

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012220\
 Data File : VY001341.D
 Acq On : 22 Jan 2020 19:05
 Operator : SY/MD
 Sample : L1216-03
 Misc : 5.06G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02-2.5-3.0

Quant Time: Jan 27 05:41:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

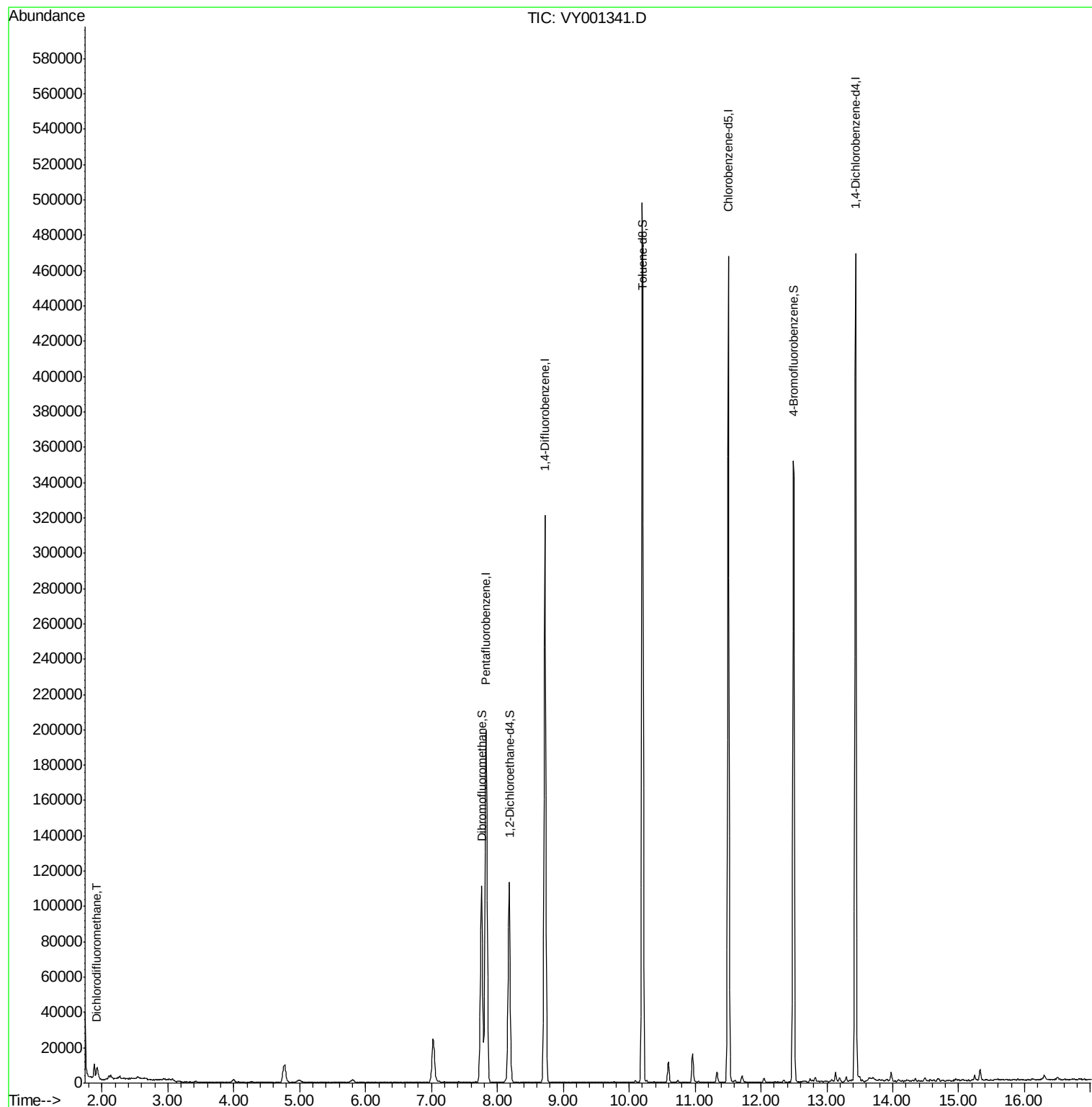
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.83	168	154606	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.72	114	277561	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.50	117	247244	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	113707	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.18	65	82663	49.14	ug/l	0.01
Spiked Amount 50.000			Recovery	=	98.28%	
35) Dibromofluoromethane	7.76	113	80576	49.46	ug/l	0.01
Spiked Amount 50.000			Recovery	=	98.92%	
50) Toluene-d8	10.20	98	324924	51.34	ug/l	0.01
Spiked Amount 50.000			Recovery	=	102.68%	
62) 4-Bromofluorobenzene	12.49	95	117158	46.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.96%	
Target Compounds						
2) Dichlorodifluoromethane	1.92	85	5116	4.196	ug/l	Qvalue 98

