

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021920\
 Data File : VY001709.D
 Acq On : 19 Feb 2020 19:05
 Operator : SY/MD
 Sample : L1589-06
 Misc : 6.91G/5ML/MSVOA Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB8-2.0-2.5

Quant Time: Feb 20 06:40:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

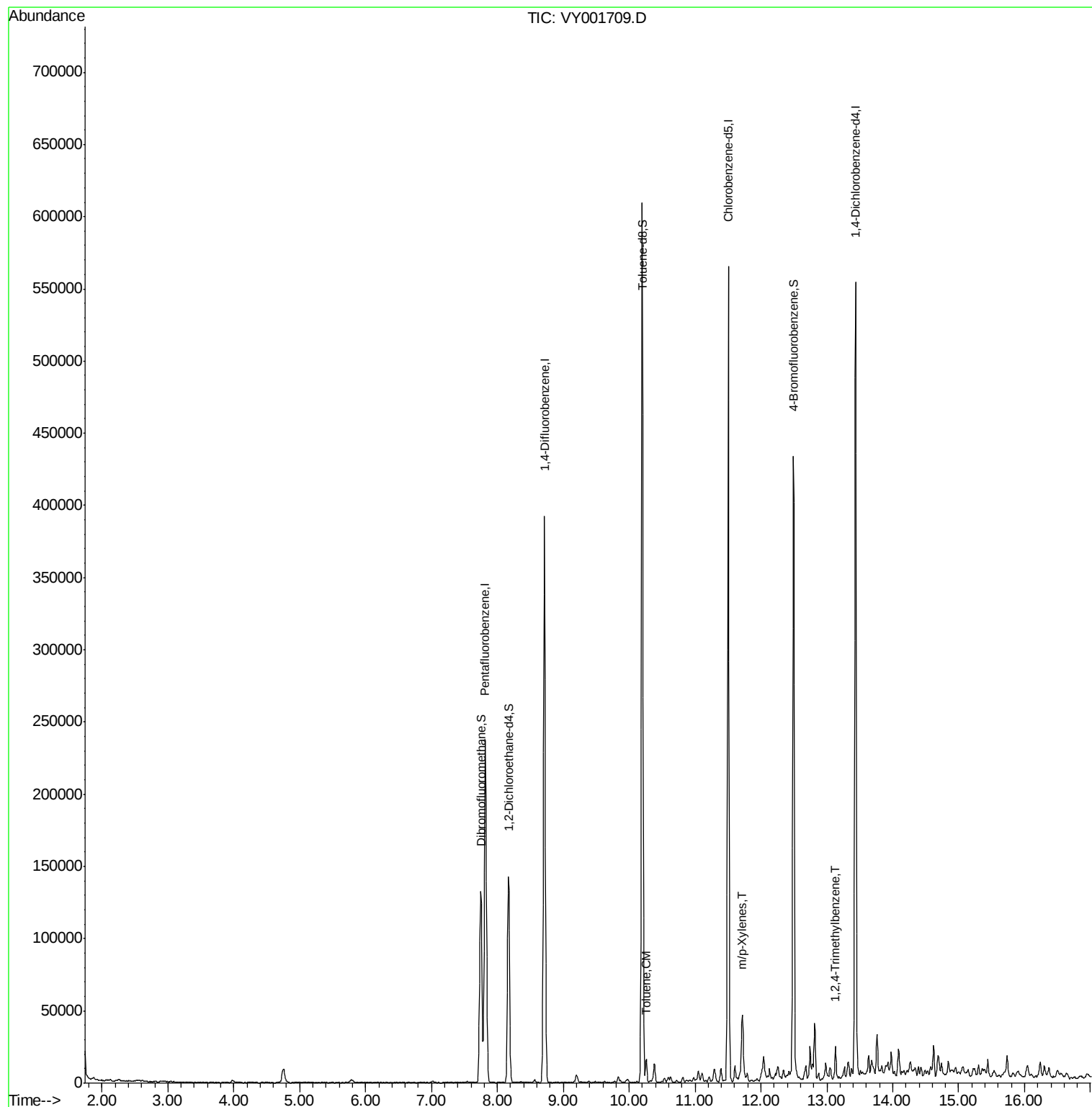
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	179526	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	333278	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	297860	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	132549	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	110043	56.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.98%	
35) Dibromofluoromethane	7.75	113	96819	50.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.44%	
50) Toluene-d8	10.20	98	401421	53.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.36%	
62) 4-Bromofluorobenzene	12.49	95	139271	47.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.88%	
Target Compounds						
52) Toluene	10.26	92	6939	1.188	ug/l	93
68) m/p-Xylenes	11.71	106	7479	1.814	ug/l	90
84) 1,2,4-Trimethylbenzene	13.13	105	11417	1.370	ug/l	97

