

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020720\
 Data File : VY001563.D
 Acq On : 07 Feb 2020 18:38
 Operator : SY/MD
 Sample : L1472-01
 Misc : 11.02G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1

Quant Time: Feb 08 03:44:05 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

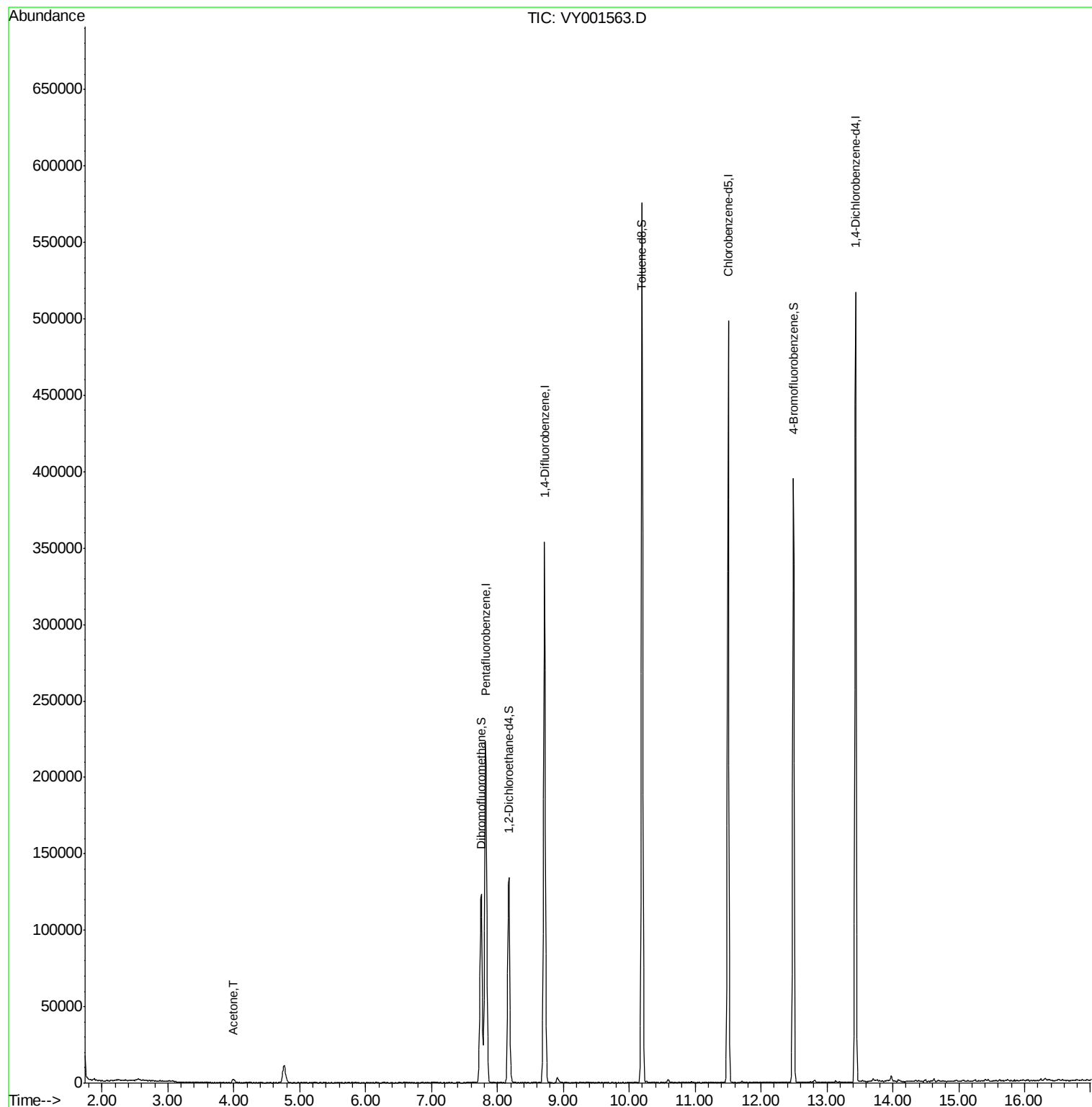
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	171855	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	301242	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	275535	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	125516	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	99640	57.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.16%	
35) Dibromofluoromethane	7.75	113	88239	50.80	ug/l	0.01
Spiked Amount 50.000			Recovery	=	101.60%	
50) Toluene-d8	10.19	98	361648	55.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.06%	
62) 4-Bromofluorobenzene	12.49	95	127767	49.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.70%	
Target Compounds						
16) Acetone	3.99	43	4092	8.176	ug/l	Qvalue 97