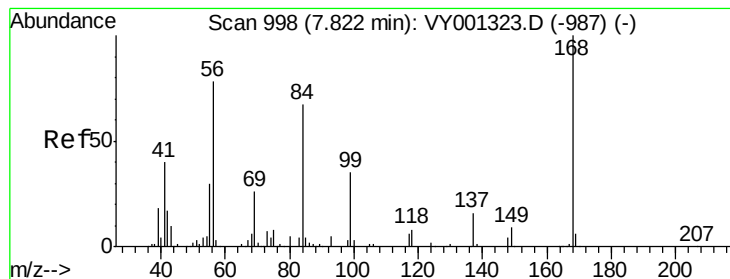
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.83 min Scan# 1000

Delta R.T. 0.01 min

Lab File: VY001341.D

Acq: 22 Jan 2020 19:05

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MSVOA_Y

ClientSampleId :

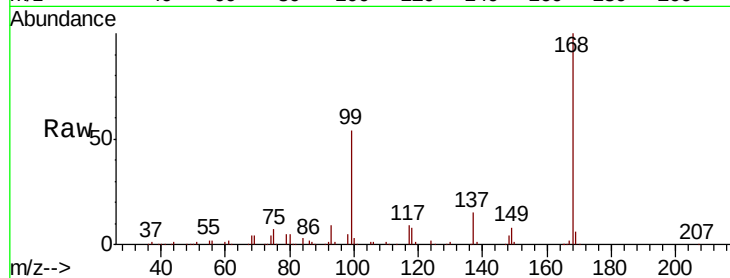
SB-02-2.5-3.0

Tot Ion:168 Resp: 154606

Ion Ratio Lower Upper

168 100

99 54.5 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY001341.D (-949) (-)

Ion 98.90 (98.60 to 99.60): VY001341.D (-949) (-)

7.83

60000

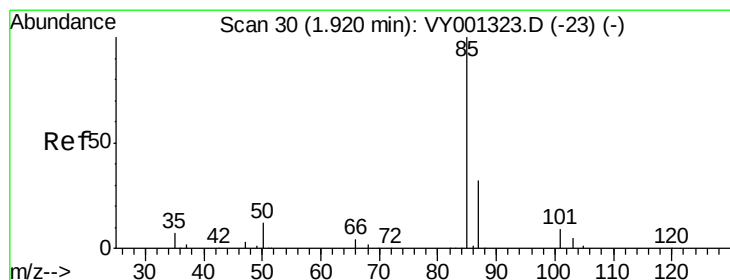
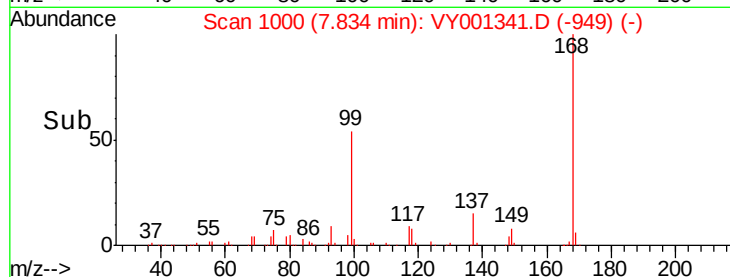
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 4.196 ug/l

