

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020520\
 Data File : VY001505.D
 Acq On : 05 Feb 2020 14:36
 Operator : SY/MD
 Sample : L1390-05
 Misc : 4.99G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5

Quant Time: Feb 06 07:14:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

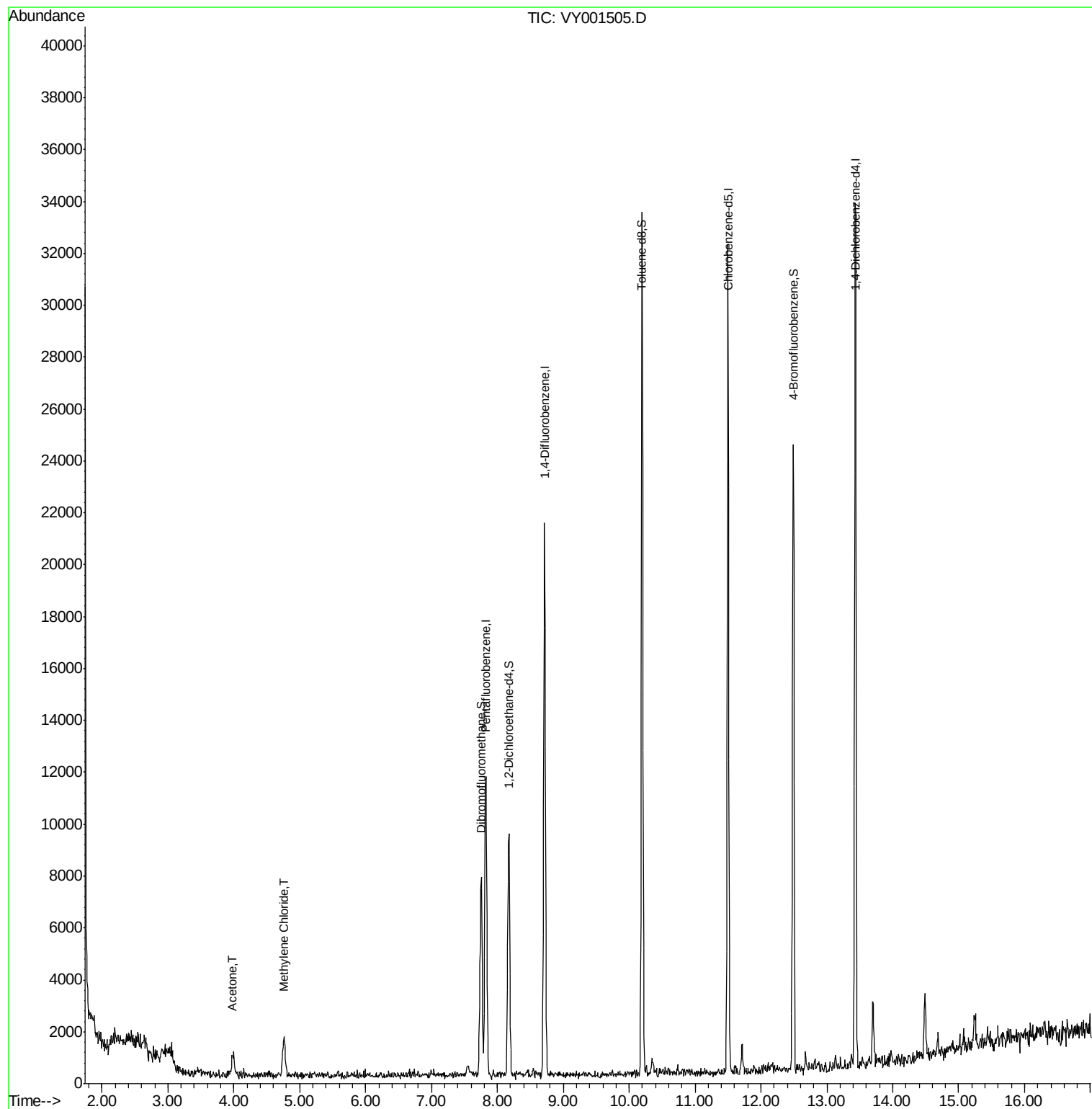
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.83	168	9321	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.72	114	18186	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.50	117	18087	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	8360	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.18	65	7494	79.85	ug/l	0.01
Spiked Amount 50.000			Recovery	=	159.70%	
35) Dibromofluoromethane	7.76	113	5756	54.89	ug/l	0.02
Spiked Amount 50.000			Recovery	=	109.78%	
50) Toluene-d8	10.19	98	22012	55.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.96%	
62) 4-Bromofluorobenzene	12.49	95	8680	55.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.06%	
Target Compounds						
16) Acetone	3.97	43	1557	57.355	ug/l	96
20) Methylene Chloride	4.75	84	1118	6.396	ug/l #	85

