

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042120\
 Data File : VY002440.D
 Acq On : 21 Apr 2020 17:55
 Operator : SY/MD
 Sample : L2327-20
 Misc : 6.92G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3-S2

Quant Time: Apr 22 03:33:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042020S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 20 15:14:11 2020
 Response via : Initial Calibration

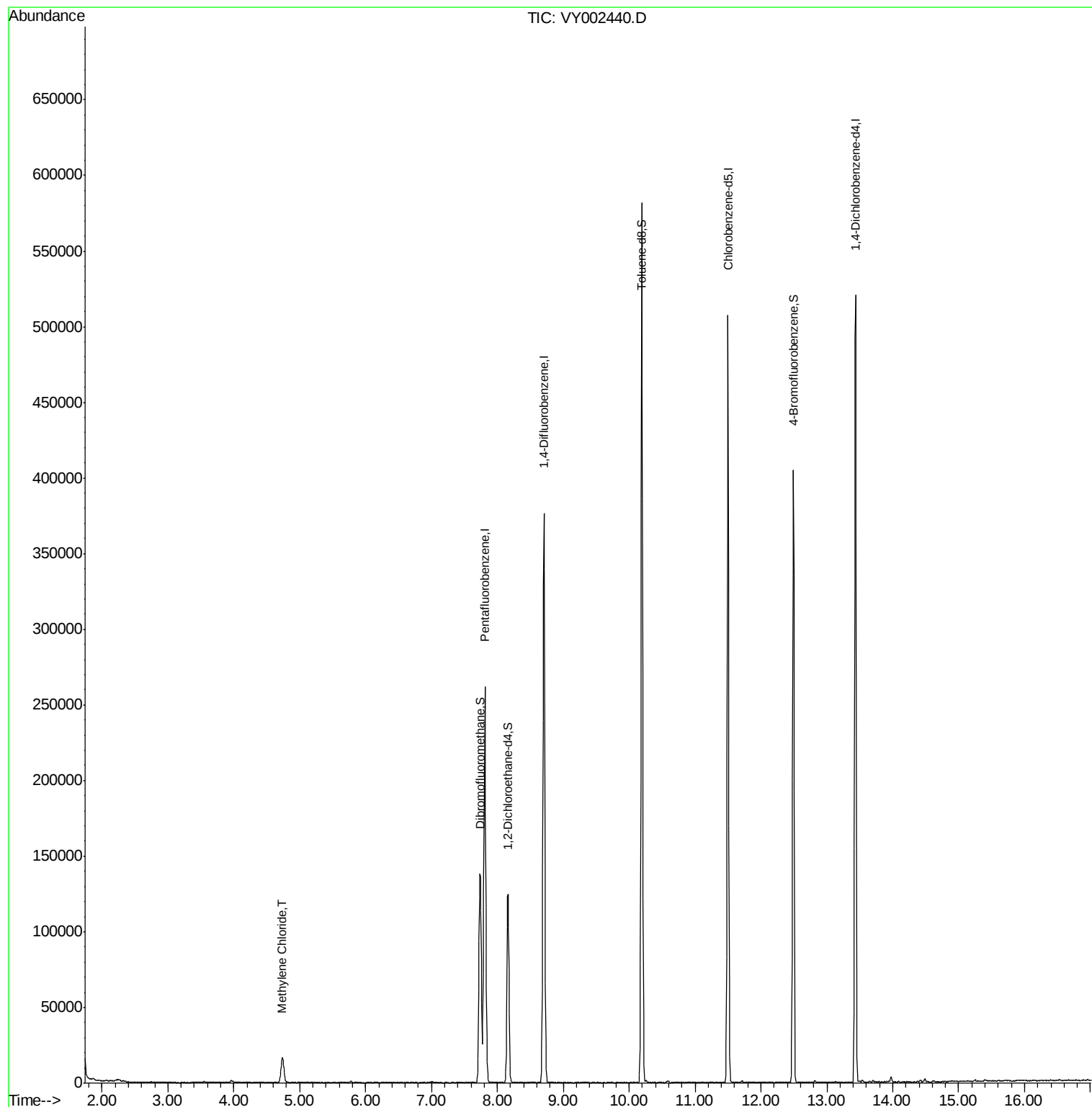
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	223634	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	355777	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	311002	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	146708	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	92754	57.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.06%	
35) Dibromofluoromethane	7.74	113	101968	54.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.98%	
50) Toluene-d8	10.19	98	406266	53.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.36%	
62) 4-Bromofluorobenzene	12.49	95	122500	49.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.04%	
Target Compounds						
20) Methylene Chloride	4.74	84	14722	6.053	ug/l	Qvalue 97

