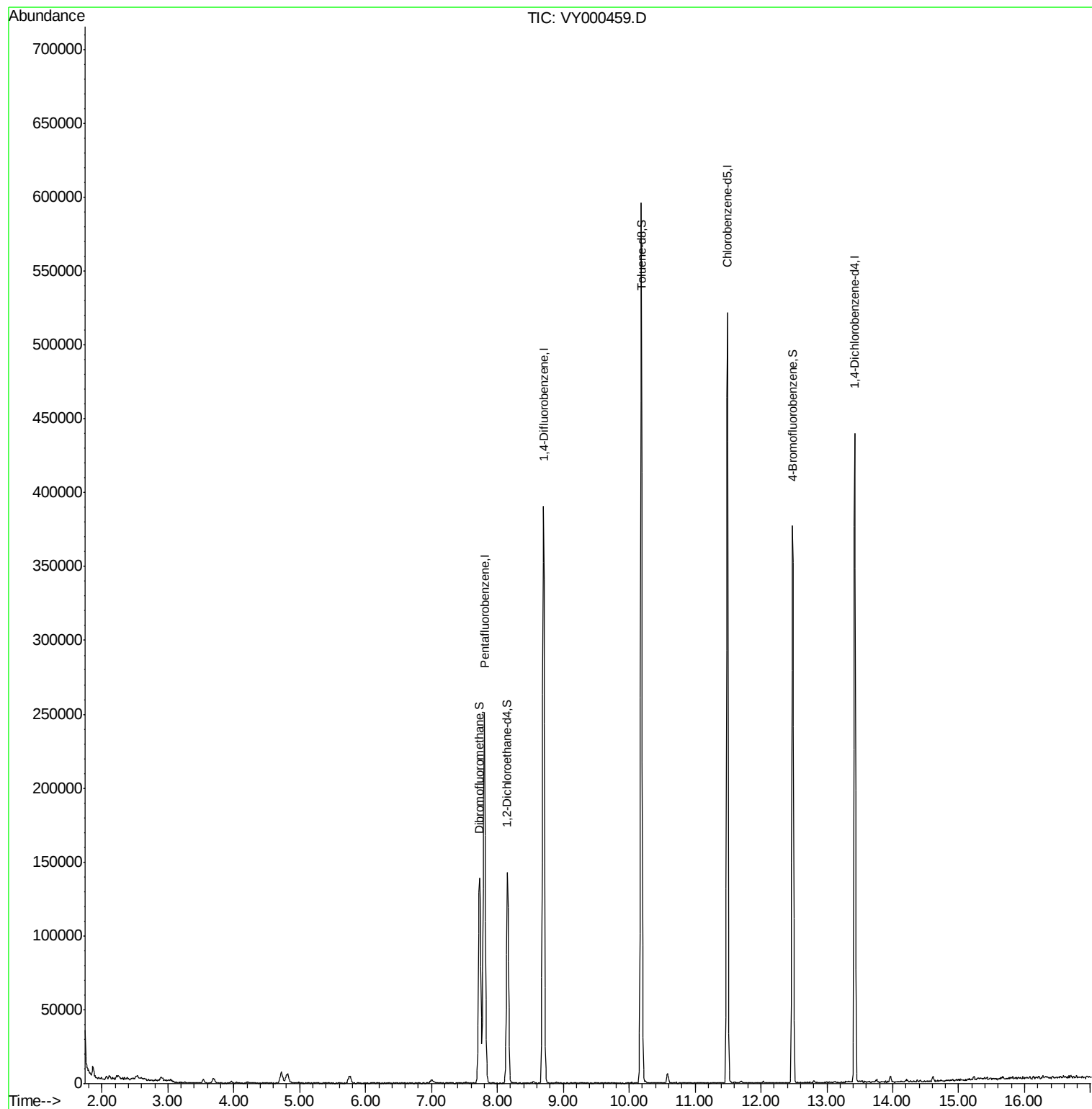
Target Compounds	Qvalue

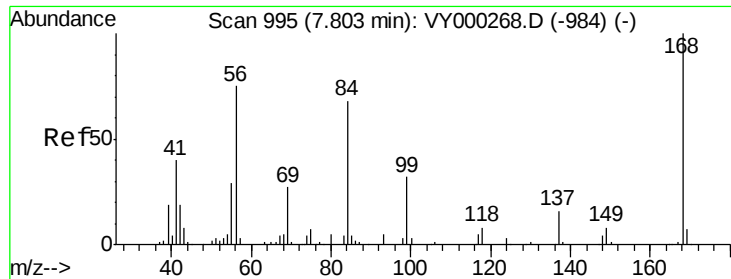
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY000459.D