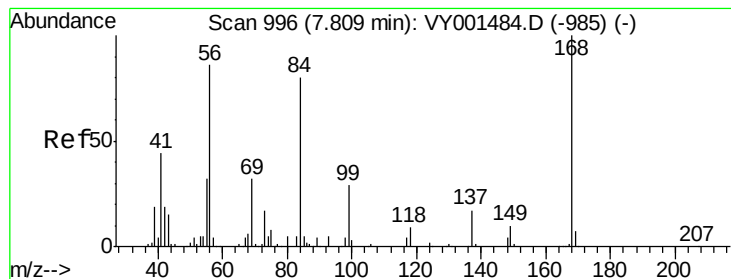
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.83 min Scan# 999

Delta R.T. 0.02 min

Lab File: VY001505.D

Acq: 05 Feb 2020 14:36

Instrument :

MSVOA_Y

ClientSampled :

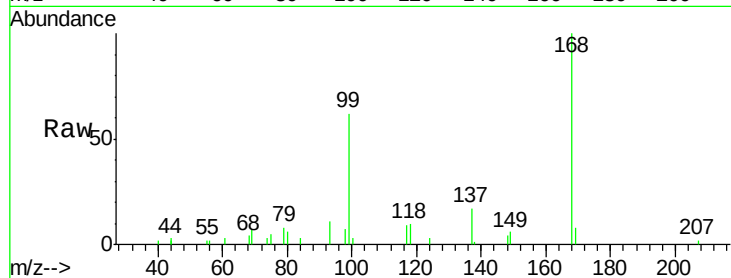
SB-5

Tot Ion:168 Resp: 9321

Ion Ratio Lower Upper

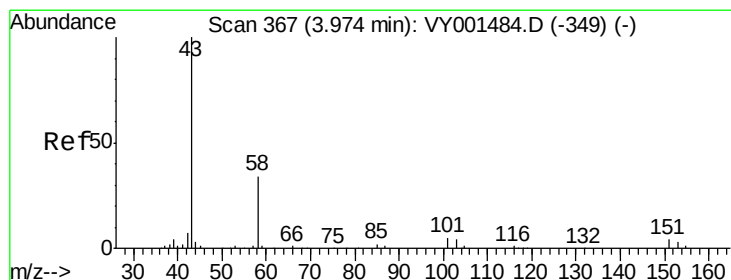
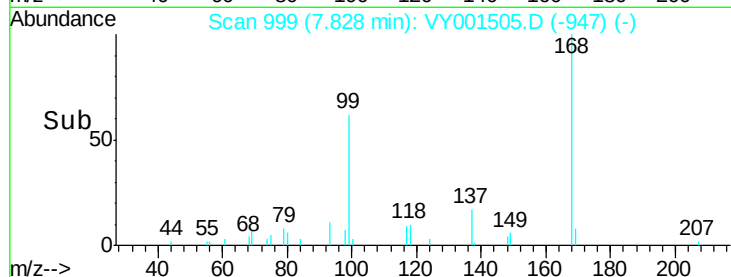
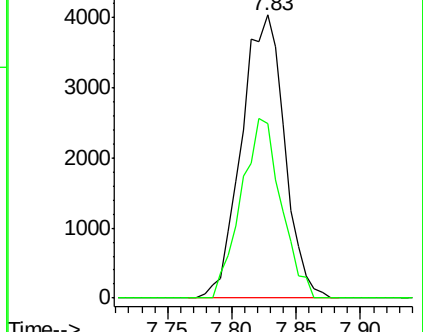
168 100

