

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040820\
 Data File : VY002260.D
 Acq On : 08 Apr 2020 19:09
 Operator : SY/MD
 Sample : L2199-08
 Misc : 6.77G/5ML/MSVOA Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-37-36

Quant Time: Apr 09 03:02:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

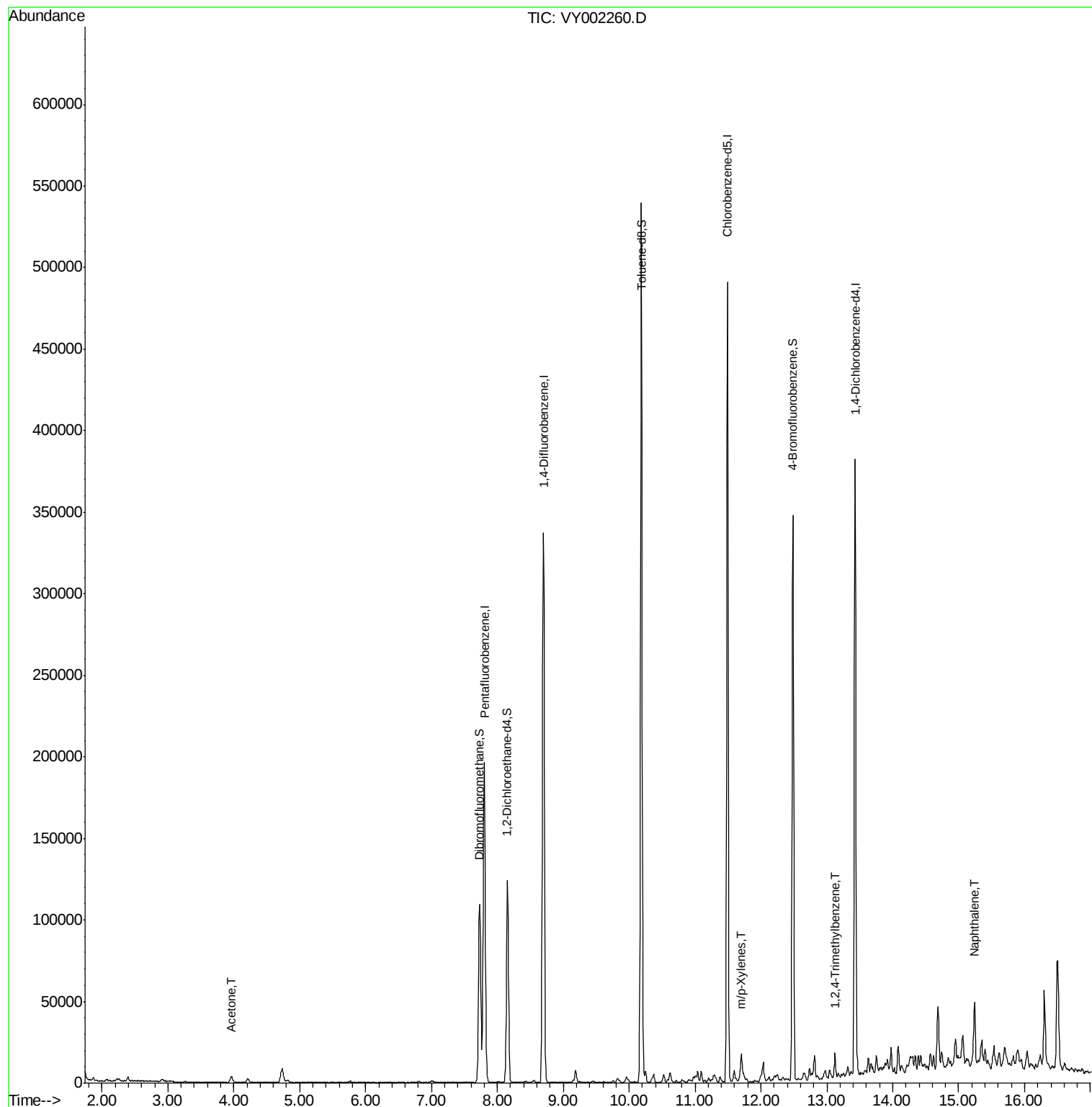
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	146613	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	294192	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	261133	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	91748	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	90803	55.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.38%	
35) Dibromofluoromethane	7.73	113	78996	45.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.26%	
50) Toluene-d8	10.19	98	353845	48.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.58%	
62) 4-Bromofluorobenzene	12.49	95	111849	46.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.54%	
Target Compounds						
16) Acetone	3.96	43	6510	15.160	ug/l	92
68) m/p-Xylenes	11.70	106	4855	1.304	ug/l	97
84) 1,2,4-Trimethylbenzene	13.13	105	7804	1.311	ug/l	96
95) Naphthalene	15.24	128	30200	7.556	ug/l	97