Acq: 28 Oct 2019 16:57

Instrument :

MSVOA_Y

ClientSampleId :

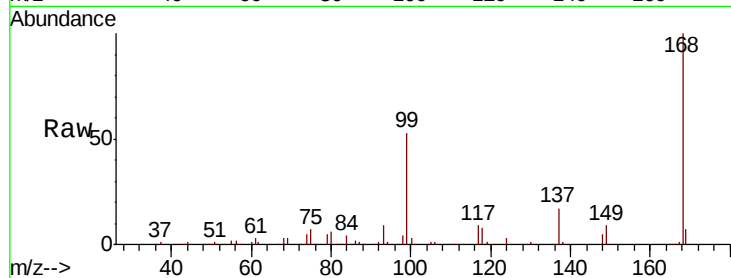
CSA-2-1-7-2

Tot Ion:168 Resp: 193011

Ion Ratio Lower Upper

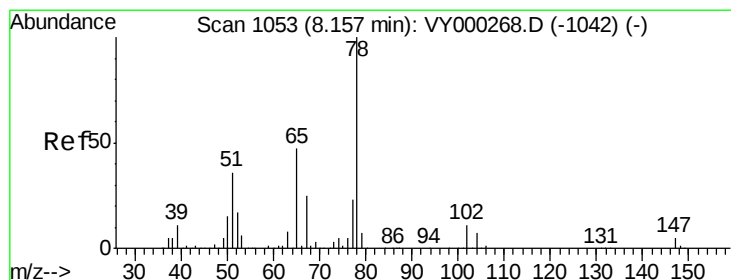
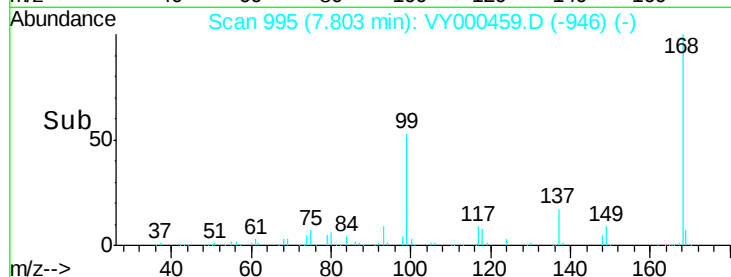
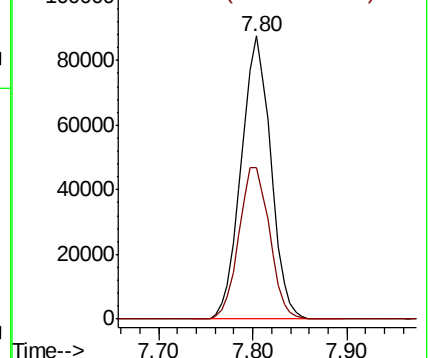
168 100

99 53.4 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000459.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000459.D (-946) (-)