99 61.8 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001505.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY001505.D (-947) (-)



#16

Acetone

Concen: 57.355 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.00 min

Lab File: VY001505.D

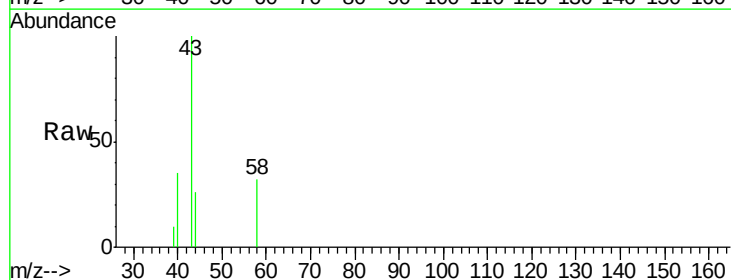
Acq: 05 Feb 2020 14:36

Tgt Ion: 43 Resp: 1557

Ion Ratio Lower Upper

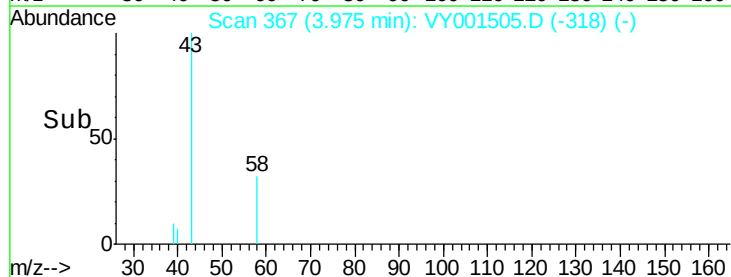
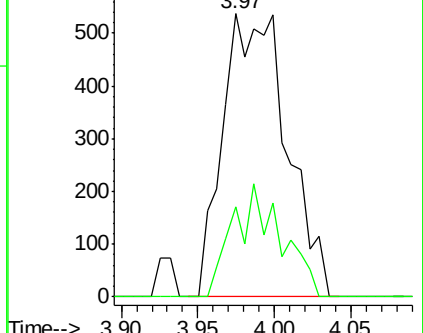
43 100

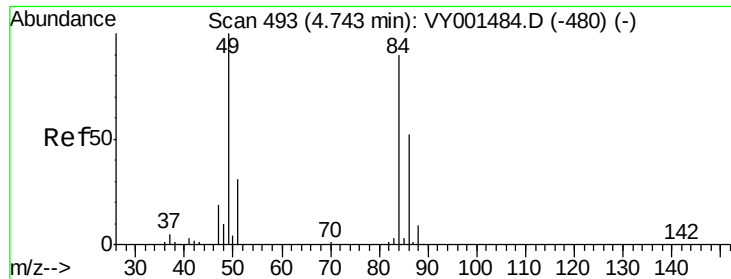
58 31.8 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VY001505.D (-318) (-)

Ion 58.00 (57.70 to 58.70): VY001505.D (-318) (-)

