

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102319\
 Data File : VY000395.D
 Acq On : 23 Oct 2019 20:37
 Operator : SY/MD
 Sample : K5498-08
 Misc : 6.09G/5ML/MSVOA Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 196-00-(1)

Quant Time: Oct 24 05:27:06 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	212588	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	368311	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	297352	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	108549	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	123064	54.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.76%	
35) Dibromofluoromethane	7.73	113	105794	47.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.24%	
50) Toluene-d8	10.18	98	413580	48.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.78%	
62) 4-Bromofluorobenzene	12.48	95	116008	35.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.46%	

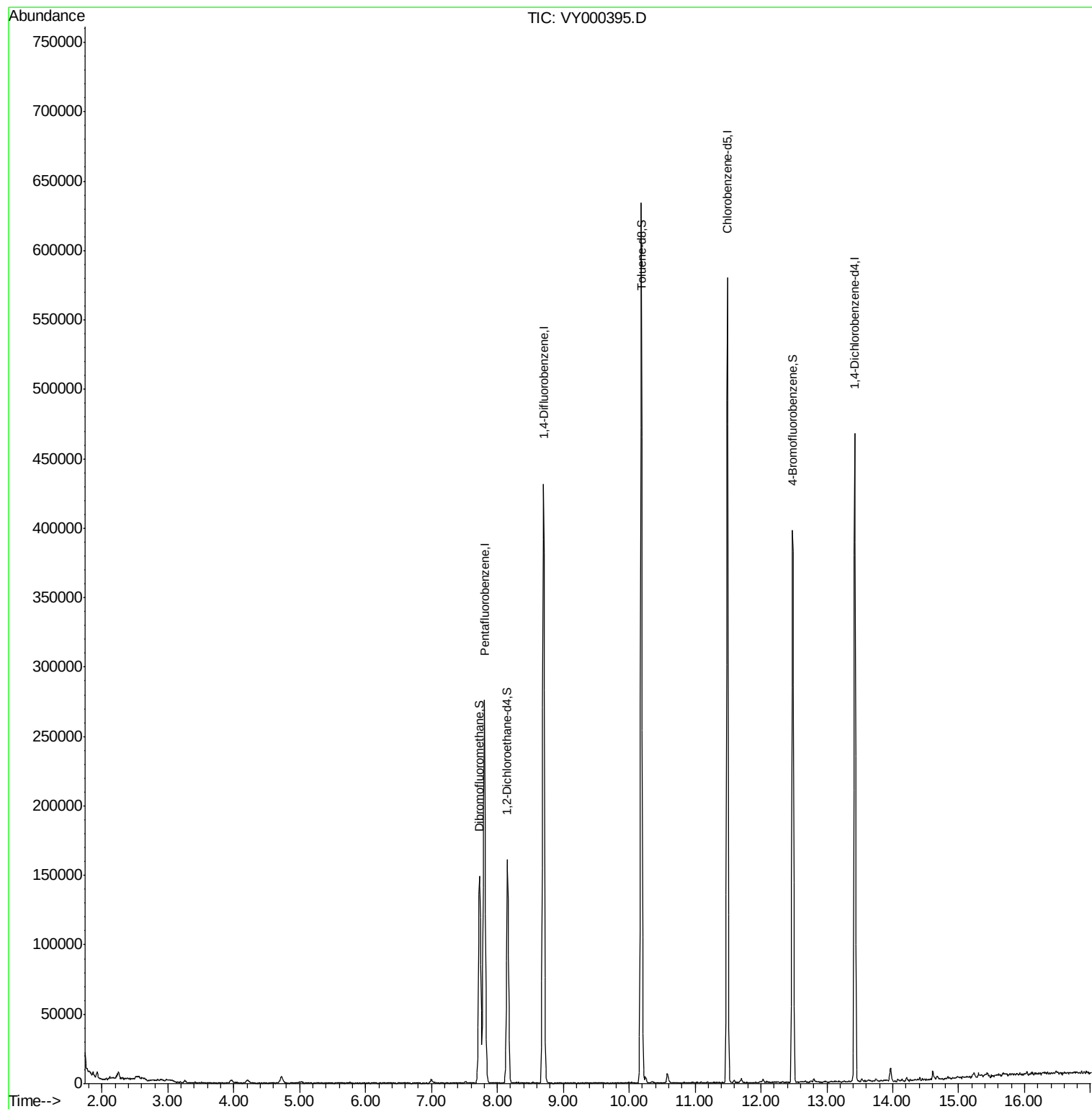
Target Compounds	Qvalue
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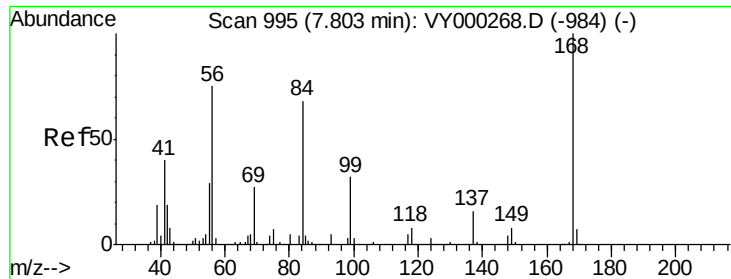
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY000395.D