#33

1,2-Dichloroethane-d4

Concen: 55.275 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY000459.D

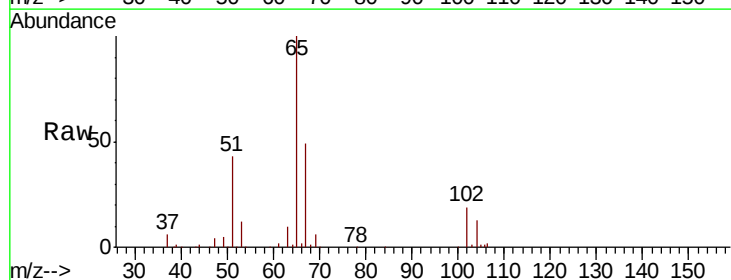
Acq: 28 Oct 2019 16:57

Tgt Ion: 65 Resp: 112537

Ion Ratio Lower Upper

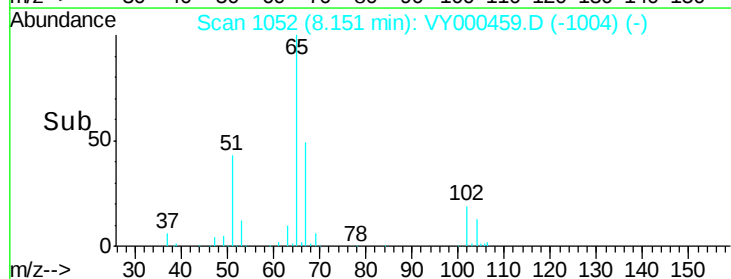
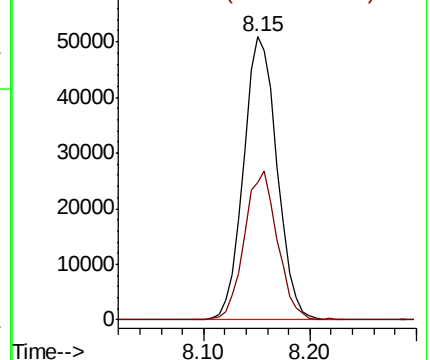
65 100

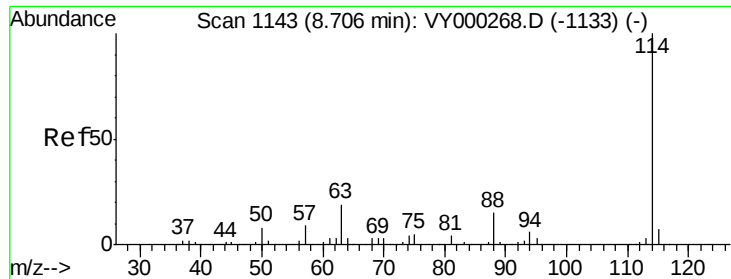
67 51.9 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VY000459.D (-1004) (-)

Ion 66.90 (66.60 to 67.60): VY000459.D (-1004) (-)

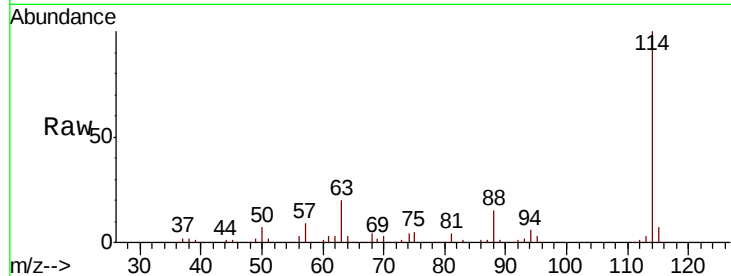




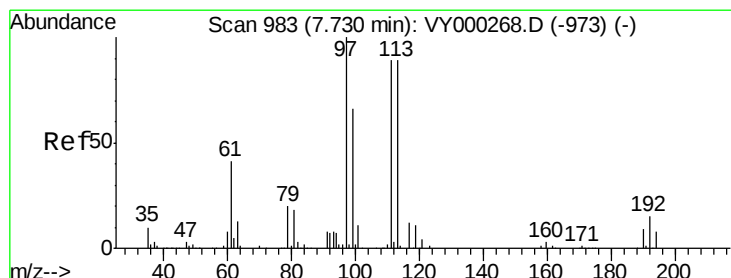
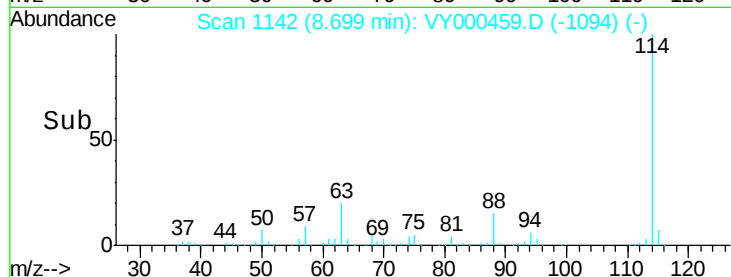
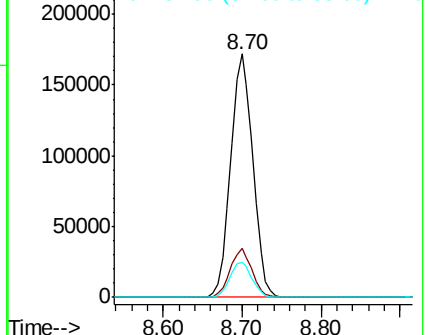
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000459.D
 Acq: 28 Oct 2019 16:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 CSA-2-1-7-2