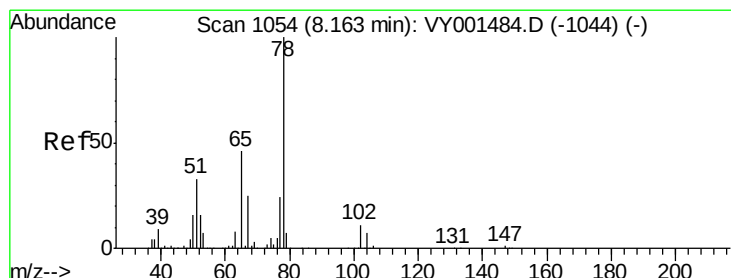
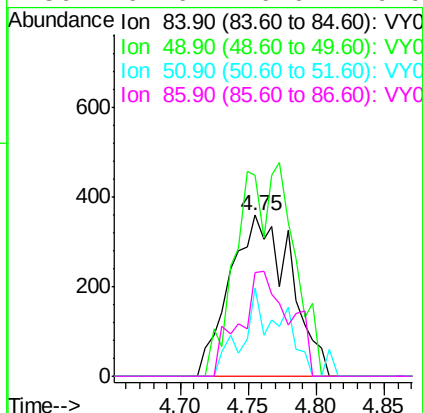
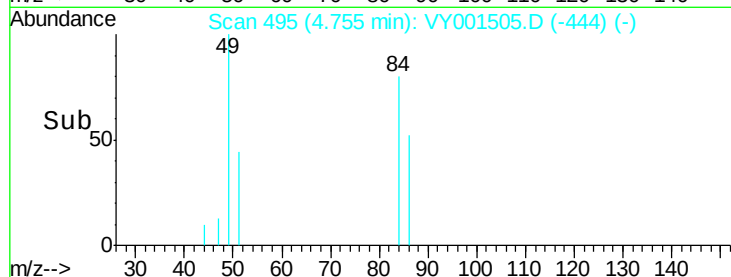
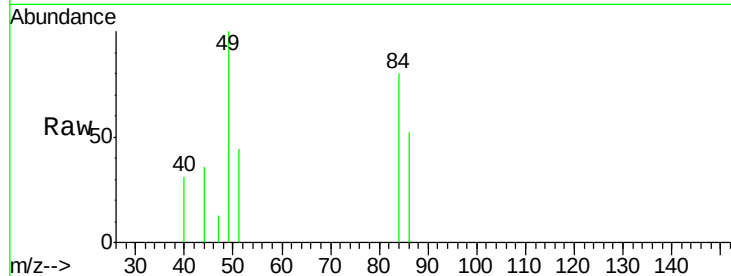




#20
Methylene Chloride
Concen: 6.396 ug/l
RT: 4.75 min Scan# 495
Delta R.T. 0.01 min
Lab File: VY001505.D
Acq: 05 Feb 2020 14:36

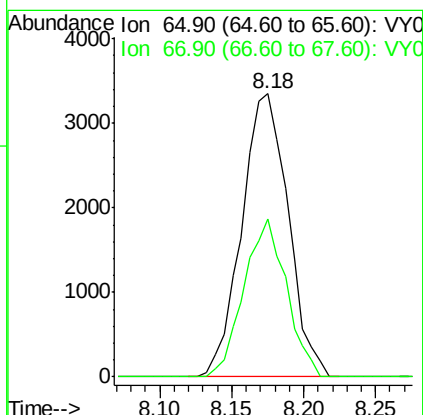
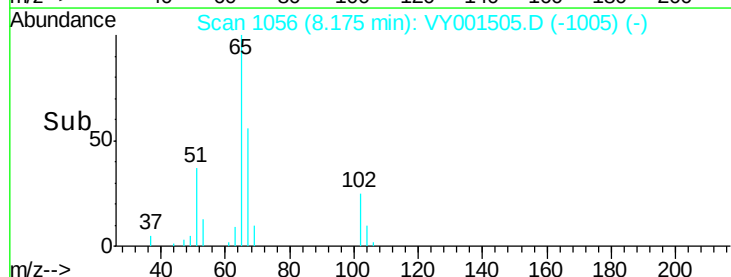
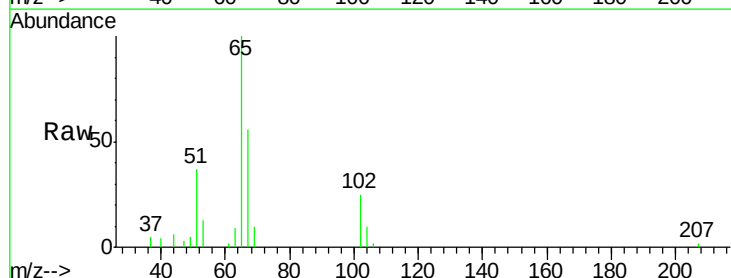
Instrument :
MSVOA_Y
ClientSampled :
SB-5