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001709.D

Acq: 19 Feb 2020 19:05

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MSVOA_Y

ClientSampleId :

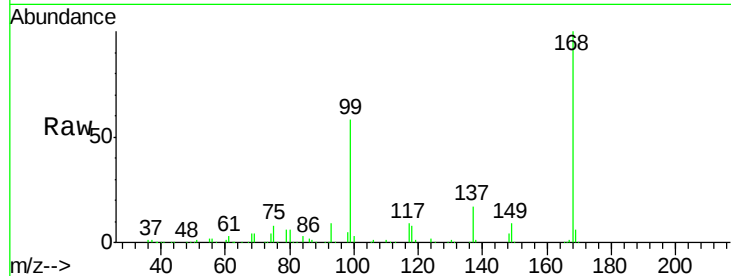
SB8-2.0-2.5

Tot Ion:168 Resp: 179526

Ion Ratio Lower Upper

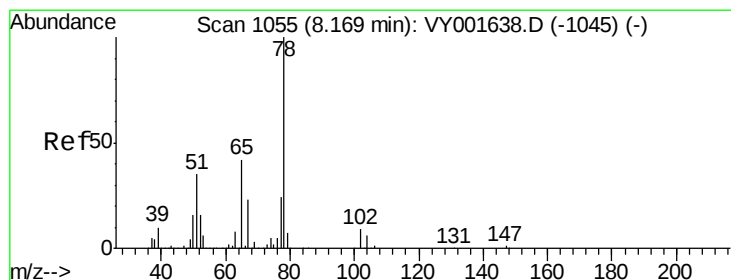
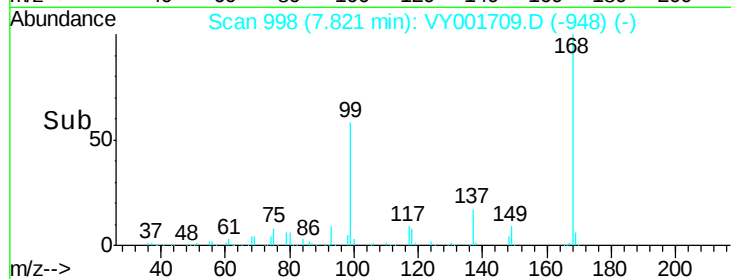
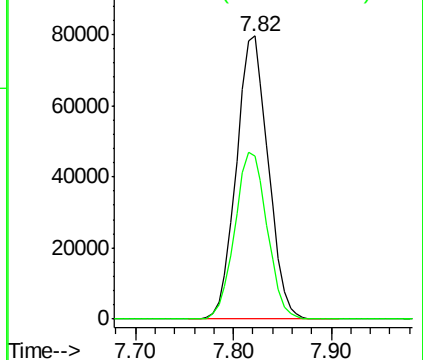
168 100

99 57.8 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001709.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001709.D (-948) (-)



