

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020420\
 Data File : VY001493.D
 Acq On : 04 Feb 2020 17:43
 Operator : SY/MD
 Sample : L1390-02
 Misc : 6.80G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2

Quant Time: Feb 05 06:57:36 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

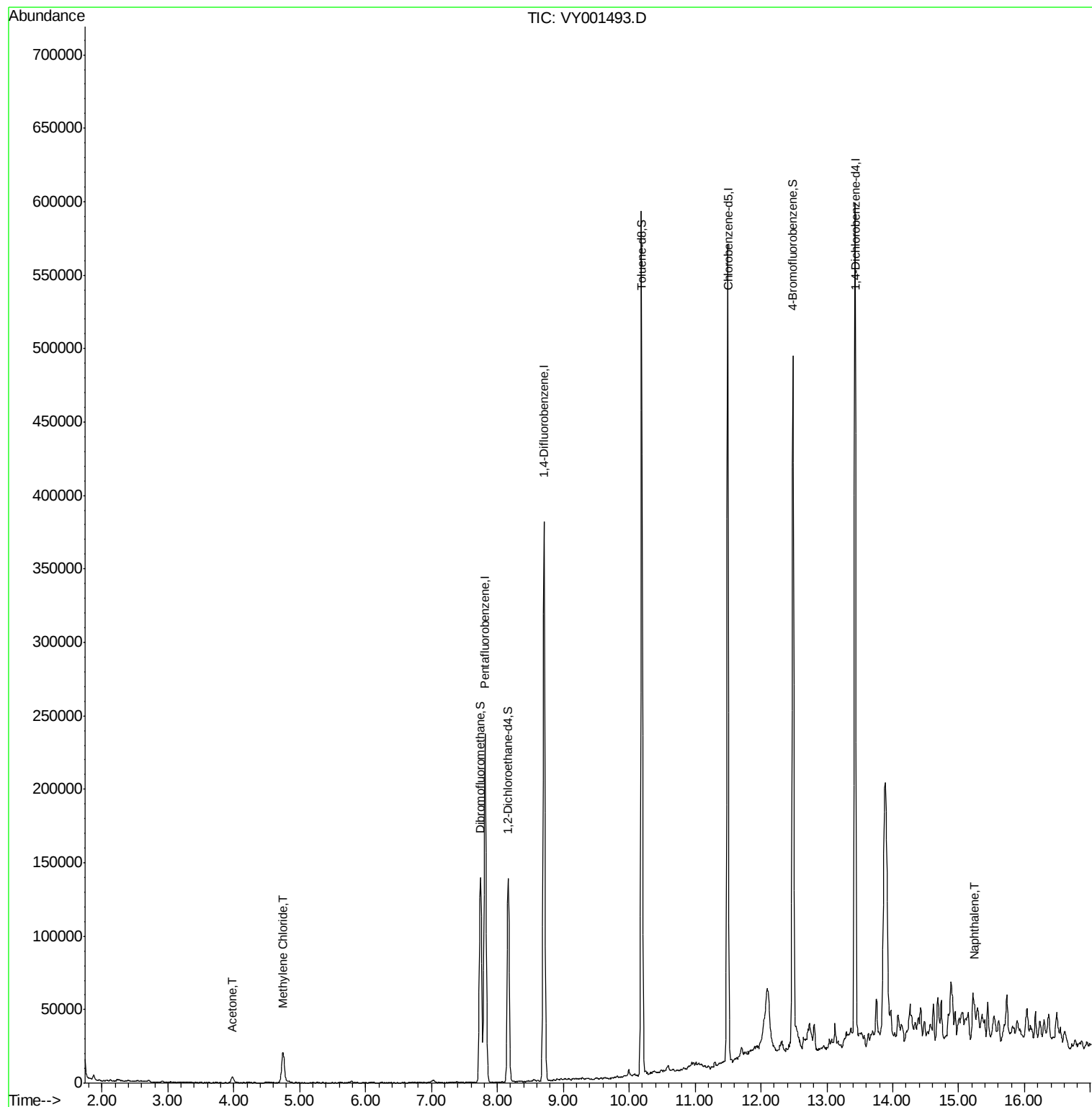
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	183613	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	333819	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	309671	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	146855	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	110395	59.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.42%	
35) Dibromofluoromethane	7.74	113	103364	53.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.40%	
50) Toluene-d8	10.19	98	398077	54.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.32%	
62) 4-Bromofluorobenzene	12.49	95	157112	54.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.52%	
Target Compounds						
16) Acetone	3.98	43	7576	14.167	ug/l #	82
20) Methylene Chloride	4.75	84	16892	3.690	ug/l	96
95) Naphthalene	15.24	128	11719	1.758	ug/l #	90