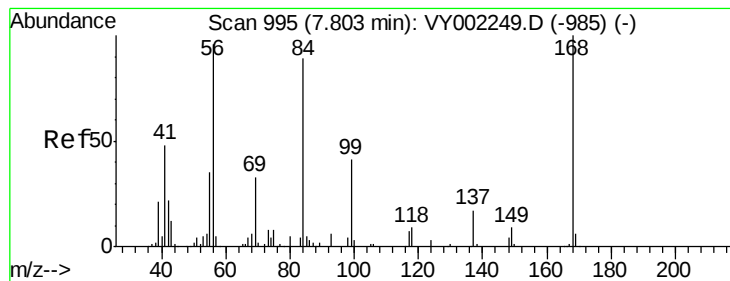
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY002260.D

Acq: 08 Apr 2020 19:09

Instrument :

MSVOA_Y

ClientSampled :

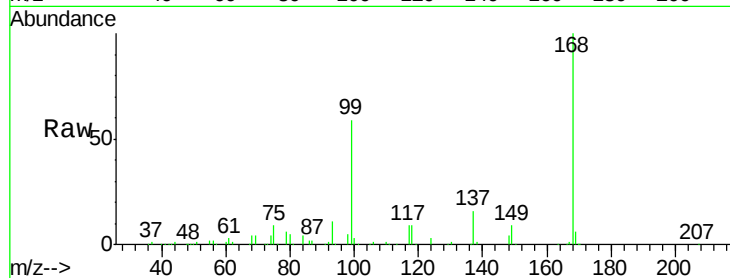
TP-37-36

Tot Ion:168 Resp: 146613

Ion Ratio Lower Upper

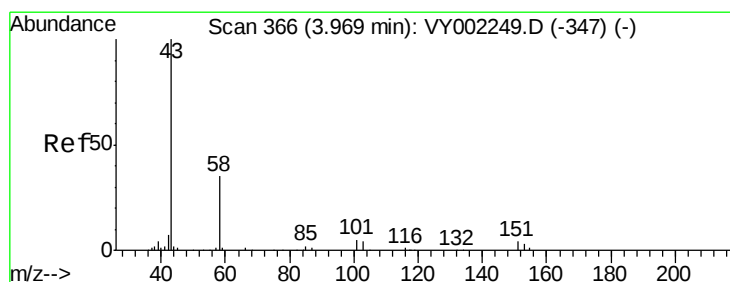
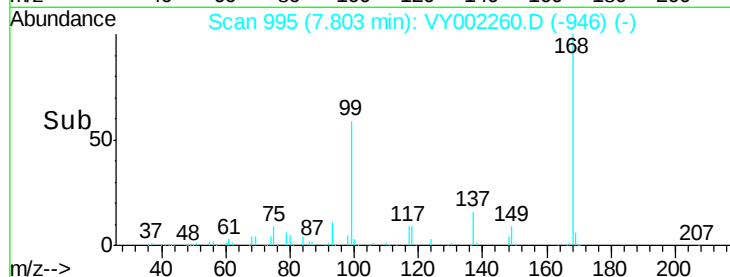
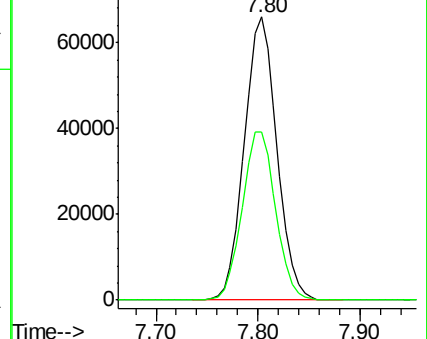
168 100

99 59.5 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VY002249.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002249.D (-985) (-)



