

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021920\
 Data File : VY001708.D
 Acq On : 19 Feb 2020 18:43
 Operator : SY/MD
 Sample : L1589-05
 Misc : 9.75G/5ML/MSVOA Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB7-3.0-3.5

Quant Time: Feb 20 06:28:17 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

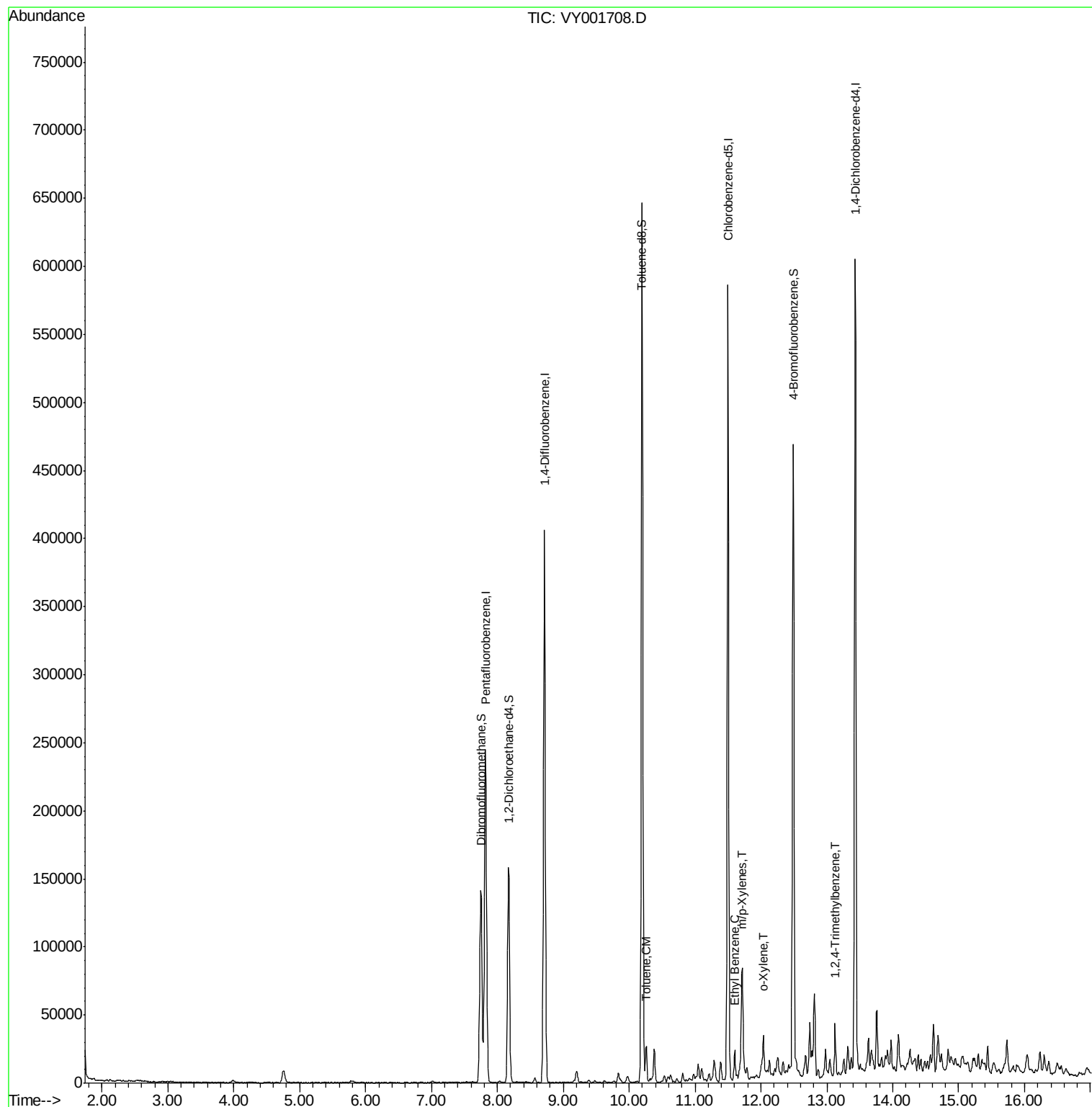
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	186427	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	347221	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	321322	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	143927	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	117335	58.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.02%	
35) Dibromofluoromethane	7.75	113	102618	51.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.20%	
50) Toluene-d8	10.19	98	421227	54.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.12%	
62) 4-Bromofluorobenzene	12.49	95	153215	50.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.24%	
Target Compounds						
52) Toluene	10.26	92	10578	1.739	ug/l	89
67) Ethyl Benzene	11.60	91	14793	1.243	ug/l #	86
68) m/p-Xylenes	11.70	106	14145	3.181	ug/l	98
69) o-Xylene	12.03	106	6475	1.532	ug/l	87
84) 1,2,4-Trimethylbenzene	13.13	105	20181	2.230	ug/l	99