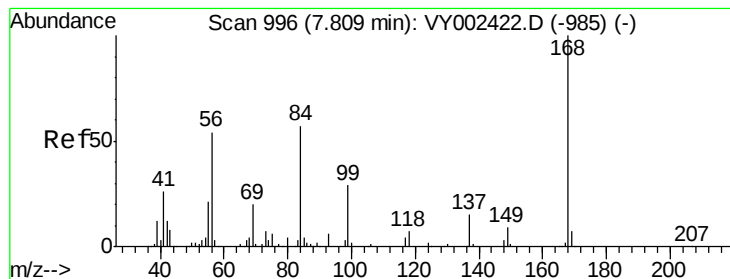
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.00 min

Lab File: VY002440.D

Acq: 21 Apr 2020 17:55

Instrument :

MSVOA_Y

ClientSampleId :

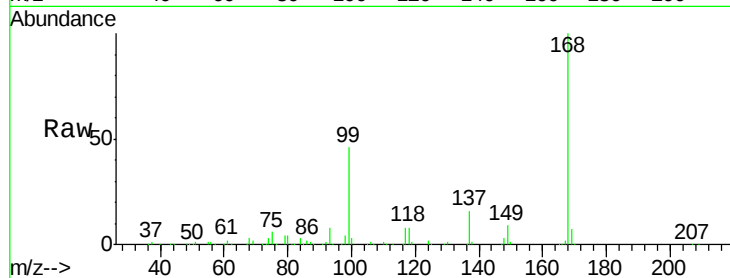
TP-3-S2

Tot Ion:168 Resp: 223634

Ion Ratio Lower Upper

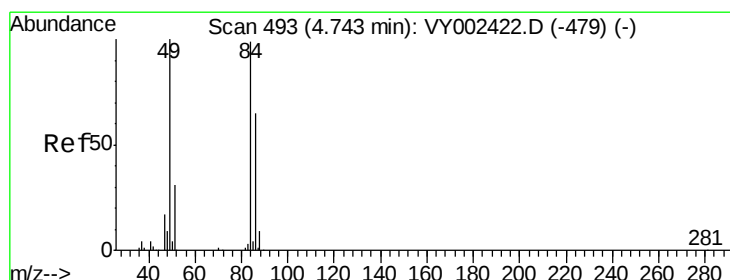
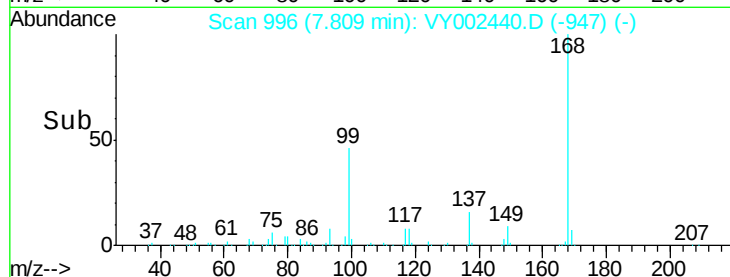
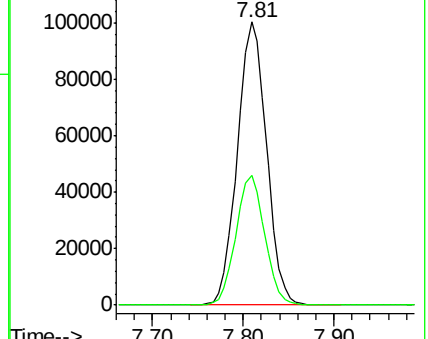
168 100