#33

1,2-Dichloroethane-d4

Concen: 56.986 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.00 min

Lab File: VY001709.D

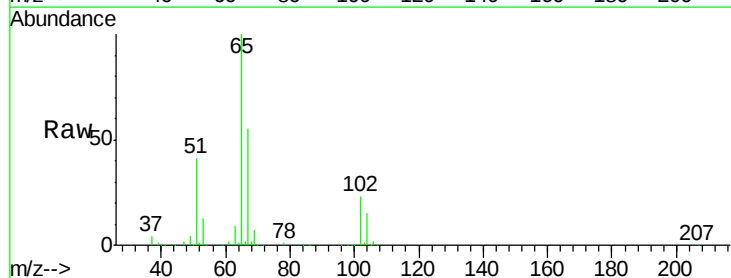
Acq: 19 Feb 2020 19:05

Tgt Ion: 65 Resp: 110043

Ion Ratio Lower Upper

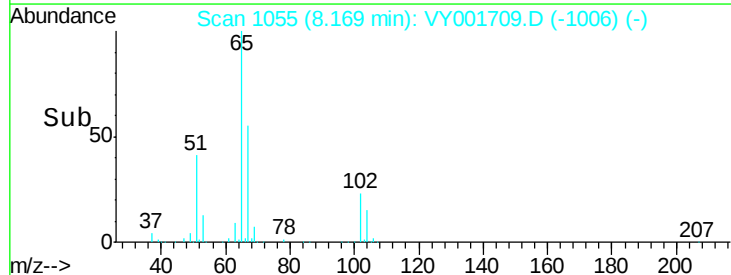
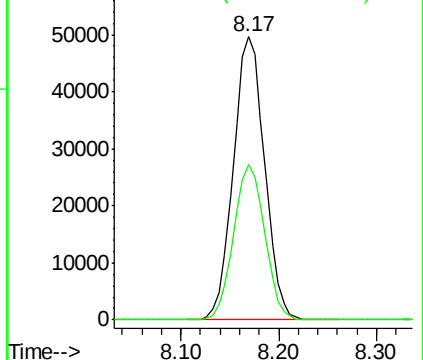
65 100

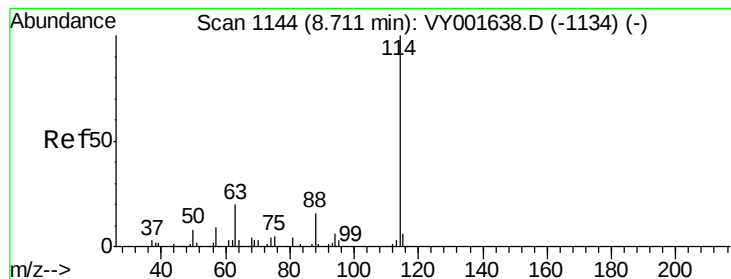
67 54.5 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY001709.D (-1006) (-)

Ion 66.90 (66.60 to 67.60): VY001709.D (-1006) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.00 min

Lab File: VY001709.D

Acq: 19 Feb 2020 19:05

Instrument :

MSVOA_Y

ClientSampleId :

SB8-2.0-2.5

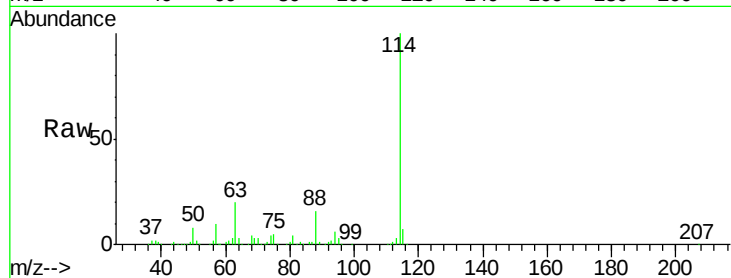
Tot Ion:114 Resp: 333278

Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.4

88 16.4 0.0 32.8



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

200000

150000

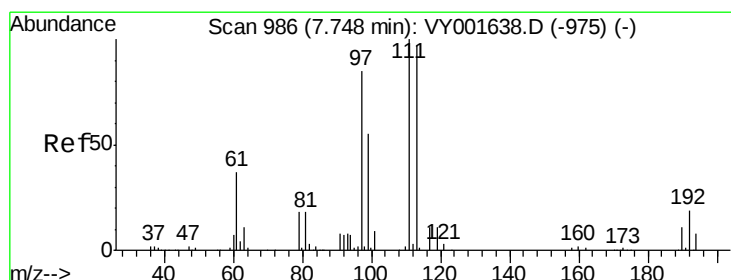
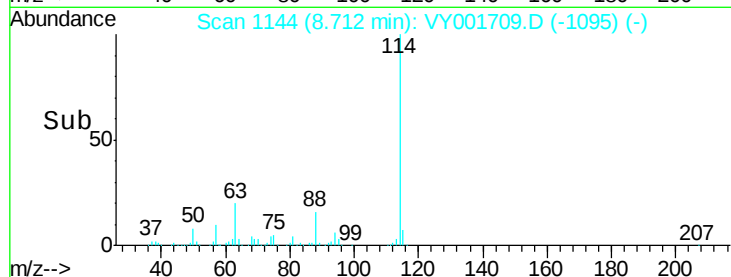
100000