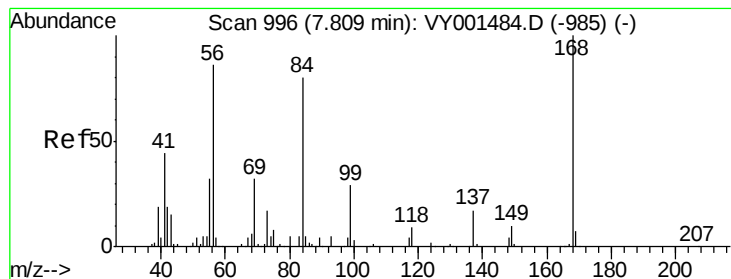
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001563.D

Acq: 07 Feb 2020 18:38

Instrument :

MSVOA_Y

ClientSampleId :

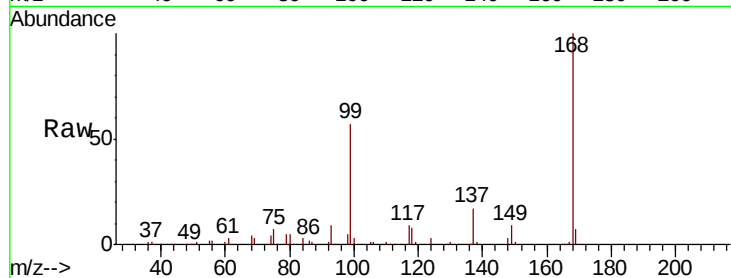
TP-1

Tot Ion:168 Resp: 171855

Ion Ratio Lower Upper

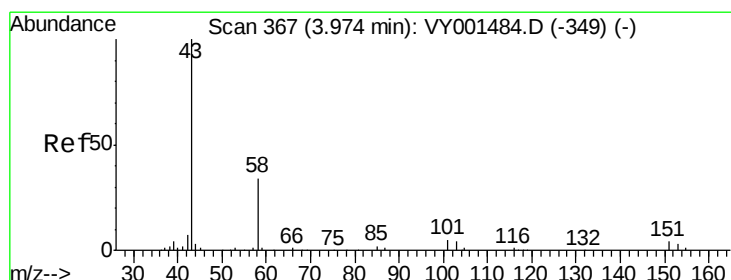
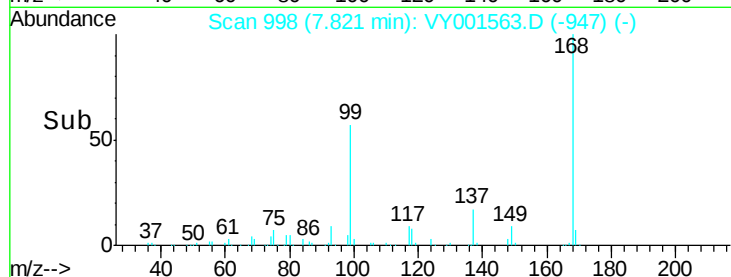
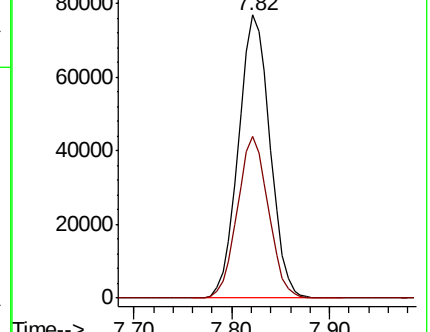
168 100