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	37.2
88	14.5	0.0	30.2

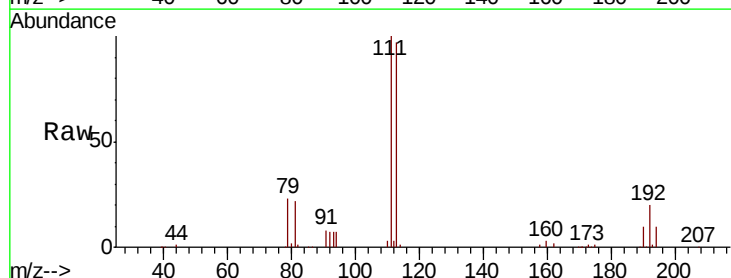


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

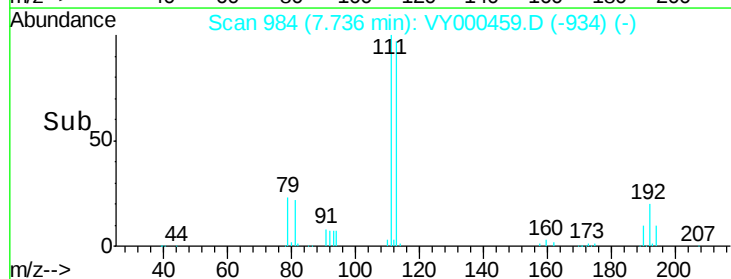
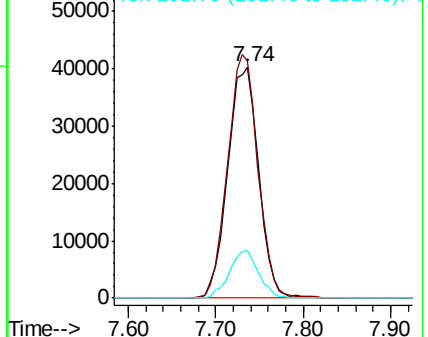


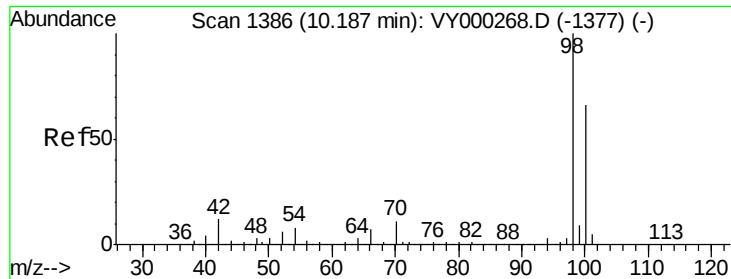
#35
 Dibromofluoromethane
 Concen: 48.901 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. 0.01 min
 Lab File: VY000459.D
 Acq: 28 Oct 2019 16:57

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.6	122.4
192	19.7	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: 48.555 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY000459.D

Acq: 28 Oct 2019 16:57

Instrument :

MSVOA_Y

ClientSampleId :