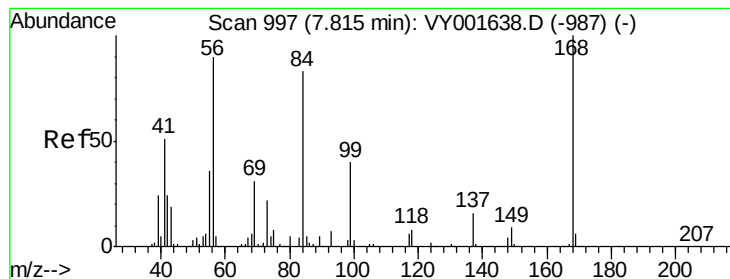
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY021920\
Data File : VY001708.D
Acq On : 19 Feb 2020 18:43
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Misc : 9.75G/5ML/MSVOA Y/SOIL
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ClientSampleId :
SB7-3.0-3.5

Quant Time: Feb 20 06:28:17 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 17 12:19:53 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: VY001708.D

Acq: 19 Feb 2020 18:43

Instrument :

MSVOA_Y

ClientSampled :

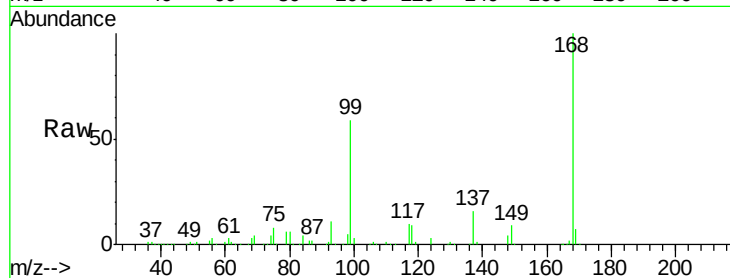
SB7-3.0-3.5

Tot Ion:168 Resp: 186427

Ion Ratio Lower Upper

168 100

99 58.8 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001708.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001708.D (-948) (-)

7.82

80000

60000

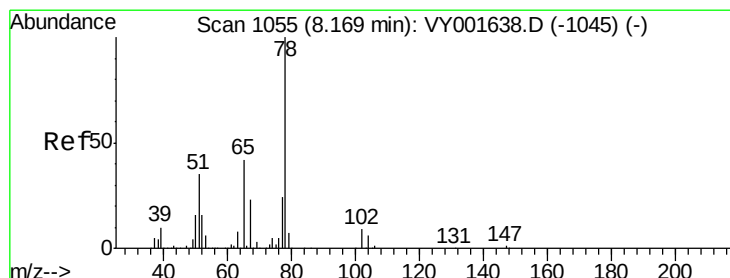
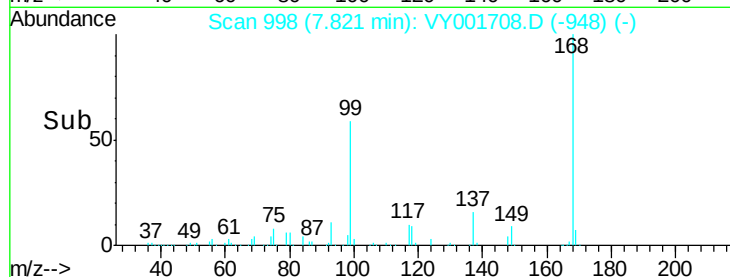
40000

20000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 58.513 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.00 min

Lab File: VY001708.D

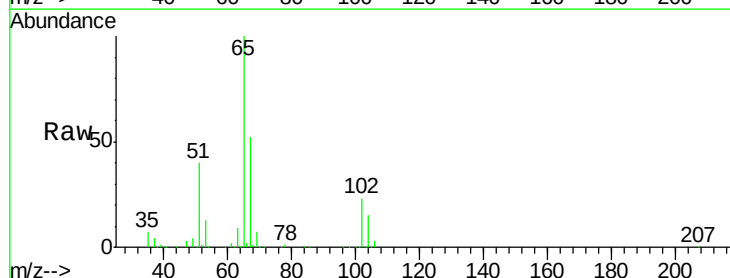
Acq: 19 Feb 2020 18:43

Tgt Ion: 65 Resp: 117335

Ion Ratio Lower Upper

65 100

67 54.9 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY001708.D (-1006) (-)

Ion 66.90 (66.60 to 67.60): VY001708.D (-1006) (-)

8.17

60000

50000

40000

30000

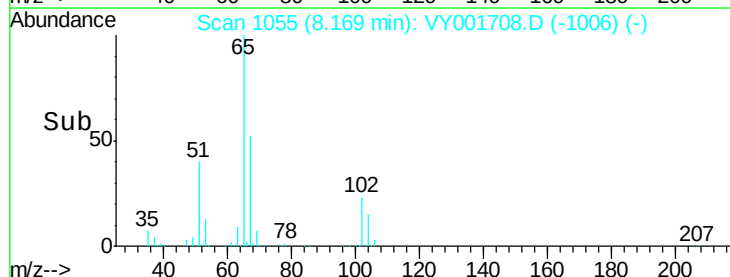
20000

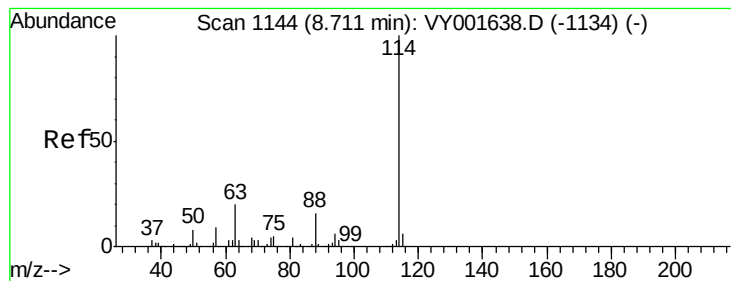
10000

0

8.10 8.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.00 min

Lab File: VY001708.D

Acq: 19 Feb 2020 18:43

Instrument :

