

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\vv032720\
 Data File : VY002106.D
 Acq On : 27 Mar 2020 15:31
 Operator : SY/MD
 Sample : L2049-03
 Misc : 5.11G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5-(1-3)

Quant Time: Apr 06 07:05:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

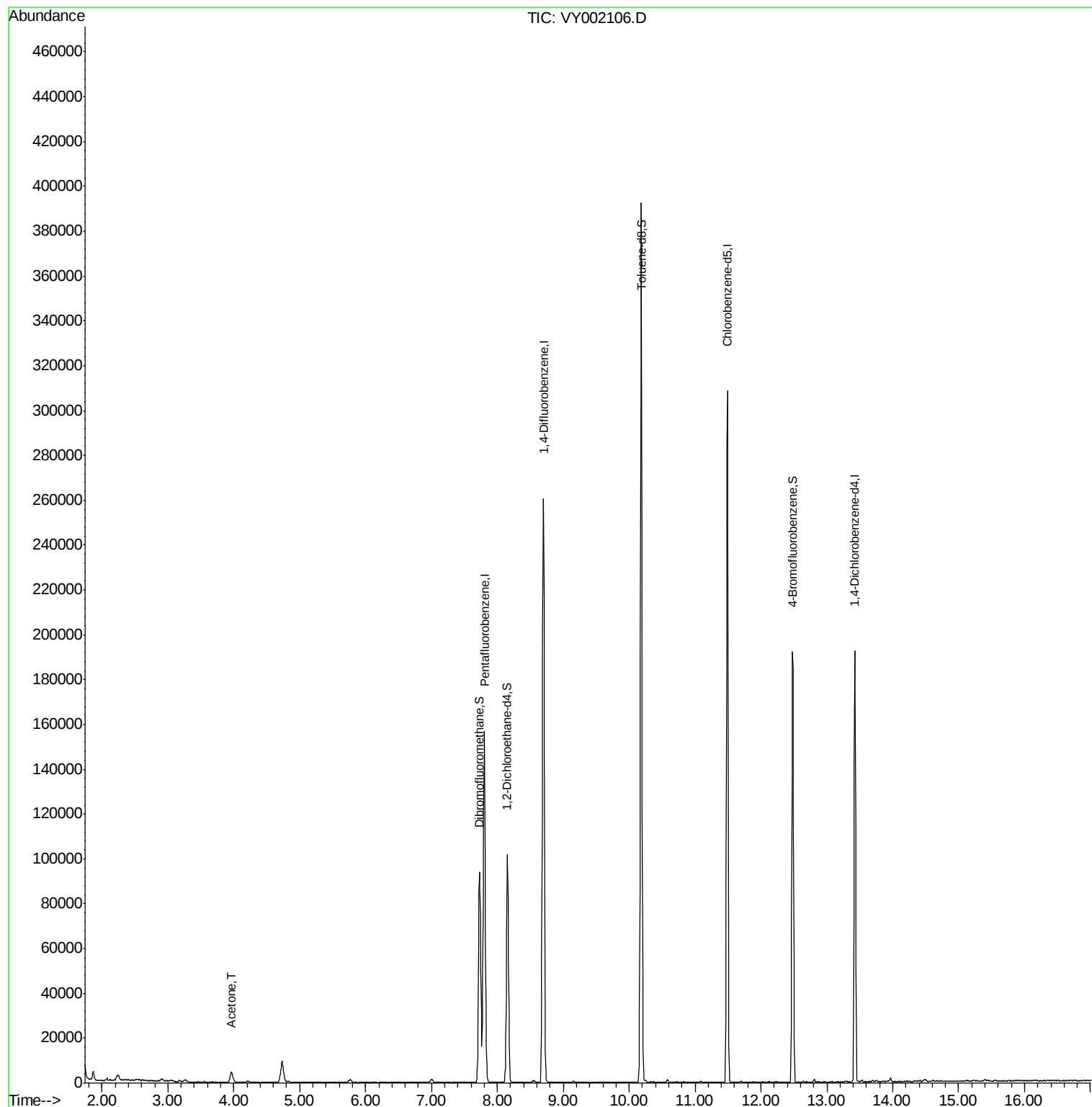
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	113259	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	219380	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	162344	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	45854	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	74649	59.62	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	119.24%	
35) Dibromofluoromethane	7.73	113	67234	54.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.40%	
50) Toluene-d8	10.18	98	248049	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.16%	
62) 4-Bromofluorobenzene	12.48	95	61667	34.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.06%	
Target Compounds						
16) Acetone	3.96	43	8611	24.480	ug/l	Qvalue 97