Acq: 23 Oct 2019 20:37

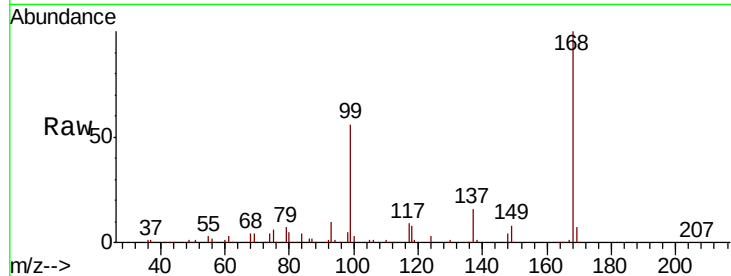
Instrument :
MSVOA_Y
ClientSampleId :
196-00-(1)

Tot Ion:168 Resp: 212588

Ion Ratio Lower Upper

168 100

99 56.0 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000268.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY000268.D (-984) (-)

7.80

100000

80000

60000

40000

20000

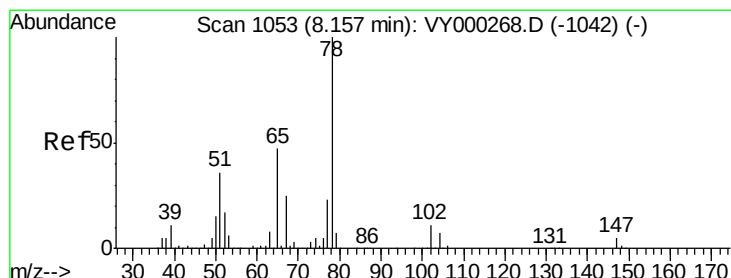
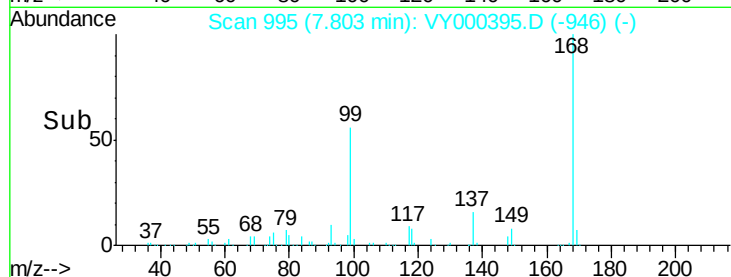
0

