

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030620\
 Data File : VY001896.D
 Acq On : 06 Mar 2020 13:03
 Operator : SY/MD
 Sample : L1762-10
 Misc : 5.37G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-08-030520

Quant Time: Mar 06 23:32:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	23481	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	39919	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	31645	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	11816	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.18	65	12167	48.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.08%	
35) Dibromofluoromethane	7.75	113	10896	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
50) Toluene-d8	10.20	98	47214	51.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.74%	
62) 4-Bromofluorobenzene	12.50	95	12989	40.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.28%	

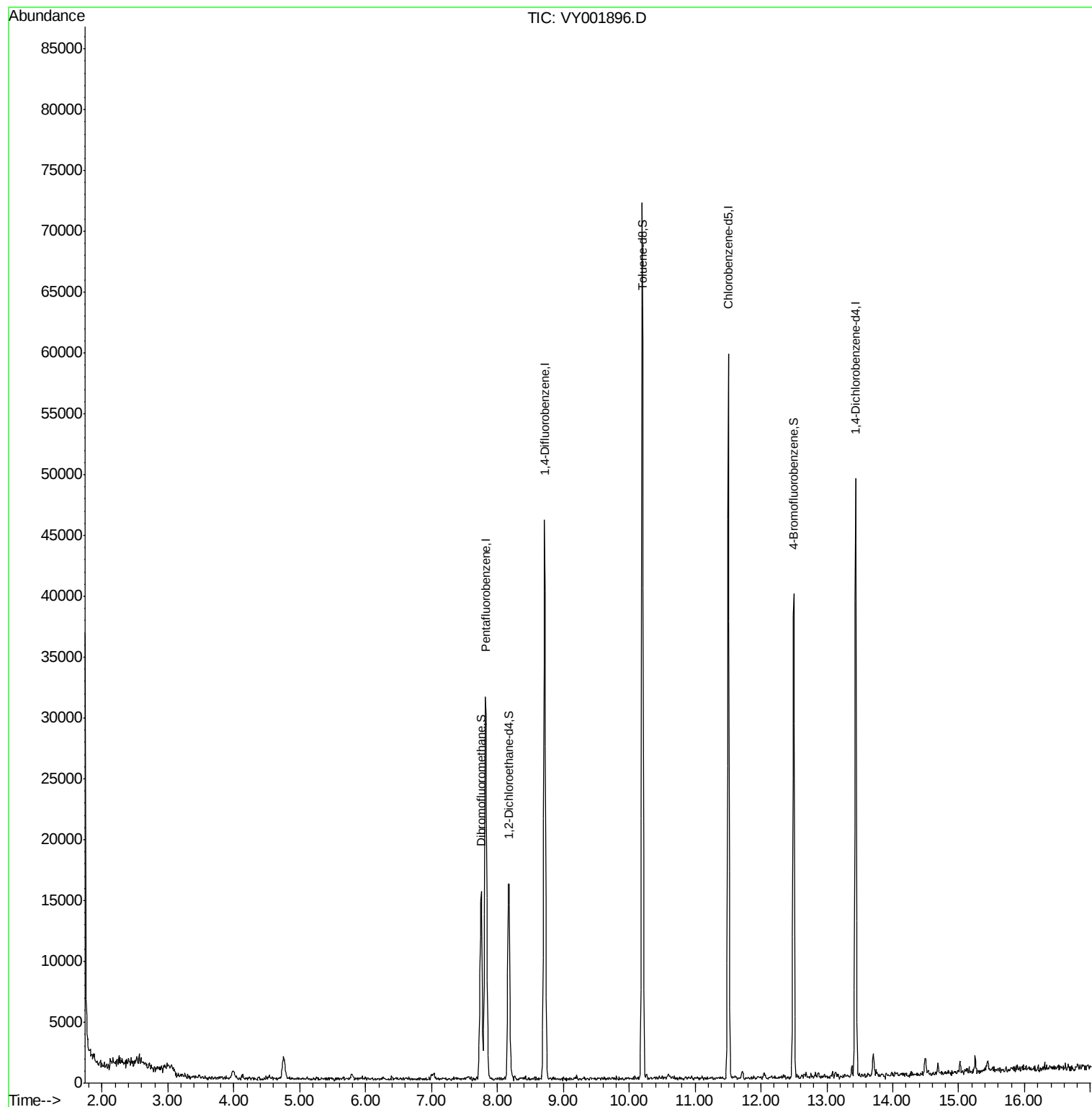
Target Compounds	Qvalue

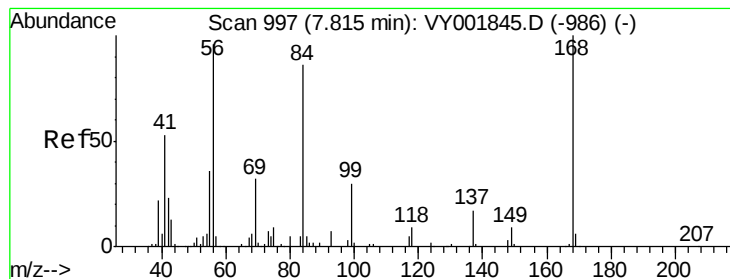
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY030620\
Data File : VY001896.D
Acq On : 06 Mar 2020 13:03
Operator : SY/MD
Sample : L1762-10
Misc : 5.37G/5ML/MSVOA Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-08-030520

Quant Time: Mar 06 23:32:46 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 04:05:33 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001896.D

Acq: 06 Mar 2020 13:03

Instrument :

MSVOA_Y

ClientSampleId :

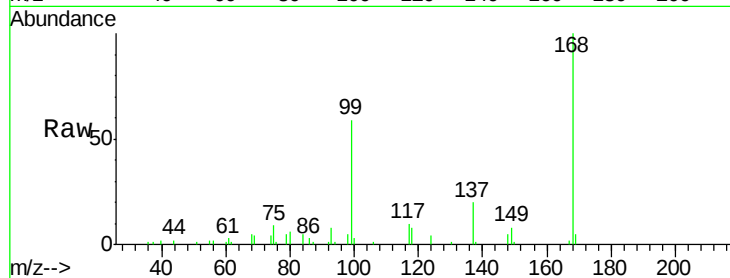
TR-08-030520

Tot Ion:168 Resp: 23481

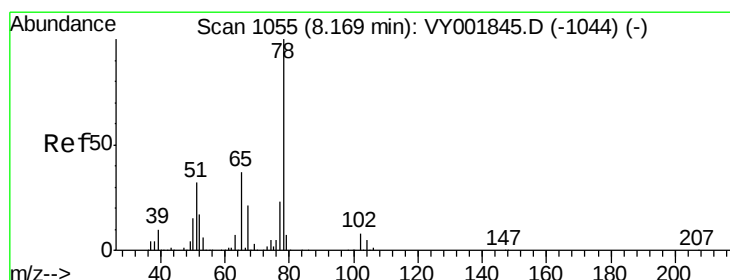
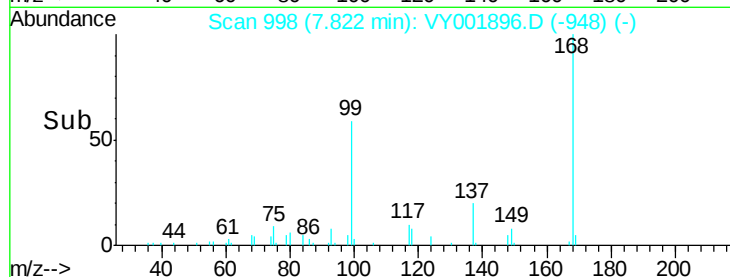
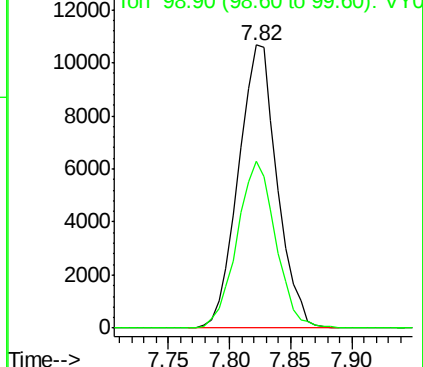
Ion Ratio Lower Upper