#16

Acetone

Concen: 15.160 ug/l

RT: 3.96 min Scan# 365

Delta R.T. -0.01 min

Lab File: VY002260.D

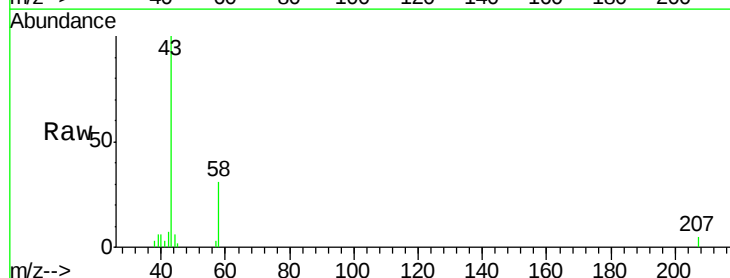
Acq: 08 Apr 2020 19:09

Tgt Ion: 43 Resp: 6510

Ion Ratio Lower Upper

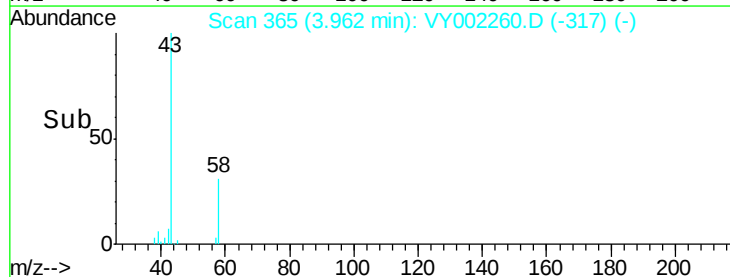
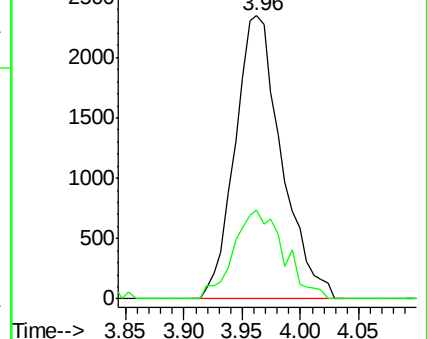
43 100

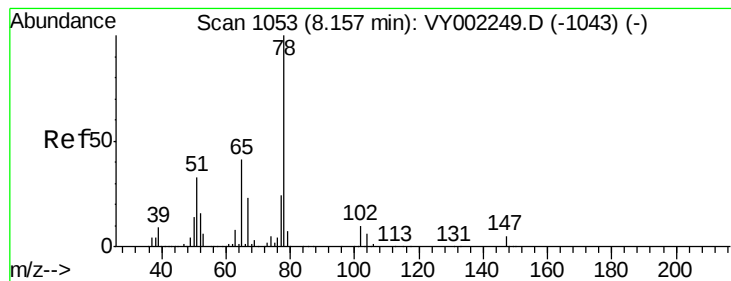
58 31.2 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VY002249.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY002249.D (-347) (-)





#33

1,2-Dichloroethane-d4

Concen: 55.692 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY002260.D

Acq: 08 Apr 2020 19:09

Instrument :

MSVOA_Y

ClientSampleId :

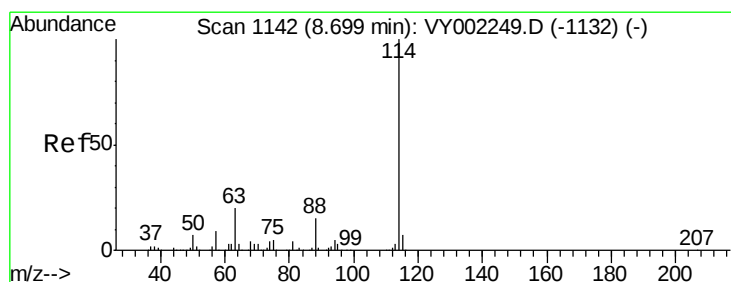
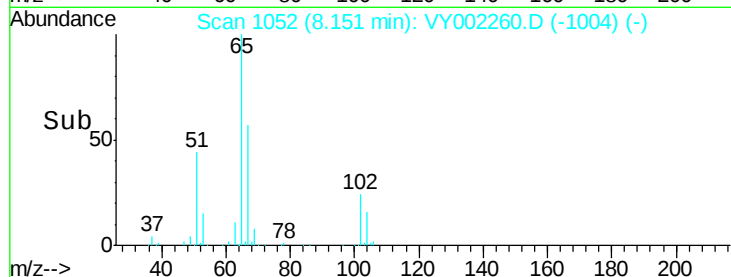
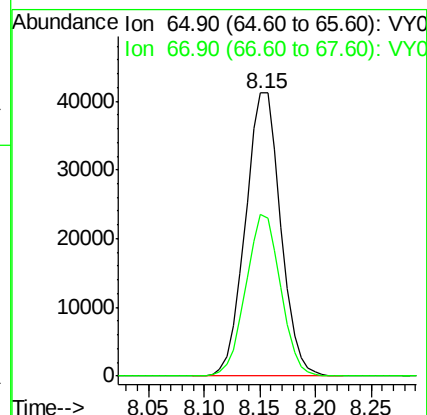
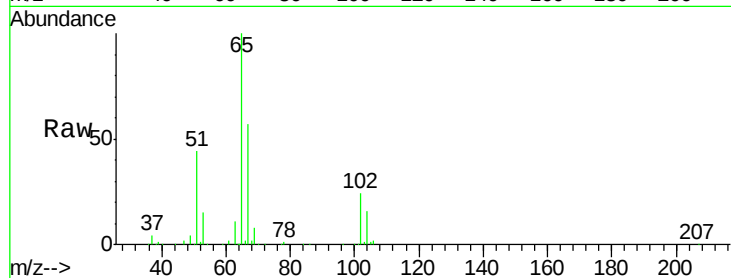
TP-37-36