MSVOA_Y

ClientSampleId :

SB7-3.0-3.5

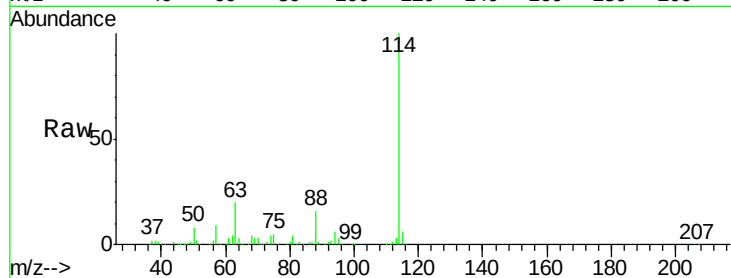
Tot Ion:114 Resp: 347221

Ion Ratio Lower Upper

114 100

63 19.8 0.0 41.4

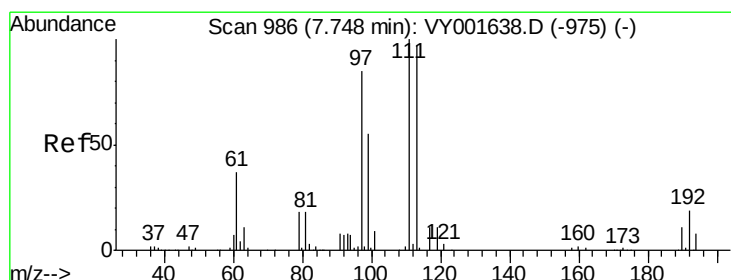
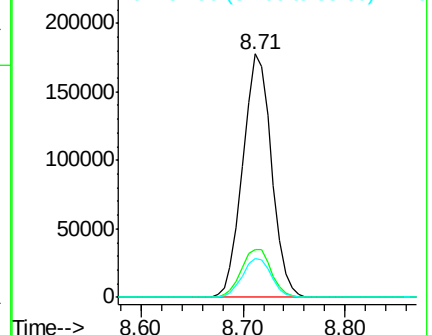
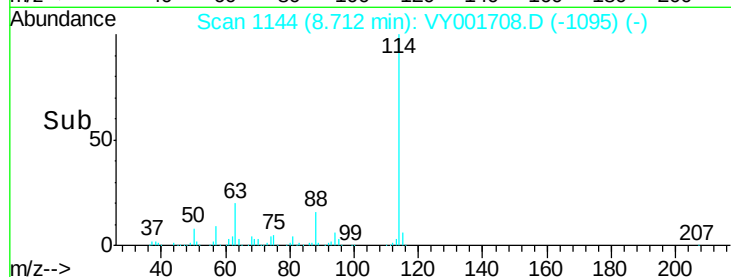
88 15.8 0.0 32.8



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



#35

Dibromofluoromethane

Concen: 51.600 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.00 min

Lab File: VY001708.D

Acq: 19 Feb 2020 18:43

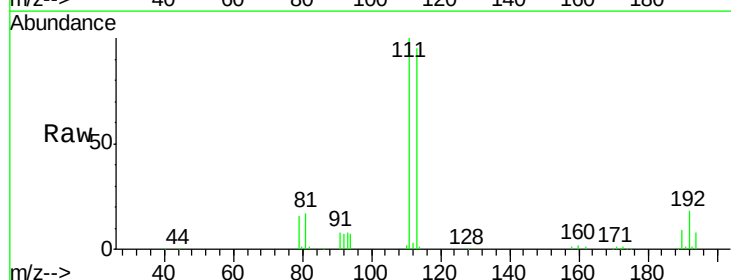
Tgt Ion:113 Resp: 102618

Ion Ratio Lower Upper

113 100

111 102.7 81.9 122.9

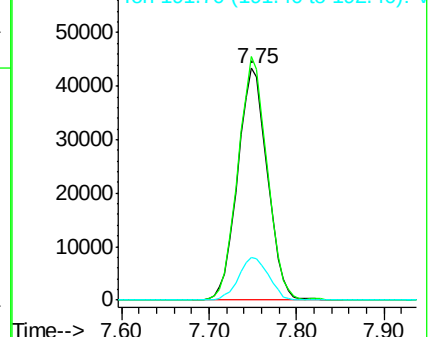
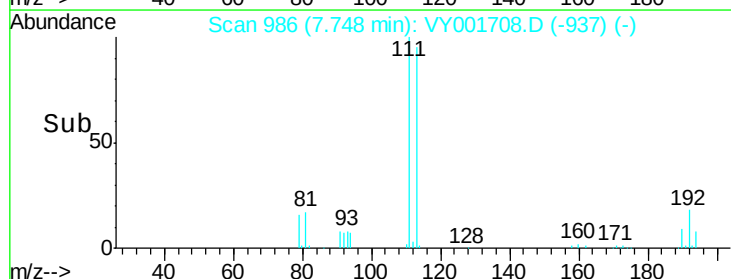
192 18.6 14.3 21.5