Time-->

7.70

7.80

7.90



#33

1,2-Dichloroethane-d4

Concen: 54.879 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY000395.D

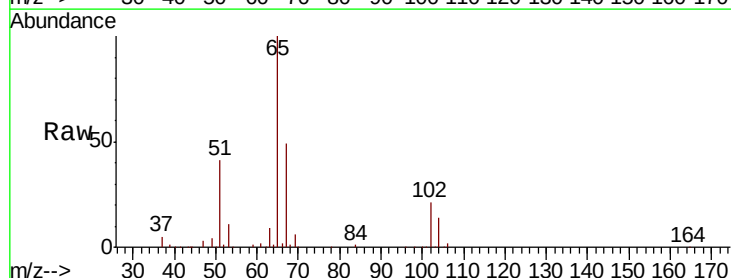
Acq: 23 Oct 2019 20:37

Tgt Ion: 65 Resp: 123064

Ion Ratio Lower Upper

65 100

67 51.5 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VY000268.D (-1042) (-)

Ion 66.90 (66.60 to 67.60): VY000268.D (-1042) (-)

8.15

60000

40000

20000

0

Time-->

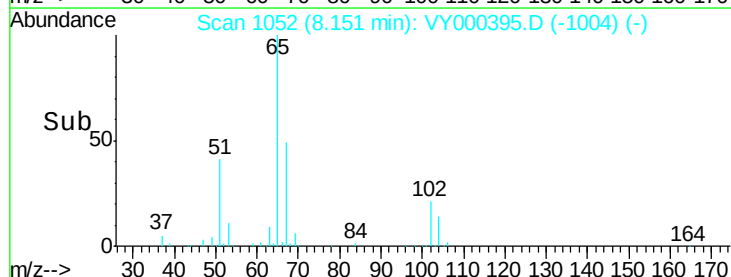
8.05

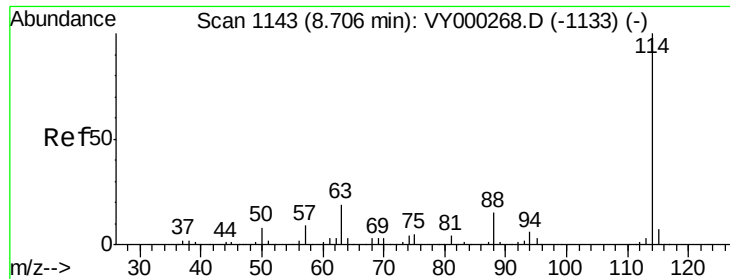
8.10

8.15

8.20

8.25

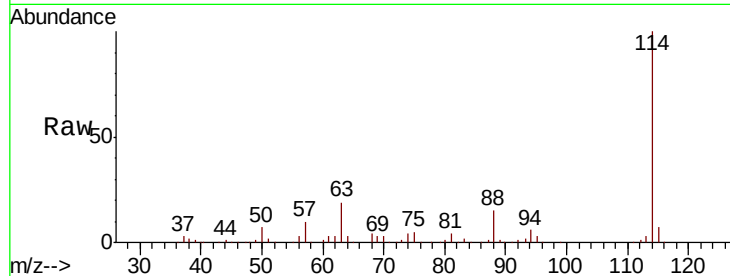




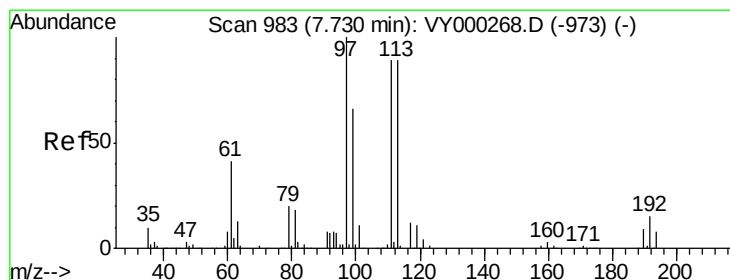
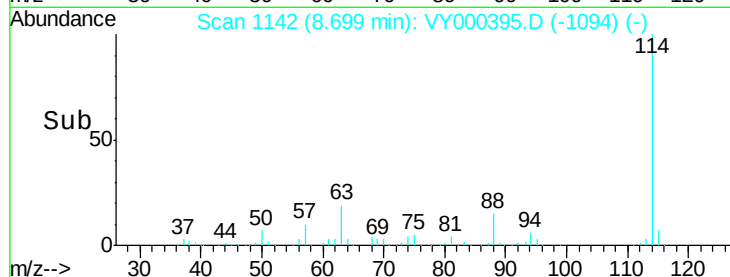
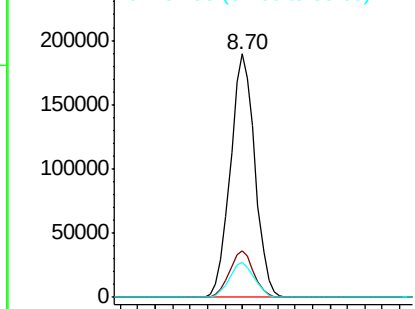
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000395.D
 Acq: 23 Oct 2019 20:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 196-00-(1)