Tot Ion: 65 Resp: 90803

Ion Ratio Lower Upper

65 100

67 56.6 0.0 114.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VY002260.D

Acq: 08 Apr 2020 19:09

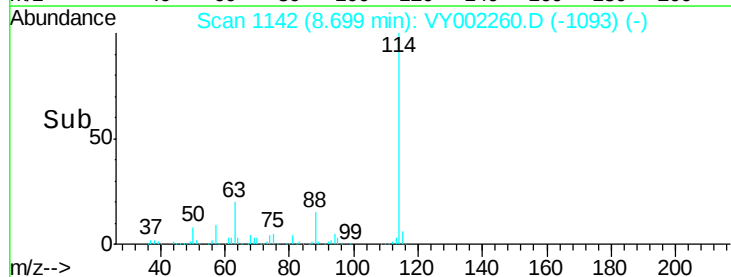
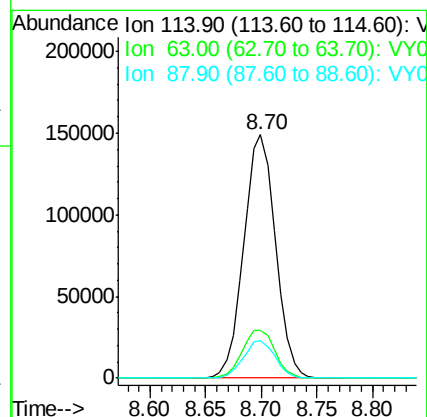
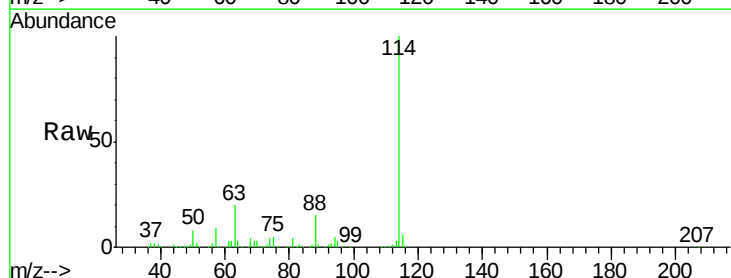
Tgt Ion: 114 Resp: 294192

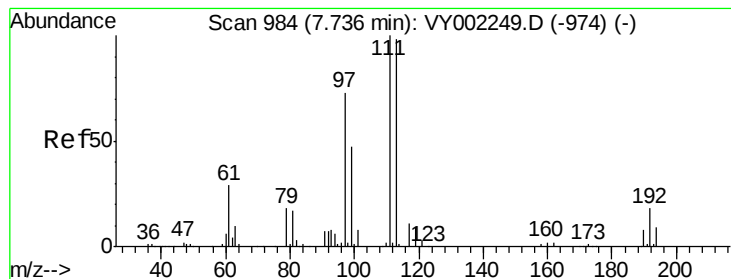
Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.0

88 15.4 0.0 31.0





#35

Dibromofluoromethane

Concen: 45.127 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY002260.D

Acq: 08 Apr 2020 19:09

Instrument :

MSVOA_Y

ClientSampleId :