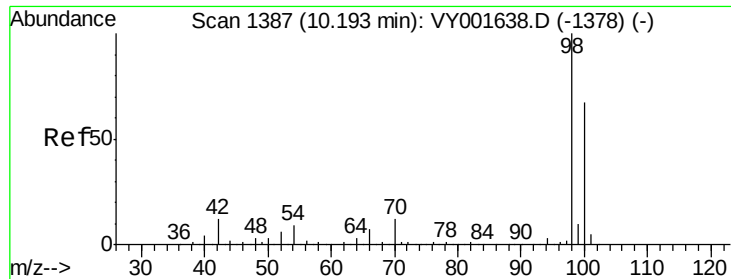


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

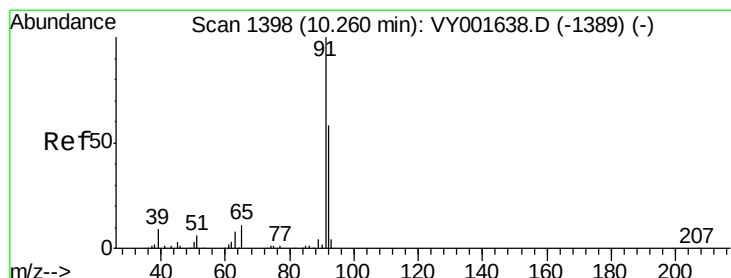
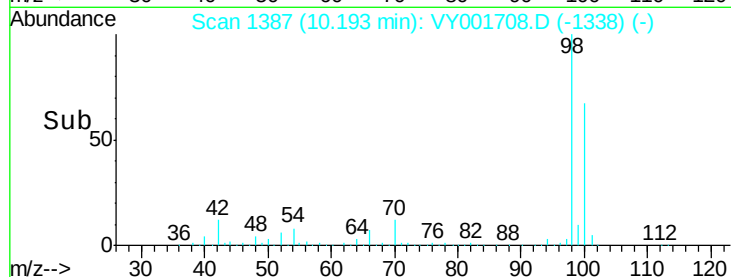
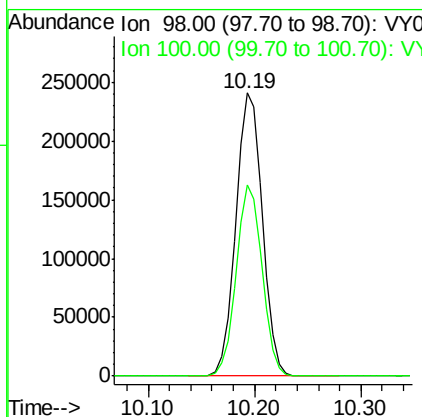
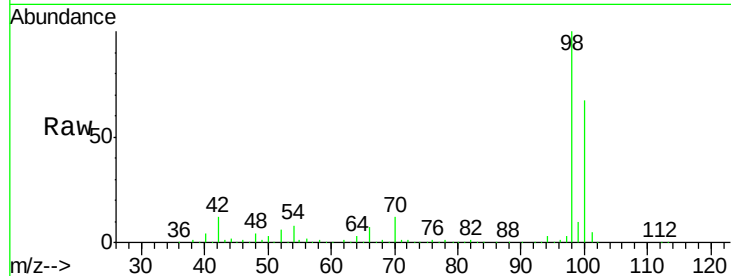




#50
Toluene-d8
Concen: 54.064 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VY001708.D
Acq: 19 Feb 2020 18:43

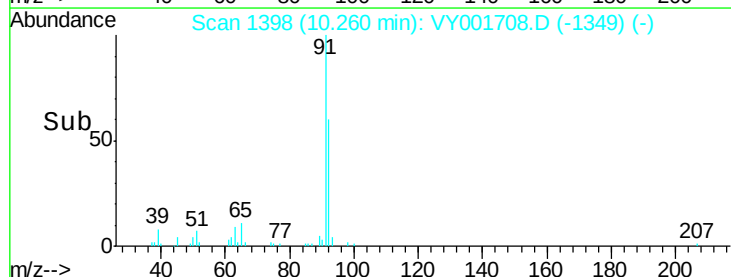
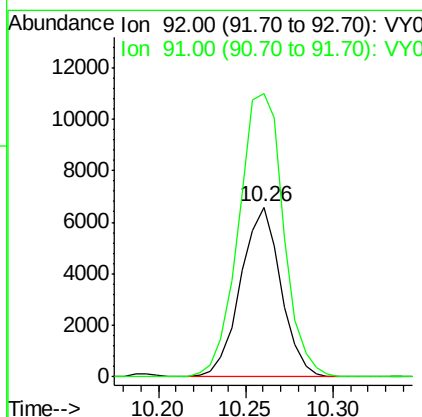
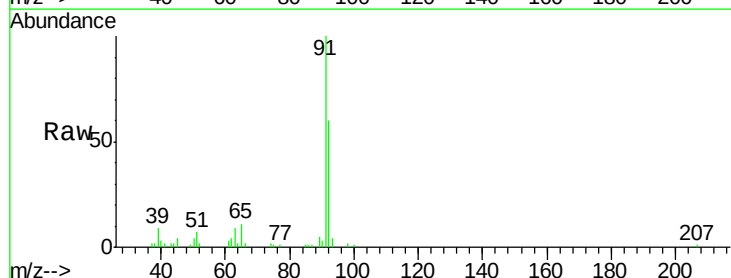
Instrument :
MSVOA_Y
ClientSampled :
SB7-3.0-3.5