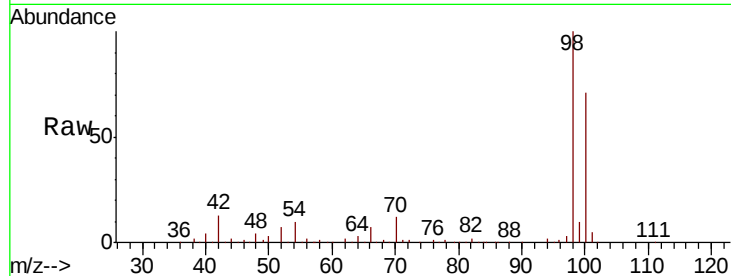
CSA-2-1-7-2

Tot Ion: 98 Resp: 378333

Ion Ratio Lower Upper

98 100

100 67.9 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

250000

200000

150000

100000

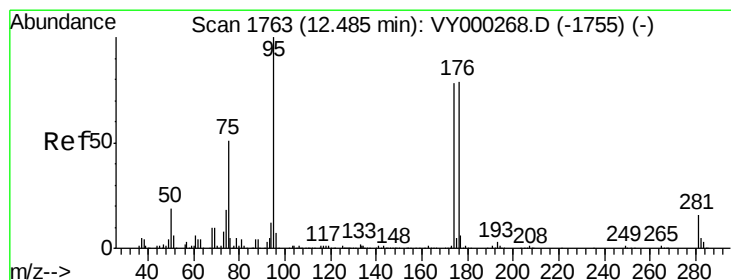
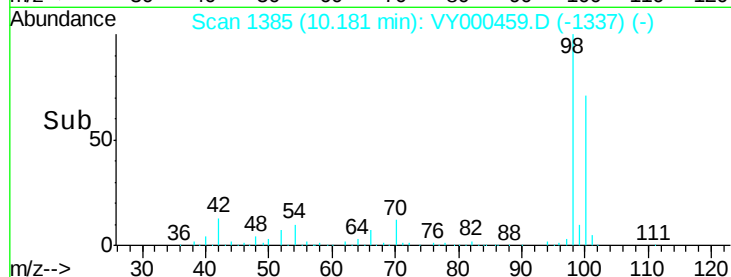
50000