99 45.9 37.0 55.4



Abundance Ion 167.90 (167.60 to 168.60): VY002440.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY002440.D (-947) (-)



#20

Methylene Chloride

Concen: 6.053 ug/l

RT: 4.74 min Scan# 492

Delta R.T. -0.01 min

Lab File: VY002440.D

Acq: 21 Apr 2020 17:55

Tgt Ion: 84 Resp: 14722

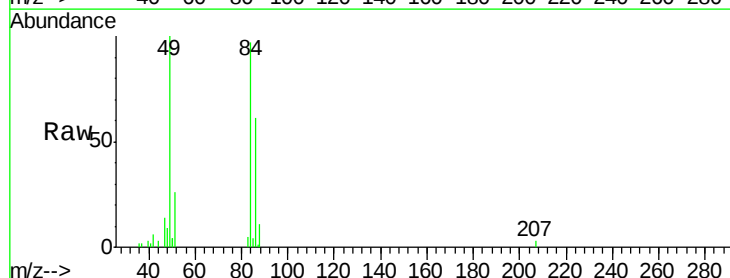
Ion Ratio Lower Upper

84 100

49 102.7 81.0 121.6

51 26.7 24.9 37.3

86 62.4 52.7 79.1

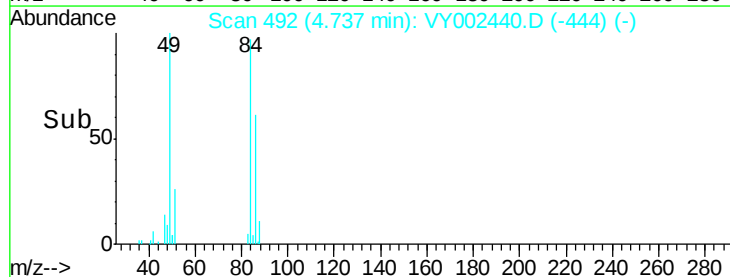
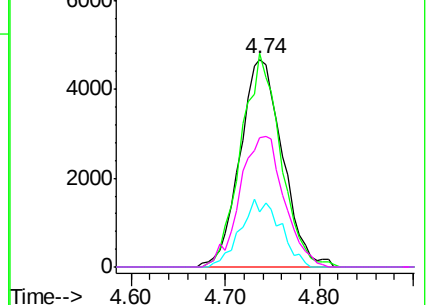


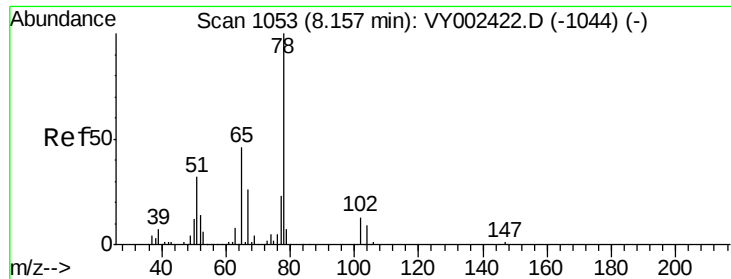
Abundance Ion 83.90 (83.60 to 84.60): VY002440.D (-444) (-)

Ion 48.90 (48.60 to 49.60): VY002440.D (-444) (-)

Ion 50.90 (50.60 to 51.60): VY002440.D (-444) (-)

Ion 85.90 (85.60 to 86.60): VY002440.D (-444) (-)