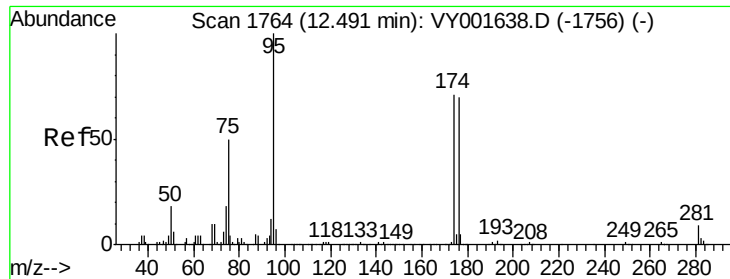
Tot Ion: 98 Resp: 421227
Ion Ratio Lower Upper
98 100
100 66.0 53.0 79.4



#52
Toluene
Concen: 1.739 ug/l
RT: 10.26 min Scan# 1398
Delta R.T. 0.00 min
Lab File: VY001708.D
Acq: 19 Feb 2020 18:43

Tgt Ion: 92 Resp: 10578
Ion Ratio Lower Upper
92 100
91 186.0 137.0 205.6

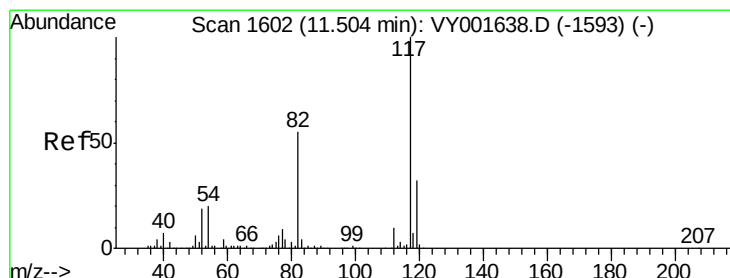
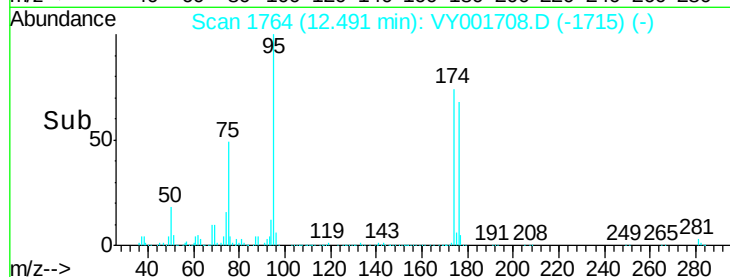
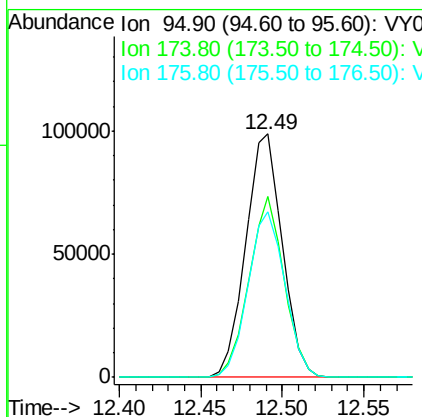
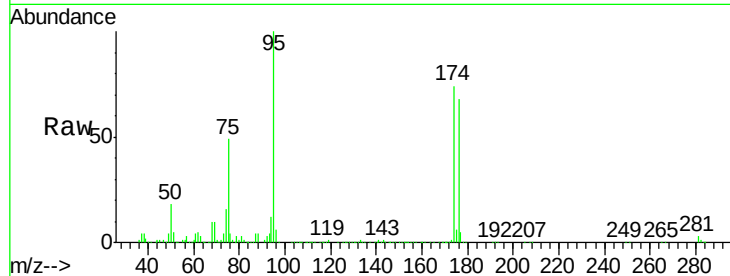




#62
4-Bromofluorobenzene
Concen: 50.619 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.00 min
Lab File: VY001708.D
Acq: 19 Feb 2020 18:43