TP-37-36

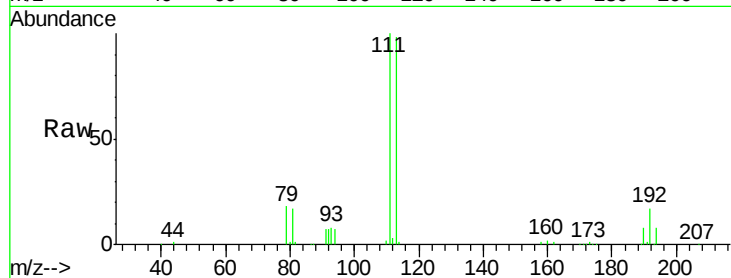
Tot Ion:113 Resp: 78996

Ion Ratio Lower Upper

113 100

111 104.6 83.5 125.3

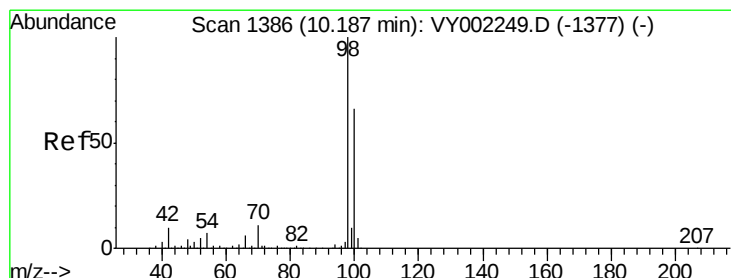
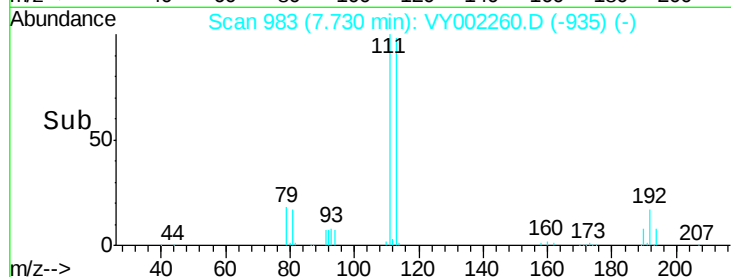
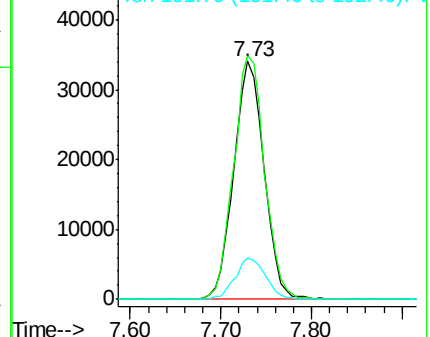
192 17.5 14.7 22.1



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: 48.293 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY002260.D

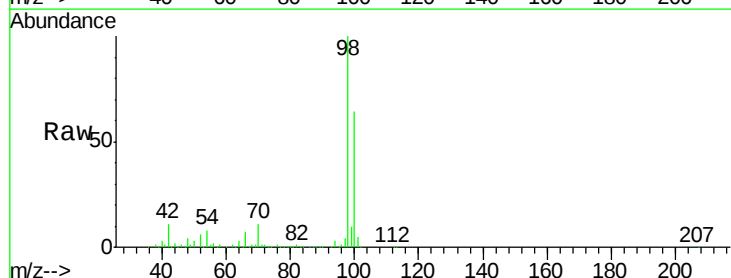
Acq: 08 Apr 2020 19:09

Tgt Ion: 98 Resp: 353845

Ion Ratio Lower Upper

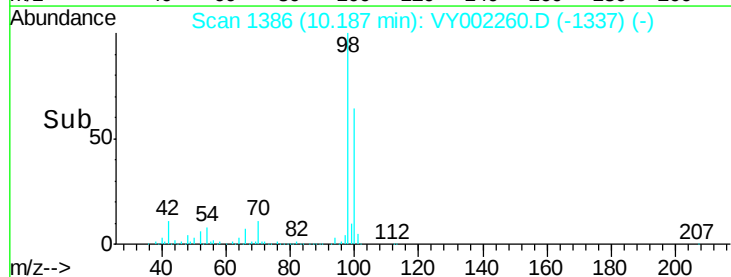
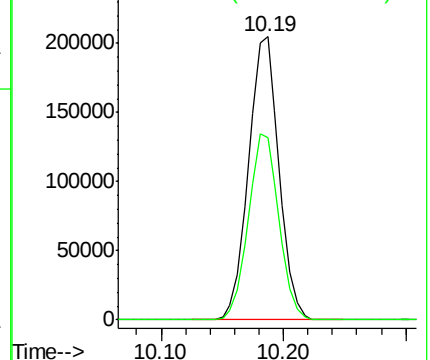
98 100

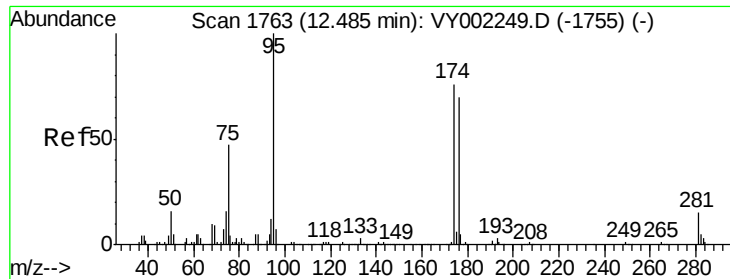
100 65.7 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