RT: 1.92 min Scan# 30

Delta R.T. -0.00 min

Lab File: VY001341.D

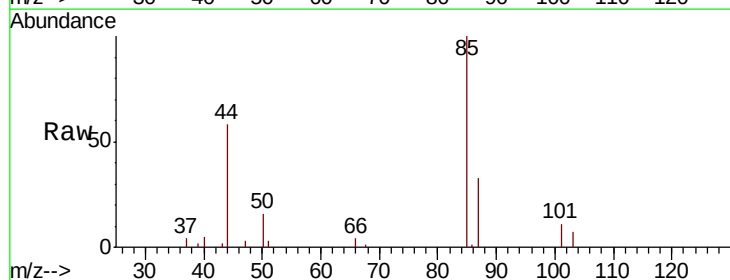
Acq: 22 Jan 2020 19:05

Tgt Ion: 85 Resp: 5116

Ion Ratio Lower Upper

85 100

87 33.3 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY001341.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY001341.D (-1) (-)

1.92

4000

3000

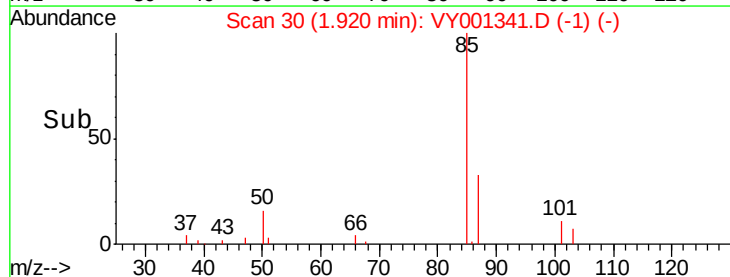
2000

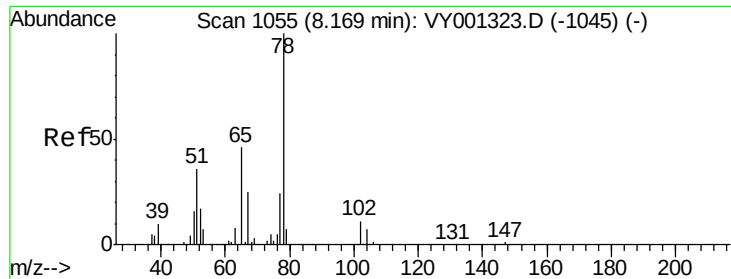
1000

0

1.85 1.90 1.95 2.00

Time-->

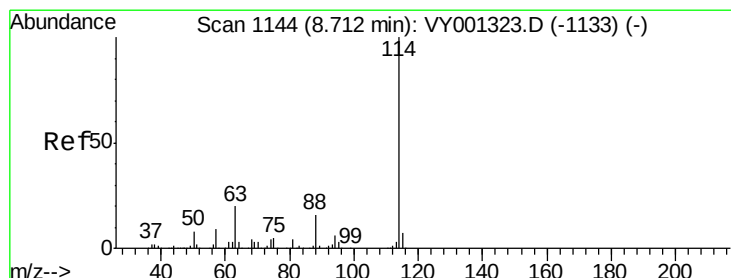
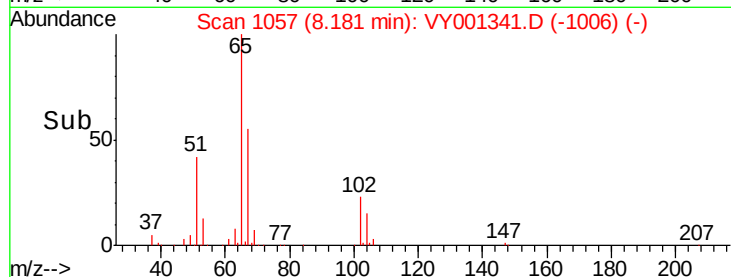
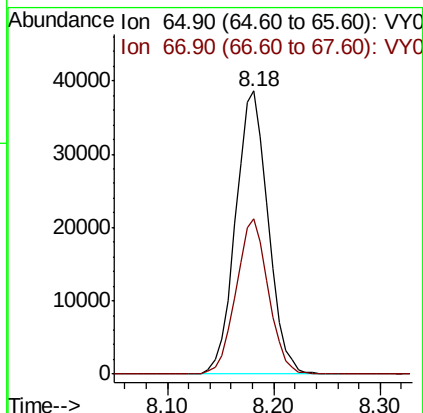
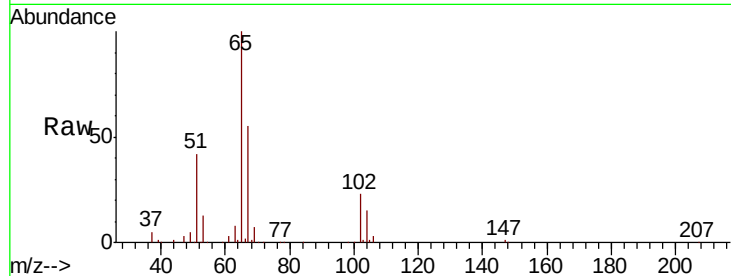