0

10.10

10.20

Time-->



#62

4-Bromofluorobenzene

Concen: 38.437 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY000459.D

Acq: 28 Oct 2019 16:57

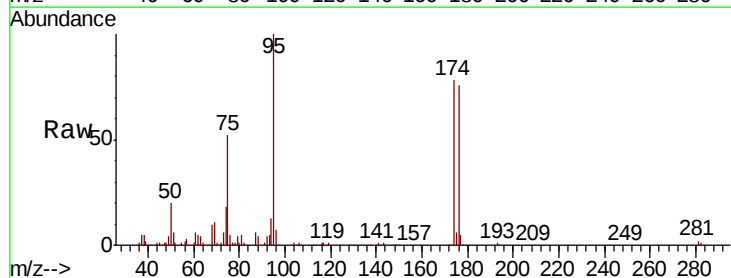
Tgt Ion: 95 Resp: 113780

Ion Ratio Lower Upper

95 100

174 81.2 0.0 159.6

176 79.6 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

100000

80000

60000

40000

20000

0

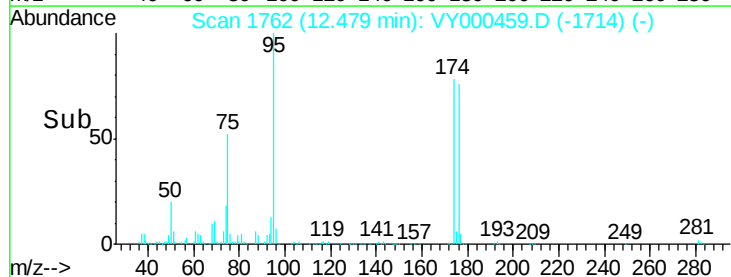
12.40

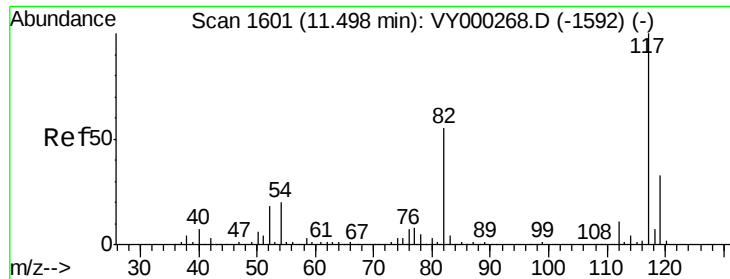
12.45

12.50

12.55

Time-->

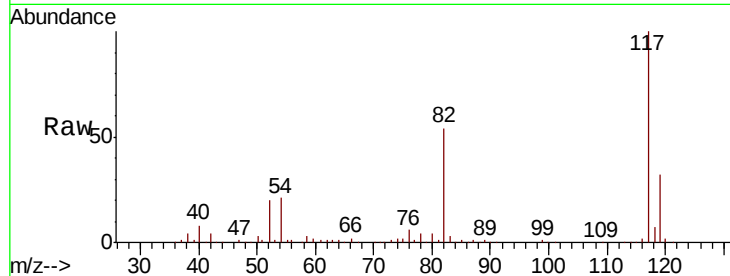




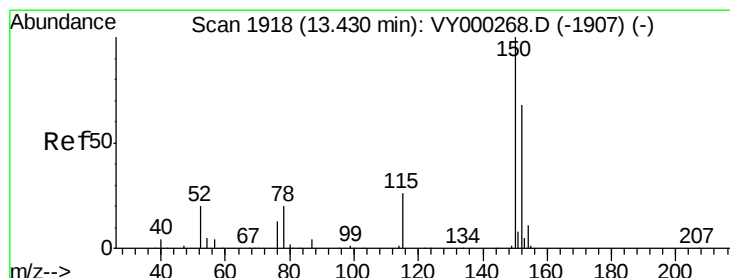
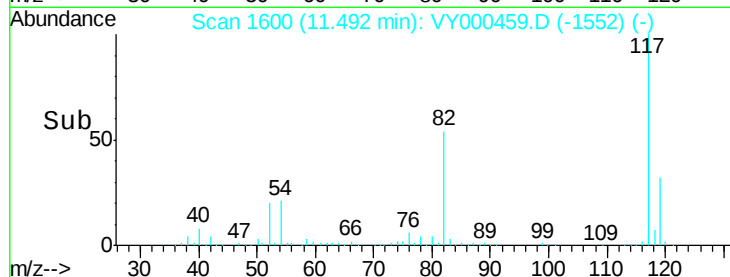
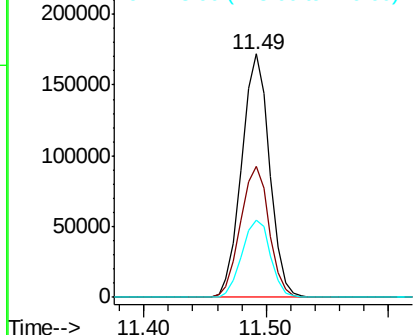
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000459.D
Acq: 28 Oct 2019 16:57

Instrument :
MSVOA_Y
ClientSampleId :
CSA-2-1-7-2

Tot Ion:117 Resp: 272263
Ion Ratio Lower Upper
117 100
82 53.9 43.7 65.5
119 31.7 26.6 39.8

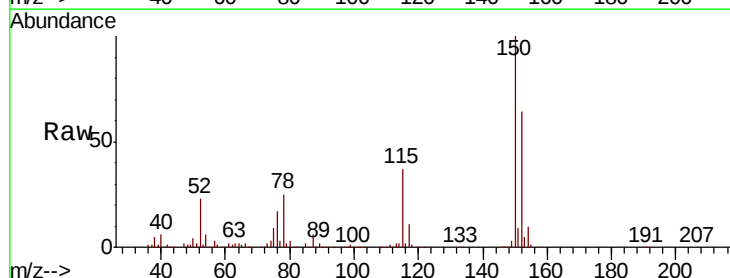


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000459.D
Acq: 28 Oct 2019 16:57

Tgt Ion:152 Resp: 105240
Ion Ratio Lower Upper
152 100
115 57.0 29.3 88.0
150 158.4 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