168 100

99 58.8 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)



#33

1,2-Dichloroethane-d4

Concen: 48.537 ug/l

RT: 8.18 min Scan# 1056

Delta R.T. 0.01 min

Lab File: VY001896.D

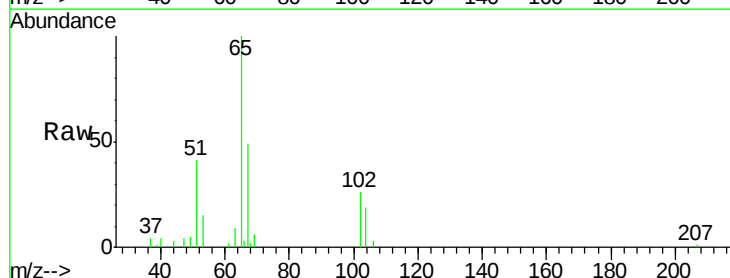
Acq: 06 Mar 2020 13:03

Tgt Ion: 65 Resp: 12167

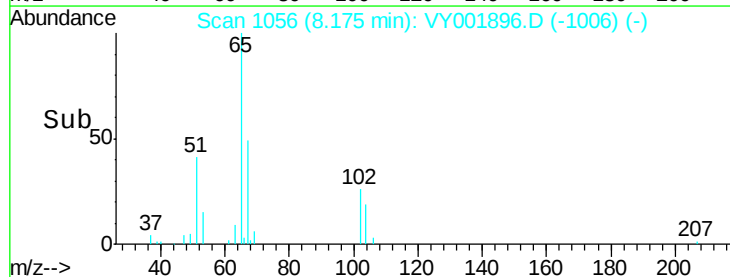
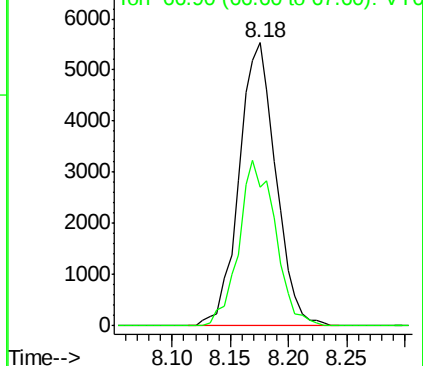
Ion Ratio Lower Upper

65 100

67 58.0 0.0 110.8



Abundance Ion 64.90 (64.60 to 65.60): VY001845.D (-1044) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.72 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VY001896.D

Acq: 06 Mar 2020 13:03

Instrument :

MSVOA_Y

ClientSampleId :