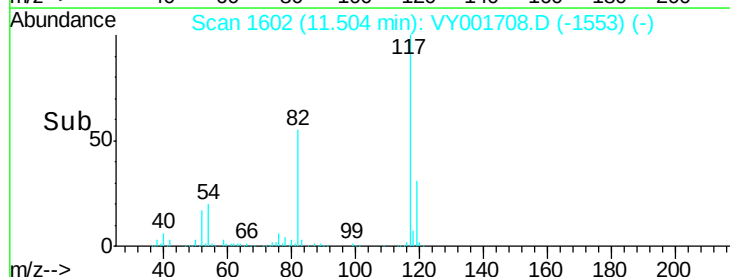
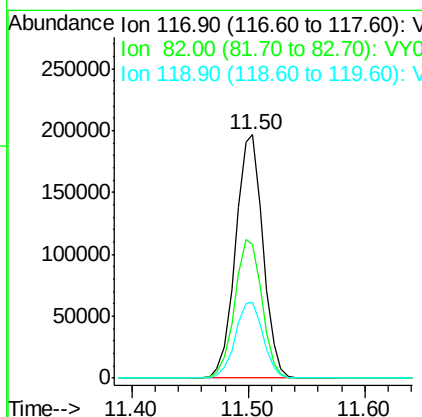
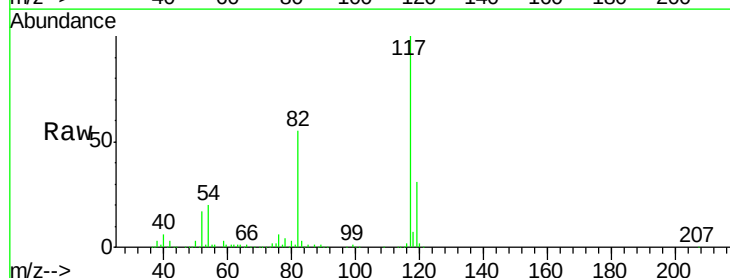
Instrument :
MSVOA_Y
ClientSampleId :
SB7-3.0-3.5

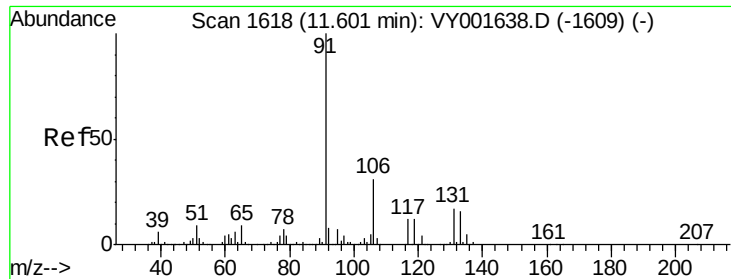
Tot Ion	Ratio	Lower	Upper
95	100		
174	71.5	0.0	138.4
176	69.0	0.0	131.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001708.D
Acq: 19 Feb 2020 18:43

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.9	45.5	68.3
119	31.3	25.8	38.6





#67

Ethyl Benzene

Concen: 1.243 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VY001708.D

Acq: 19 Feb 2020 18:43

Instrument :

MSVOA_Y

ClientSampleId :

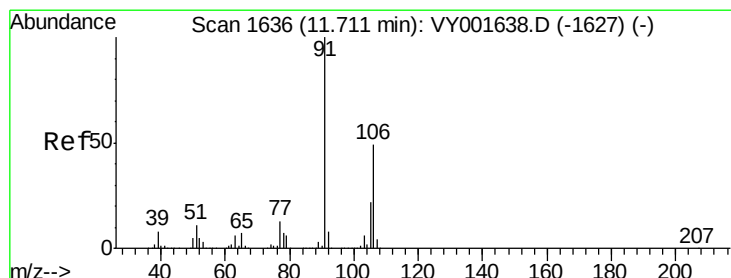
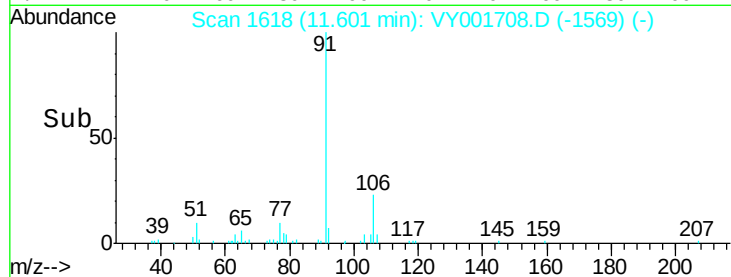
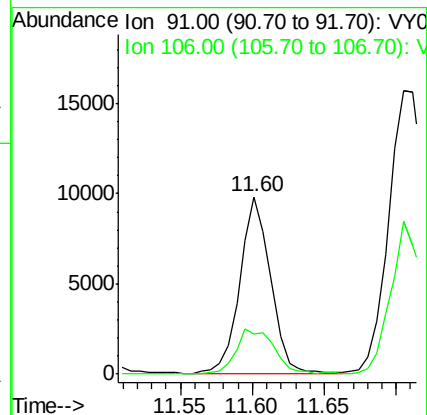
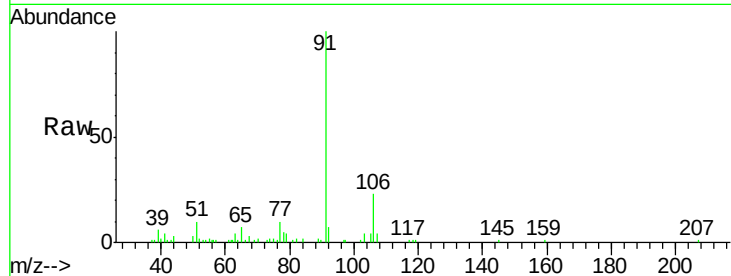
SB7-3.0-3.5