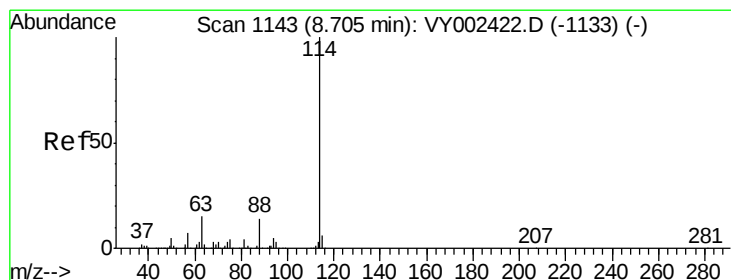
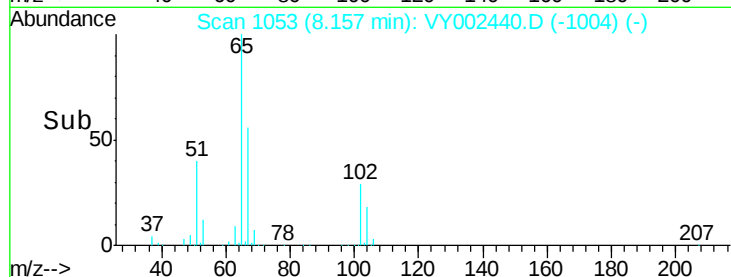
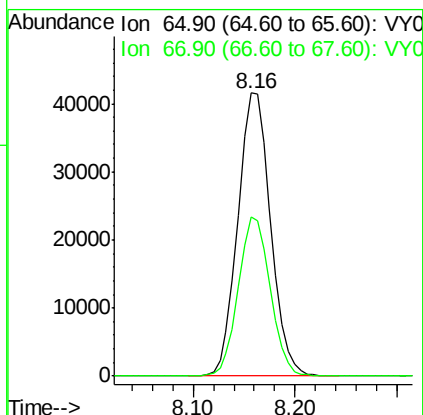
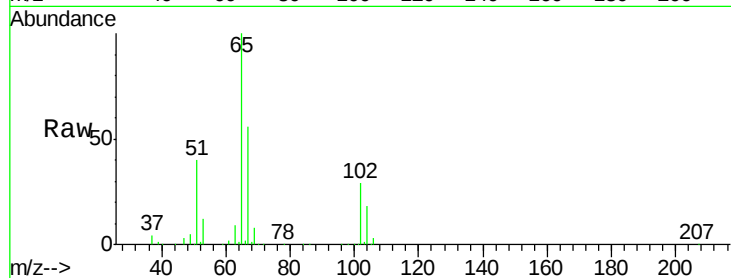




#33
 1,2-Dichloroethane-d4
 Concen: 57.026 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VY002440.D
 Acq: 21 Apr 2020 17:55

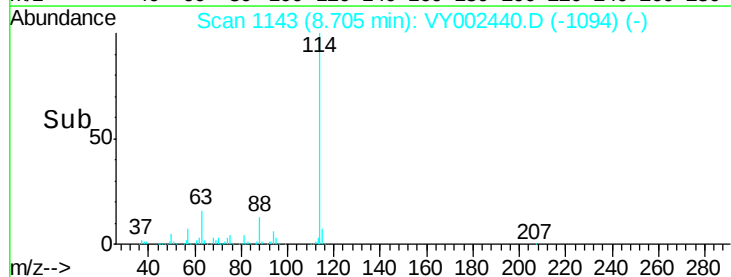
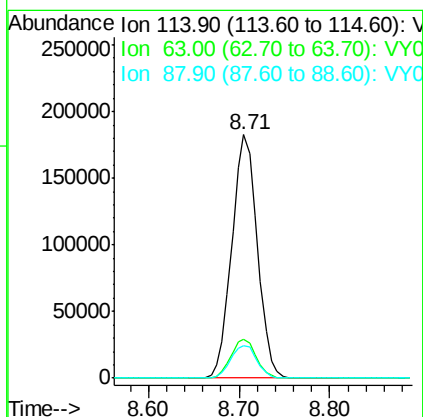
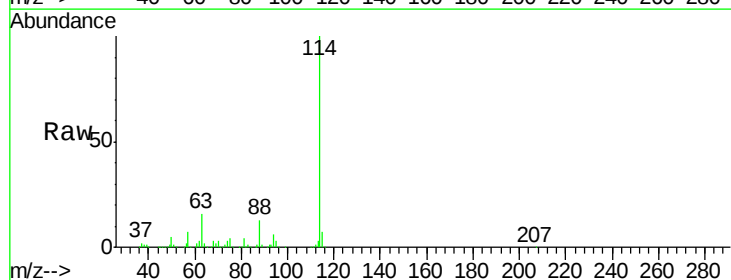
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3-S2