TR-08-030520

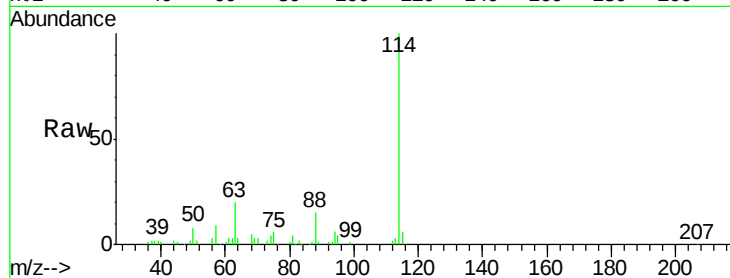
Tot Ion:114 Resp: 39919

Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.4

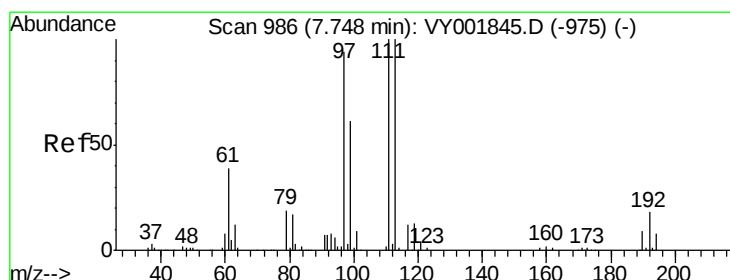
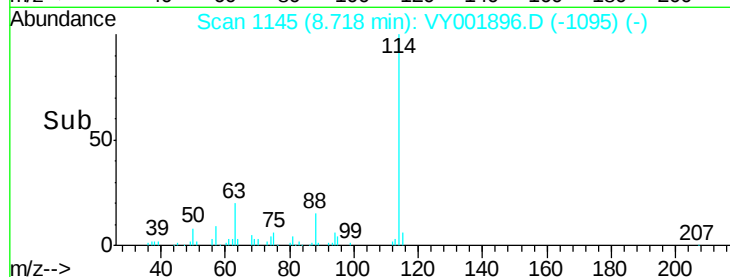
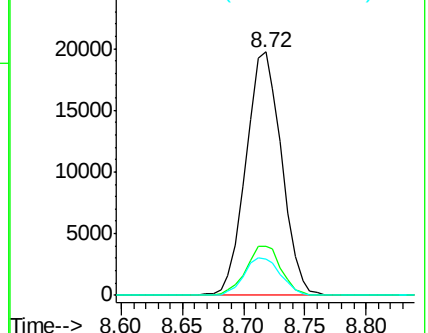
88 14.7 0.0 30.4



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: 49.987 ug/l

RT: 7.75 min Scan# 987

Delta R.T. 0.01 min

Lab File: VY001896.D

Acq: 06 Mar 2020 13:03

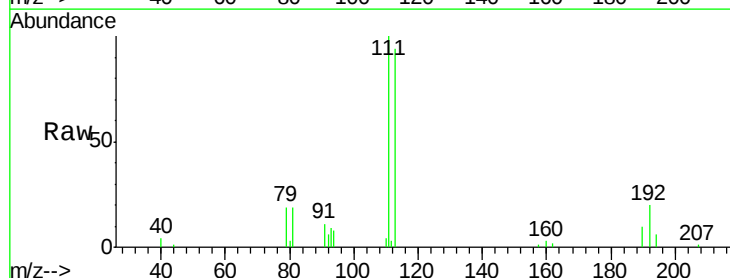
Tgt Ion:113 Resp: 10896

Ion Ratio Lower Upper

113 100

111 102.2 81.8 122.8

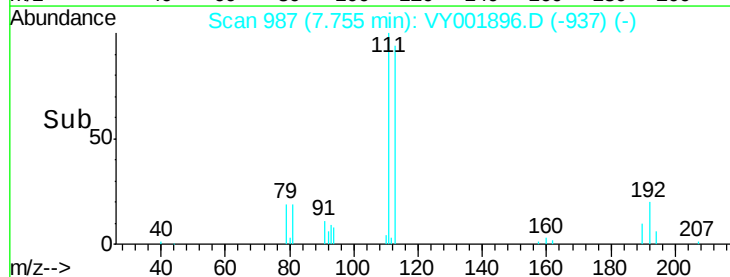
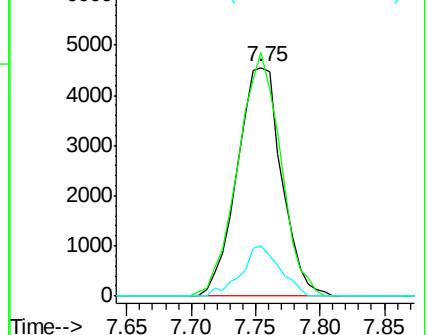
192 19.0 14.2 21.2

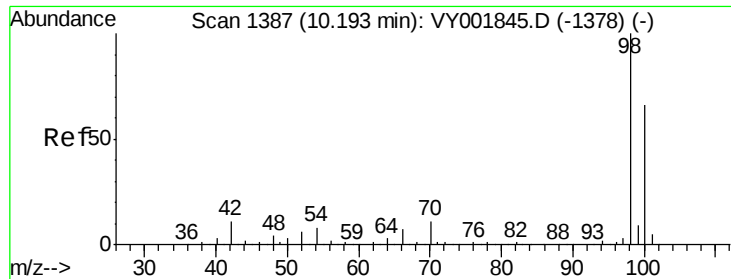


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.366 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001896.D

Acq: 06 Mar 2020 13:03

Instrument :

