

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102419\
 Data File : VY000403.D
 Acq On : 24 Oct 2019 12:35
 Operator : SY/MD
 Sample : VY1024SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1024SBL01

Quant Time: Oct 25 06:51:28 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	240170	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	401225	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	350041	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	151892	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	135673	53.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.10%	
35) Dibromofluoromethane	7.73	113	118473	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	
50) Toluene-d8	10.18	98	466621	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	
62) 4-Bromofluorobenzene	12.48	95	150519	42.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.12%	

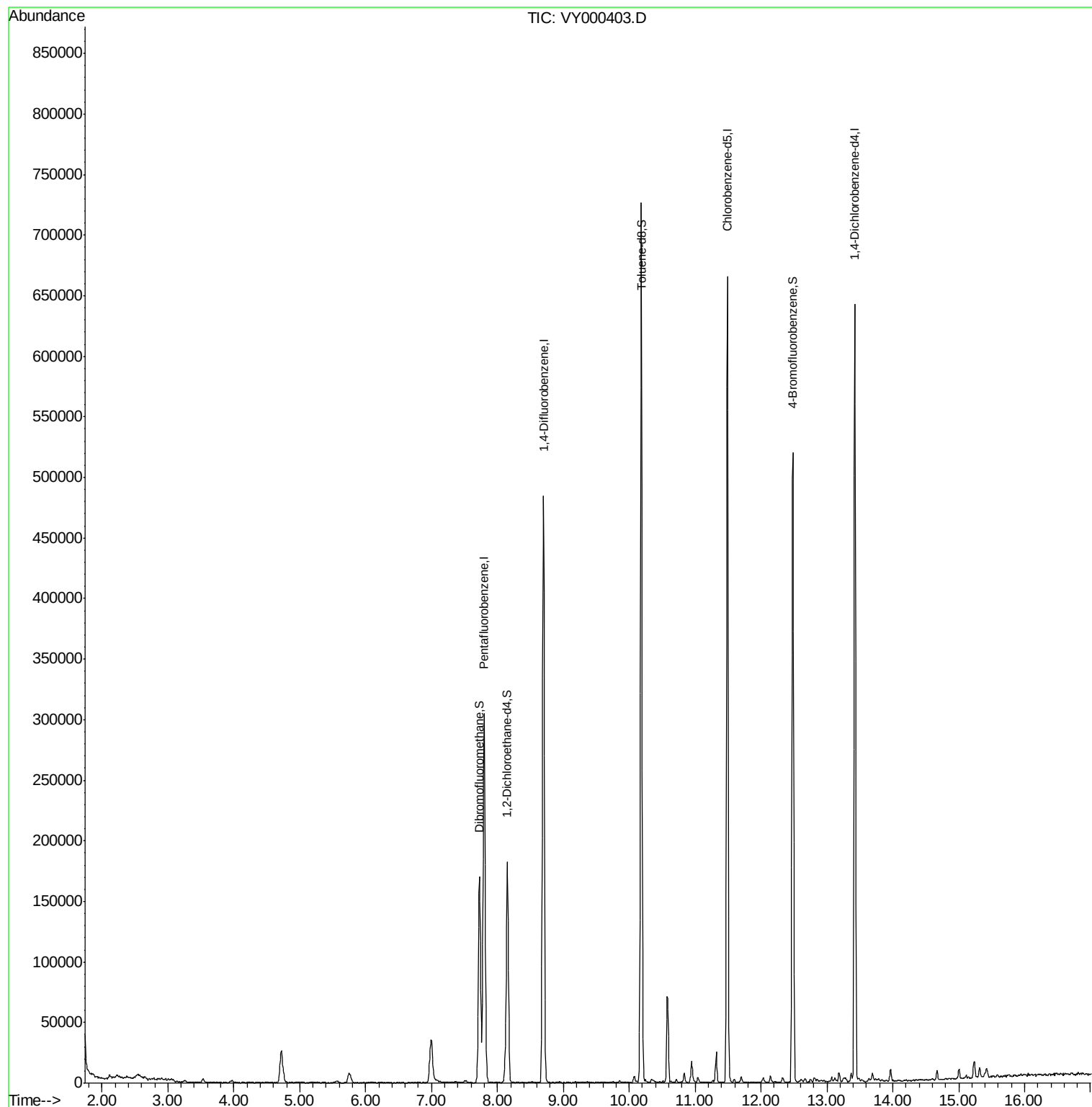
Target Compounds	Qvalue

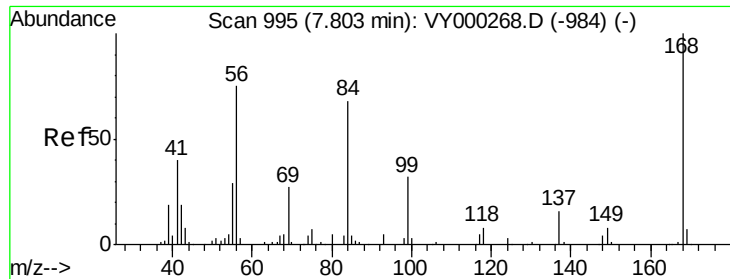
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY000403.D

Acq: 24 Oct 2019 12:35

Instrument :

MSVOA_Y

ClientSampleId :

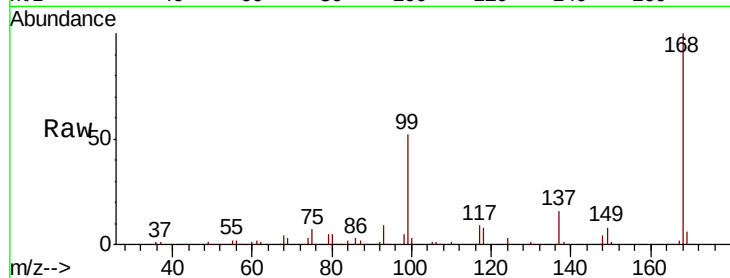
VY1024SBL01

Tot Ion:168 Resp: 240170

Ion Ratio Lower Upper

168 100

99 51.6 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000403.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000403.D (-946) (-)

7.80

100000

80000

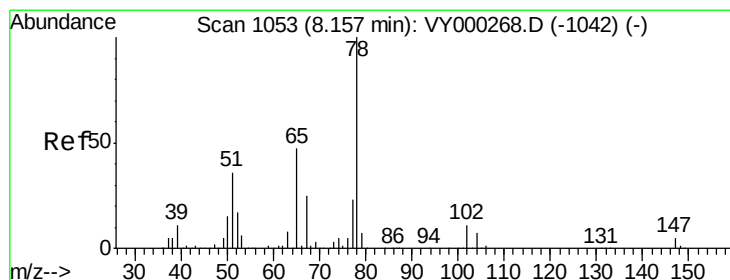
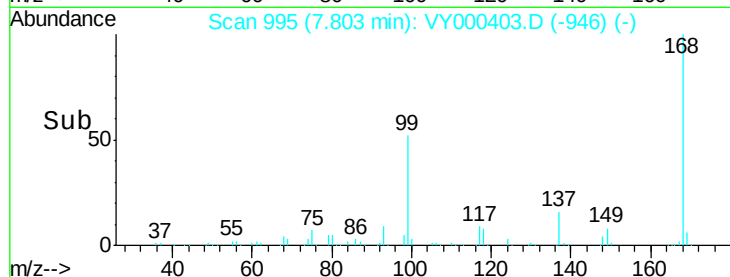
60000

40000

20000

0

Time--> 7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 53.553 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY000403.D