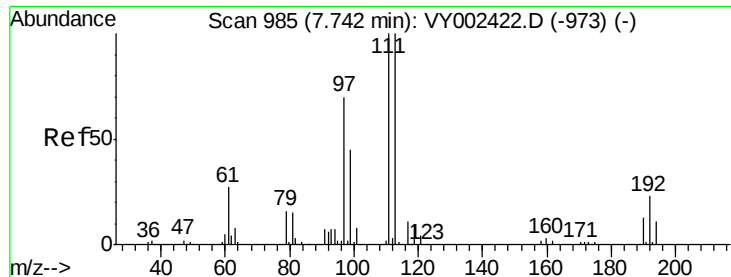
Tot Ion: 65 Resp: 92754
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: VY002440.D
 Acq: 21 Apr 2020 17:55

Tgt Ion: 114 Resp: 355777
 Ion Ratio Lower Upper
 114 100
 63 16.0 0.0 31.0
 88 13.3 0.0 28.2

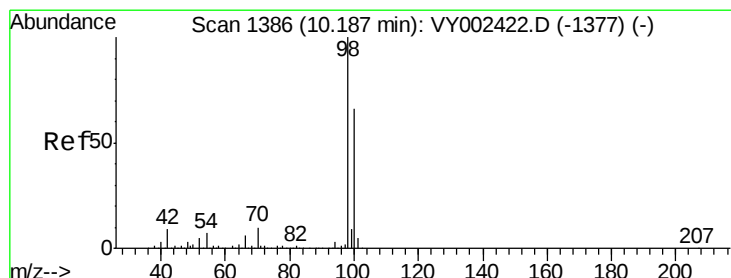
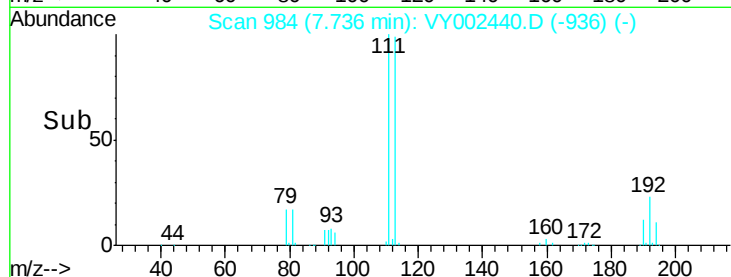
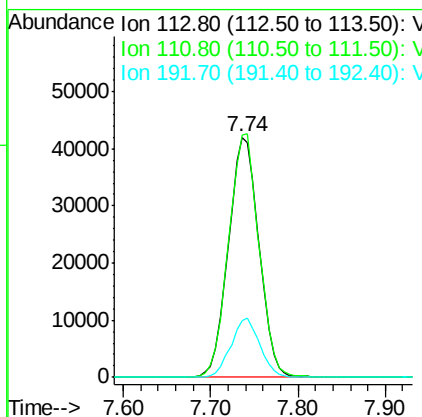
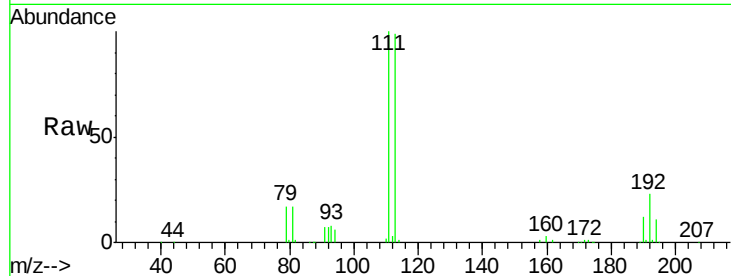




