

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020420\
 Data File : VY001495.D
 Acq On : 04 Feb 2020 18:28
 Operator : SY/MD
 Sample : L1390-04
 Misc : 8.21G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4

Quant Time: Feb 05 05:58:33 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

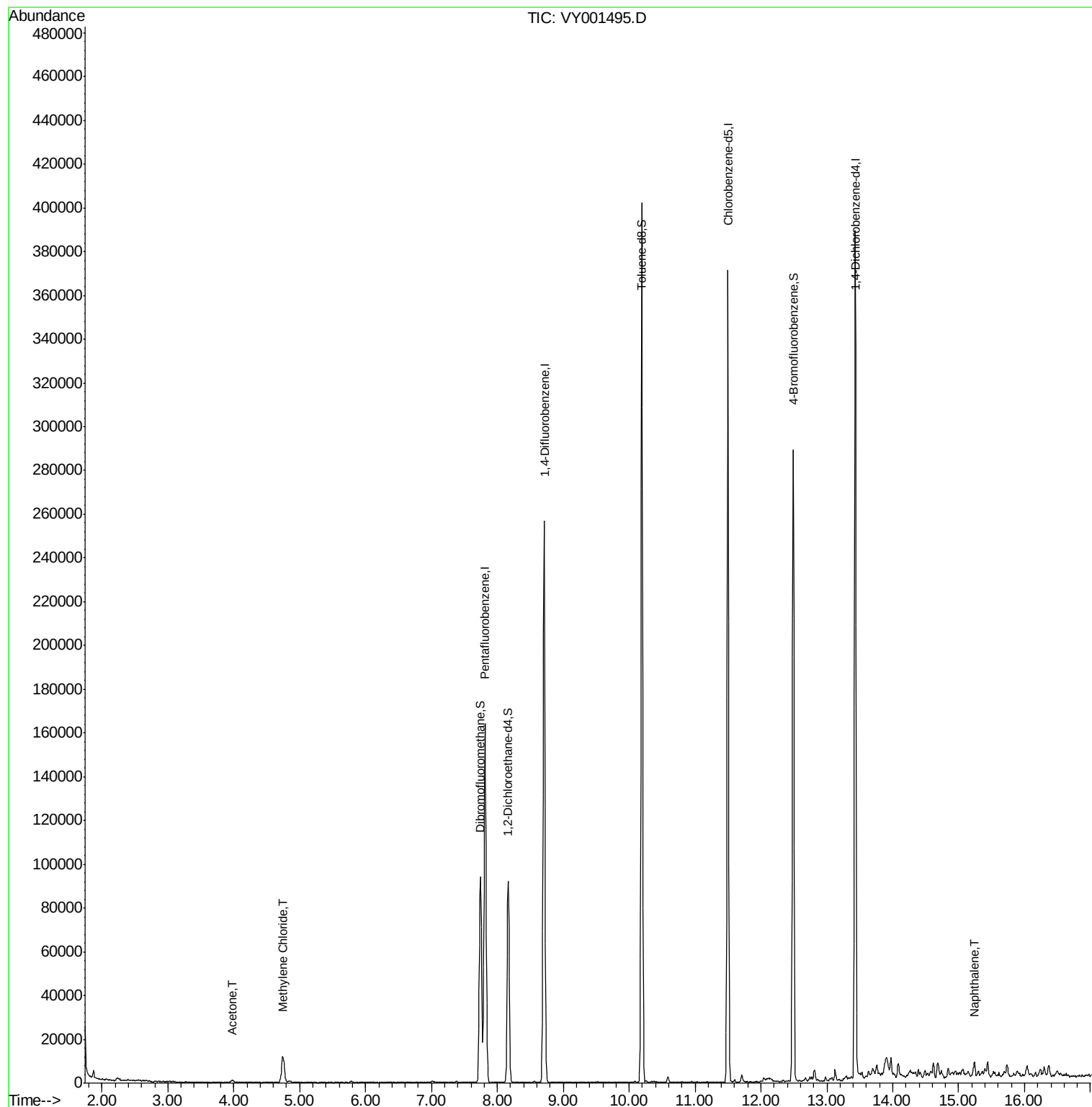
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	124879	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	226281	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	201249	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	92620	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	72931	58.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.00%	
35) Dibromofluoromethane	7.74	113	66798	51.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.38%	
50) Toluene-d8	10.19	98	265532	53.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.58%	
62) 4-Bromofluorobenzene	12.49	95	101548	52.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.42%	
Target Compounds						
16) Acetone	3.98	43	2403	6.607	ug/l #	84
20) Methylene Chloride	4.74	84	9542	2.180	ug/l	96
95) Naphthalene	15.25	128	4368	1.039	ug/l #	95