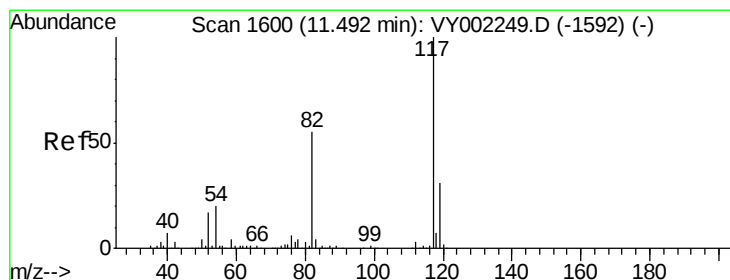
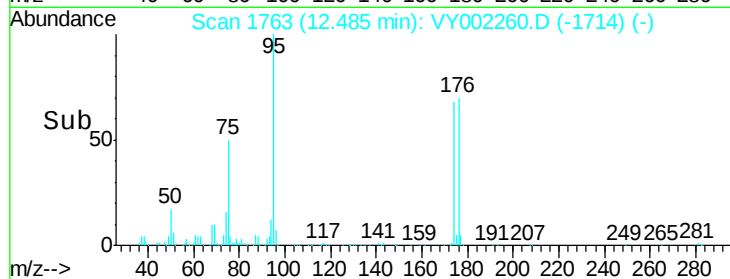
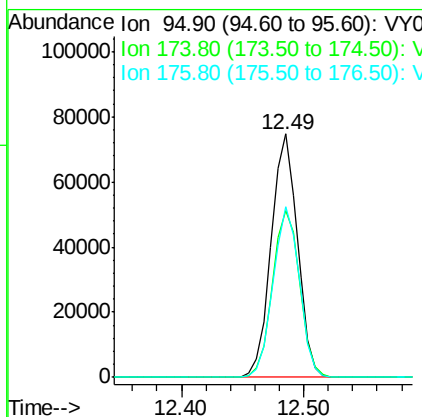
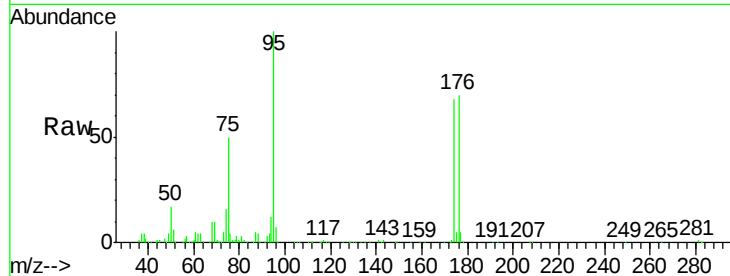




#62
4-Bromofluorobenzene
Concen: 46.270 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VY002260.D
Acq: 08 Apr 2020 19:09

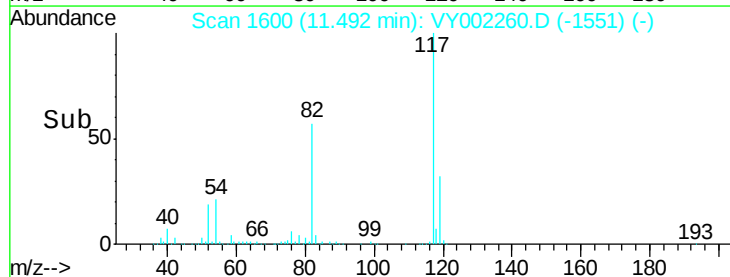
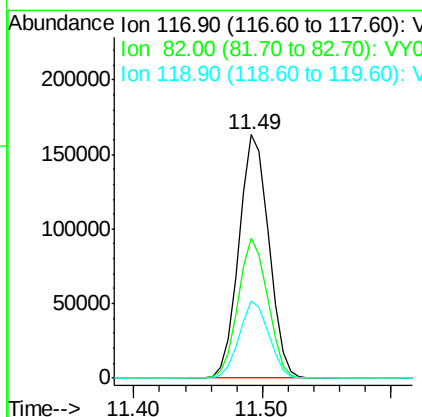
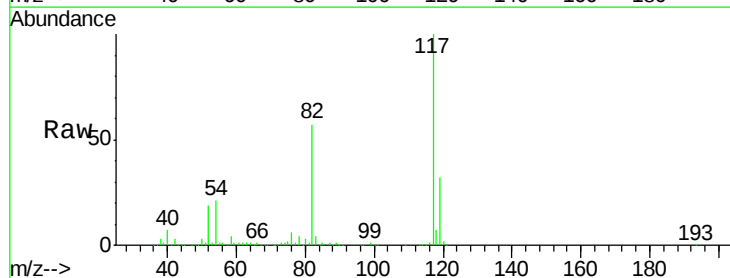
Instrument :
MSVOA_Y
ClientSampleId :
TP-37-36

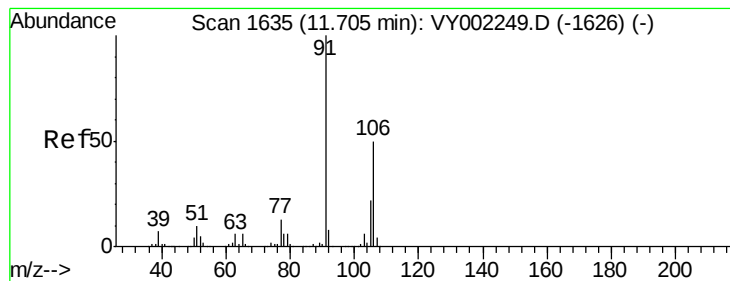
Tot Ion	95	Resp	111849
Ion Ratio	Lower	Upper	
95	100		
174	70.7	0.0	150.6
176	69.6	0.0	141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY002260.D
Acq: 08 Apr 2020 19:09