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	37.2
88	14.5	0.0	30.2

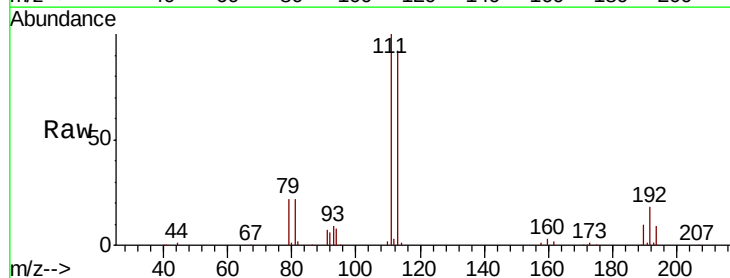


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

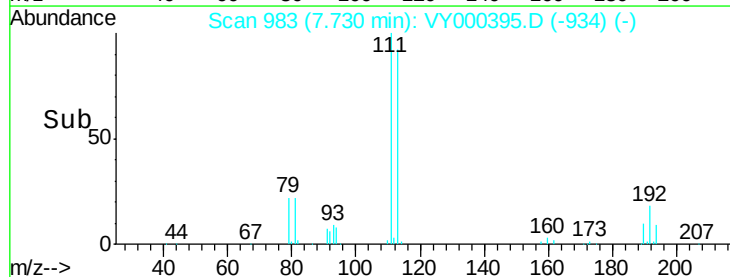
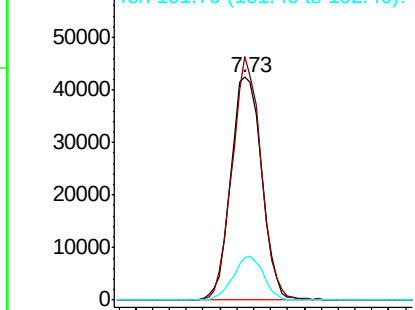


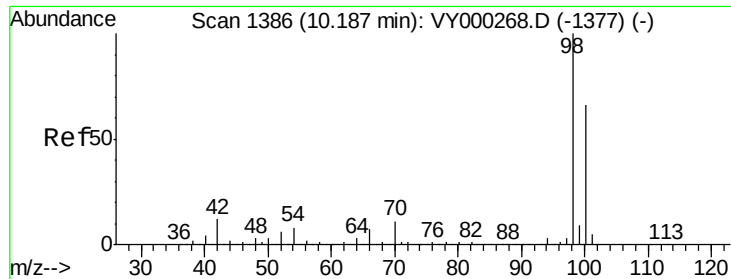
#35
 Dibromofluoromethane
 Concen: 47.619 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VY000395.D
 Acq: 23 Oct 2019 20:37

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.6	81.6	122.4
192	19.1	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: 48.393 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY000395.D

Acq: 23 Oct 2019 20:37

Instrument :

MSVOA_Y

ClientSampleId :