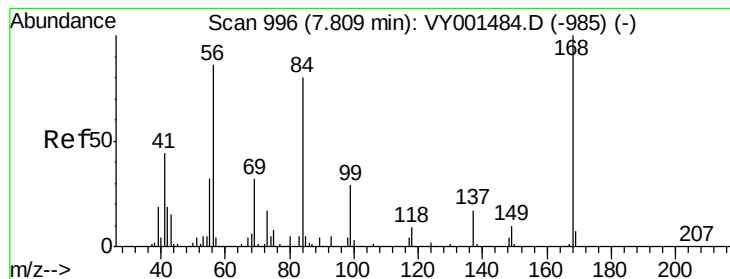
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY020420\
Data File : VY001495.D
Acq On : 04 Feb 2020 18:28
Operator : SY/MD
Sample : L1390-04
Misc : 8.21G/5ML/MSVOA Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-4

Quant Time: Feb 05 05:58:33 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 04 15:10:08 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY001495.D

Acq: 04 Feb 2020 18:28

Instrument :

MSVOA_Y

ClientSampled :

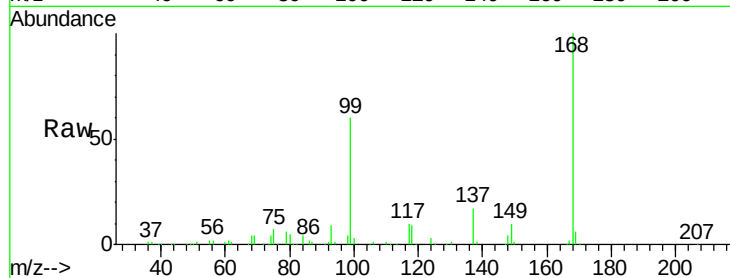
SB-4

Tot Ion:168 Resp: 124879

Ion Ratio Lower Upper

168 100

99 60.0 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) (-)

7.82

60000

50000

40000

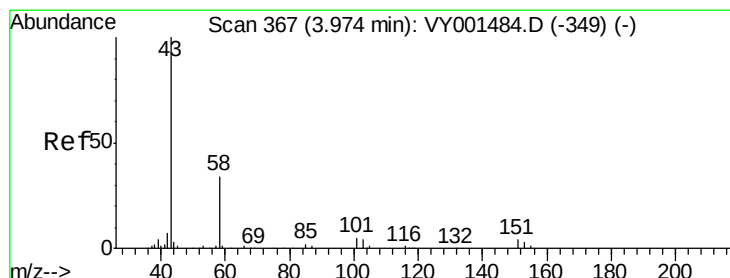
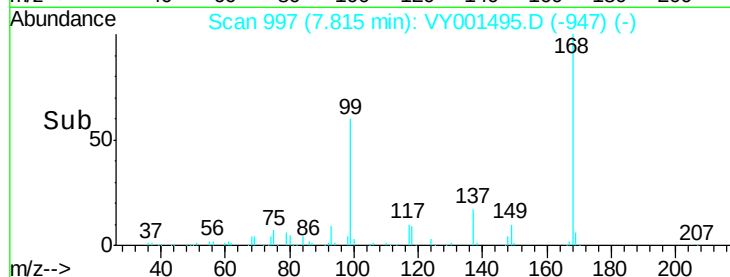
30000