#35
 Dibromofluoromethane
 Concen: 54.490 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: VY002440.D
 Acq: 21 Apr 2020 17:55

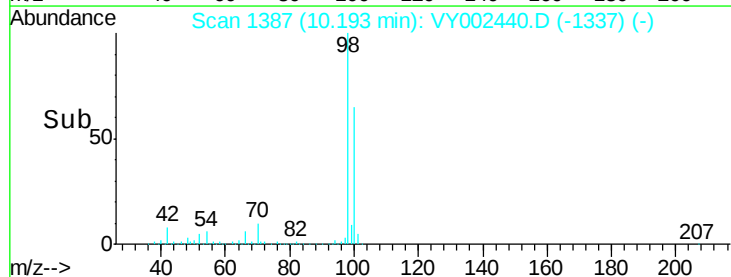
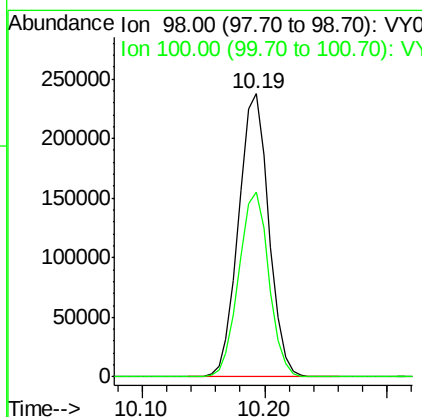
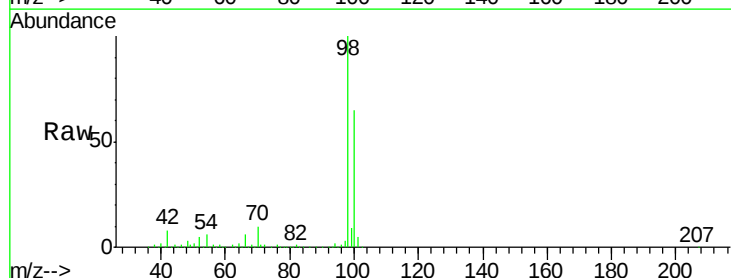
Instrument :
 MSVOA_Y
 ClientSampled :
 TP-3-S2

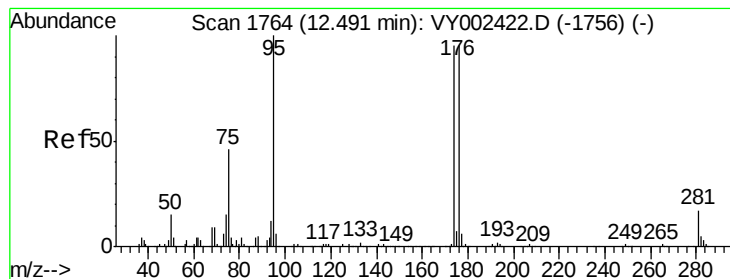
Tot Ion:113 Resp: 101968
 Ion Ratio Lower Upper
 113 100
 111 100.9 81.7 122.5
 192 23.2 17.8 26.6



#50
 Toluene-d8
 Concen: 53.677 ug/l
 RT: 10.19 min Scan# 1387
 Delta R.T. 0.01 min
 Lab File: VY002440.D
 Acq: 21 Apr 2020 17:55

Tgt Ion: 98 Resp: 406266
 Ion Ratio Lower Upper
 98 100
 100 65.0 51.6 77.4





#62

4-Bromofluorobenzene

Concen: 49.021 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VY002440.D

Acq: 21 Apr 2020 17:55

Instrument :