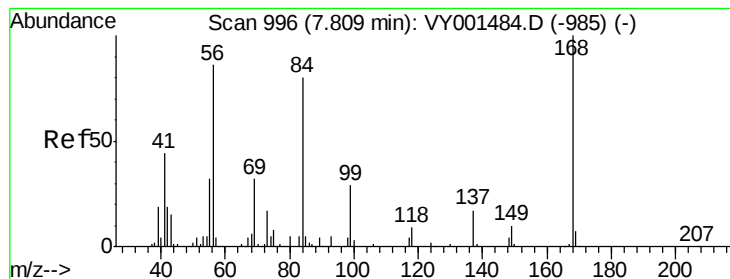
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY020420\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY001493.D

Acq: 04 Feb 2020 17:43

Instrument :

MSVOA_Y

ClientSampleId :

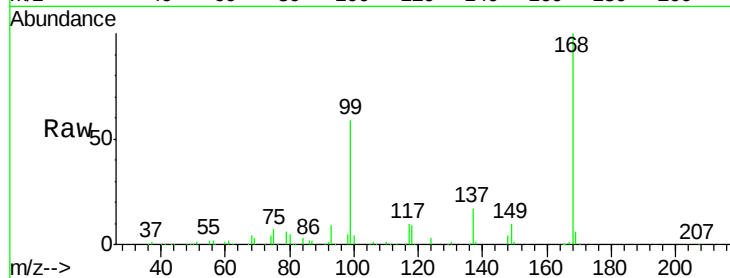
SB-2

Tot Ion:168 Resp: 183613

Ion Ratio Lower Upper

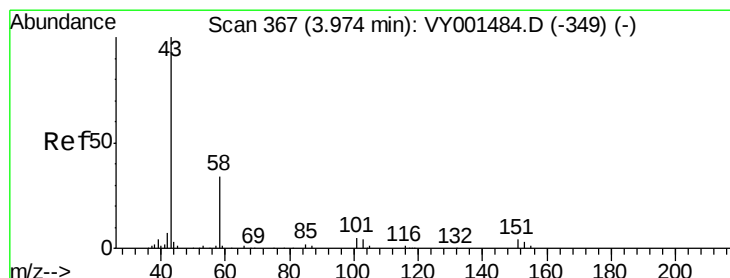
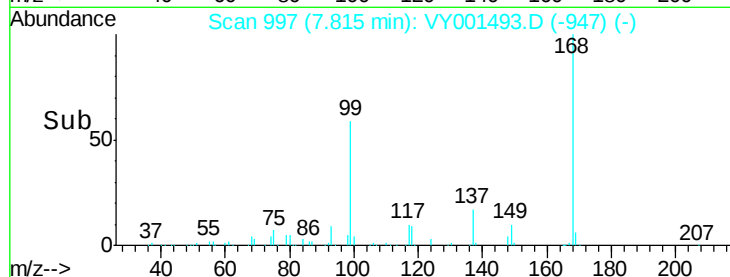
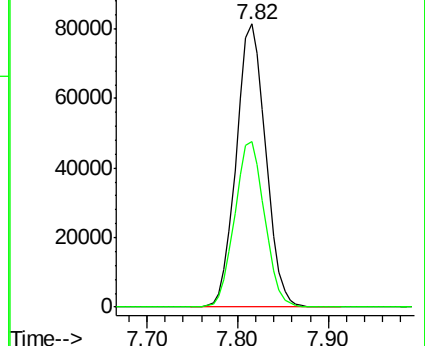
168 100

99 58.6 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001484.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY001484.D (-985) (-)