20000

10000

0

Time-->



#16

Acetone

Concen: 6.607 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.01 min

Lab File: VY001495.D

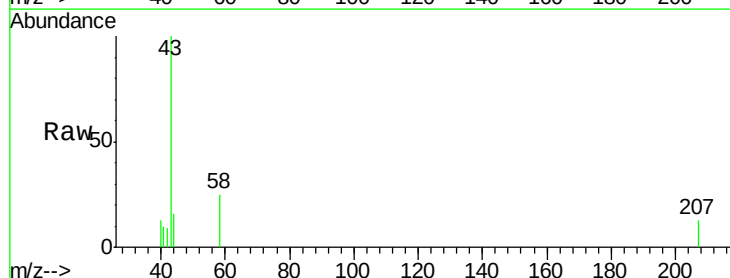
Acq: 04 Feb 2020 18:28

Tgt Ion: 43 Resp: 2403

Ion Ratio Lower Upper

43 100

58 25.2 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) (-)

3.98

800

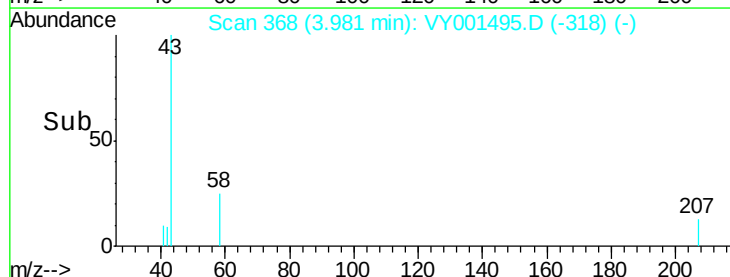
600

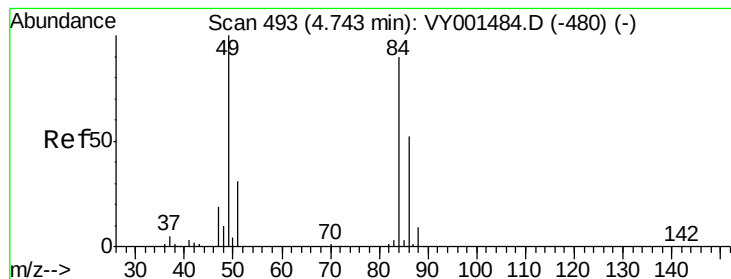
400

200

0

Time-->





#20

Methylene Chloride

Concen: 2.180 ug/l

RT: 4.74 min Scan# 493

Delta R.T. 0.00 min

Lab File: VY001495.D

Acq: 04 Feb 2020 18:28

Instrument :

MSVOA_Y

ClientSampled :

SB-4

Tot Ion: 84 Resp: 9542

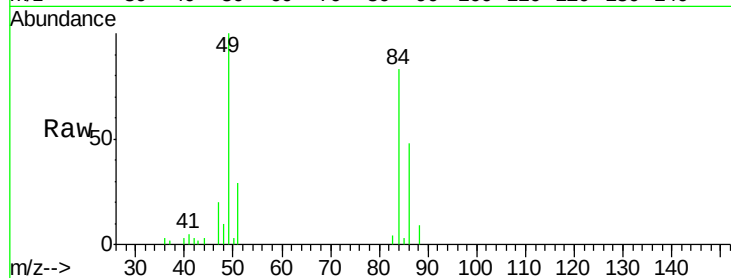
Ion Ratio Lower Upper

84 100

49 118.0 89.0 133.6

51 35.1 27.4 41.2

86 57.6 46.6 70.0

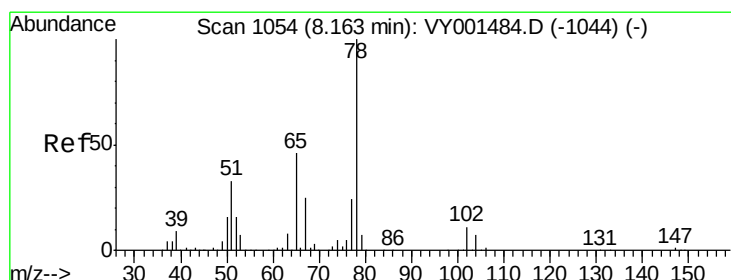
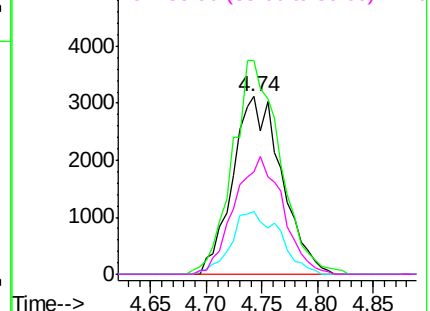
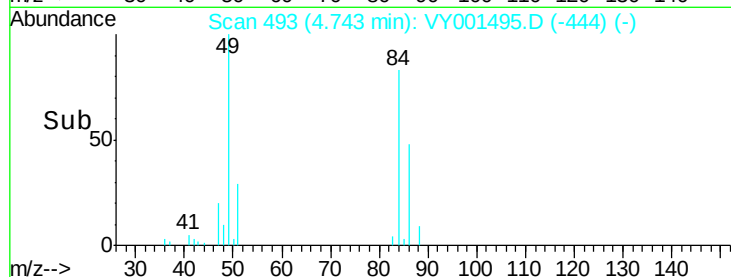