50000

0

8.60 8.70 8.80

Time-->



#35

Dibromofluoromethane

Concen: 50.721 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.00 min

Lab File: VY001709.D

Acq: 19 Feb 2020 19:05

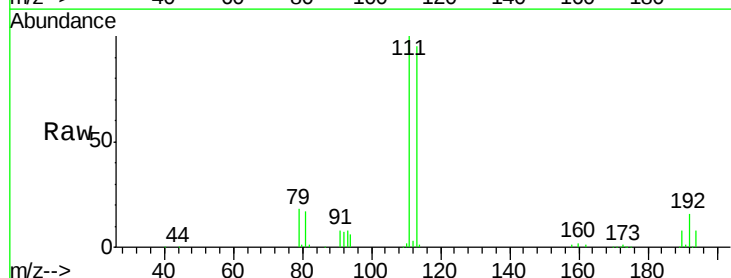
Tgt Ion:113 Resp: 96819

Ion Ratio Lower Upper

113 100

111 103.5 81.9 122.9

192 17.7 14.3 21.5



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

60000

50000

40000

30000

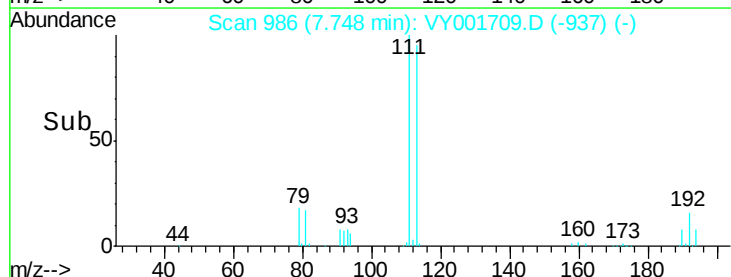
20000

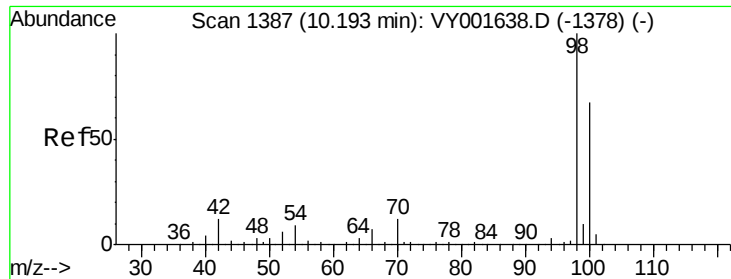
10000

0

7.70 7.80

Time-->





#50

Toluene-d8

Concen: 53.678 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001709.D

Acq: 19 Feb 2020 19:05

Instrument :

MSVOA_Y

ClientSampled :