#16

Acetone

Concen: 14.167 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.01 min

Lab File: VY001493.D

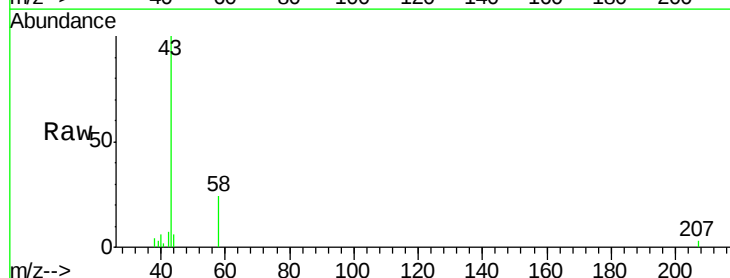
Acq: 04 Feb 2020 17:43

Tgt Ion: 43 Resp: 7576

Ion Ratio Lower Upper

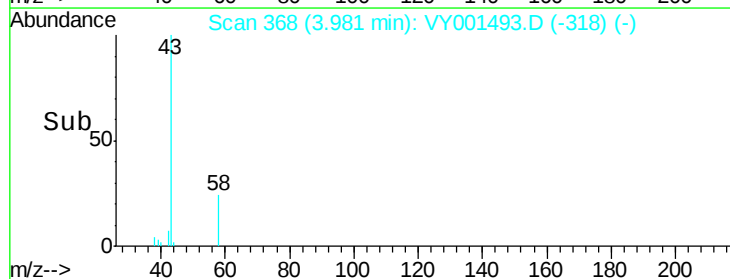
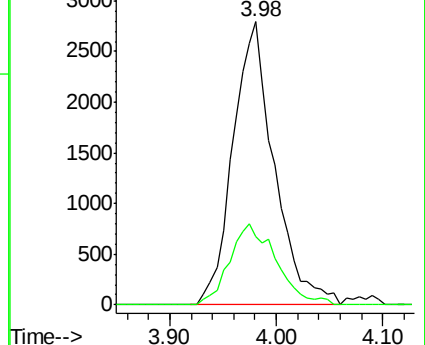
43 100

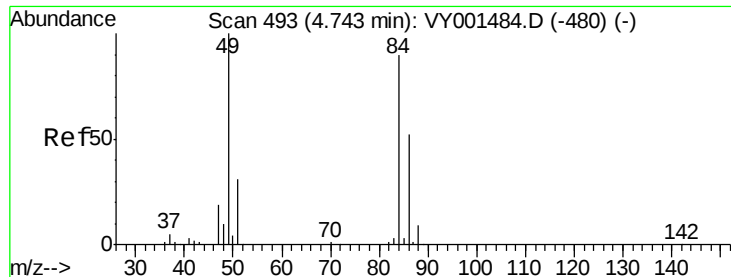
58 24.3 27.5 41.3#



Abundance Ion 43.00 (42.70 to 43.70): VY001484.D (-349) (-)

Ion 58.00 (57.70 to 58.70): VY001484.D (-349) (-)





#20

Methylene Chloride

Concen: 3.690 ug/l

RT: 4.75 min Scan# 494

Delta R.T. 0.01 min

Lab File: VY001493.D

Acq: 04 Feb 2020 17:43

Instrument :

MSVOA_Y

ClientSampleId :