Abundance Ion 83.90 (83.60 to 84.60): VY0

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: 58.004 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. 0.00 min

Lab File: VY001495.D

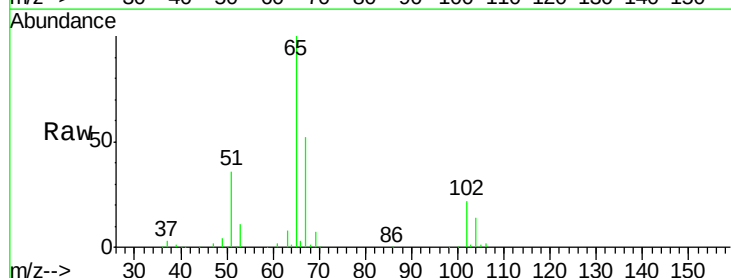
Acq: 04 Feb 2020 18:28

Tgt Ion: 65 Resp: 72931

Ion Ratio Lower Upper

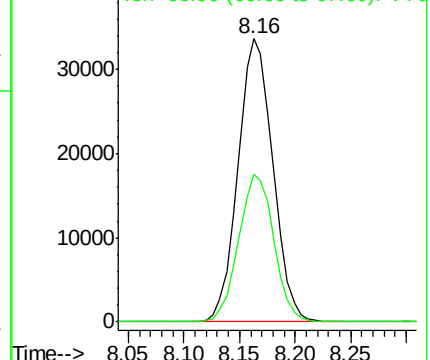
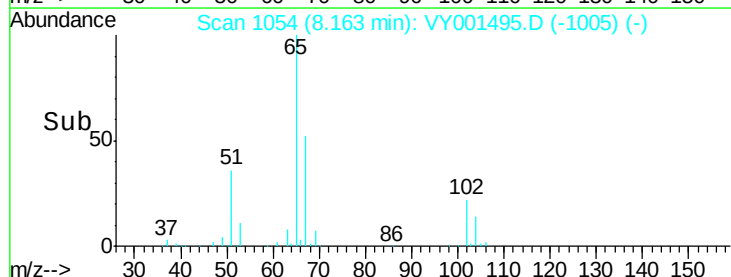
65 100

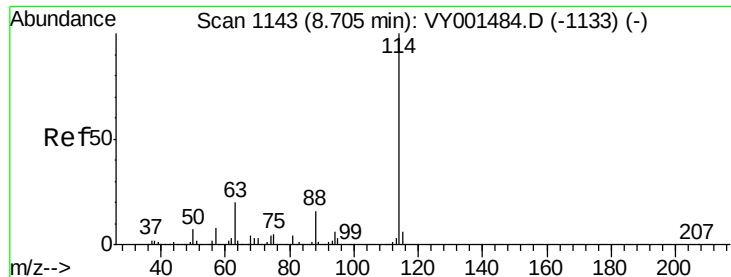
67 52.8 0.0 108.6



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# 1144

Delta R.T. 0.01 min

Lab File: VY001495.D

Acq: 04 Feb 2020 18:28

Instrument :

MSVOA_Y

ClientSampleId :