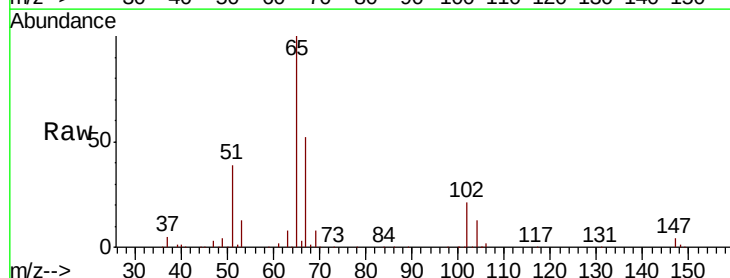
Acq: 24 Oct 2019 12:35

Tgt Ion: 65 Resp: 135673

Ion Ratio Lower Upper

65 100

67 51.7 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VY000403.D (-1004) (-)

Ion 66.90 (66.60 to 67.60): VY000403.D (-1004) (-)

8.15

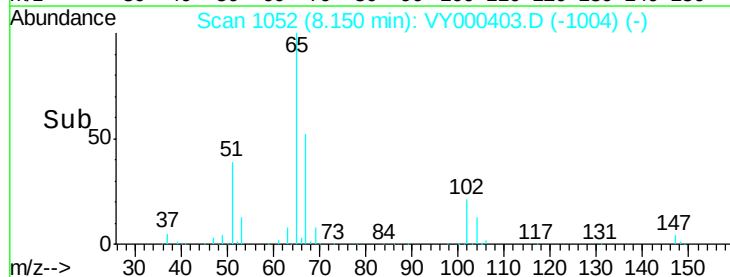
60000

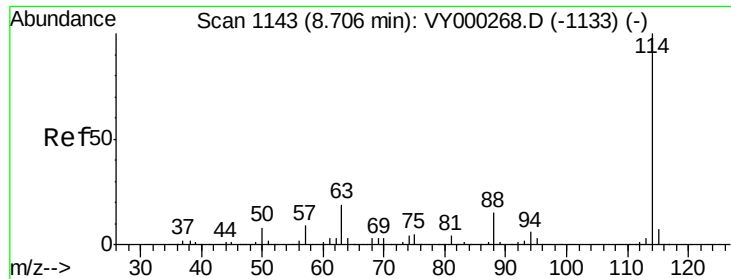
40000

20000

0

Time--> 8.10 8.20

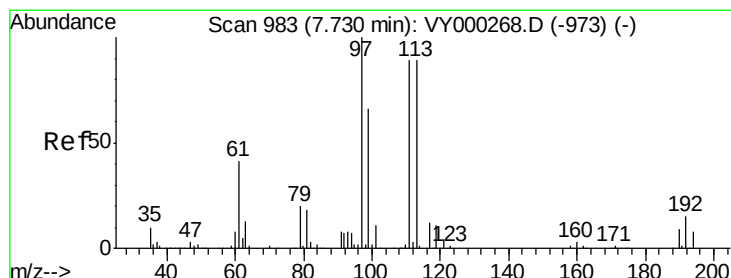
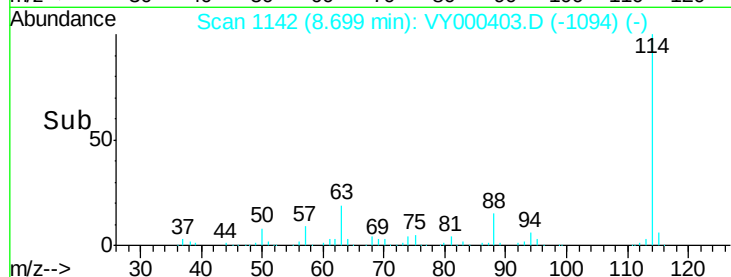
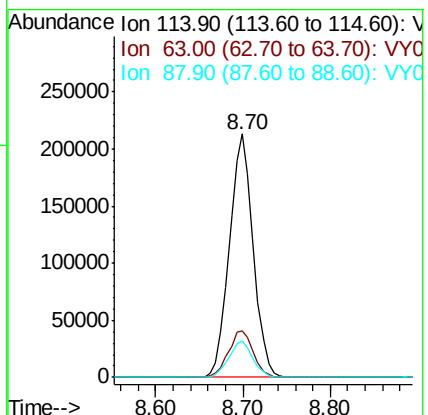
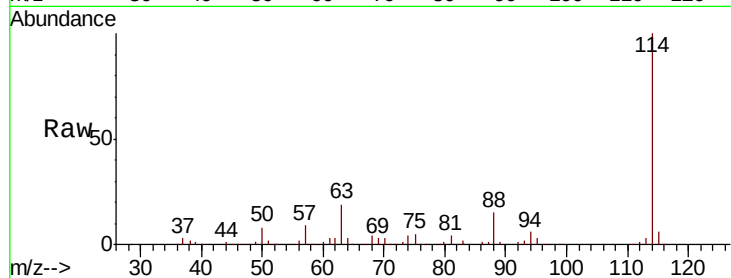