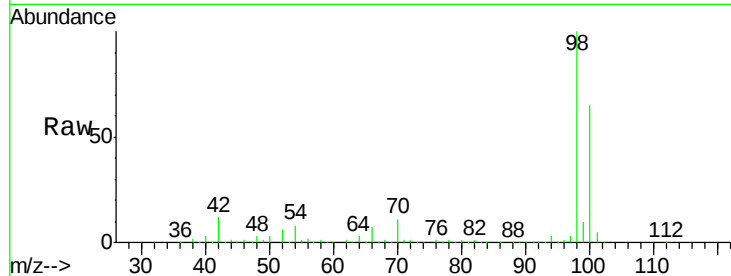
SB8-2.0-2.5

Tot Ion: 98 Resp: 401421

Ion Ratio Lower Upper

98 100

100 65.7 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

250000

200000

150000

100000

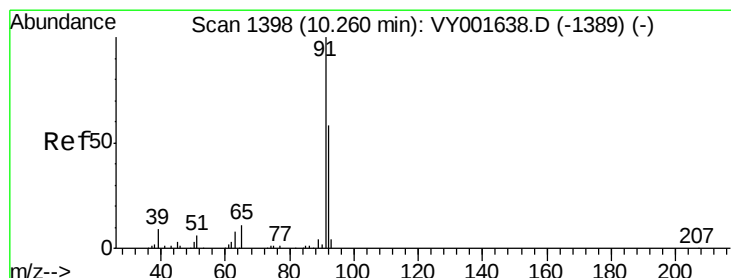
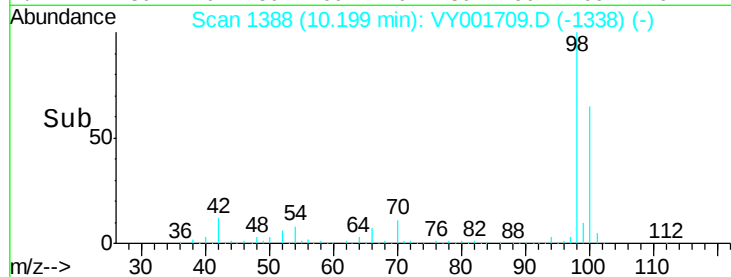
50000