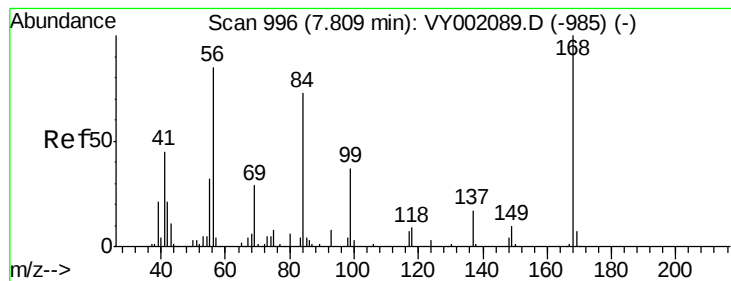
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002106.D

Acq: 27 Mar 2020 15:31

Instrument :

MSVOA_Y

ClientSampleId :

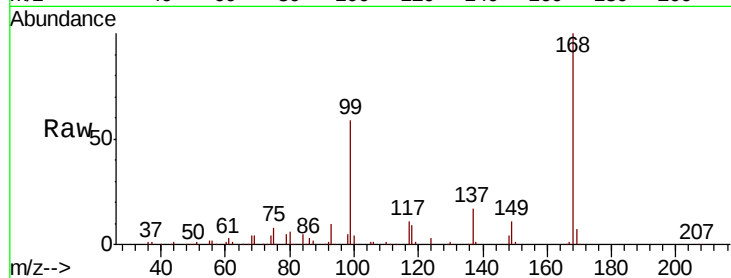
SB-5-(1-3)

Tot Ion:168 Resp: 113259

Ion Ratio Lower Upper

168 100

99 58.9 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002089.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002089.D (-985) (-)

7.80

60000

50000

40000

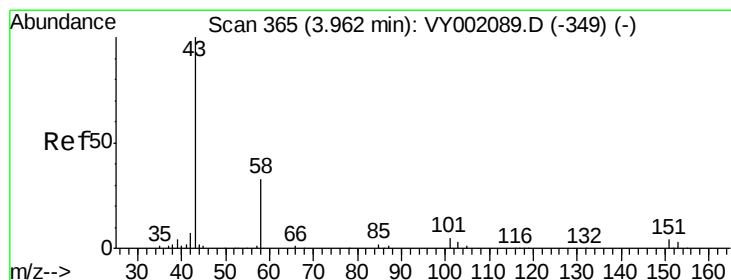
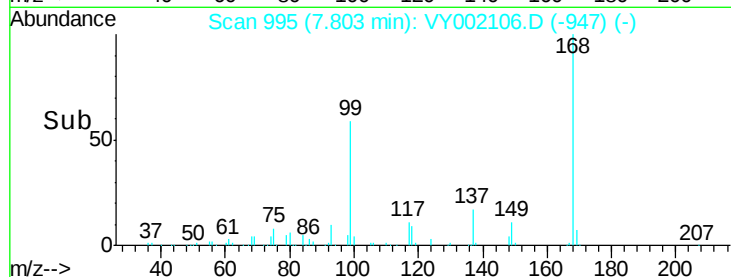
30000