MSVOA_Y

ClientSampleId :

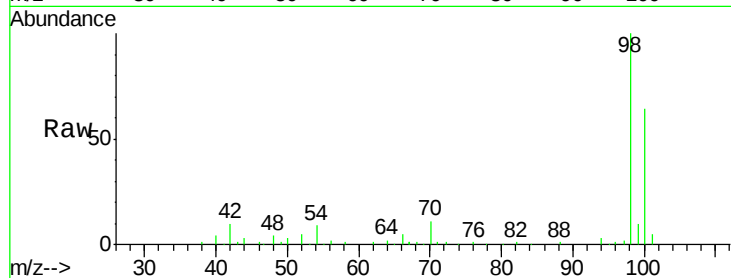
TR-08-030520

Tot Ion: 98 Resp: 47214

Ion Ratio Lower Upper

98 100

100 64.9 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY001845.D (-1378) (-)

Ion 100.00 (99.70 to 100.70): VY001845.D (-1378) (-)

10.20

30000

25000

20000

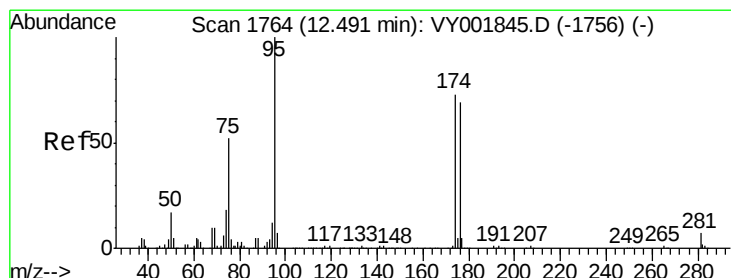
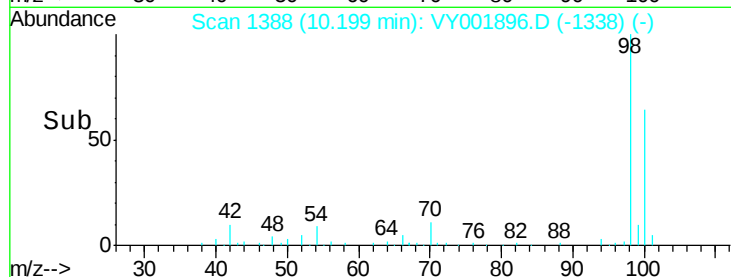
15000

10000

5000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 40.641 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.01 min

Lab File: VY001896.D

Acq: 06 Mar 2020 13:03

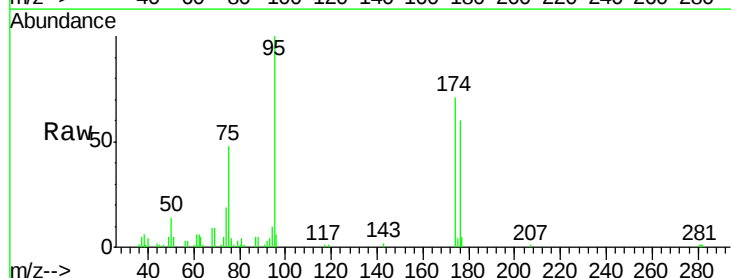
Tgt Ion: 95 Resp: 12989

Ion Ratio Lower Upper

95 100

174 73.5 0.0 145.0

176 68.5 0.0 137.4



Abundance Ion 94.90 (94.60 to 95.60): VY001845.D (-1756) (-)

Ion 173.80 (173.50 to 174.50): VY001845.D (-1756) (-)

Ion 175.80 (175.50 to 176.50): VY001845.D (-1756) (-)

