

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041320\
 Data File : VY002292.D
 Acq On : 13 Apr 2020 19:45
 Operator : SY/MD
 Sample : L2229-39
 Misc : 5.45G/5ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-10

Quant Time: Apr 14 09:32:08 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

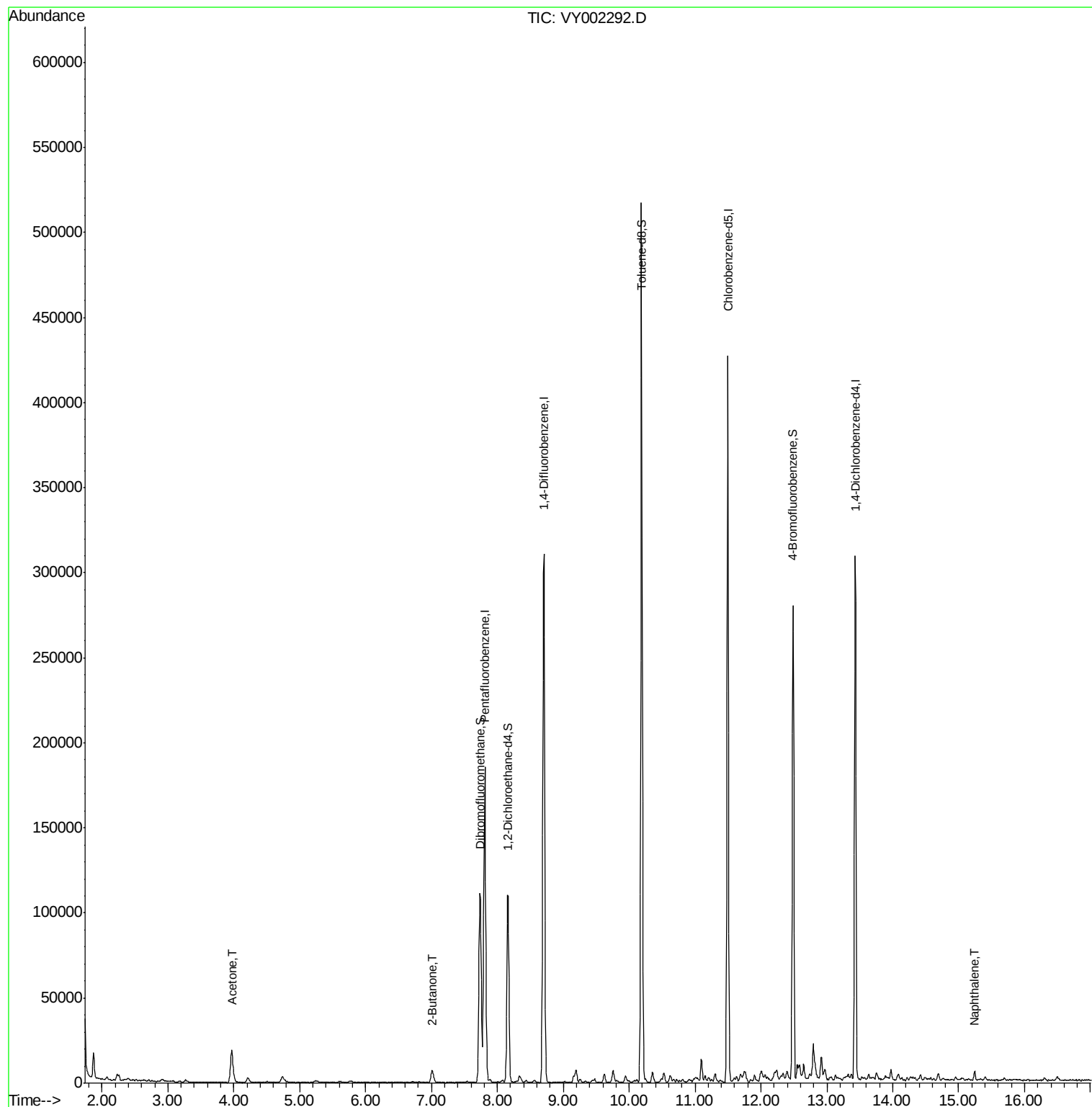
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	139663	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	276823	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	231036	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	77261	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	79316	51.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.14%	
35) Dibromofluoromethane	7.74	113	82656	50.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.36%	
50) Toluene-d8	10.19	98	333526	48.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.76%	
62) 4-Bromofluorobenzene	12.49	95	92845	40.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.64%	
Target Compounds						
16) Acetone	3.97	43	32849	80.301	ug/l	98
25) 2-Butanone	7.01	43	9855	15.223	ug/l	93
95) Naphthalene	15.24	128	4084	1.213	ug/l #	93

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY002292.D

Acq: 13 Apr 2020 19:45

Instrument :

MSVOA_Y

ClientSampled :