99 57.2 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: 8.176 ug/l

RT: 3.99 min Scan# 370

Delta R.T. 0.02 min

Lab File: VY001563.D

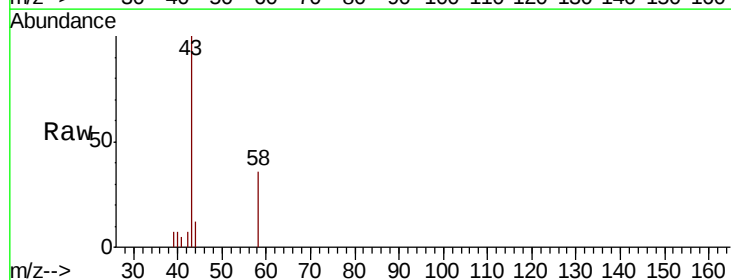
Acq: 07 Feb 2020 18:38

Tgt Ion: 43 Resp: 4092

Ion Ratio Lower Upper

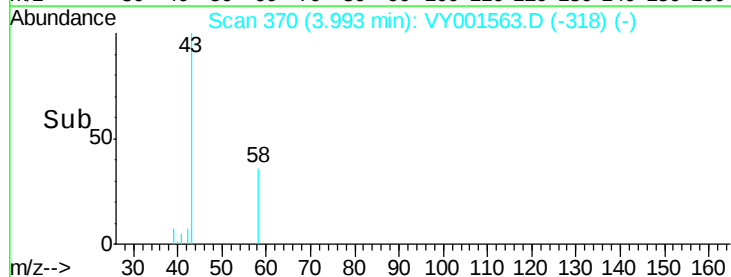
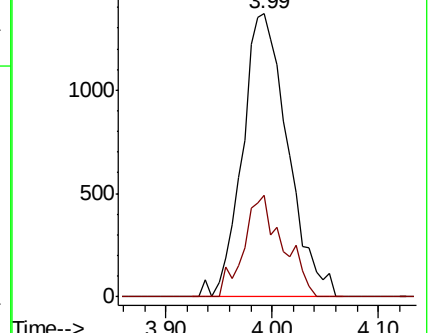
43 100

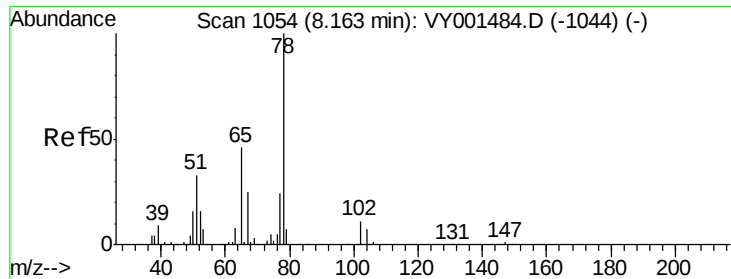
58 35.9 27.5 41.3



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

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





#33

1,2-Dichloroethane-d4

Concen: 57.584 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VY001563.D

Acq: 07 Feb 2020 18:38

Instrument :

MSVOA_Y

ClientSampled :