20000

10000

0

Time-->



#16

Acetone

Concen: 24.480 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.00 min

Lab File: VY002106.D

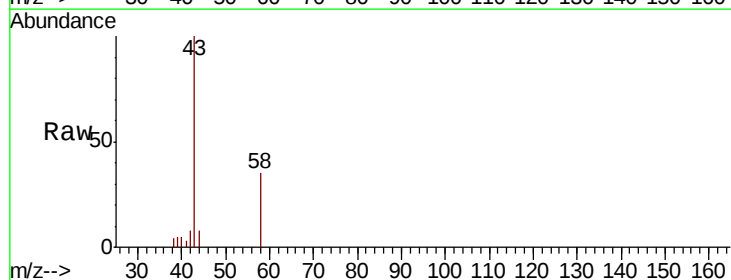
Acq: 27 Mar 2020 15:31

Tgt Ion: 43 Resp: 8611

Ion Ratio Lower Upper

43 100

58 34.7 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VY002089.D (-349) (-)

Ion 58.00 (57.70 to 58.70): VY002089.D (-349) (-)

3.96

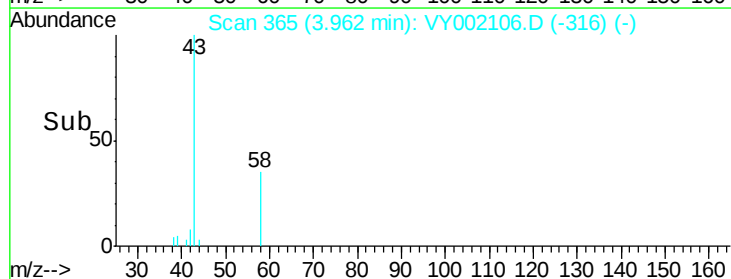
3000

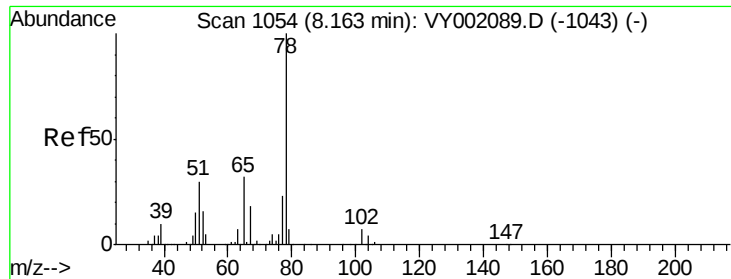
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 59.622 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY002106.D

Acq: 27 Mar 2020 15:31

Instrument :

MSVOA_Y

ClientSampleId :

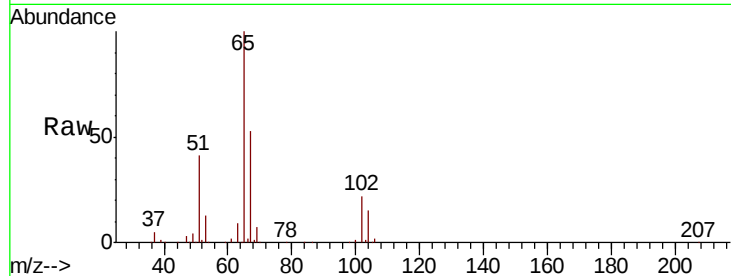
SB-5-(1-3)

Tot Ion: 65 Resp: 74649

Ion Ratio Lower Upper

65 100

67 55.6 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY002106.D (-1043) (-)

Ion 66.90 (66.60 to 67.60): VY002106.D (-1043) (-)