SB-2

Tot Ion: 84 Resp: 16892

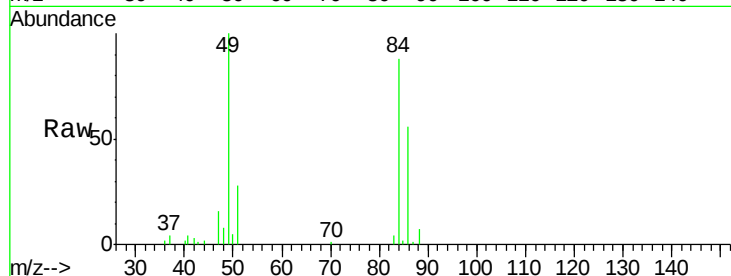
Ion Ratio Lower Upper

84 100

49 113.3 89.0 133.6

51 32.3 27.4 41.2

86 63.5 46.6 70.0



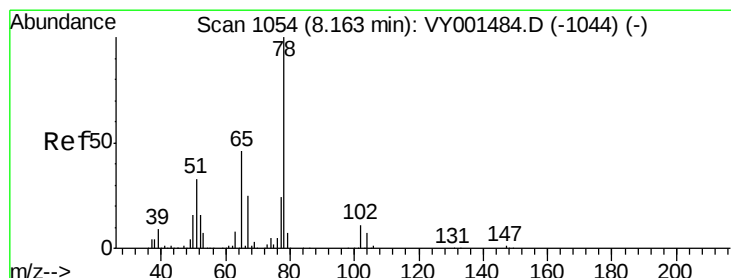
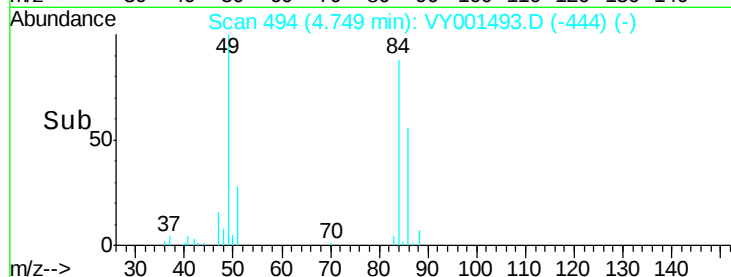
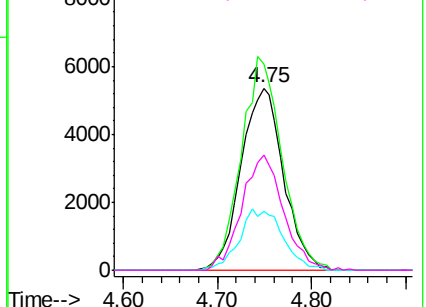
Abundance

Ion 83.90 (83.60 to 84.60): VY0

Ion 48.90 (48.60 to 49.60): VY0

Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0



#33

1,2-Dichloroethane-d4

Concen: 59.714 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. 0.00 min

Lab File: VY001493.D

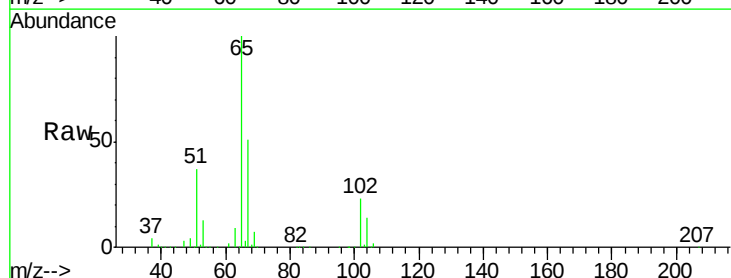
Acq: 04 Feb 2020 17:43

Tgt Ion: 65 Resp: 110395

Ion Ratio Lower Upper

65 100

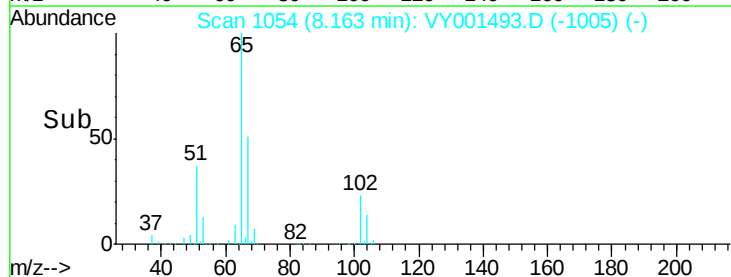
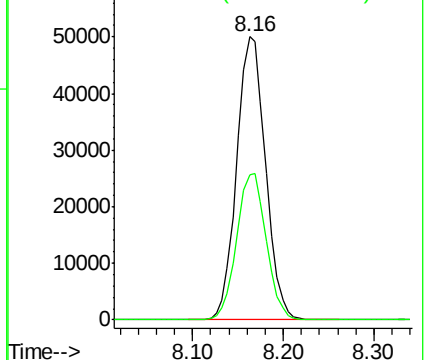
67 53.2 0.0 108.6

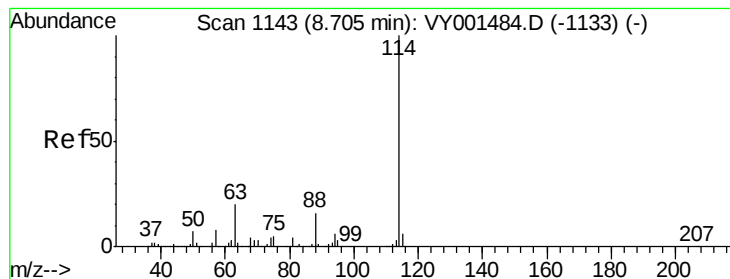


Abundance

Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. 0.00 min

Lab File: VY001493.D

Acq: 04 Feb 2020 17:43

Instrument :

MSVOA_Y

ClientSampleId :