Tgt Ion	117	Resp	261133
Ion Ratio	Lower	Upper	
117	100		
82	57.4	44.2	66.4
119	31.8	25.1	37.7





#68

m/p-Xvlenes

Concen: 1.304 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VY002260.D

Acq: 08 Apr 2020 19:09

Instrument :

MSVOA_Y

ClientSampleId :

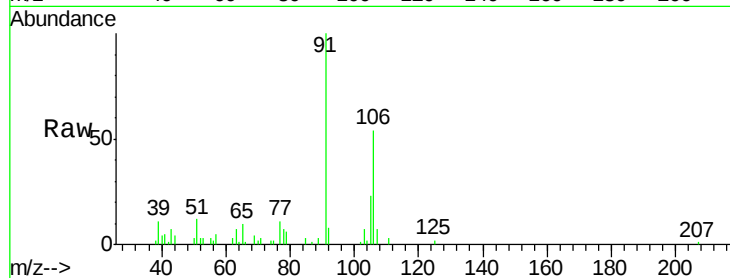
TP-37-36

Tot Ion:106 Resp: 4855

Ion Ratio Lower Upper

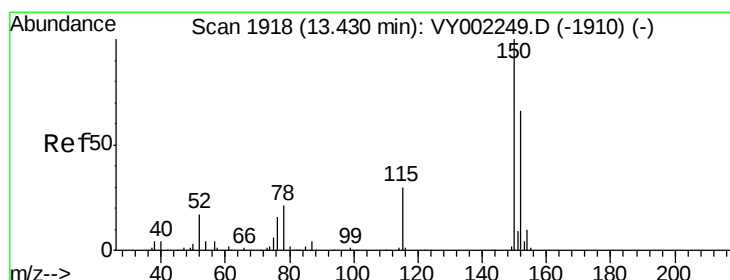
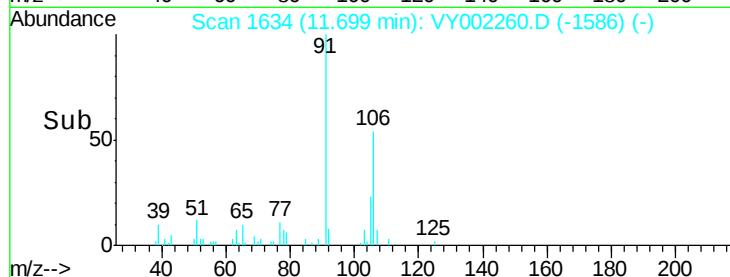
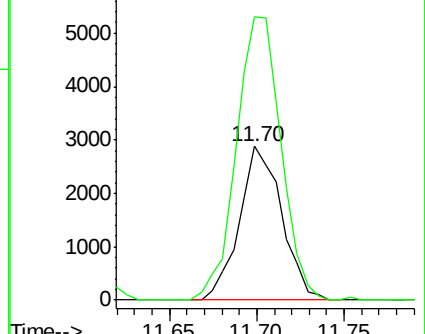
106 100