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VY000403.D
Acq: 24 Oct 2019 12:35

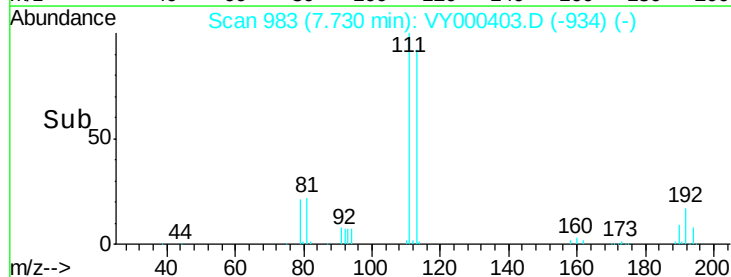
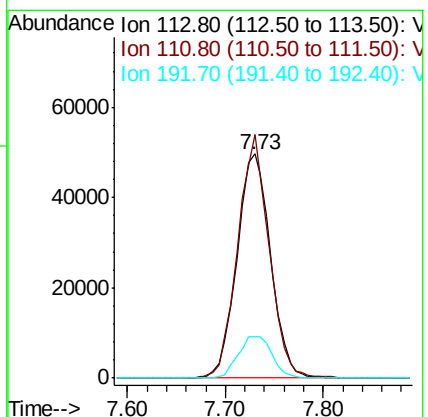
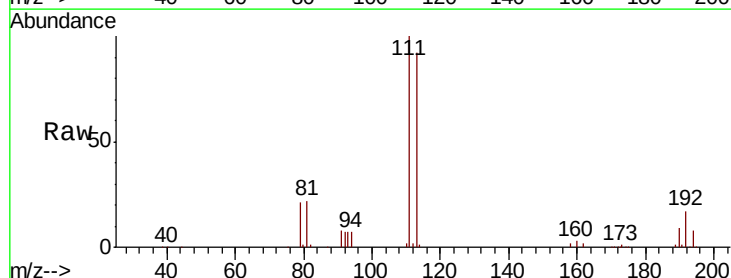
Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBL01

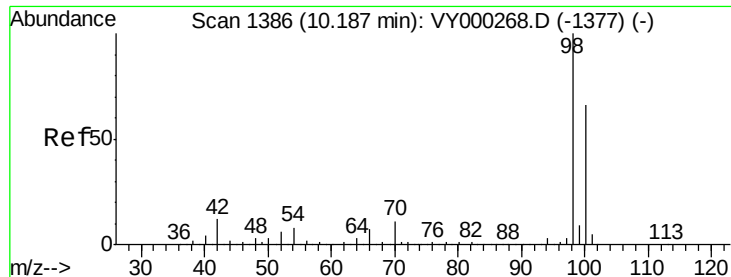
Tot Ion:114 Resp: 401225
Ion Ratio Lower Upper
114 100
63 19.2 0.0 37.2
88 15.2 0.0 30.2



#35
Dibromofluoromethane
Concen: 48.951 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY000403.D
Acq: 24 Oct 2019 12:35