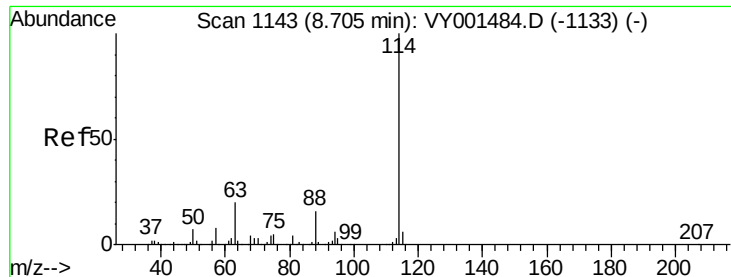
Tot Ion: 84 Resp: 1118
Ion Ratio Lower Upper
84 100
49 124.8 89.0 133.6
51 54.9 27.4 41.2#
86 64.6 46.6 70.0



#33
1,2-Dichloroethane-d4
Concen: 79.852 ug/l
RT: 8.18 min Scan# 1056
Delta R.T. 0.01 min
Lab File: VY001505.D
Acq: 05 Feb 2020 14:36

Tgt Ion: 65 Resp: 7494
Ion Ratio Lower Upper
65 100
67 51.1 0.0 108.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.72 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VY001505.D

Acq: 05 Feb 2020 14:36

Instrument :

MSVOA_Y

ClientSampleId :

SB-5

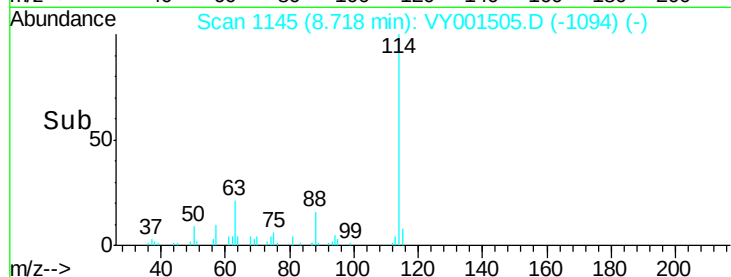
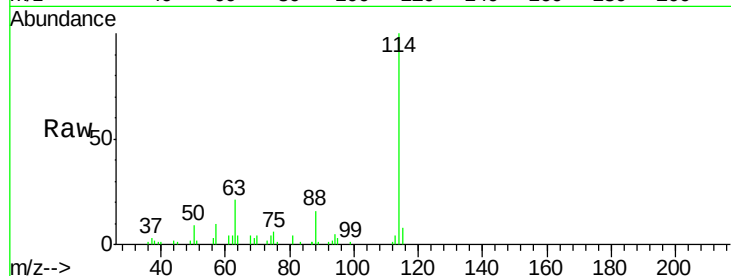
Tot Ion:114 Resp: 18186

Ion Ratio Lower Upper

114 100

63 20.9 0.0 39.8

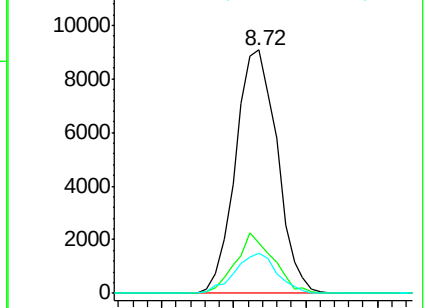
88 16.4 0.0 32.6



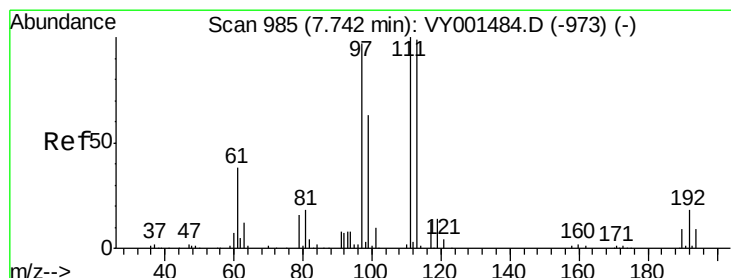
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