8.15

40000

30000

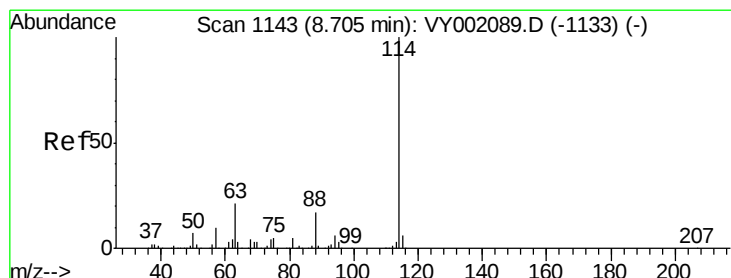
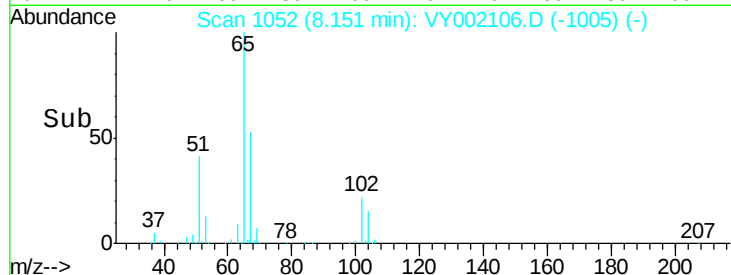
20000

10000

0

8.05 8.10 8.15 8.20 8.25

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY002106.D

Acq: 27 Mar 2020 15:31

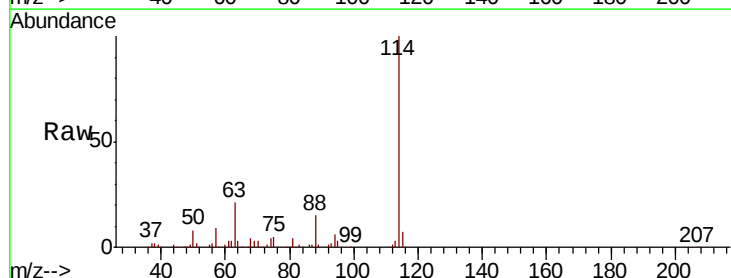
Tgt Ion: 114 Resp: 219380

Ion Ratio Lower Upper

114 100

63 20.9 0.0 41.4

88 15.3 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): VY002106.D (-1094) (-)

Ion 63.00 (62.70 to 63.70): VY002106.D (-1094) (-)

Ion 87.90 (87.60 to 88.60): VY002106.D (-1094) (-)

8.70

150000

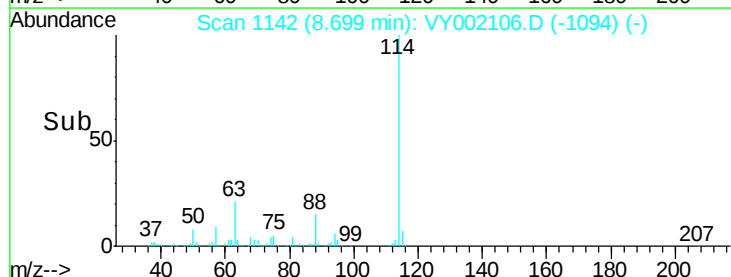
100000

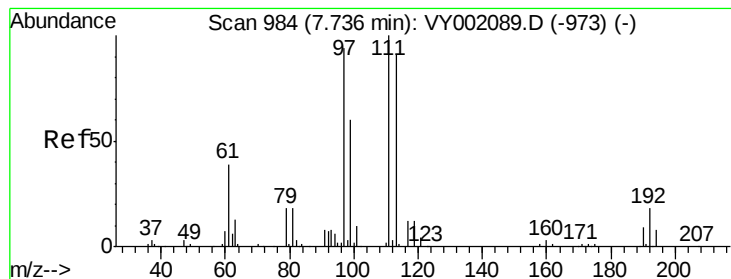
50000

0

8.60 8.70 8.80

Time-->





#35

Dibromofluoromethane

Concen: 54.697 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY002106.D

Acq: 27 Mar 2020 15:31

Instrument :

MSVOA_Y

ClientSampleId :

SB-5-(1-3)