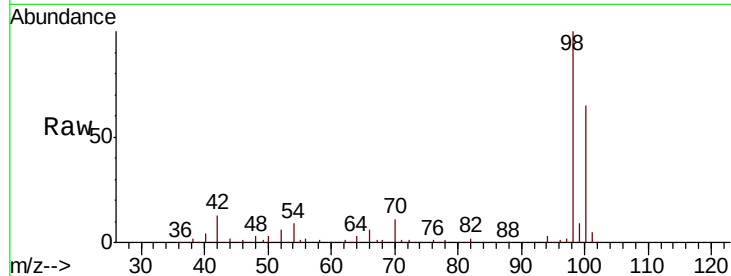
196-00-(1)

Tot Ion: 98 Resp: 413580

Ion Ratio Lower Upper

98 100

100 66.4 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

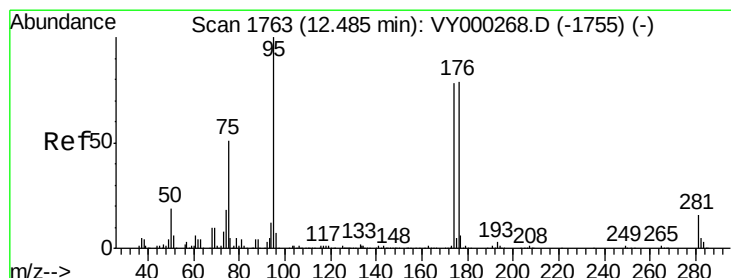
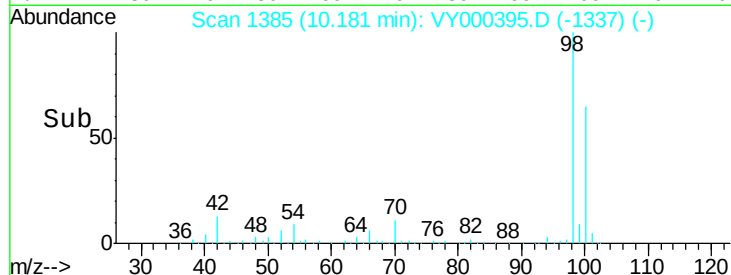
100000