91 194.5 159.8 239.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.00 min

Lab File: VY002260.D

Acq: 08 Apr 2020 19:09

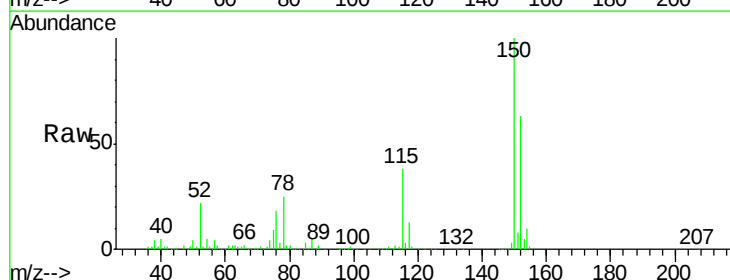
Tgt Ion:152 Resp: 91748

Ion Ratio Lower Upper

152 100

115 61.5 30.7 92.1

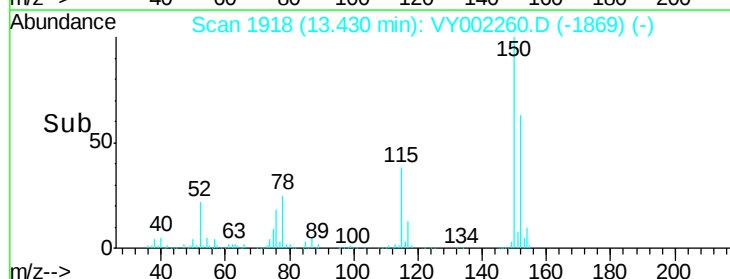
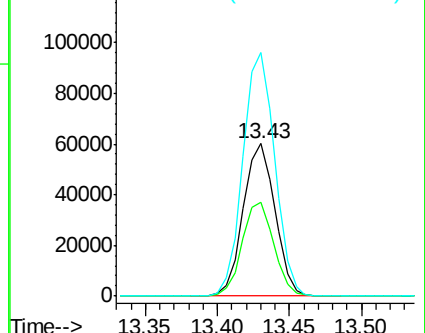
150 160.5 0.0 350.6

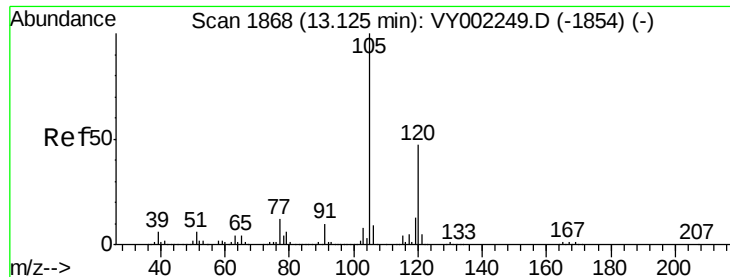


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

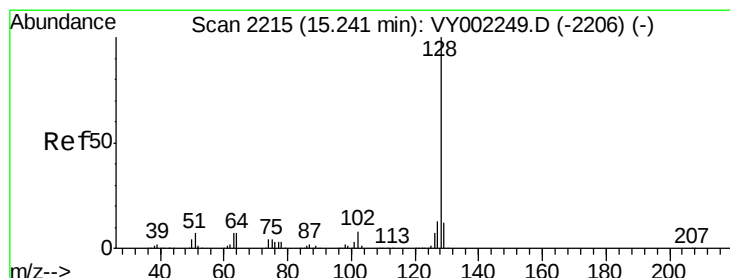
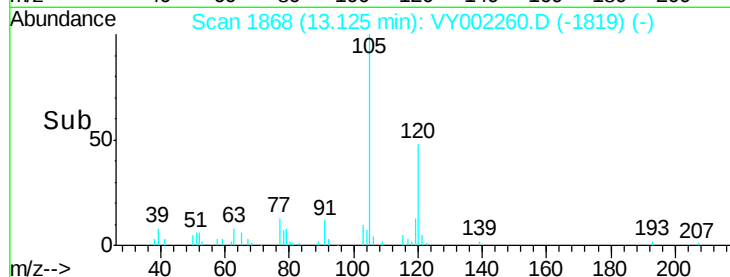
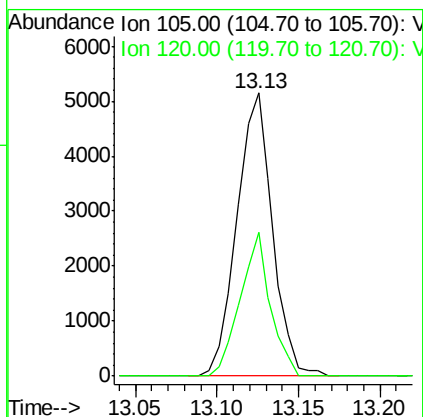
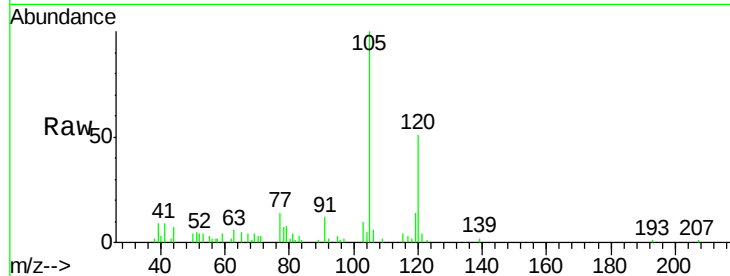




#84
 1,2,4-Trimethylbenzene
 Concen: 1.311 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VY002260.D
 Acq: 08 Apr 2020 19:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-37-36

Tot Ion:105 Resp: 7804
 Ion Ratio Lower Upper
 105 100
 120 43.2 23.1 69.2



#95
 Naphthalene
 Concen: 7.556 ug/l
 RT: 15.24 min Scan# 2215
 Delta R.T. -0.00 min
 Lab File: VY002260.D
 Acq: 08 Apr 2020 19:09

Tgt Ion:128 Resp: 30200
 Ion Ratio Lower Upper
 128 100
 127 13.7 10.1 15.1
 129 11.9 8.7 13.1