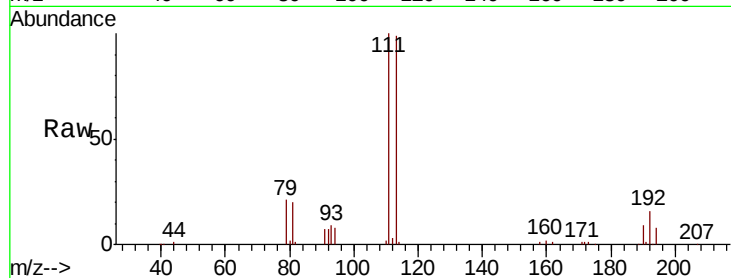
Tot Ion:113 Resp: 67234

Ion Ratio Lower Upper

113 100

111 103.0 84.4 126.6

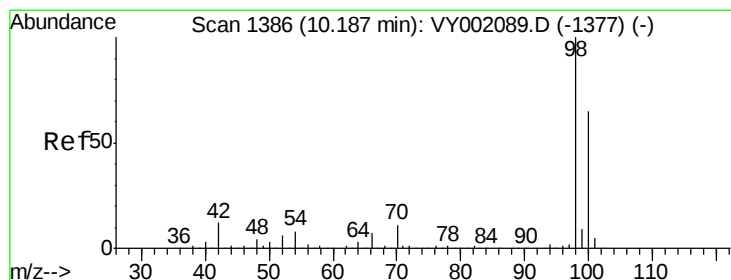
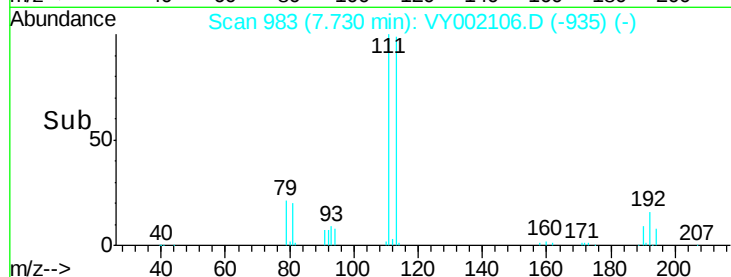
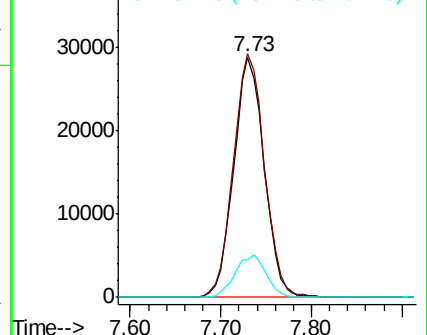
192 17.9 14.6 21.8



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: 48.575 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002106.D

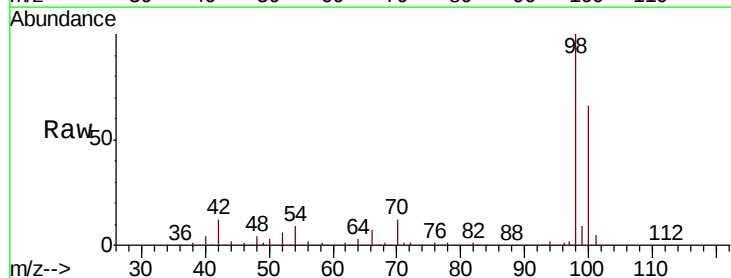
Acq: 27 Mar 2020 15:31

Tgt Ion: 98 Resp: 248049

Ion Ratio Lower Upper

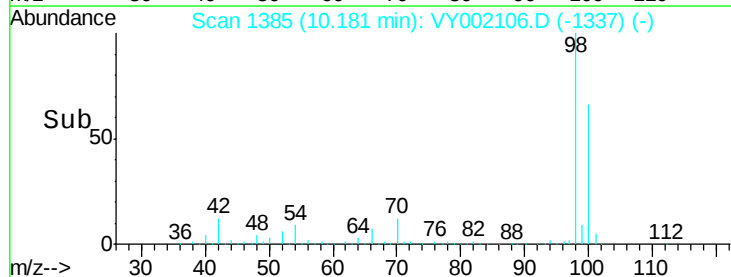
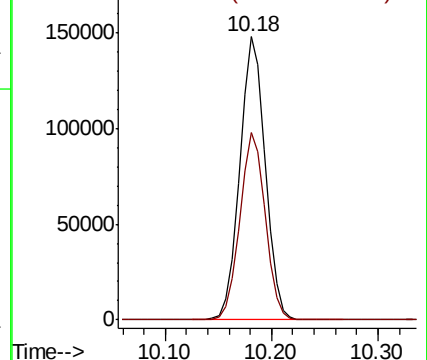
98 100