SB-4

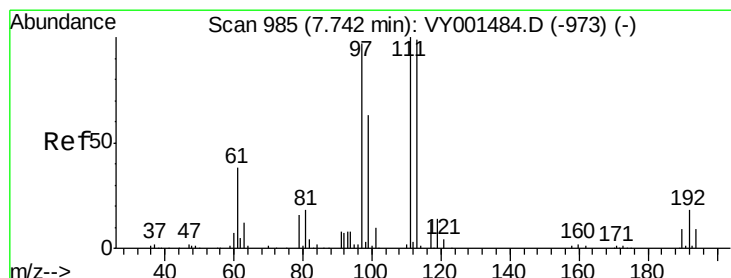
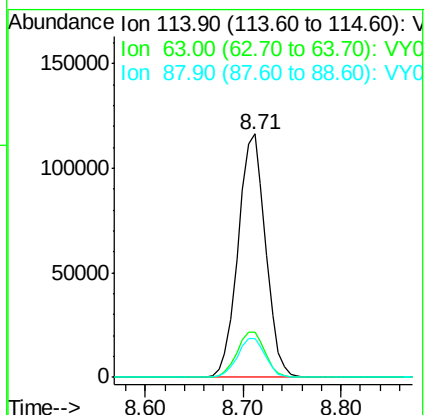
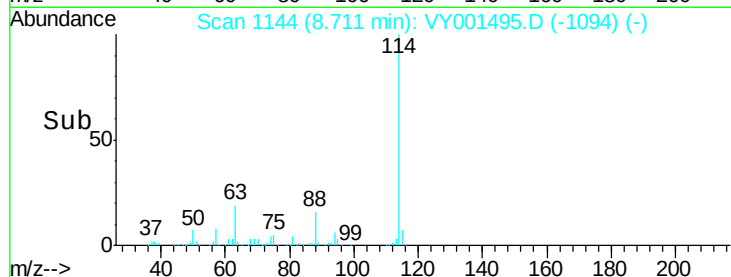
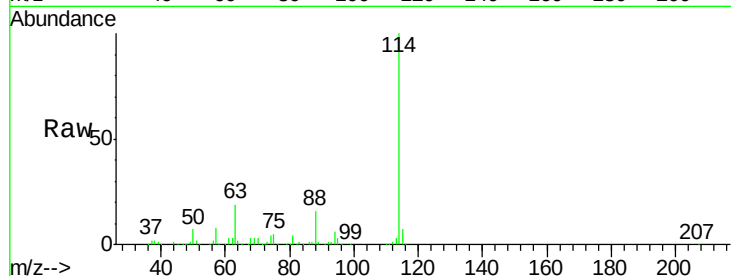
Tot Ion:114 Resp: 226281

Ion Ratio Lower Upper

114 100

63 18.6 0.0 39.8

88 15.7 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.192 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.00 min

Lab File: VY001495.D

Acq: 04 Feb 2020 18:28

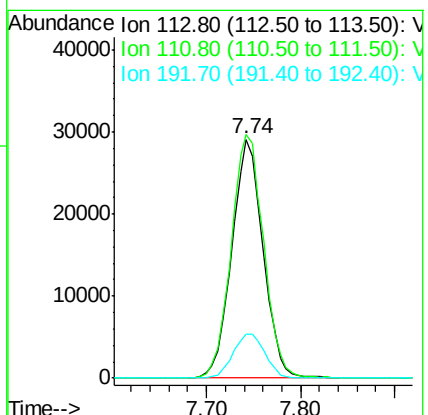
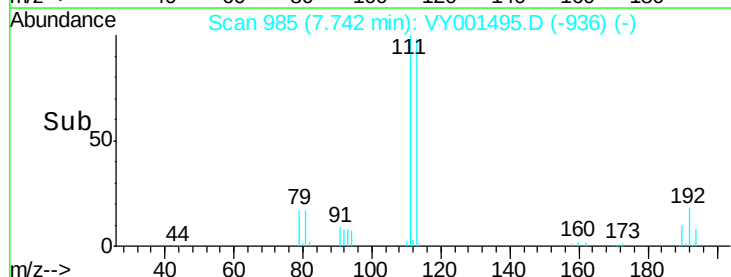
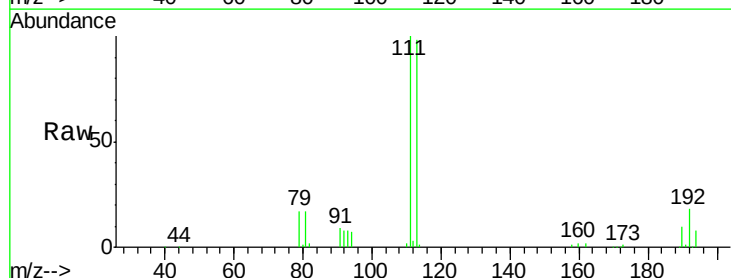
Tgt Ion:113 Resp: 66798