50000

0

10.10 10.20 10.30

Time-->



#62

4-Bromofluorobenzene

Concen: 35.730 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY000395.D

Acq: 23 Oct 2019 20:37

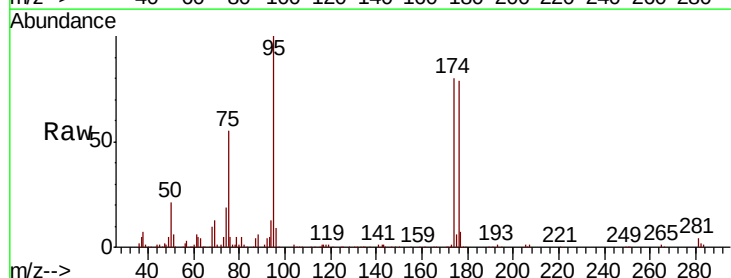
Tgt Ion: 95 Resp: 116008

Ion Ratio Lower Upper

95 100

174 84.4 0.0 159.6

176 84.8 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

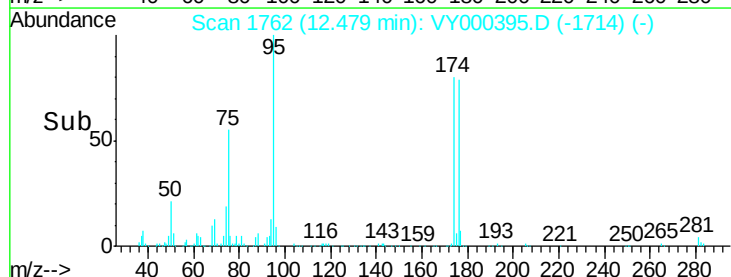
40000

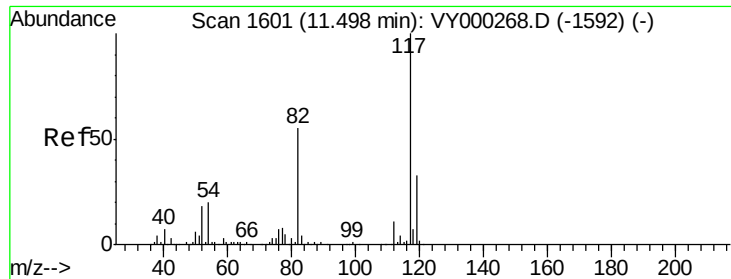
20000

0

12.40 12.45 12.50 12.55

Time-->

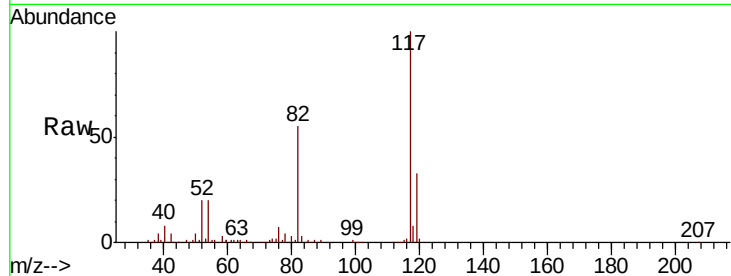




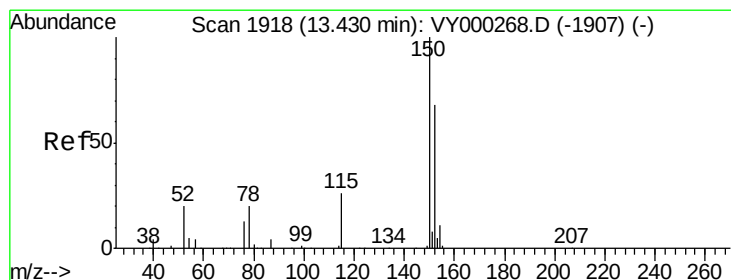
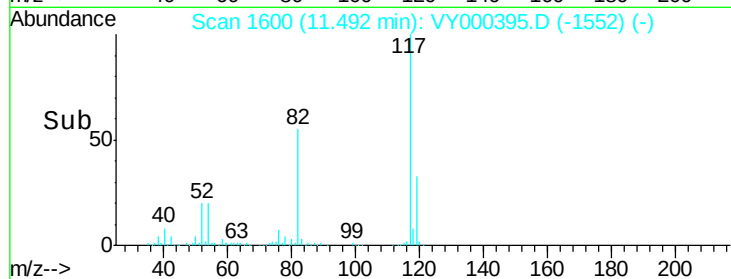
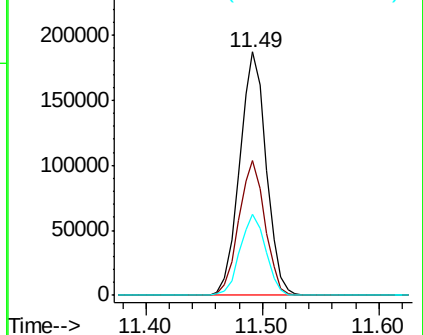
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000395.D
Acq: 23 Oct 2019 20:37

Instrument :
MSVOA_Y
ClientSampleId :
196-00-(1)

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.3	43.7	65.5
119	33.3	26.6	39.8

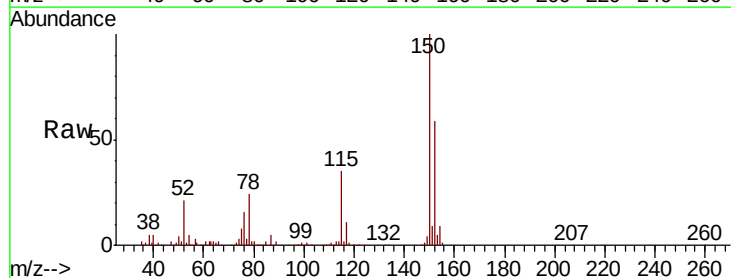


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000395.D
Acq: 23 Oct 2019 20:37

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.8	29.3	88.0
150	161.9	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