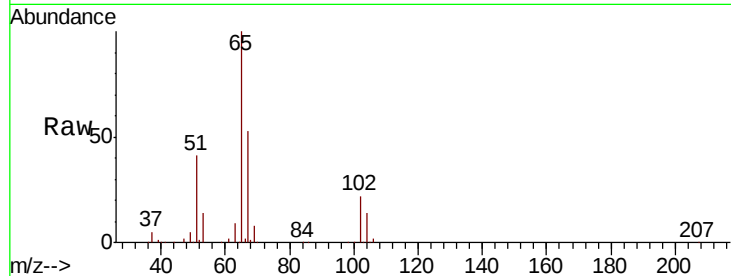
TP-1

Tot Ion: 65 Resp: 99640

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

8.17

50000

40000

30000

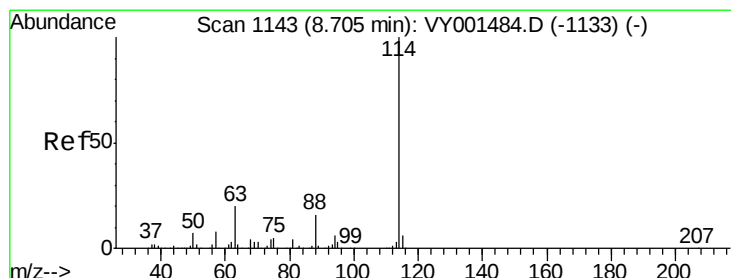
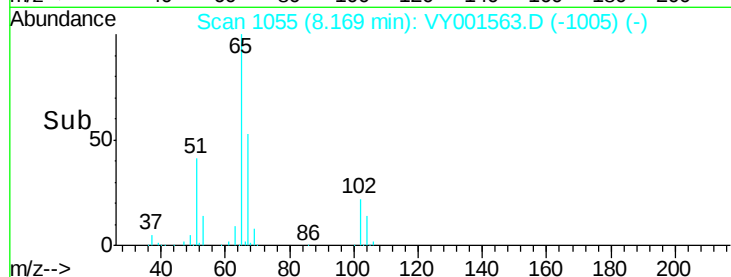
20000