0

10.10

10.20

Time-->



#52

Toluene

Concen: 1.188 ug/l

RT: 10.26 min Scan# 1398

Delta R.T. 0.00 min

Lab File: VY001709.D

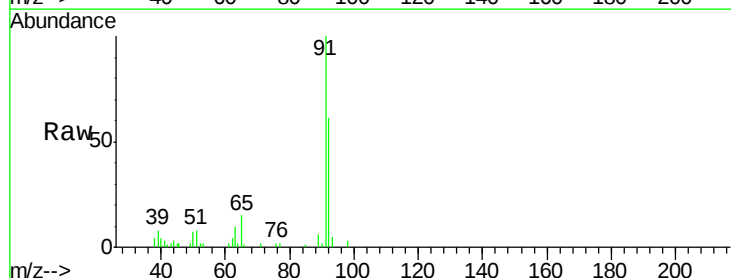
Acq: 19 Feb 2020 19:05

Tgt Ion: 92 Resp: 6939

Ion Ratio Lower Upper

92 100

91 162.2 137.0 205.6



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

6000

4000

2000

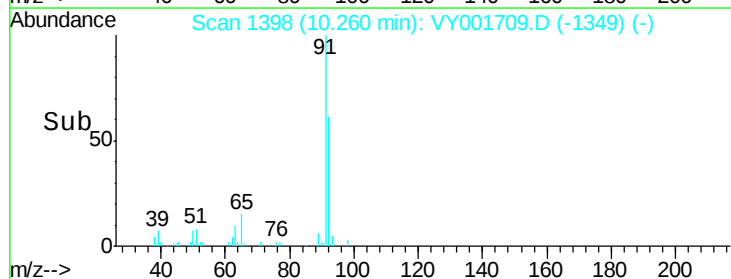
0

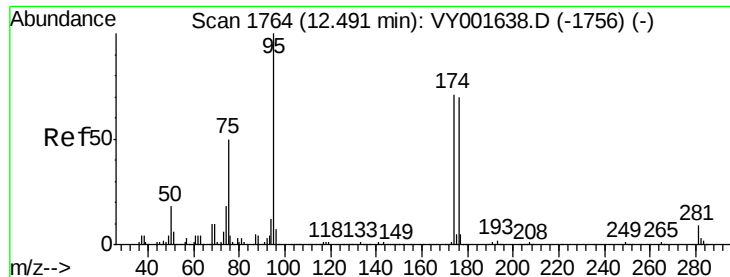
10.20

10.25

10.30

Time-->

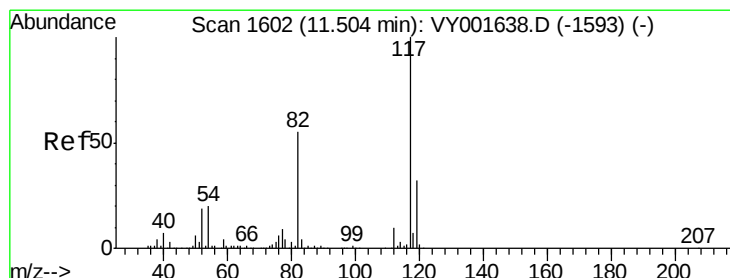
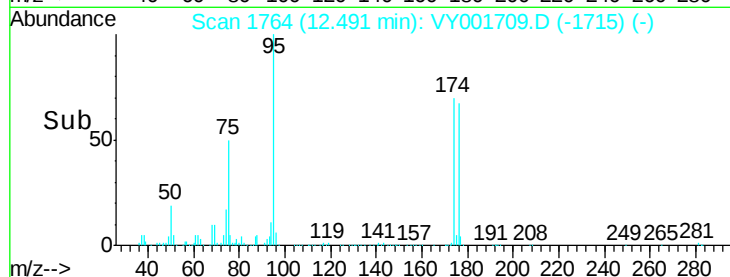
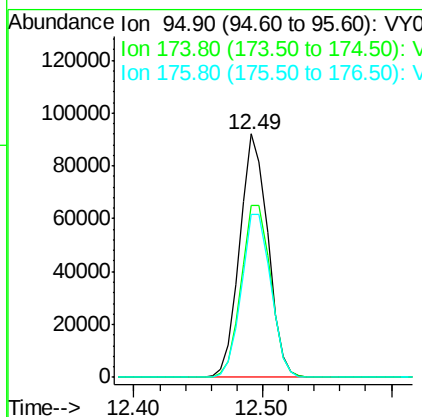
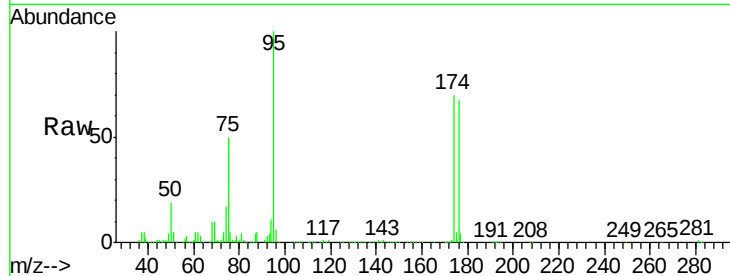




#62
4-Bromofluorobenzene
Concen: 47.937 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.00 min
Lab File: VY001709.D
Acq: 19 Feb 2020 19:05

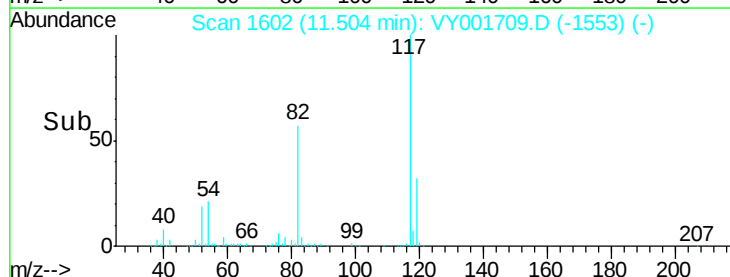
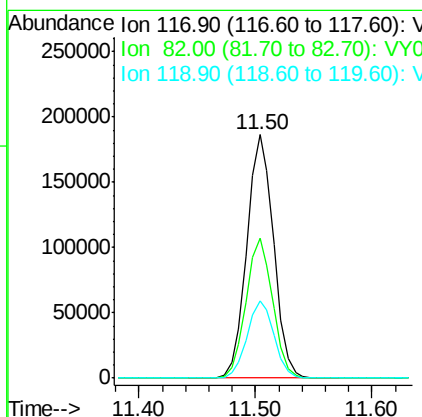
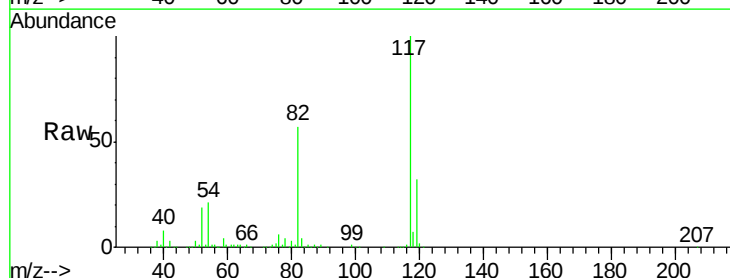
Instrument :
MSVOA_Y
ClientSampleId :
SB8-2.0-2.5