MSVOA_Y

ClientSampleId :

TP-3-S2

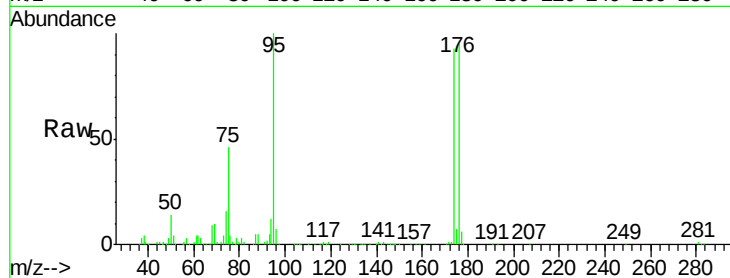
Tot Ion: 95 Resp: 122500

Ion Ratio Lower Upper

95 100

174 95.1 0.0 185.8

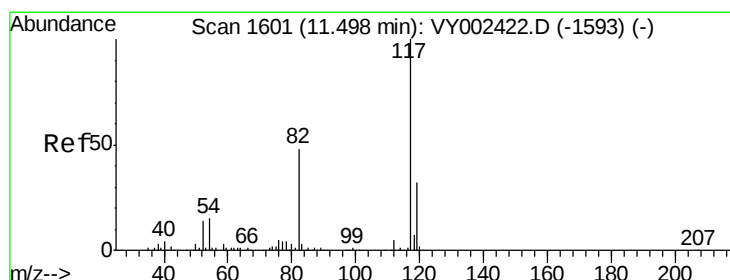
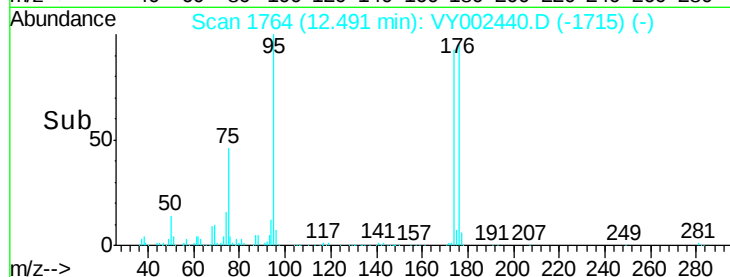
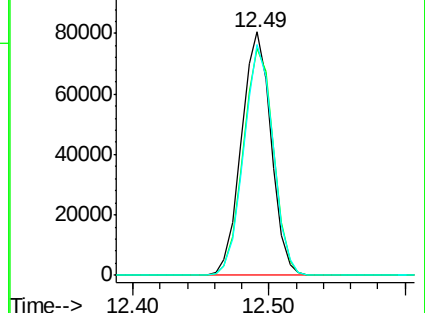
176 93.7 0.0 181.2



Abundance Ion 94.90 (94.60 to 95.60): VY002440.D (-1715) (-)

Ion 173.80 (173.50 to 174.50): VY002440.D (-1715) (-)

Ion 175.80 (175.50 to 176.50): VY002440.D (-1715) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1601