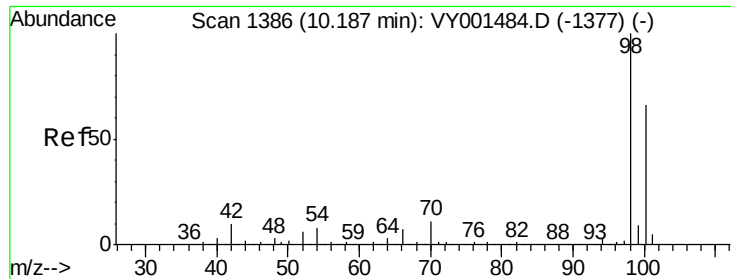
Ion Ratio Lower Upper

113 100

111 105.9 82.9 124.3

192 19.2 14.6 22.0





#50

Toluene-d8

Concen: 53.786 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY001495.D

Acq: 04 Feb 2020 18:28

Instrument :

MSVOA_Y

ClientSampleId :

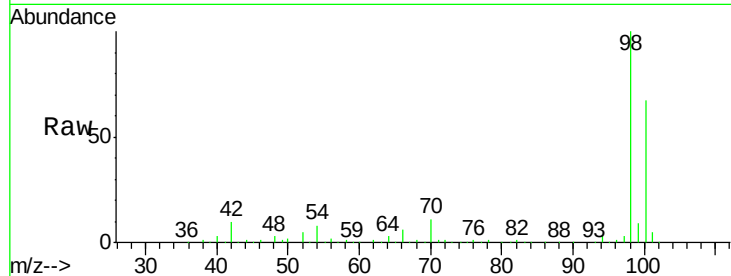
SB-4

Tot Ion: 98 Resp: 265532

Ion Ratio Lower Upper

98 100

100 65.2 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

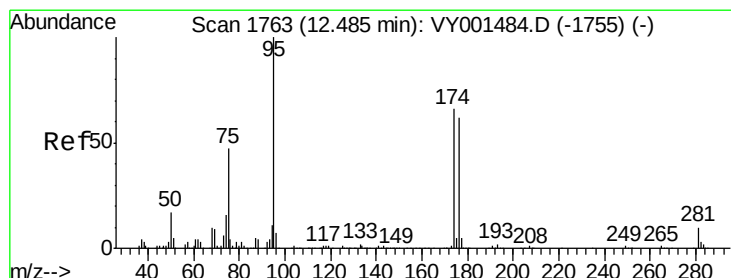
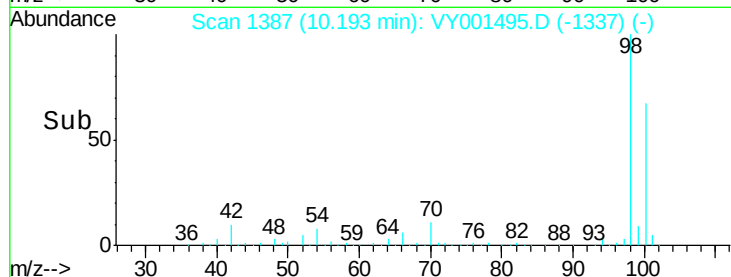
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 52.214 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY001495.D