Time-->



#35

Dibromofluoromethane

Concen: 54.887 ug/l

RT: 7.76 min Scan# 988

Delta R.T. 0.02 min

Lab File: VY001505.D

Acq: 05 Feb 2020 14:36

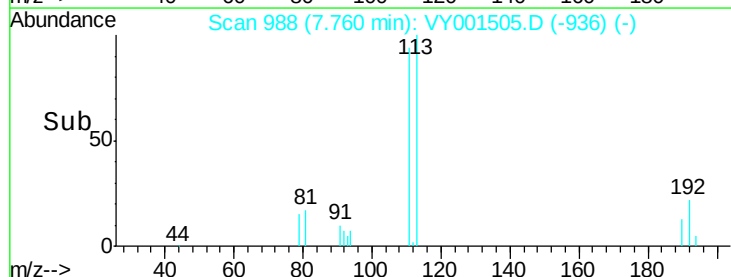
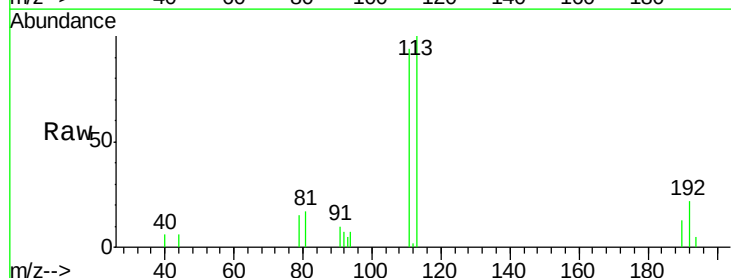
Tgt Ion:113 Resp: 5756

Ion Ratio Lower Upper

113 100

111 101.9 82.9 124.3

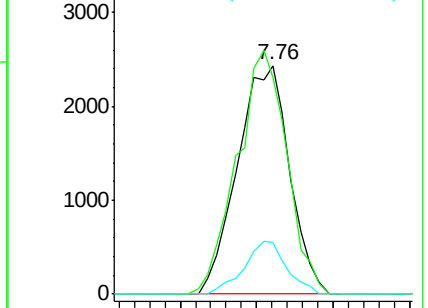
192 19.0 14.6 22.0



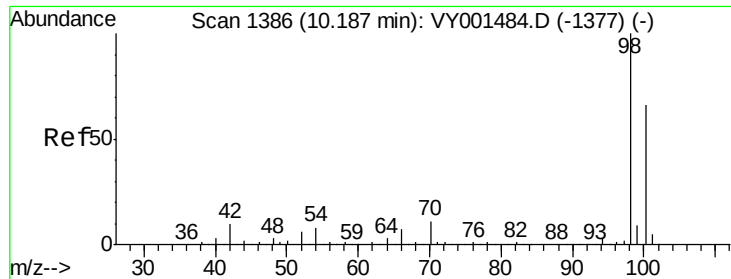
Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



Time-->



#50

Toluene-d8

Concen: 55.479 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY001505.D

Acq: 05 Feb 2020 14:36

Instrument :

MSVOA_Y

ClientSampled :