SB-2

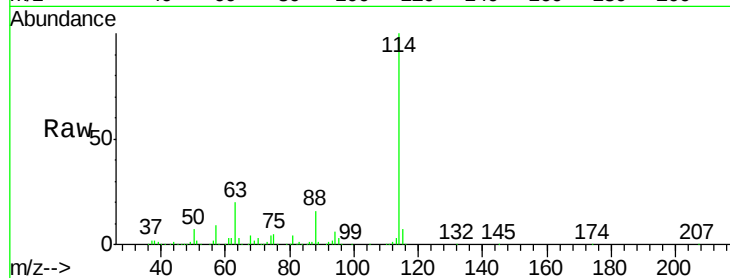
Tot Ion:114 Resp: 333819

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.8

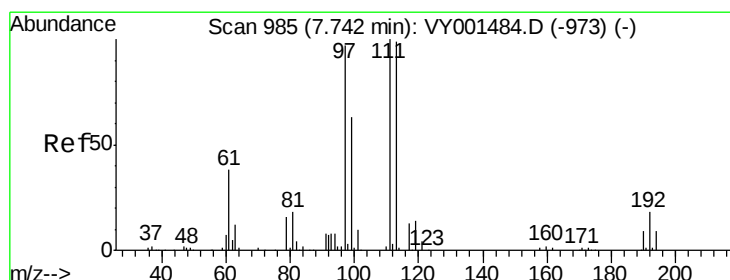
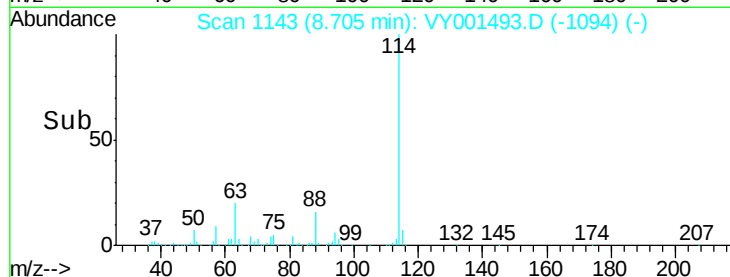
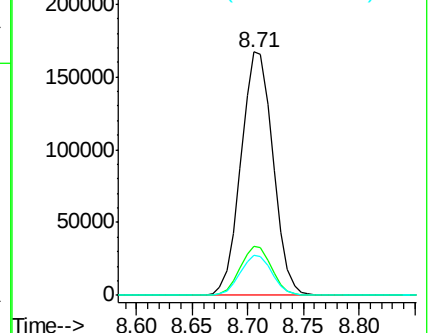
88 16.4 0.0 32.6



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



#35

Dibromofluoromethane

Concen: 53.697 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.00 min

Lab File: VY001493.D

Acq: 04 Feb 2020 17:43

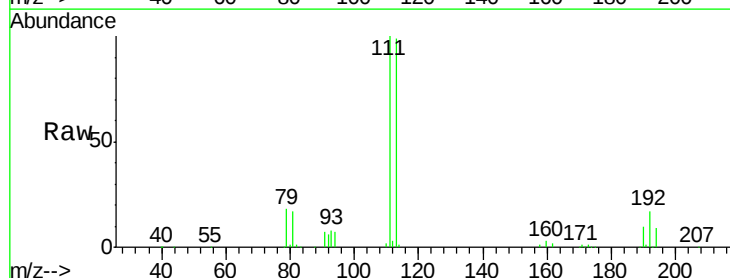
Tgt Ion:113 Resp: 103364

Ion Ratio Lower Upper

113 100

111 102.5 82.9 124.3

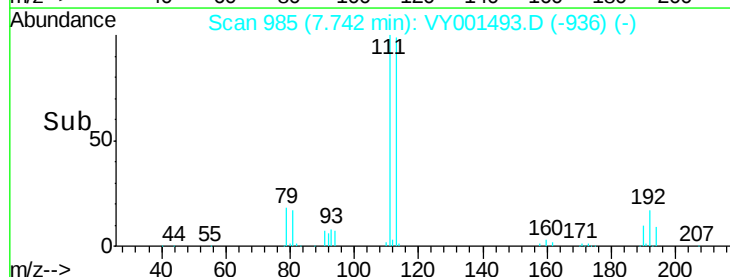
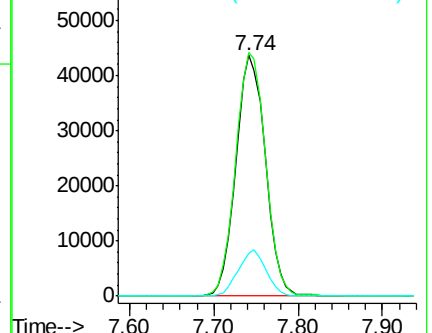
192 18.1 14.6 22.0