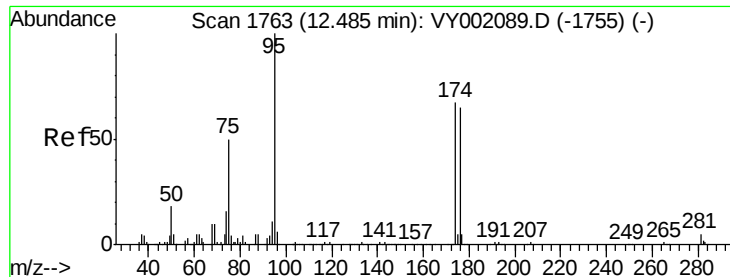
100 66.0 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

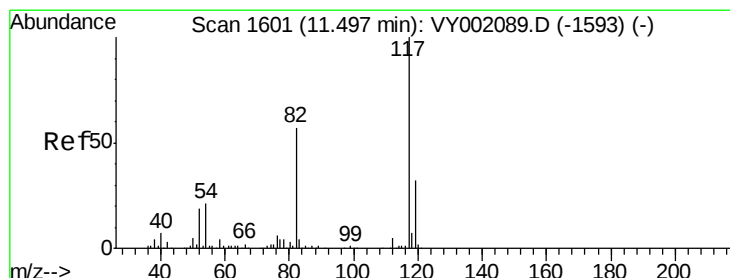
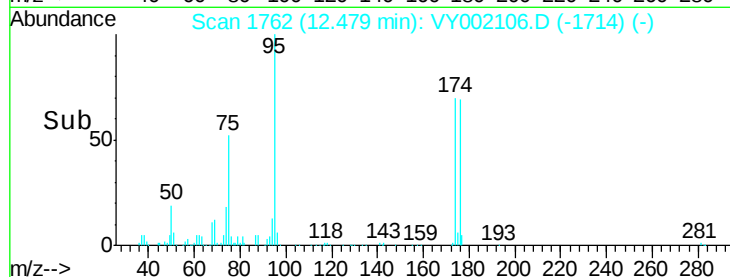
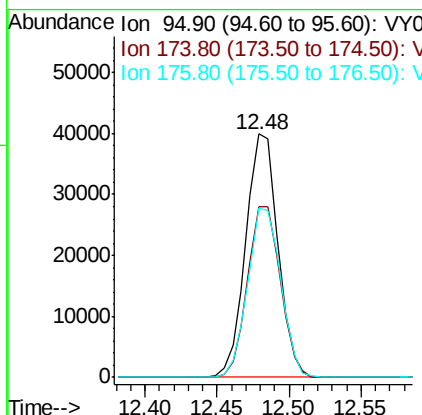
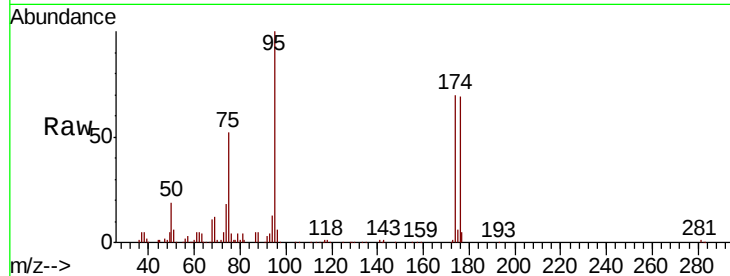




#62
4-Bromofluorobenzene
Concen: 34.530 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY002106.D
Acq: 27 Mar 2020 15:31