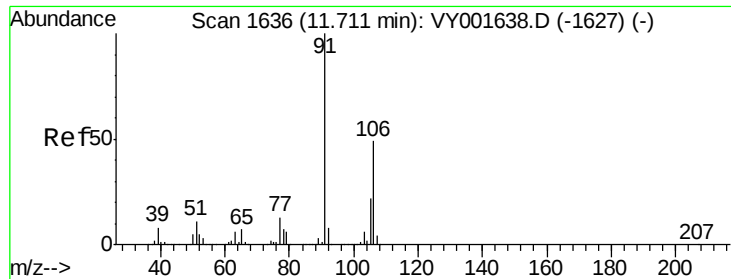
Tot Ion	95	Resp	139271
Ion	Ratio	Lower	Upper
95	100		
174	74.1	0.0	138.4
176	69.7	0.0	131.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001709.D
Acq: 19 Feb 2020 19:05

Tgt Ion	117	Resp	297860
Ion	Ratio	Lower	Upper
117	100		
82	57.3	45.5	68.3
119	31.9	25.8	38.6

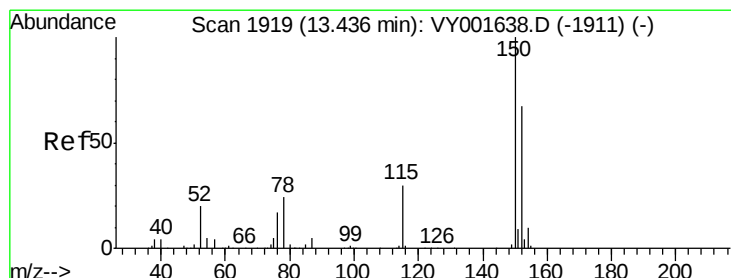
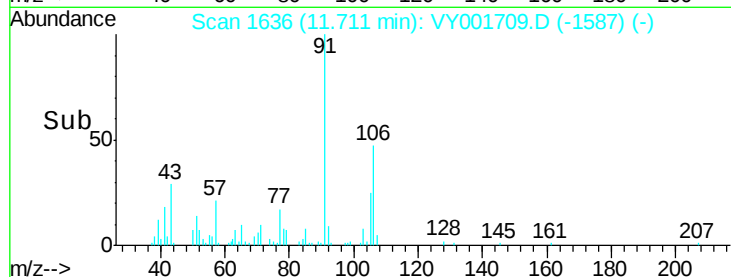
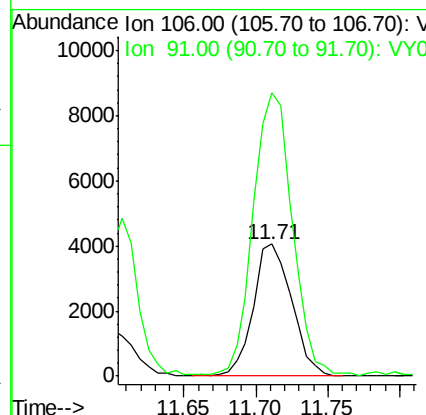
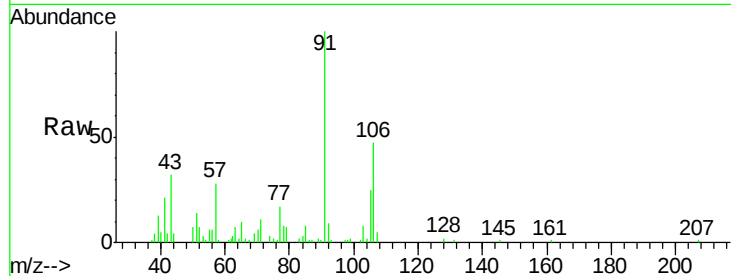




#68
m/p-Xvlenes
Concen: 1.814 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VY001709.D
Acq: 19 Feb 2020 19:05