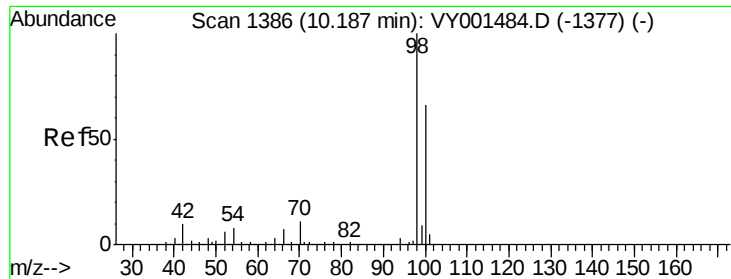


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 54.659 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY001493.D

Acq: 04 Feb 2020 17:43

Instrument :

MSVOA_Y

ClientSampled :

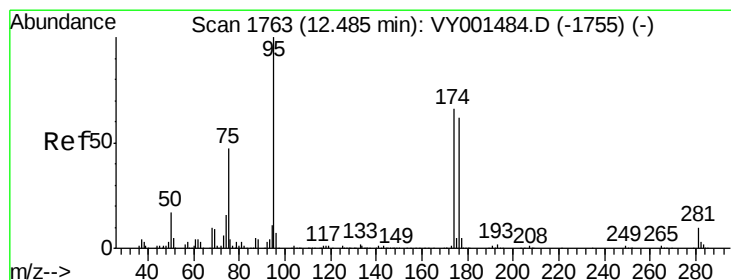
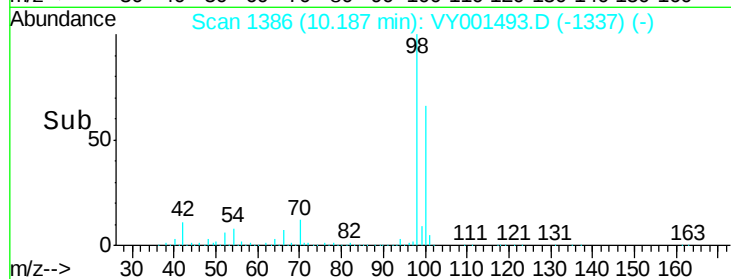
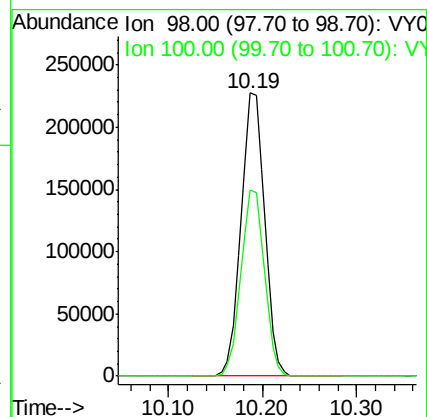
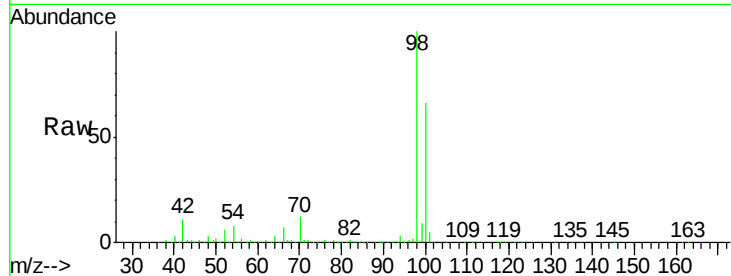
SB-2

Tot Ion: 98 Resp: 398077

Ion Ratio Lower Upper

98 100

100 65.3 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 54.760 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VY001493.D

