

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102419\
 Data File : VY000412.D
 Acq On : 24 Oct 2019 16:13
 Operator : SY/MD
 Sample : K5499-14
 Misc : 6.03G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 707-58-(1)

Quant Time: Oct 25 07:29:36 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	63024	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	97241	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	72902	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	30509	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	31180	46.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.80%	
35) Dibromofluoromethane	7.73	113	27790	47.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.76%	
50) Toluene-d8	10.18	98	105366	46.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.40%	
62) 4-Bromofluorobenzene	12.48	95	29568	34.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	68.98%	

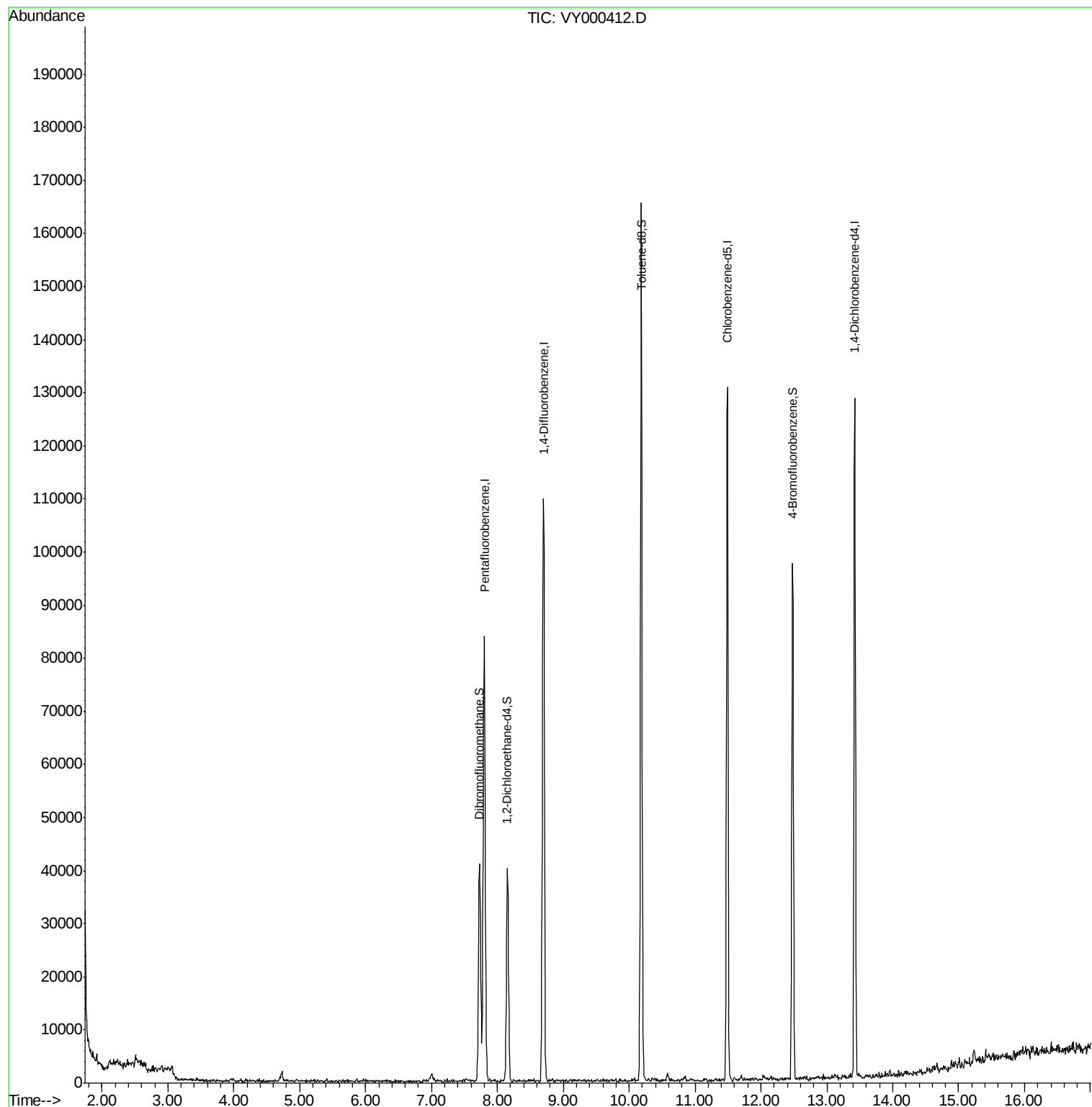
Target Compounds	Qvalue

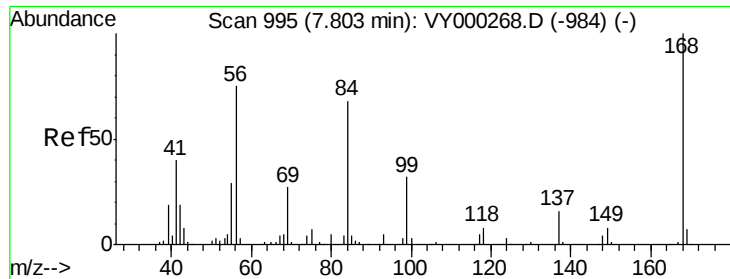
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY000412.D

Acq: 24 Oct 2019 16:13

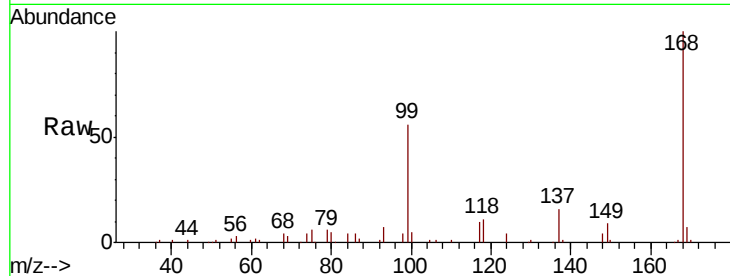
Instrument :
MSVOA_Y
ClientSampleId :
707-58-(1)

Tot Ion:168 Resp: 63024

Ion Ratio Lower Upper

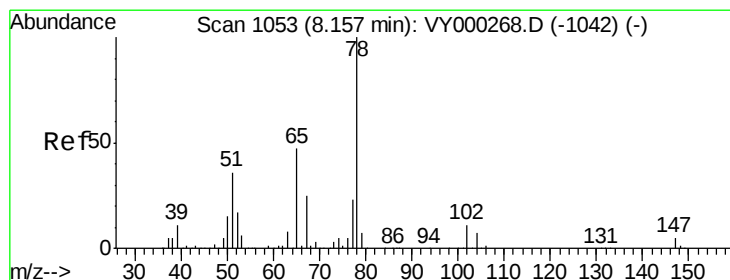
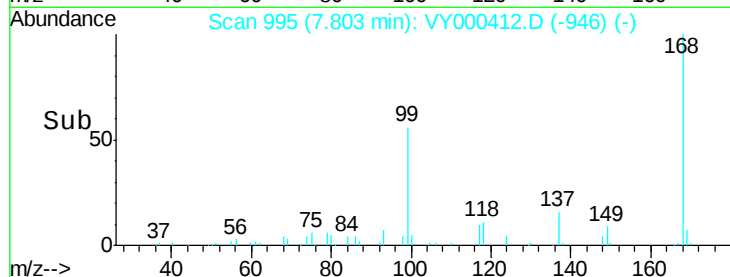
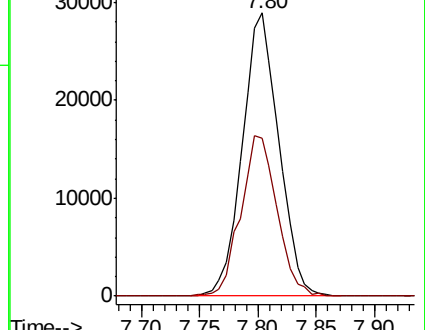
168 100

99 55.7 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000412.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000412.D (-946) (-)