10000

0

8.10 8.20 8.30

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.01 min

Lab File: VY001563.D

Acq: 07 Feb 2020 18:38

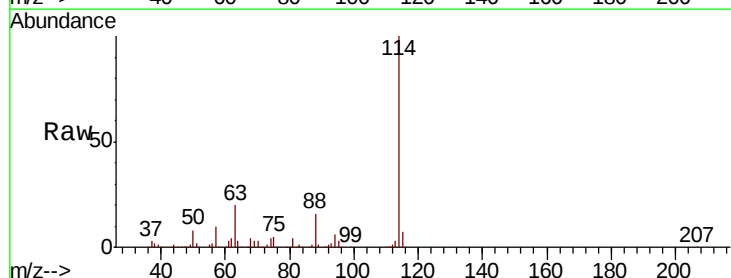
Tgt Ion: 114 Resp: 301242

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.8

88 16.0 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

8.71

200000

150000

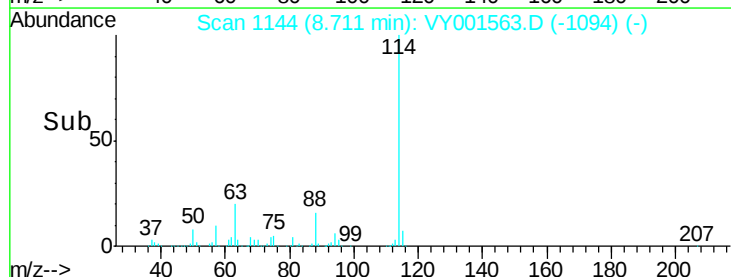
100000

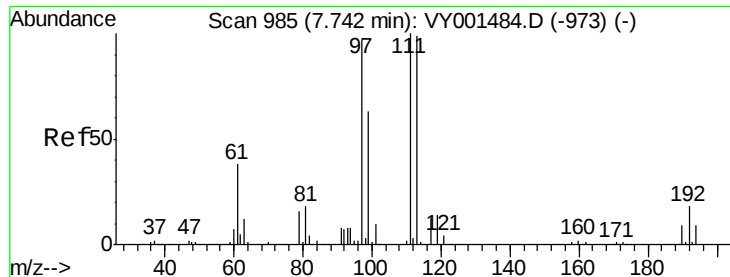
50000

0

8.60 8.65 8.70 8.75 8.80

Time-->

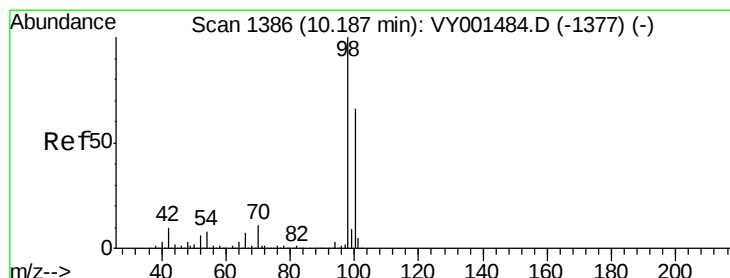
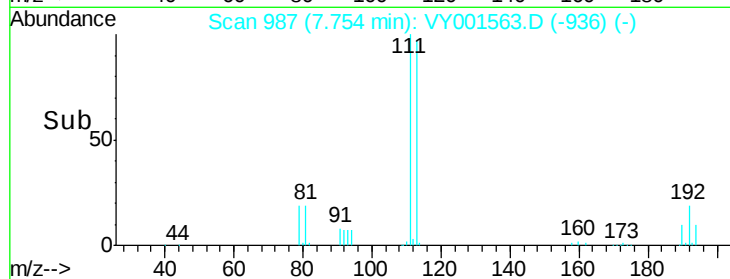
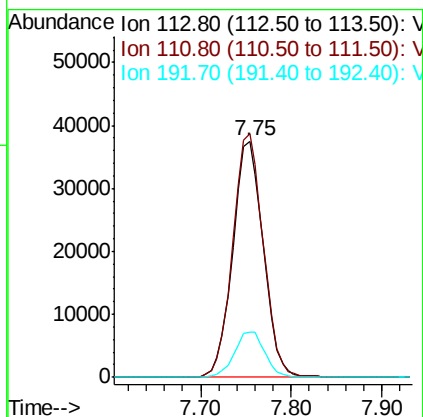
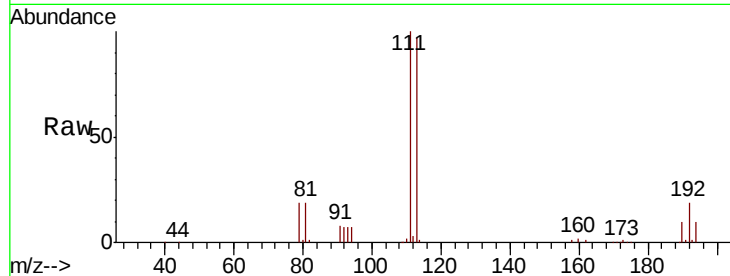




#35
 Dibromofluoromethane
 Concen: 50.797 ug/l
 RT: 7.75 min Scan# 987
 Delta R.T. 0.01 min
 Lab File: VY001563.D
 Acq: 07 Feb 2020 18:38

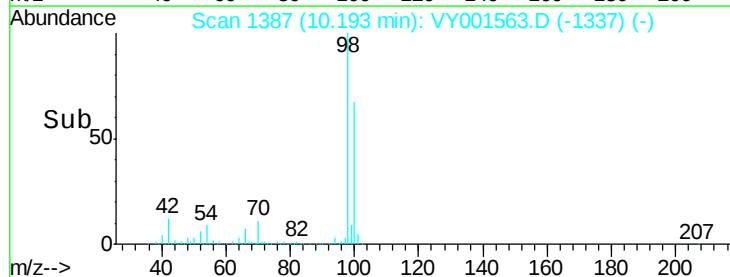
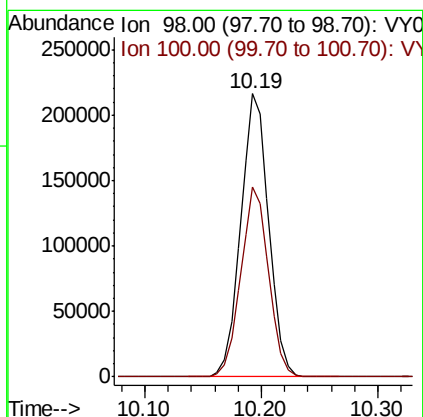
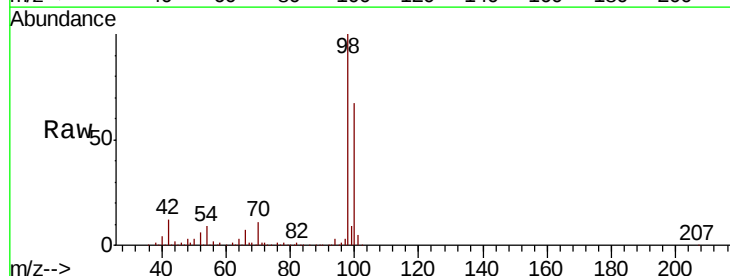
Instrument :
 MSVOA_Y
 ClientSampled :
 TP-1