Tot Ion: 91 Resp: 14793

Ion Ratio Lower Upper

91 100

106 22.8 24.5 36.7#



#68

m/p-Xylenes

Concen: 3.181 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VY001708.D

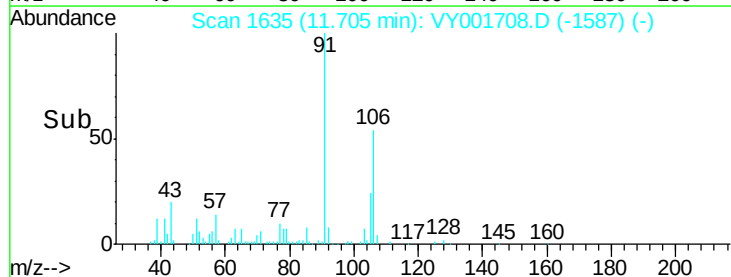
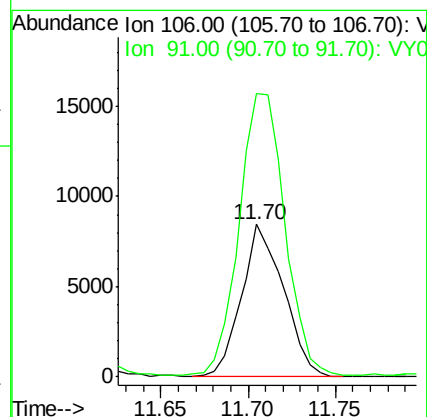
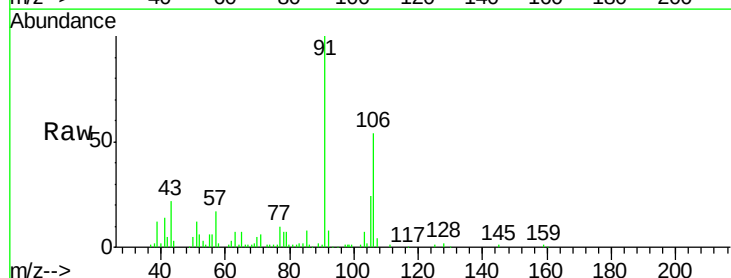
Acq: 19 Feb 2020 18:43

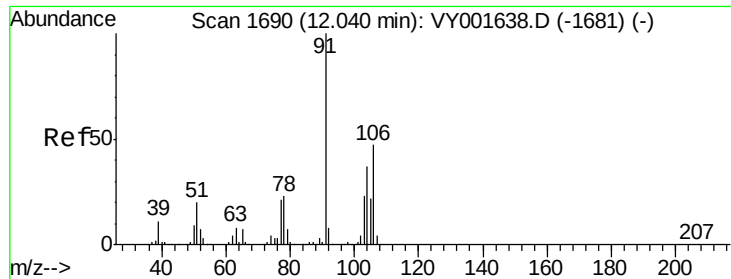
Tgt Ion: 106 Resp: 14145

Ion Ratio Lower Upper

106 100

91 201.4 163.3 244.9

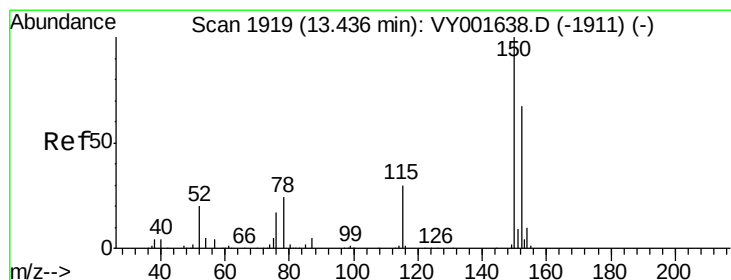
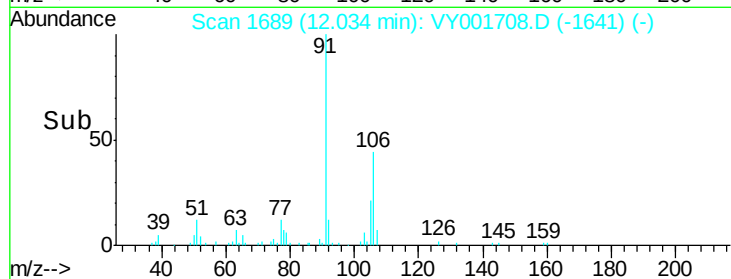
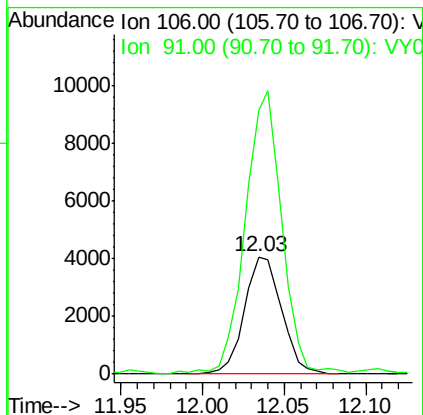
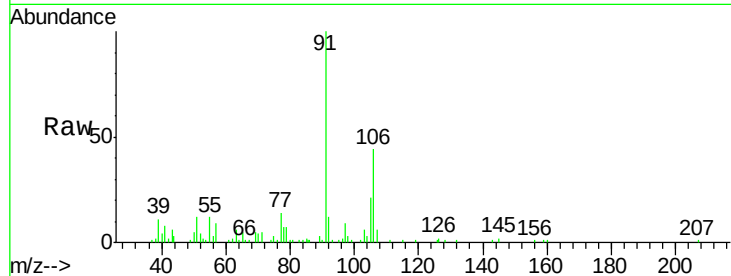