#33

1,2-Dichloroethane-d4

Concen: 46.901 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY000412.D

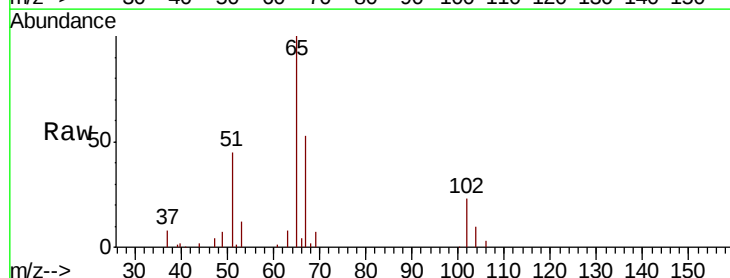
Acq: 24 Oct 2019 16:13

Tgt Ion: 65 Resp: 31180

Ion Ratio Lower Upper

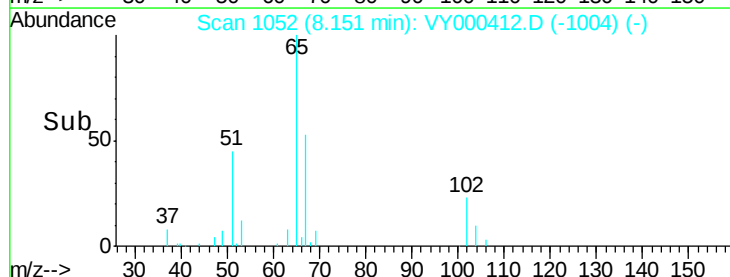
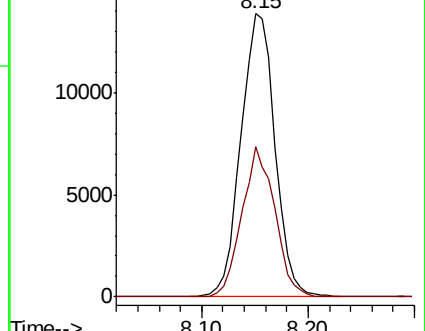
65 100

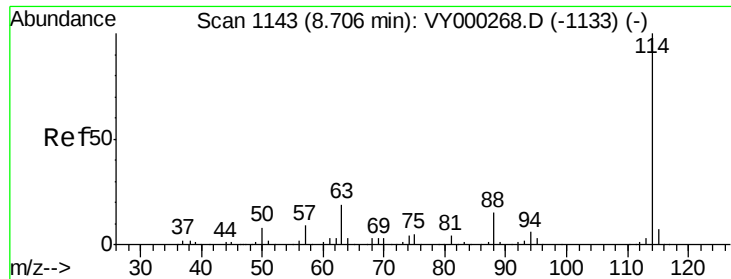
67 51.1 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VY000412.D (-1004) (-)

Ion 66.90 (66.60 to 67.60): VY000412.D (-1004) (-)

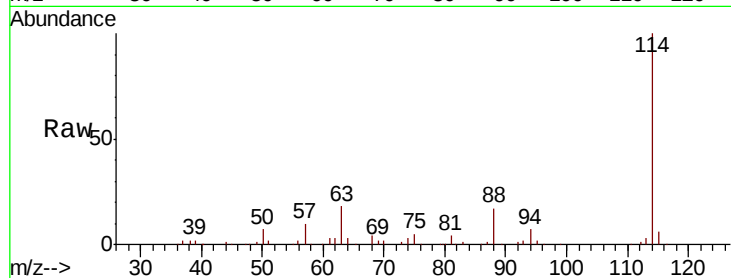




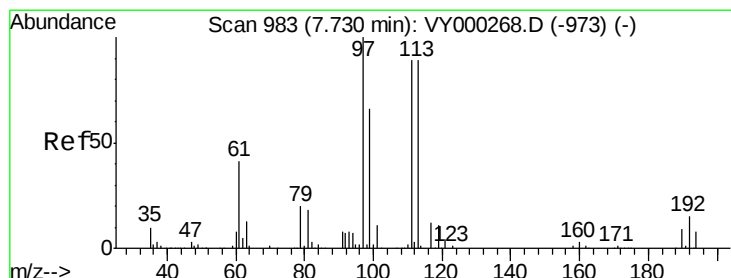
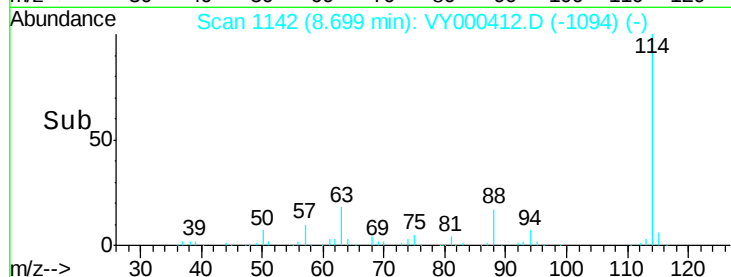
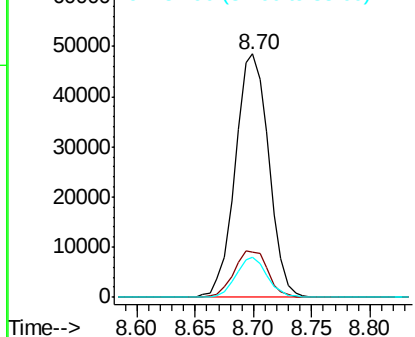
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000412.D
 Acq: 24 Oct 2019 16:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 707-58-(1)