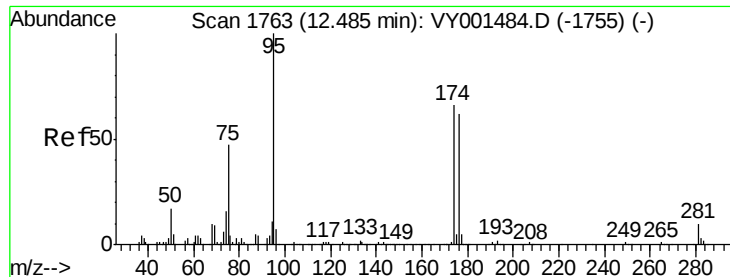
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.9	124.3
192	19.1	14.6	22.0



#50
 Toluene-d8
 Concen: 55.027 ug/l
 RT: 10.19 min Scan# 1387
 Delta R.T. 0.01 min
 Lab File: VY001563.D
 Acq: 07 Feb 2020 18:38

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.0	79.6

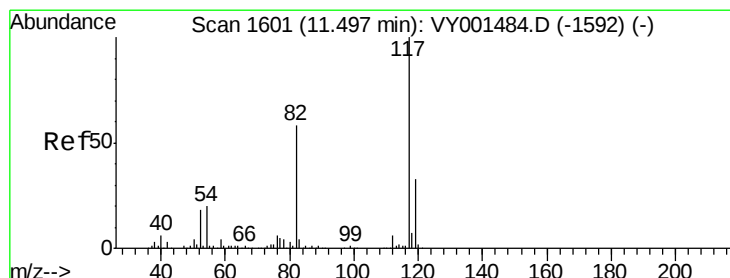
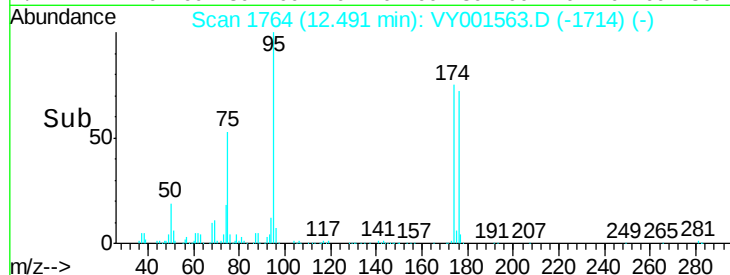
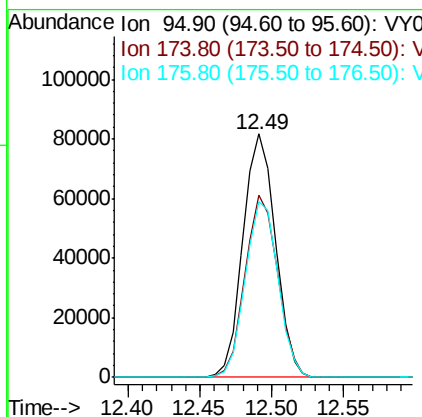
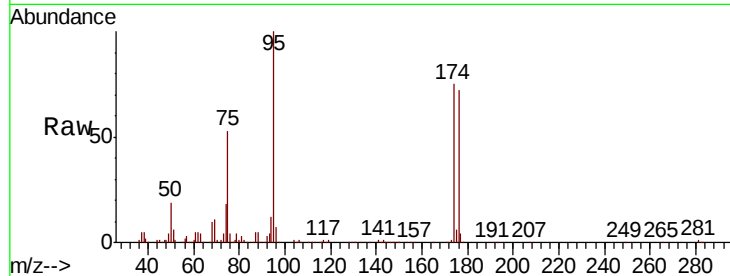