Tgt Ion:113 Resp: 118473
Ion Ratio Lower Upper
113 100
111 101.4 81.6 122.4
192 18.8 15.3 22.9





#50

Toluene-d8

Concen: 50.121 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY000403.D

Acq: 24 Oct 2019 12:35

Instrument :

MSVOA_Y

ClientSampleId :

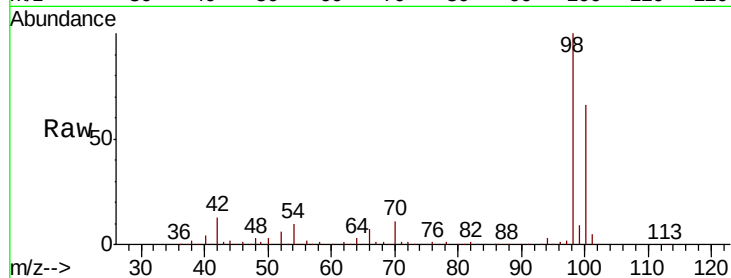
VY1024SBL01

Tot Ion: 98 Resp: 466621

Ion Ratio Lower Upper

98 100

100 66.1 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

10.18

250000

200000

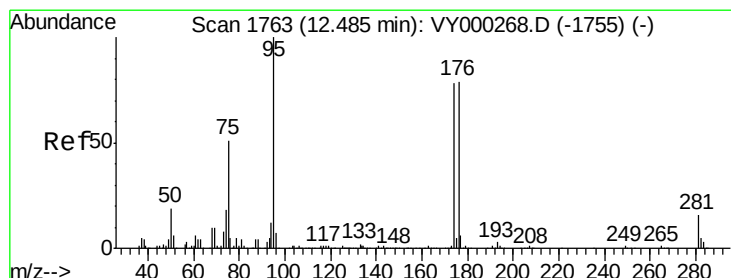
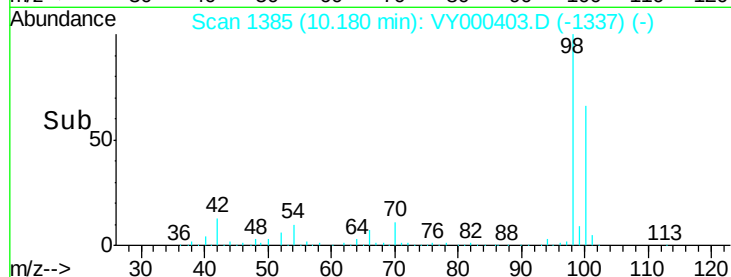
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 42.556 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY000403.D