#33
 1,2-Dichloroethane-d4
 Concen: 49.136 ug/l
 RT: 8.18 min Scan# 1057
 Delta R.T. 0.01 min
 Lab File: VY001341.D
 Acq: 22 Jan 2020 19:05

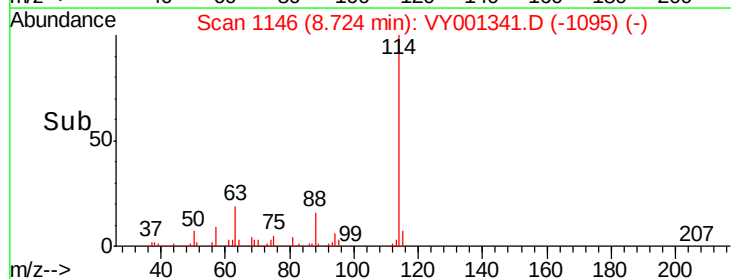
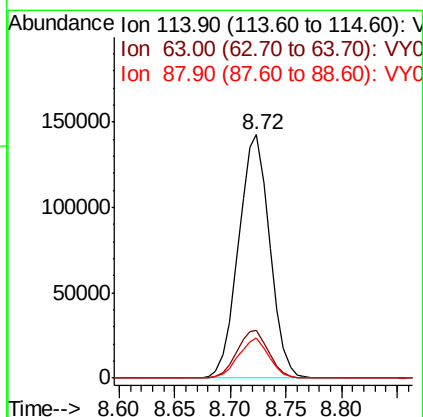
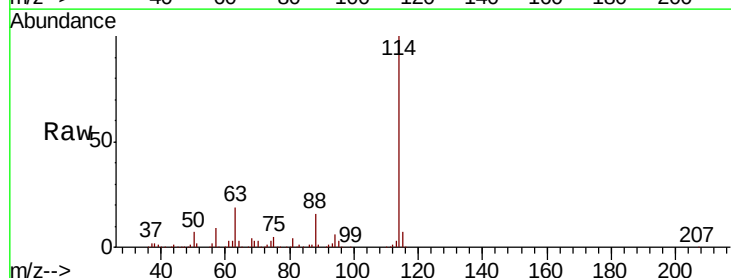
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02-2.5-3.0

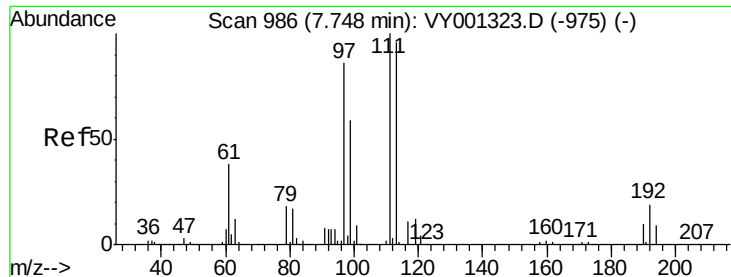
Tot Ion: 65 Resp: 82663
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.72 min Scan# 1146
 Delta R.T. 0.01 min
 Lab File: VY001341.D
 Acq: 22 Jan 2020 19:05

Tgt Ion: 114 Resp: 277561
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.8
 88 16.4 0.0 31.0