Tot Ion:114 Resp: 97241
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 37.2
 88 16.6 0.0 30.2

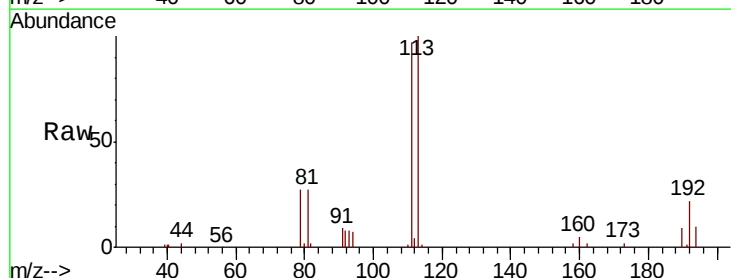


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

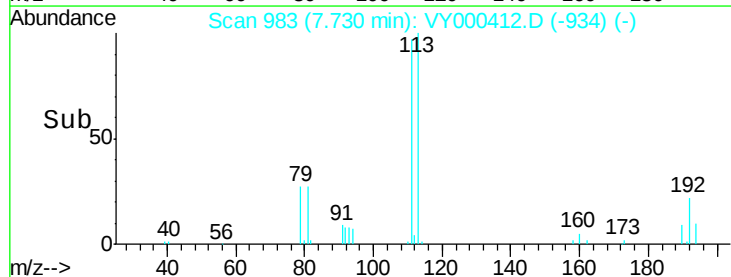
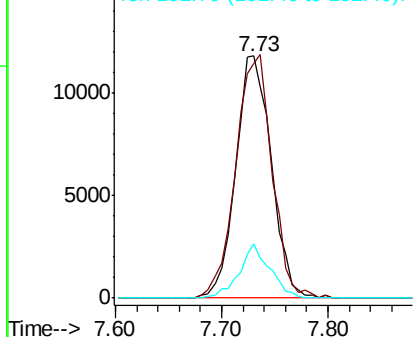


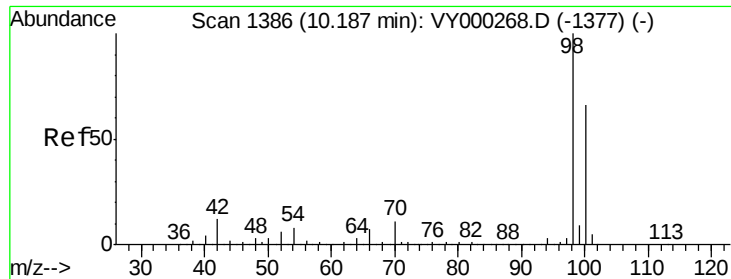
#35
 Dibromofluoromethane
 Concen: 47.377 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000412.D
 Acq: 24 Oct 2019 16:13

Tgt Ion:113 Resp: 27790
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.6 122.4
 192 19.2 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: 46.697 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY000412.D

Acq: 24 Oct 2019 16:13

Instrument :

MSVOA_Y

ClientSampleId :