Acq: 24 Oct 2019 12:35

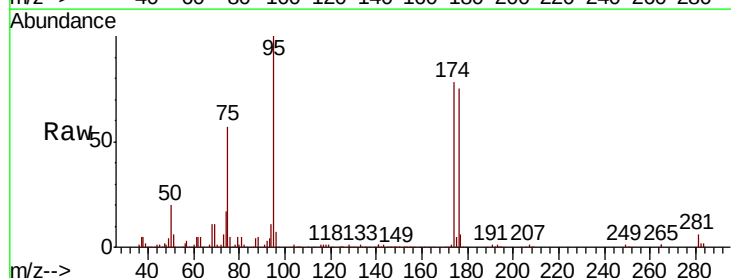
Tgt Ion: 95 Resp: 150519

Ion Ratio Lower Upper

95 100

174 82.4 0.0 159.6

176 79.7 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

12.48

120000

100000

80000

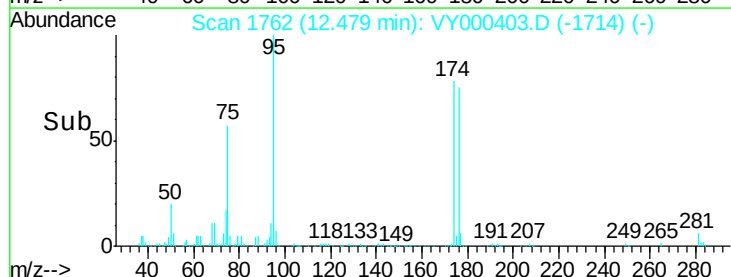
60000

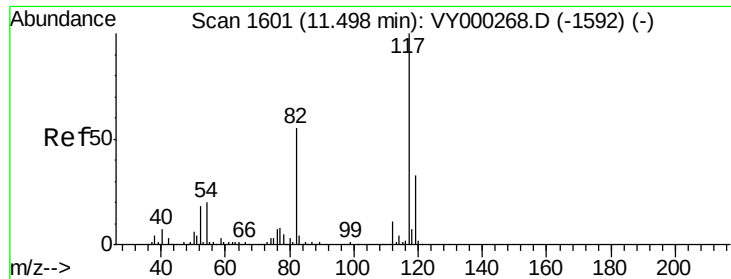
40000

20000

0

Time-->

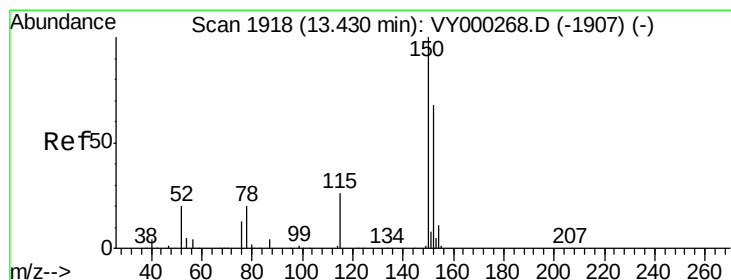
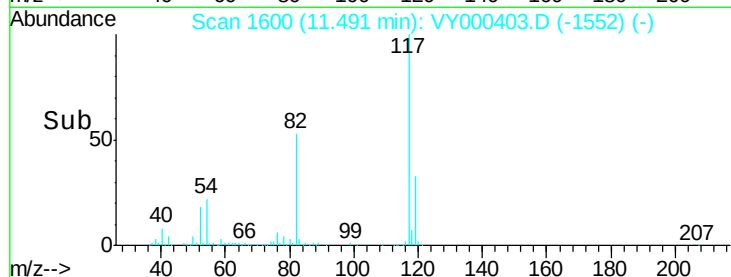
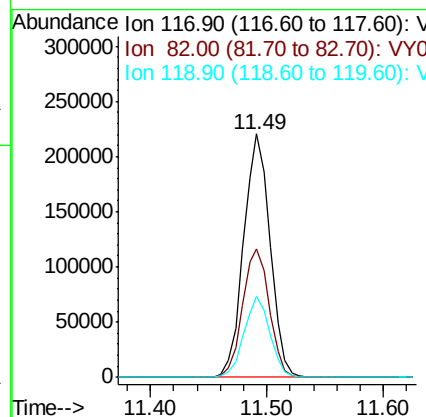
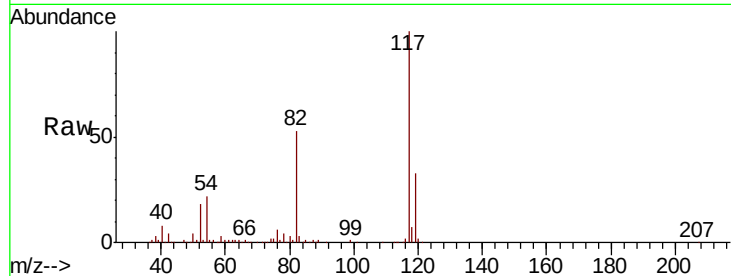




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000403.D
Acq: 24 Oct 2019 12:35

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.9	43.7	65.5
119	33.4	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: VY000403.D
Acq: 24 Oct 2019 12:35

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.4	29.3	88.0
150	161.1	0.0	348.4