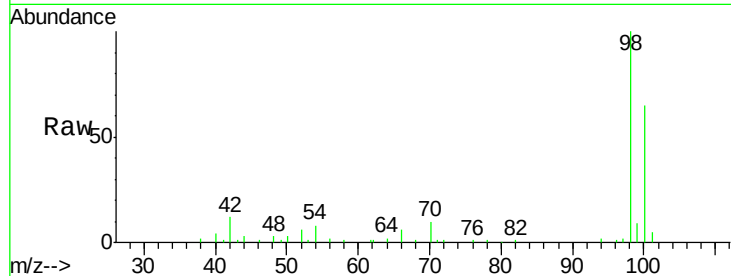
SB-5

Tot Ion: 98 Resp: 22012

Ion Ratio Lower Upper

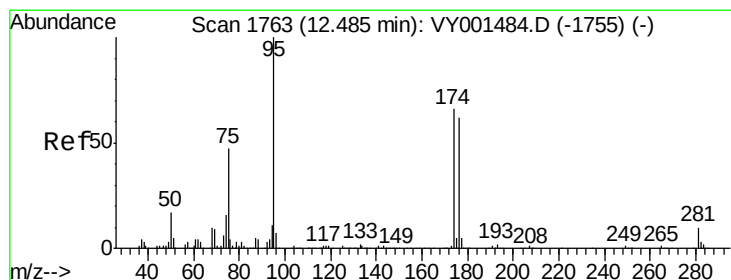
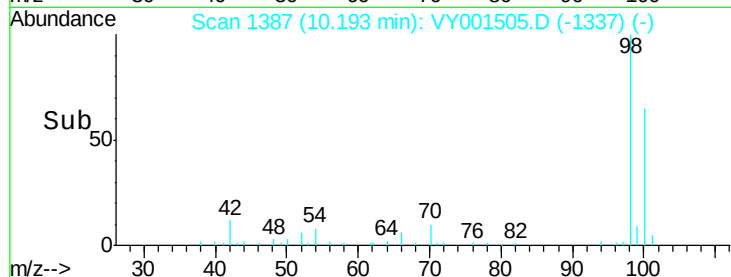
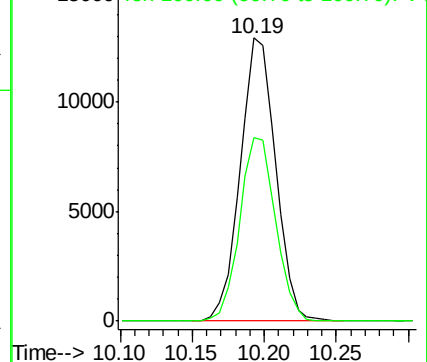
98 100

100 65.7 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



#62

4-Bromofluorobenzene

Concen: 55.533 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VY001505.D

Acq: 05 Feb 2020 14:36

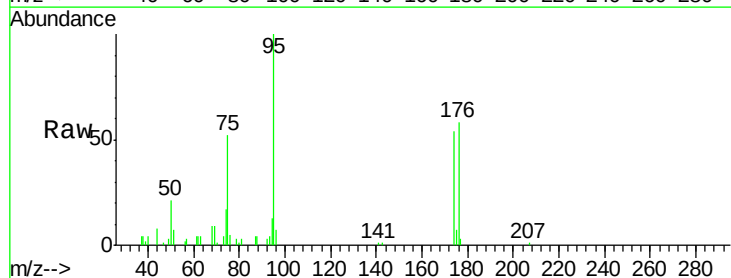
Tgt Ion: 95 Resp: 8680

Ion Ratio Lower Upper

95 100

174 68.3 0.0 141.4

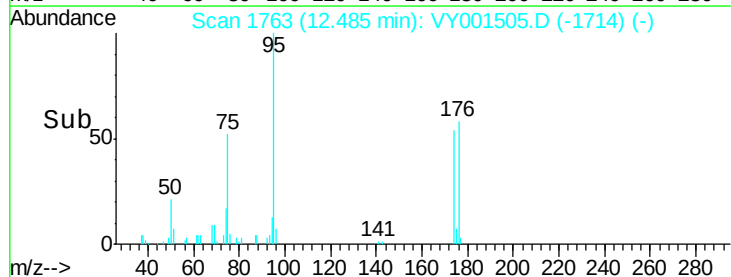
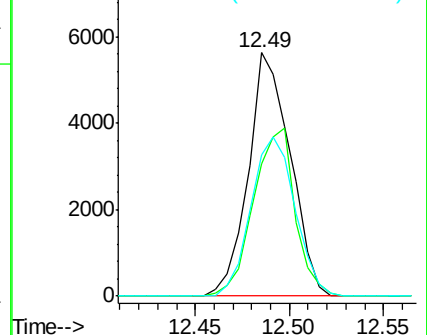
176 68.8 0.0 135.4