#62
4-Bromofluorobenzene
Concen: 49.348 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VY001563.D
Acq: 07 Feb 2020 18:38

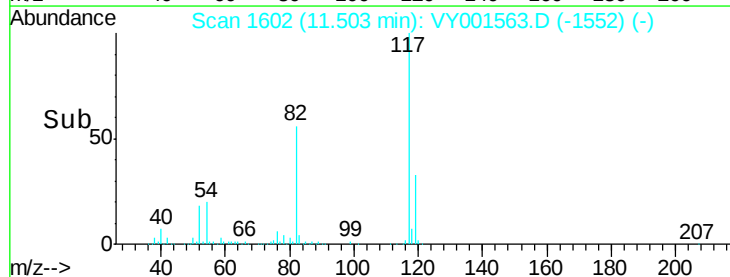
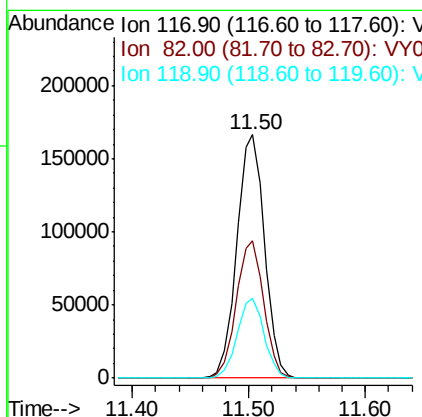
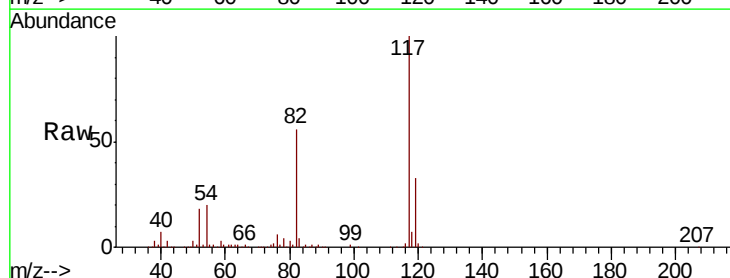
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

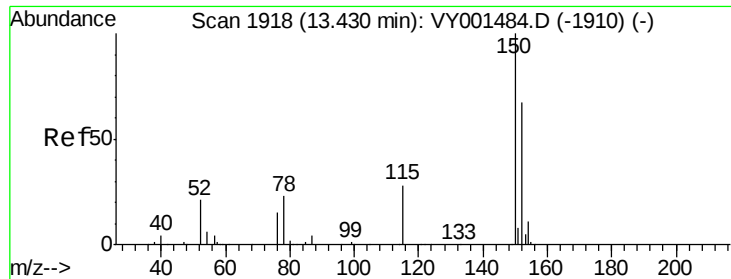
Tot Ion: 95 Resp: 127767
Ion Ratio Lower Upper
95 100
174 74.7 0.0 141.4
176 72.5 0.0 135.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001563.D
Acq: 07 Feb 2020 18:38

Tgt Ion: 117 Resp: 275535
Ion Ratio Lower Upper
117 100
82 56.3 46.1 69.1
119 32.6 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY001563.D

Acq: 07 Feb 2020 18:38

Instrument :

MSVOA_Y

ClientSampleId :

TP-1

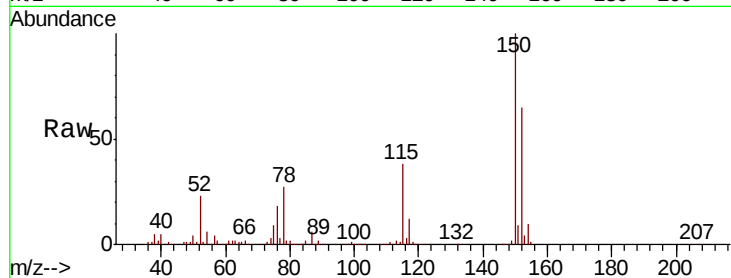
Tot Ion:152 Resp: 125516

Ion Ratio Lower Upper

152 100

115 60.1 31.4 94.3

150 157.0 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