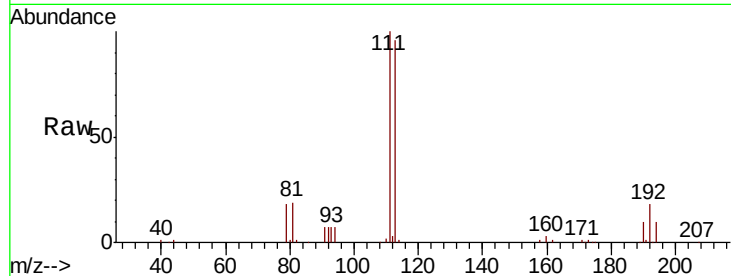




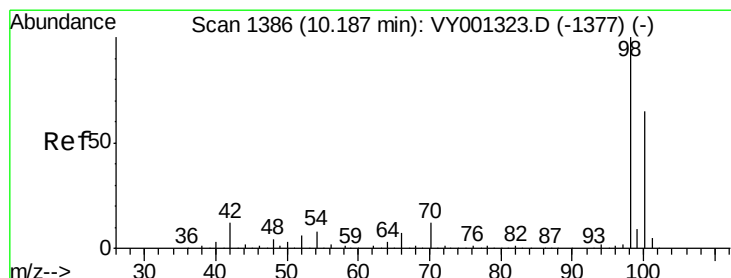
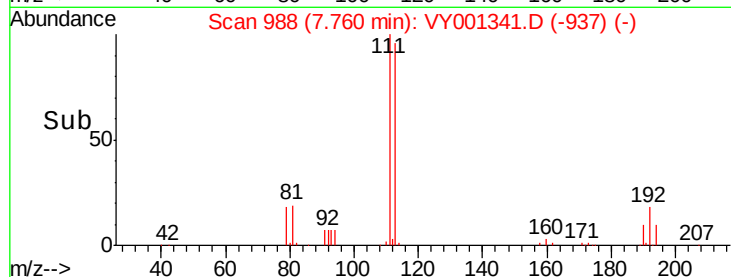
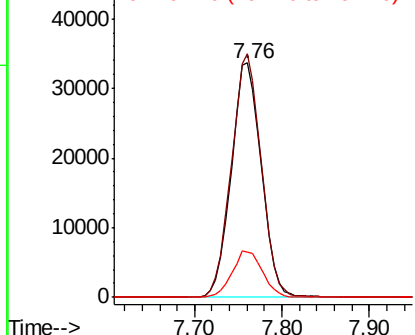
#35
 Dibromofluoromethane
 Concen: 49.462 ug/l
 RT: 7.76 min Scan# 988
 Delta R.T. 0.01 min
 Lab File: VY001341.D
 Acq: 22 Jan 2020 19:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02-2.5-3.0

Tot Ion:113 Resp: 80576
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.8 124.2
 192 19.8 15.5 23.3

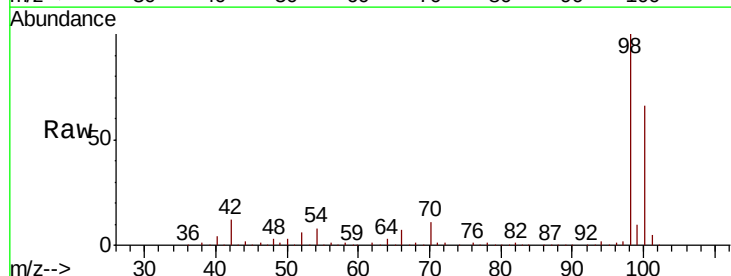


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

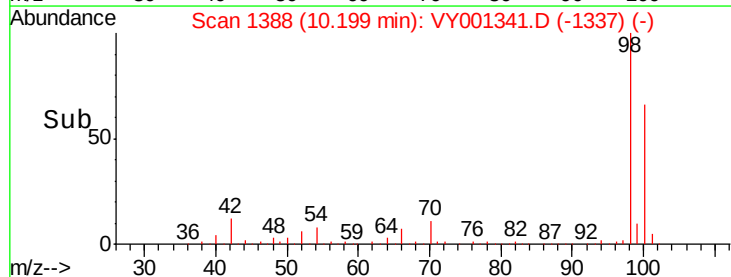
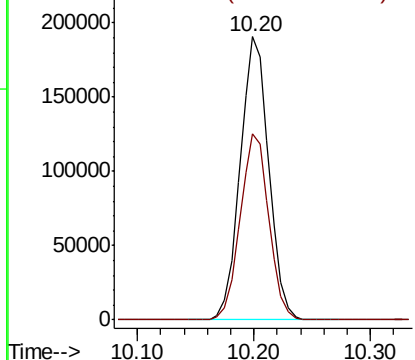