Acq: 04 Feb 2020 17:43

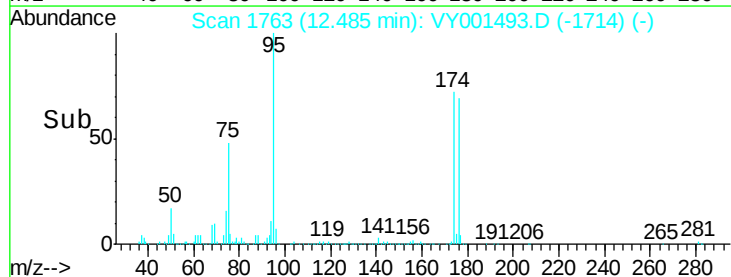
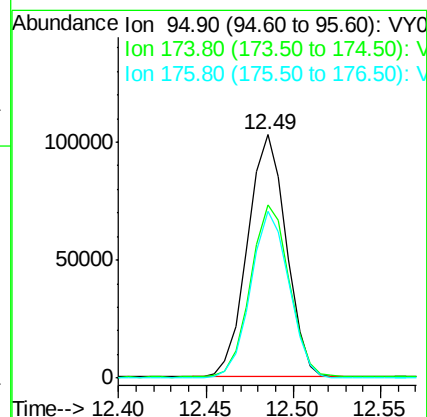
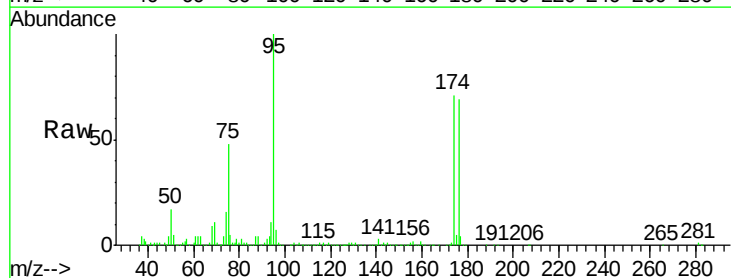
Tgt Ion: 95 Resp: 157112

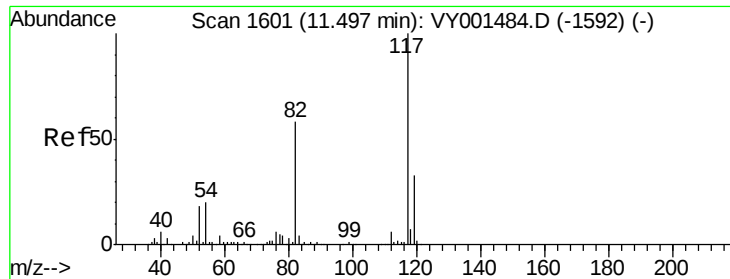
Ion Ratio Lower Upper

95 100

174 74.1 0.0 141.4

176 68.7 0.0 135.4

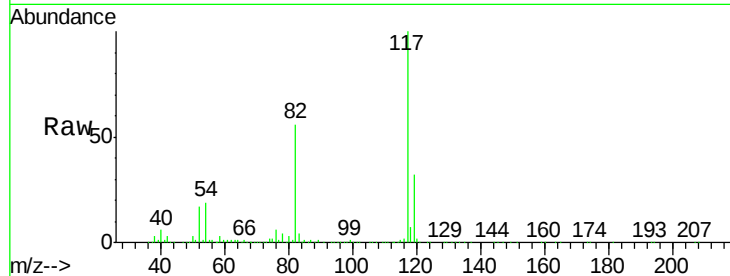




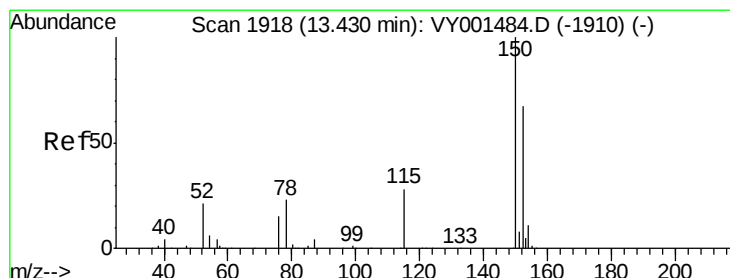
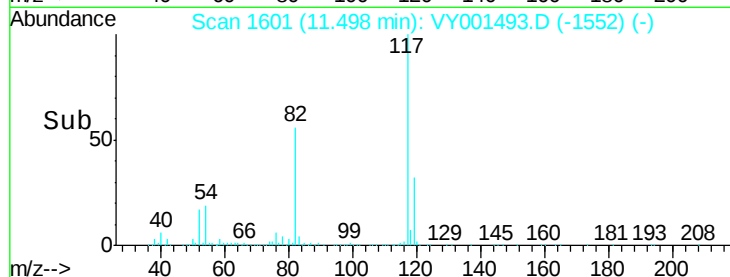
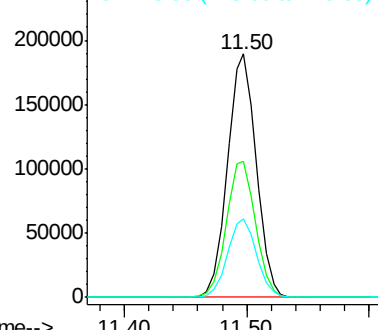
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY001493.D
Acq: 04 Feb 2020 17:43