#69
o-Xylene
Concen: 1.532 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VY001708.D
Acq: 19 Feb 2020 18:43

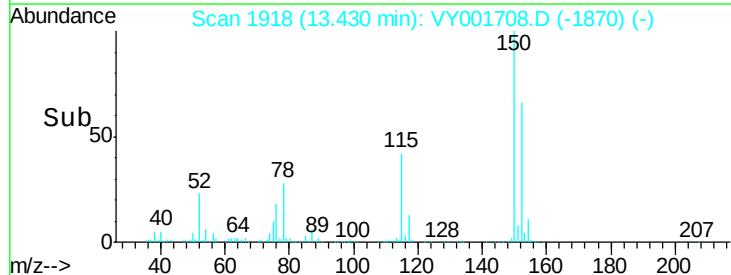
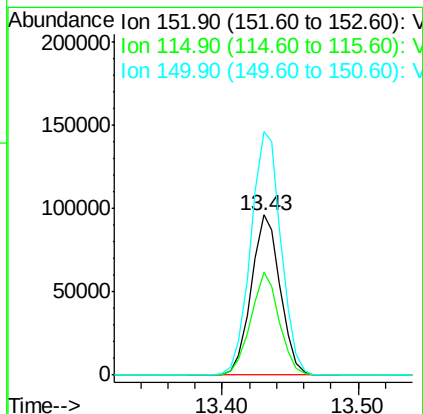
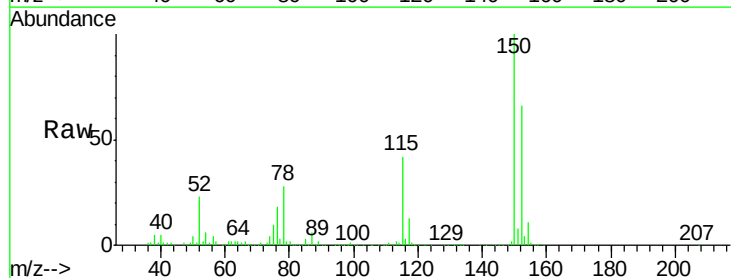
Instrument :
MSVOA_Y
ClientSampled :
SB7-3.0-3.5

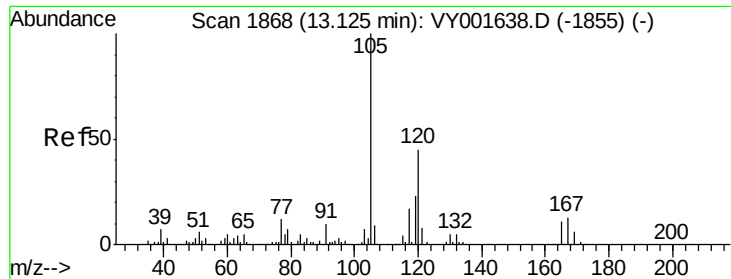
Tot Ion:106 Resp: 6475
Ion Ratio Lower Upper
106 100
91 237.1 108.3 324.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY001708.D
Acq: 19 Feb 2020 18:43

Tgt Ion:152 Resp: 143927
Ion Ratio Lower Upper
152 100
115 63.2 31.4 94.2
150 158.4 0.0 407.2

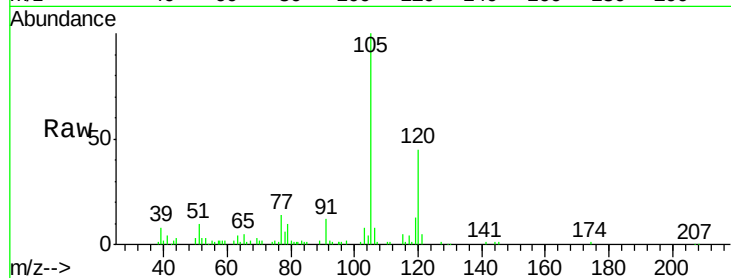




#84
 1,2,4-Trimethylbenzene
 Concen: 2.230 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VY001708.D
 Acq: 19 Feb 2020 18:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB7-3.0-3.5

Tot Ion:105 Resp: 20181
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