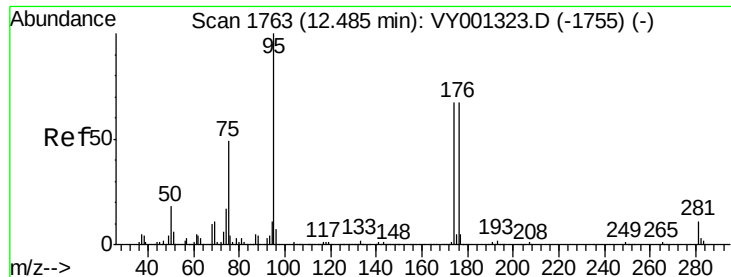
#50
 Toluene-d8
 Concen: 51.338 ug/l
 RT: 10.20 min Scan# 1388
 Delta R.T. 0.01 min
 Lab File: VY001341.D
 Acq: 22 Jan 2020 19:05

Tgt Ion: 98 Resp: 324924
 Ion Ratio Lower Upper
 98 100
 100 66.1 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VY0
 Ion 100.00 (99.70 to 100.70): VY

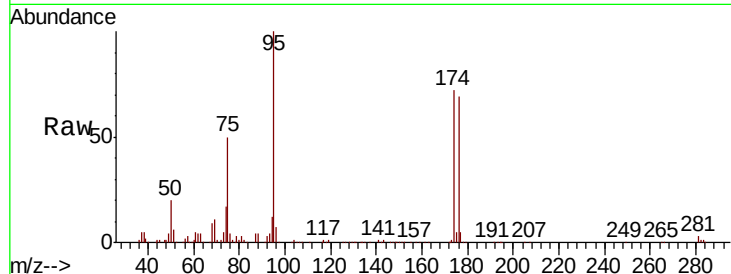




#62
4-Bromofluorobenzene
Concen: 46.483 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VY001341.D
Acq: 22 Jan 2020 19:05

Instrument :
MSVOA_Y
ClientSampleId :
SB-02-2.5-3.0

Tot Ion	95	174	176
Resp	117158	75.7	72.2
Lower		0.0	0.0
Upper		142.0	138.6

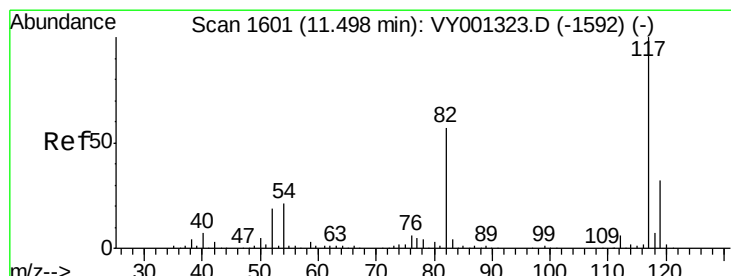
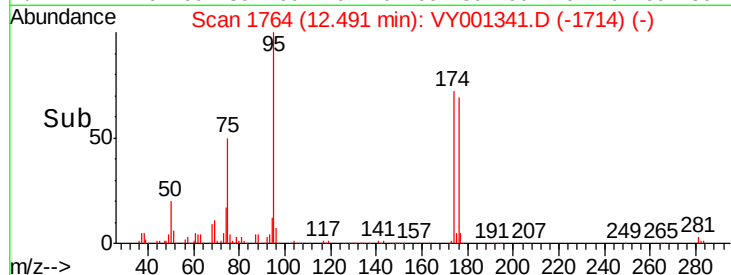
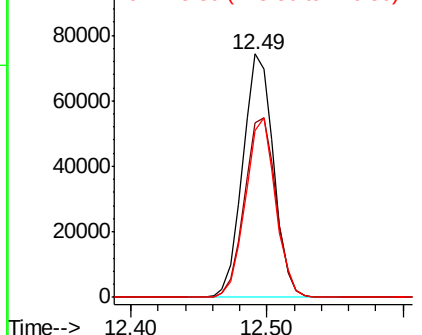


Abundance

Ion 94.90 (94.60 to 95.60): VY001323.D (-1755) (-)