Delta R.T. -0.00 min

Lab File: VY002440.D

Acq: 21 Apr 2020 17:55

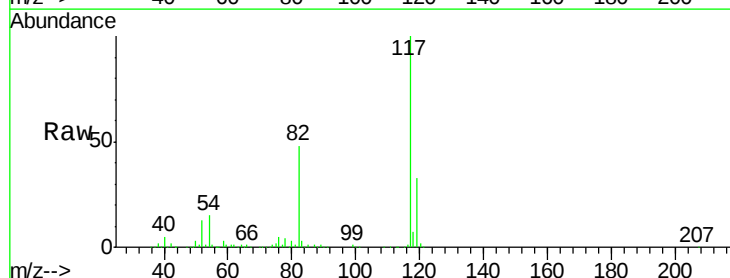
Tgt Ion: 117 Resp: 311002

Ion Ratio Lower Upper

117 100

82 48.4 38.4 57.6

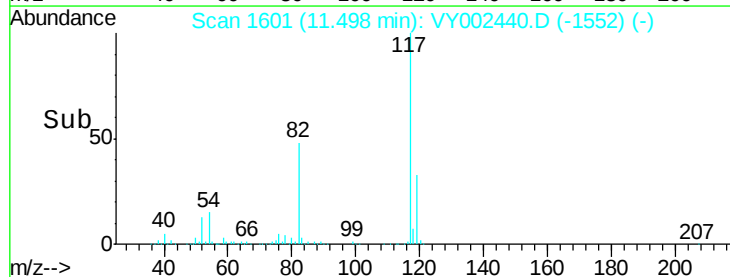
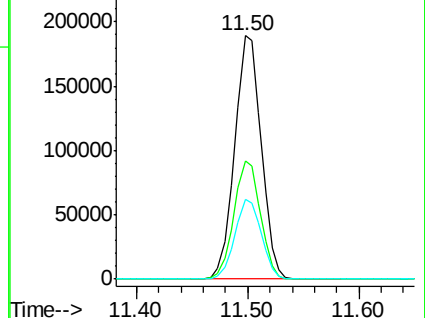
119 32.6 25.3 37.9

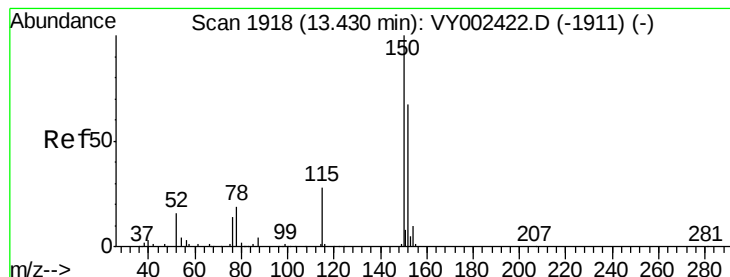


Abundance Ion 116.90 (116.60 to 117.60): VY002440.D (-1552) (-)

Ion 82.00 (81.70 to 82.70): VY002440.D (-1552) (-)

Ion 118.90 (118.60 to 119.60): VY002440.D (-1552) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY002440.D

Acq: 21 Apr 2020 17:55

Instrument :

MSVOA_Y

ClientSampleId :

TP-3-S2

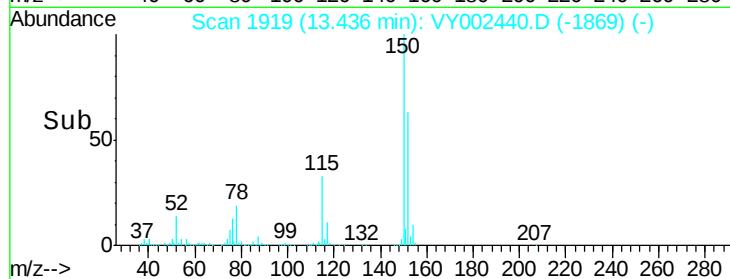
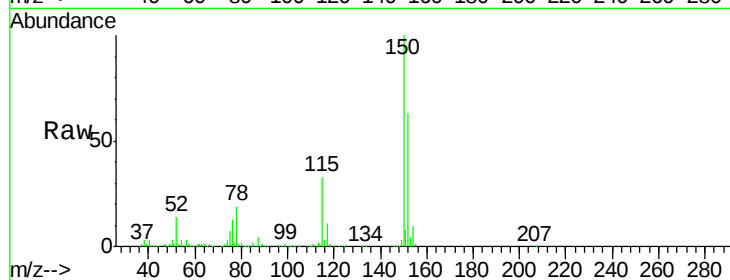
Tot Ion:152 Resp: 146708

Ion Ratio Lower Upper

152 100

115 53.1 27.3 81.8

150 157.3 0.0 344.0



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