Acq: 04 Feb 2020 18:28

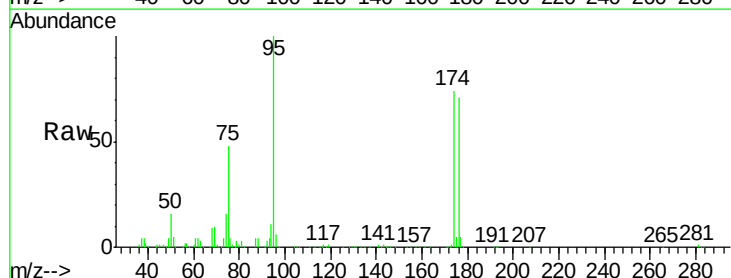
Tgt Ion: 95 Resp: 101548

Ion Ratio Lower Upper

95 100

174 72.2 0.0 141.4

176 69.9 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

80000

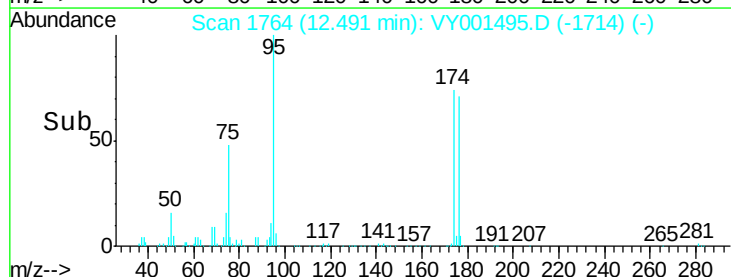
60000

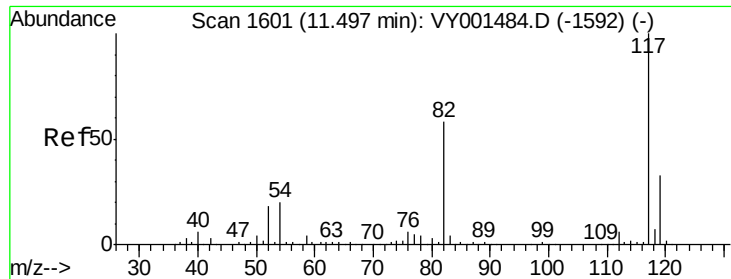
40000

20000

0

Time-->

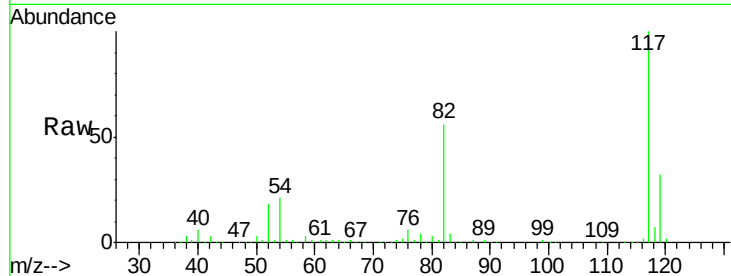




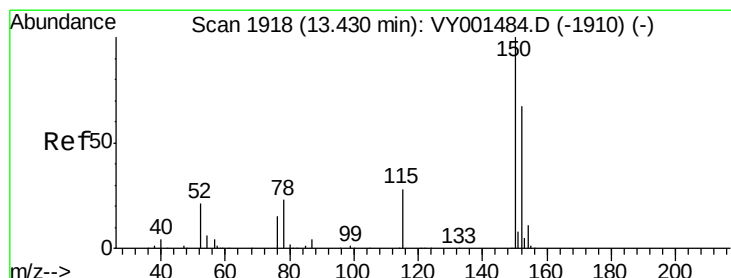
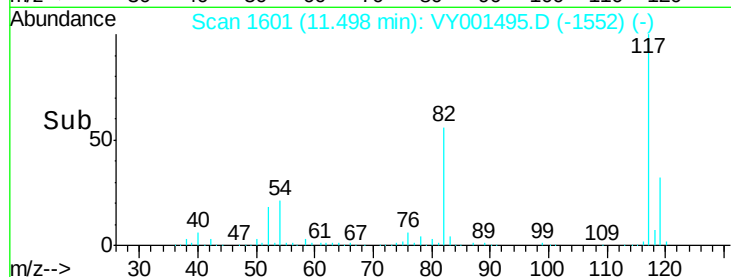
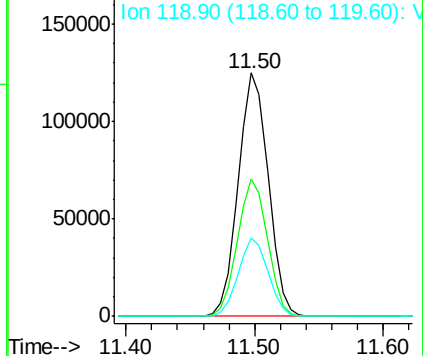
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY001495.D
Acq: 04 Feb 2020 18:28