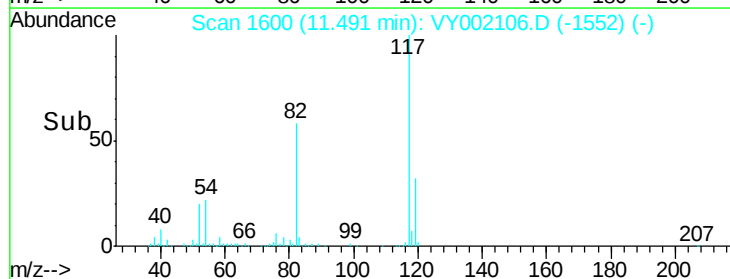
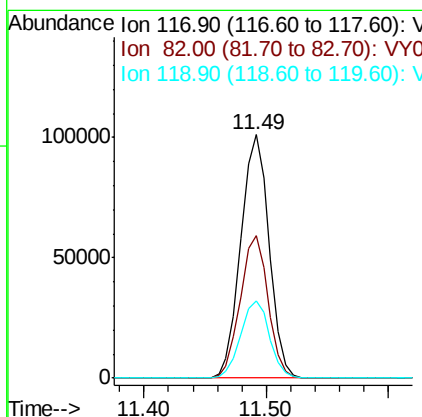
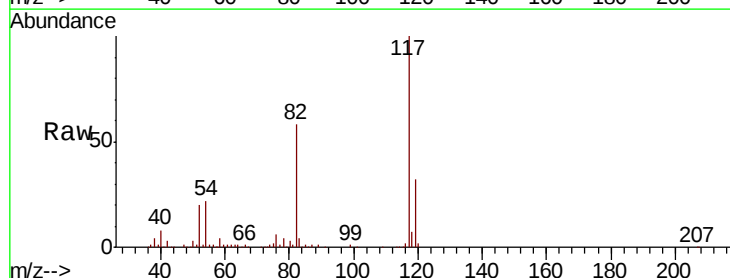
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-(1-3)

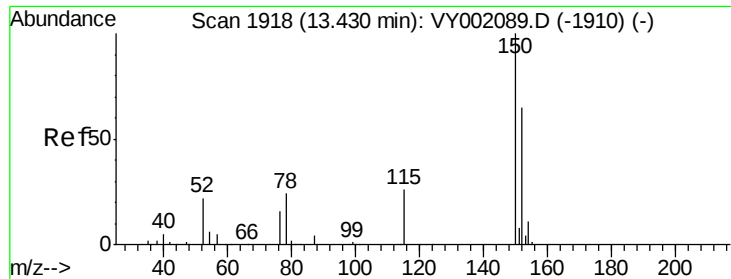
Tot Ion	95	Resp	61667
Ion Ratio	Lower	Upper	
95	100		
174	71.8	0.0	143.4
176	71.5	0.0	137.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002106.D
Acq: 27 Mar 2020 15:31

Tgt Ion	117	Resp	162344
Ion Ratio	Lower	Upper	
117	100		
82	58.3	45.4	68.2
119	31.7	25.3	37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.01 min

Lab File: VY002106.D

Acq: 27 Mar 2020 15:31

Instrument :

MSVOA_Y

ClientSampleId :

SB-5-(1-3)

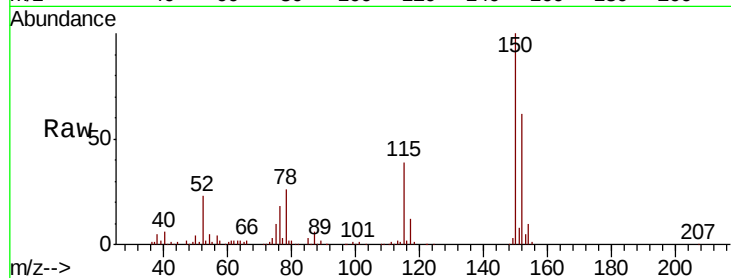
Tot Ion:152 Resp: 45854

Ion Ratio Lower Upper

152 100

115 61.8 31.2 93.6

150 159.7 0.0 354.8



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