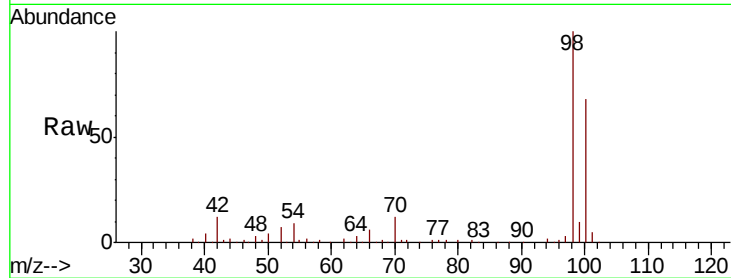
707-58-(1)

Tot Ion: 98 Resp: 105366

Ion Ratio Lower Upper

98 100

100 69.0 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VY000268.D (-1377) (-)

Ion 100.00 (99.70 to 100.70): VY000268.D (-1377) (-)

10.18

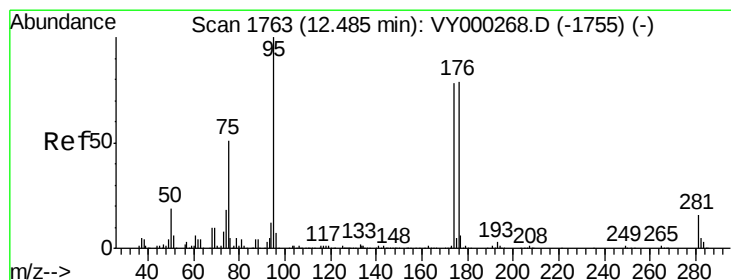
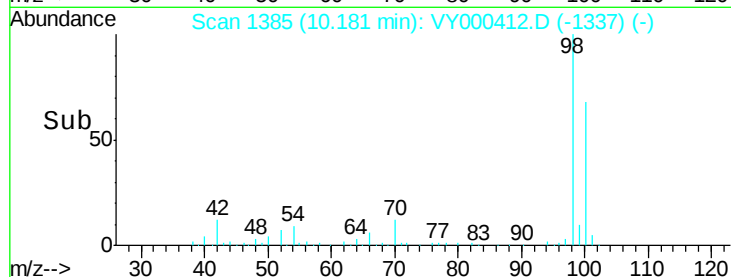
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 34.493 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY000412.D

Acq: 24 Oct 2019 16:13

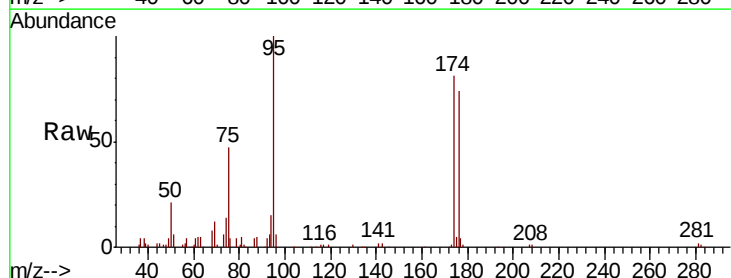
Tgt Ion: 95 Resp: 29568

Ion Ratio Lower Upper

95 100

174 84.1 0.0 159.6

176 80.9 0.0 153.8



Abundance Ion 94.90 (94.60 to 95.60): VY000268.D (-1755) (-)

Ion 173.80 (173.50 to 174.50): VY000268.D (-1755) (-)

Ion 175.80 (175.50 to 176.50): VY000268.D (-1755) (-)