Instrument :
MSVOA_Y
ClientSampleId :
SB-4

Tot Ion:117 Resp: 201249
Ion Ratio Lower Upper
117 100
82 56.4 46.1 69.1
119 32.1 26.1 39.1

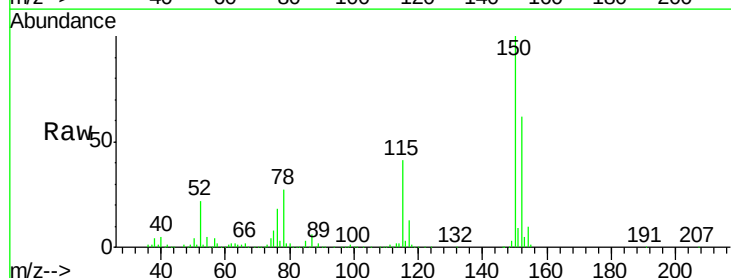


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

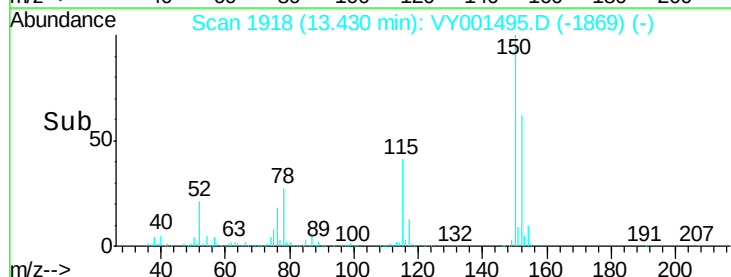
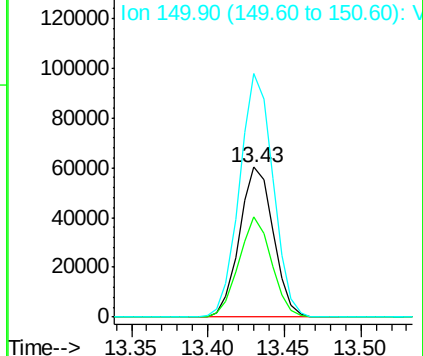


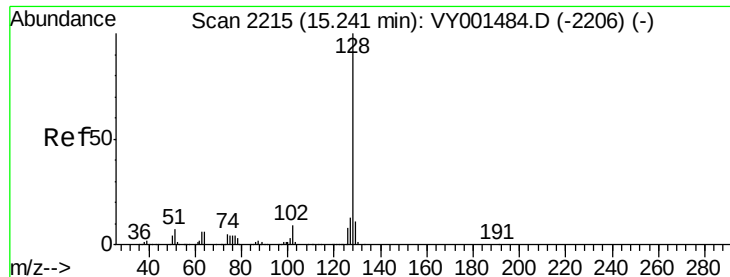
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VY001495.D
Acq: 04 Feb 2020 18:28

Tgt Ion:152 Resp: 92620
Ion Ratio Lower Upper
152 100
115 64.4 31.4 94.3
150 160.8 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

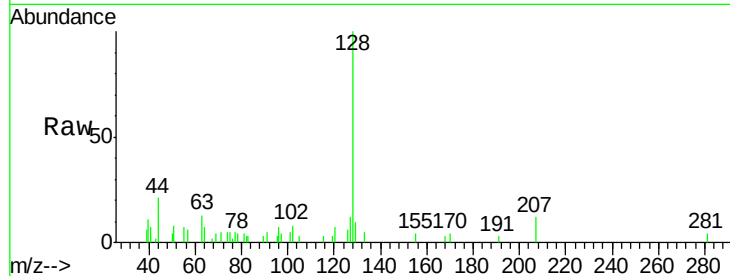




#95
 Naphthalene
 Concen: 1.039 ug/l
 RT: 15.25 min Scan# 2216
 Delta R.T. 0.01 min
 Lab File: VY001495.D
 Acq: 04 Feb 2020 18:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4

Tot Ion:128 Resp: 4368
 Ion Ratio Lower Upper
 128 100
 127 14.1 10.1 15.1
 129 13.8 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