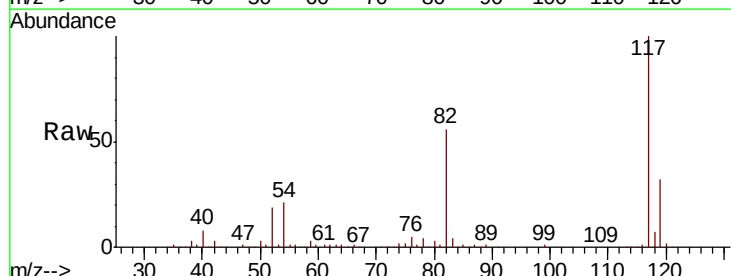
Ion 173.80 (173.50 to 174.50): VY001323.D (-1755) (-)

Ion 175.80 (175.50 to 176.50): VY001323.D (-1755) (-)



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001341.D
Acq: 22 Jan 2020 19:05

Tgt Ion	117	82	119
Resp	247244	55.7	32.3
Lower		45.5	25.8
Upper		68.3	38.6

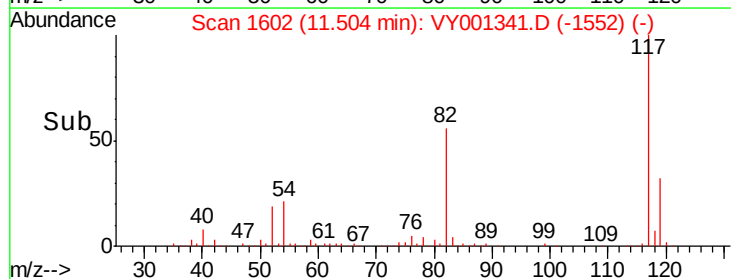
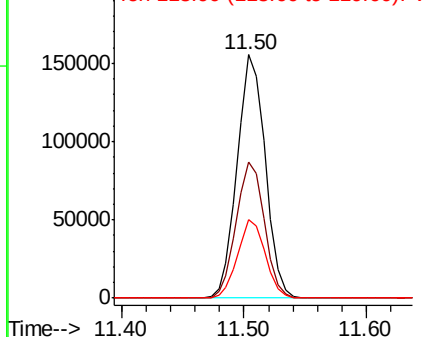


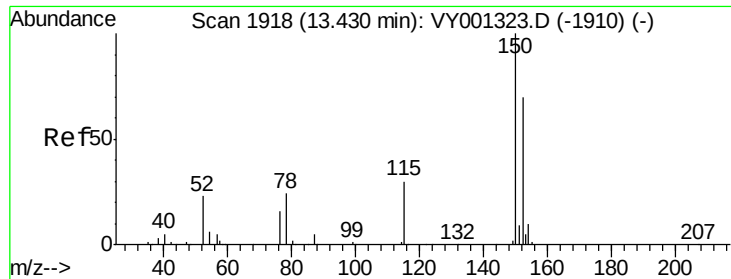
Abundance

Ion 116.90 (116.60 to 117.60): VY001323.D (-1592) (-)

Ion 82.00 (81.70 to 82.70): VY001323.D (-1592) (-)

Ion 118.90 (118.60 to 119.60): VY001323.D (-1592) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY001341.D

Acq: 22 Jan 2020 19:05

Instrument :

MSVOA_Y

ClientSampleId :

SB-02-2.5-3.0

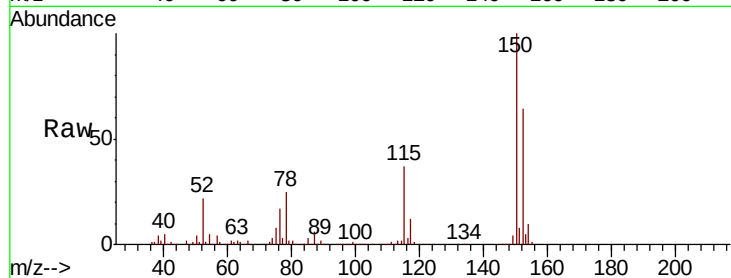
Tot Ion:152 Resp: 113707

Ion Ratio Lower Upper

152 100

115 58.6 30.9 92.8

150 156.7 0.0 349.2



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