12.48

25000

20000

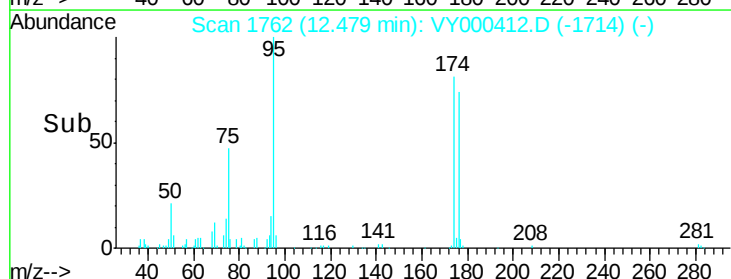
15000

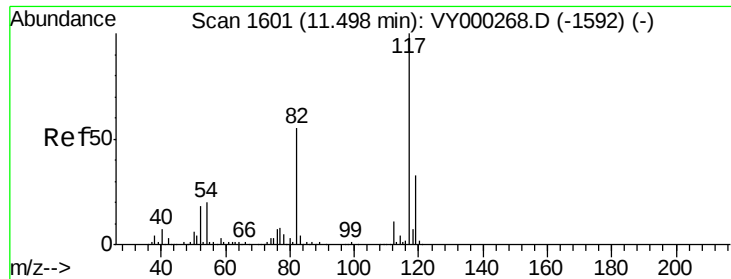
10000

5000

0

Time-->

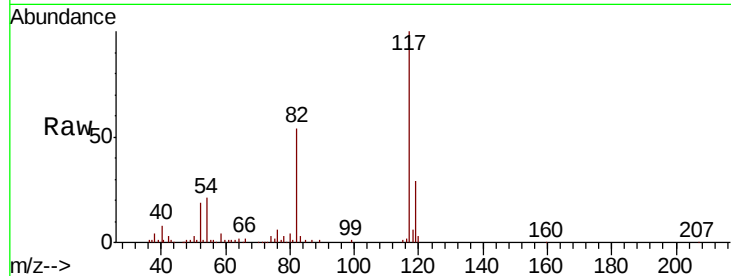




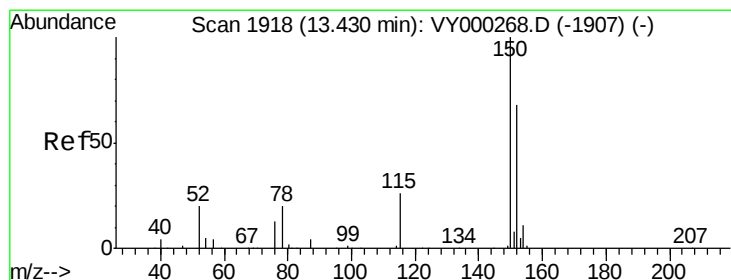
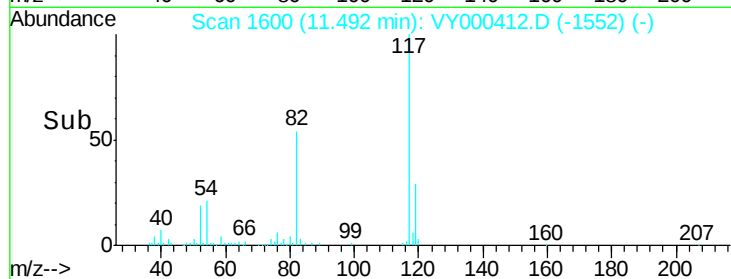
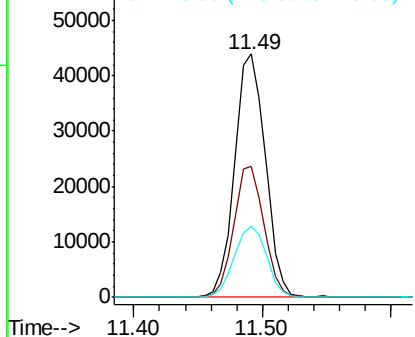
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000412.D
Acq: 24 Oct 2019 16:13

Instrument :
MSVOA_Y
ClientSampleId :
707-58-(1)

Tot Ion:117 Resp: 72902
Ion Ratio Lower Upper
117 100
82 53.9 43.7 65.5
119 29.0 26.6 39.8

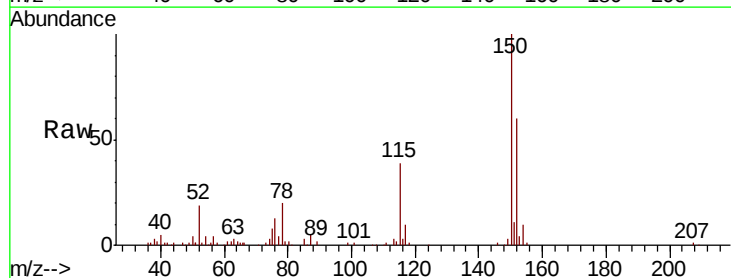


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000412.D
Acq: 24 Oct 2019 16:13

Tgt Ion:152 Resp: 30509
Ion Ratio Lower Upper
152 100
115 58.5 29.3 88.0
150 161.7 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