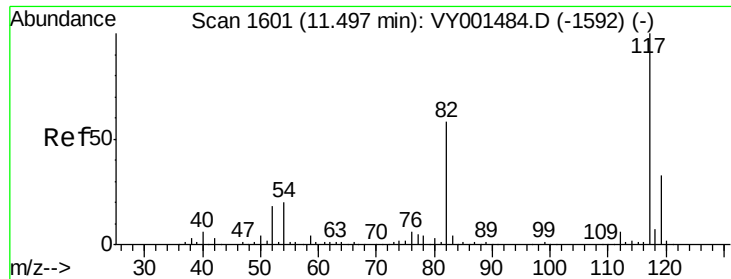


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

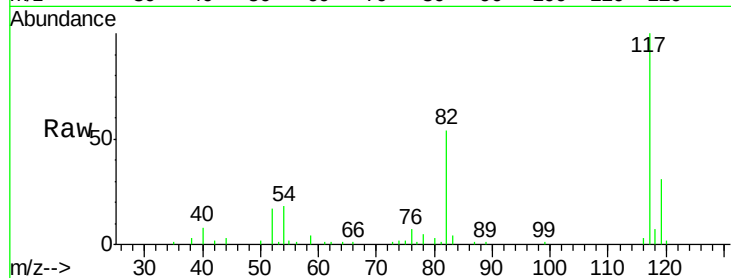




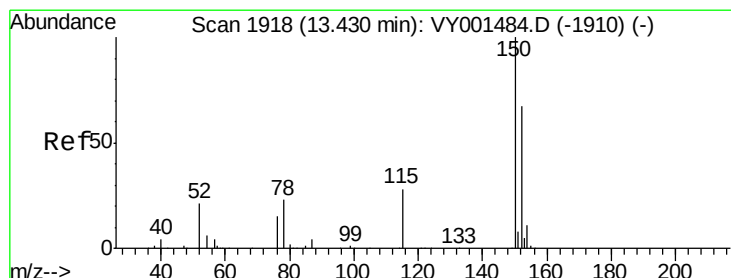
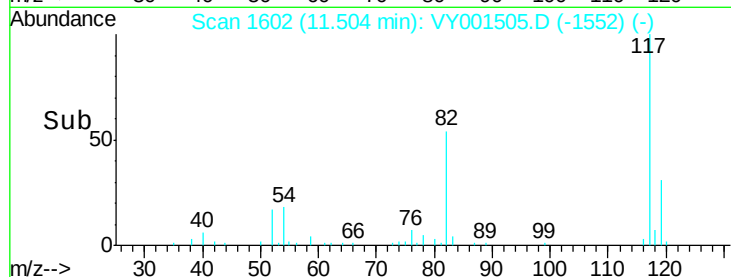
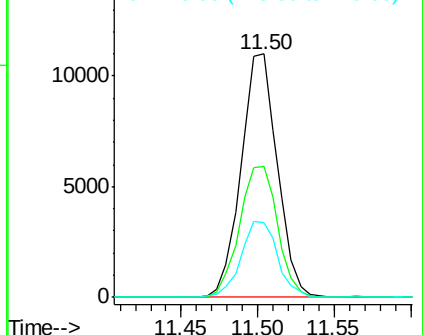
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001505.D
Acq: 05 Feb 2020 14:36

Instrument :
MSVOA_Y
ClientSampleId :
SB-5

Tot Ion:117 Resp: 18087
Ion Ratio Lower Upper
117 100
82 53.9 46.1 69.1
119 30.6 26.1 39.1

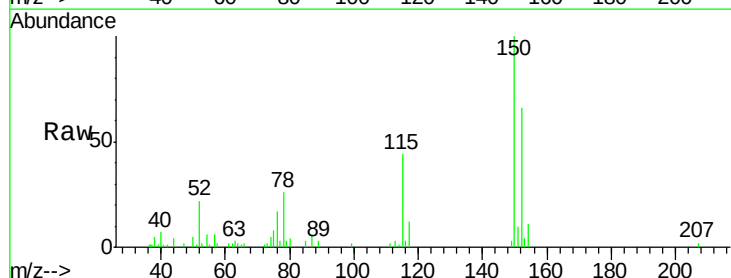


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VY001505.D
Acq: 05 Feb 2020 14:36

Tgt Ion:152 Resp: 8360
Ion Ratio Lower Upper
152 100
115 61.6 31.4 94.3
150 154.3 0.0 346.8



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