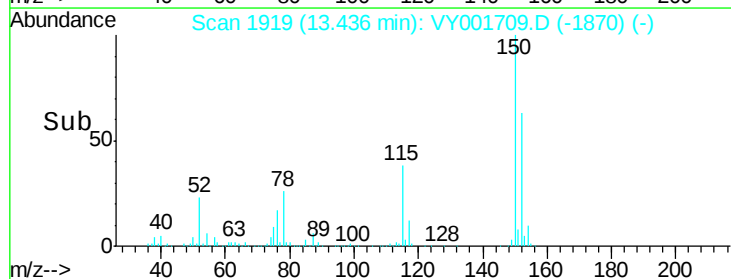
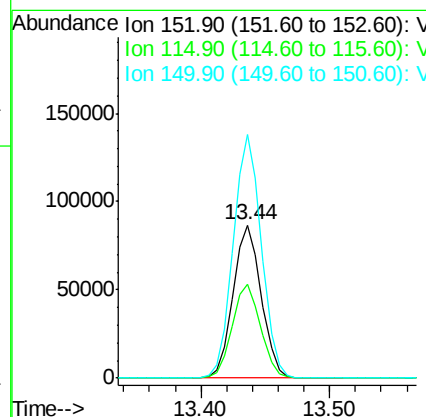
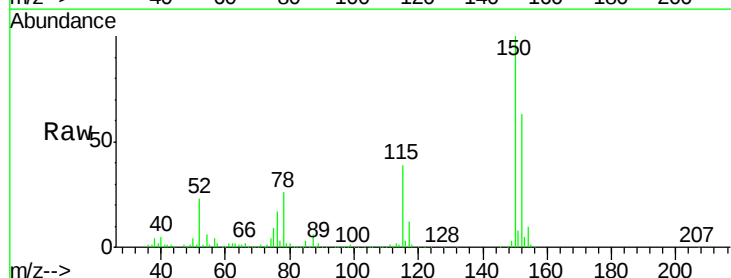
Instrument :
MSVOA_Y
ClientSampleId :
SB8-2.0-2.5

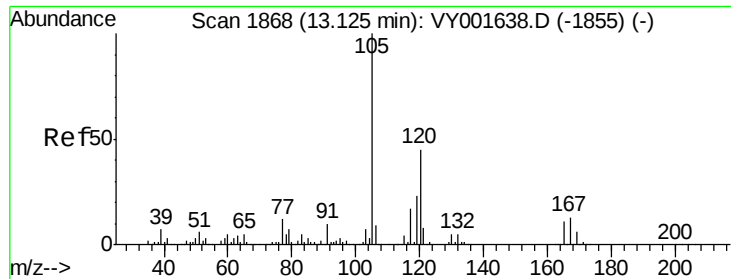
Tot Ion:106 Resp: 7479
Ion Ratio Lower Upper
106 100
91 219.7 163.3 244.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VY001709.D
Acq: 19 Feb 2020 19:05

Tgt Ion:152 Resp: 132549
Ion Ratio Lower Upper
152 100
115 61.9 31.4 94.2
150 158.7 0.0 407.2





#84

1,2,4-Trimethylbenzene

Concen: 1.370 ug/l

RT: 13.13 min Scan# 1869

Delta R.T. 0.01 min

Lab File: VY001709.D

Acq: 19 Feb 2020 19:05

Instrument :

MSVOA_Y

ClientSampleId :

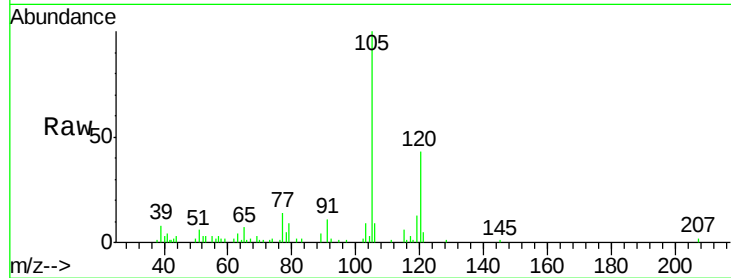
SB8-2.0-2.5

Tot Ion:105 Resp: 11417

Ion Ratio Lower Upper

105 100

120 46.7 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