Instrument :
MSVOA_Y
ClientSampleId :
SB-2

Tot Ion:117 Resp: 309671
Ion Ratio Lower Upper
117 100
82 55.9 46.1 69.1
119 32.2 26.1 39.1

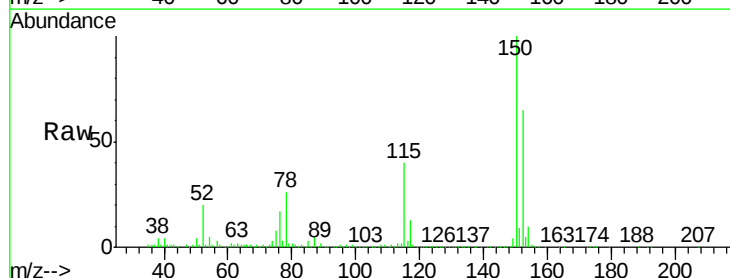


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

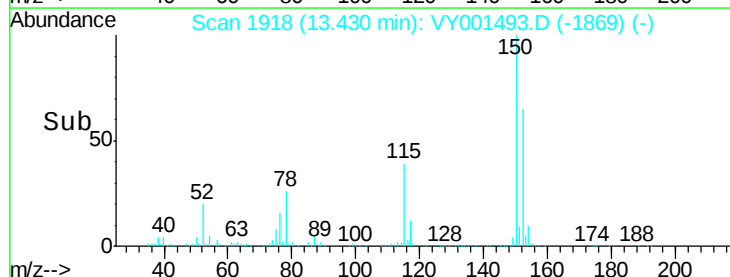
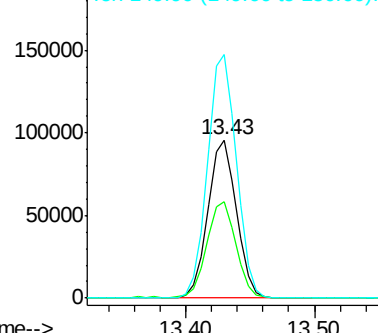


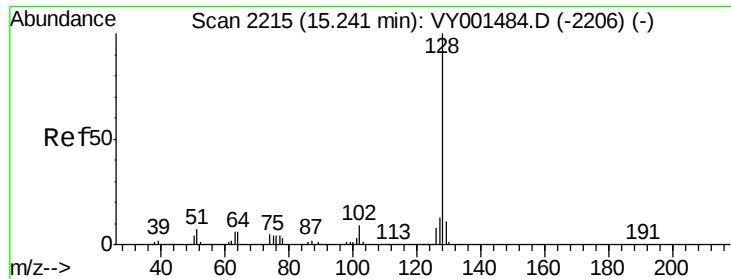
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VY001493.D
Acq: 04 Feb 2020 17:43

Tgt Ion:152 Resp: 146855
Ion Ratio Lower Upper
152 100
115 61.9 31.4 94.3
150 156.4 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

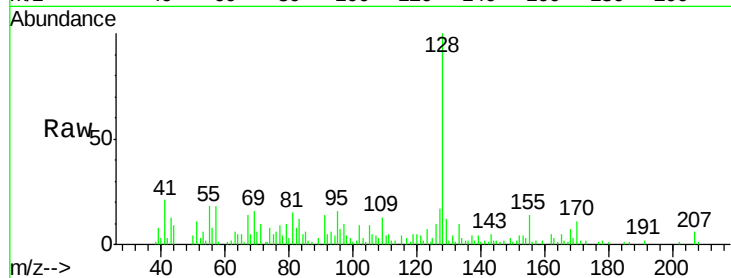




#95
Naphthalene
Concen: 1.758 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. 0.00 min
Lab File: VY001493.D
Acq: 04 Feb 2020 17:43

Instrument :
MSVOA_Y
ClientSampleId :
SB-2

Tot Ion	Ratio	Lower	Upper
128	100		
127	15.8	10.1	15.1#
129	15.7	8.9	13.3#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