12000

10000

8000

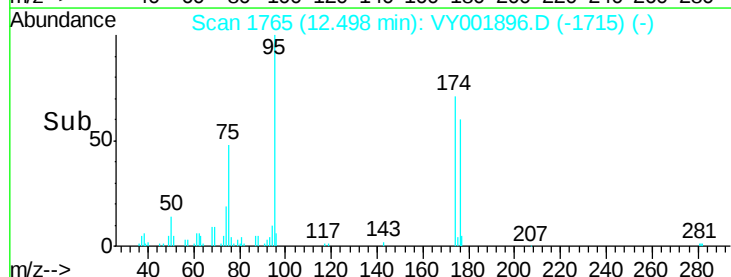
6000

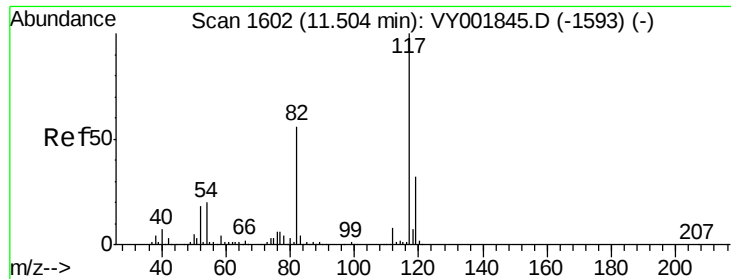
4000

2000

0

Time-->

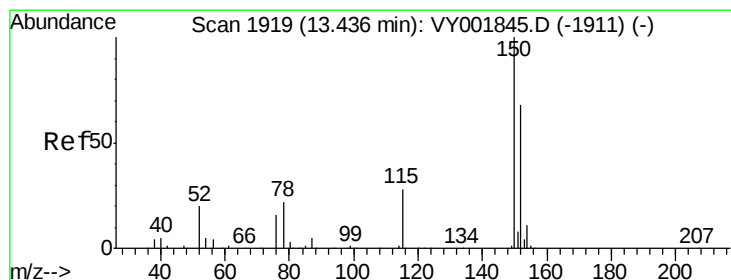
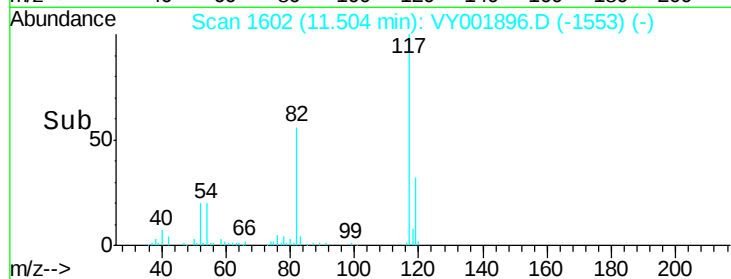
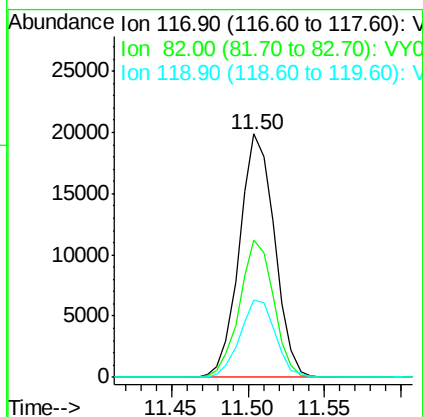
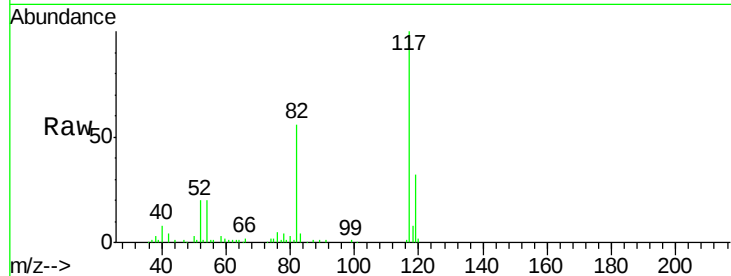




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001896.D
Acq: 06 Mar 2020 13:03

Instrument :
MSVOA_Y
ClientSampled :
TR-08-030520

Tot Ion:117 Resp: 31645
Ion Ratio Lower Upper
117 100
82 56.5 44.5 66.7
119 31.7 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VY001896.D
Acq: 06 Mar 2020 13:03

Tgt Ion:152 Resp: 11816
Ion Ratio Lower Upper
152 100
115 63.9 29.9 89.7
150 159.1 0.0 340.6