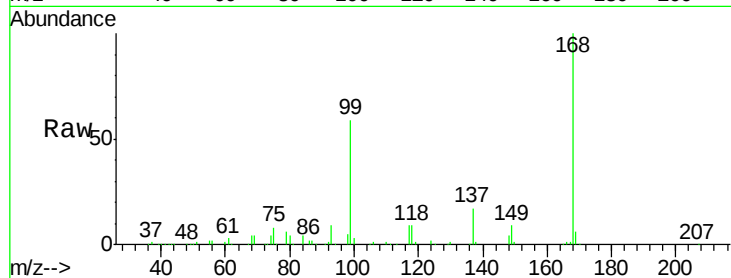
TP-10

Tot Ion:168 Resp: 139663

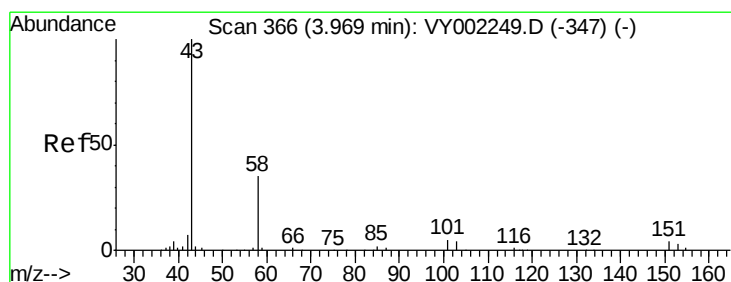
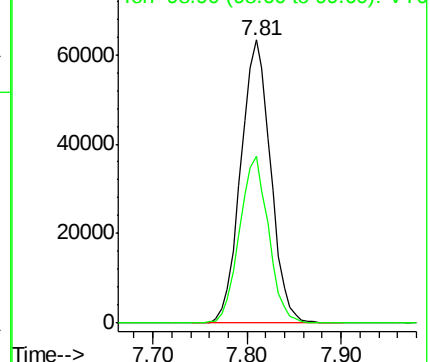
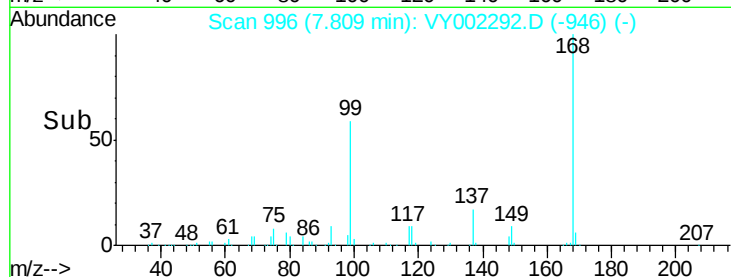
Ion Ratio Lower Upper

168 100

99 58.8 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VY002292.D (-946) (-)



#16

Acetone

Concen: 80.301 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.00 min

Lab File: VY002292.D

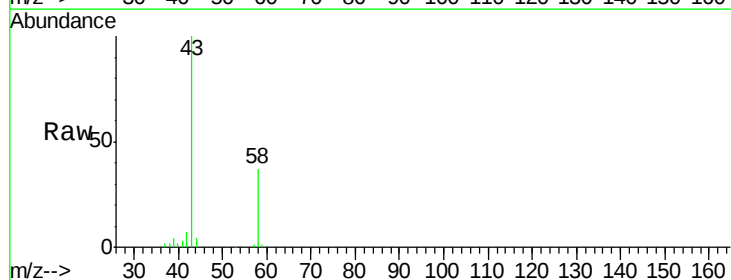
Acq: 13 Apr 2020 19:45

Tgt Ion: 43 Resp: 32849

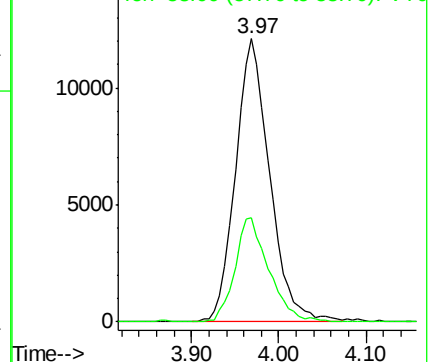
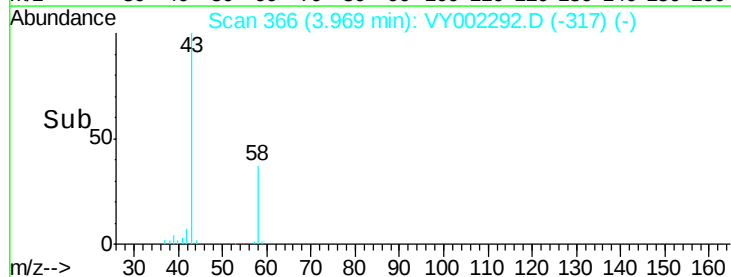
Ion Ratio Lower Upper

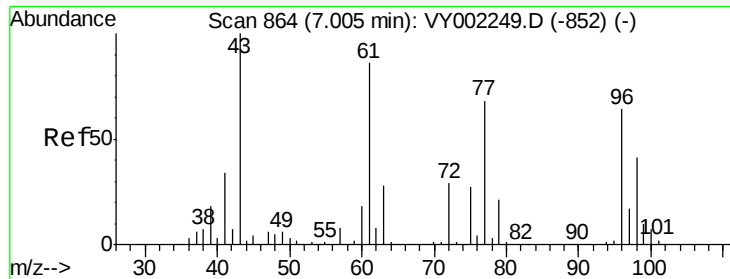
43 100

58 36.6 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VY002292.D (-317) (-)

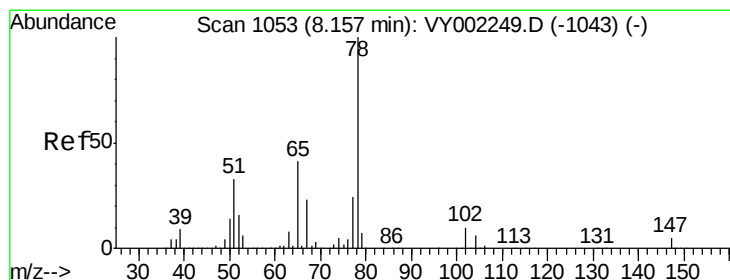
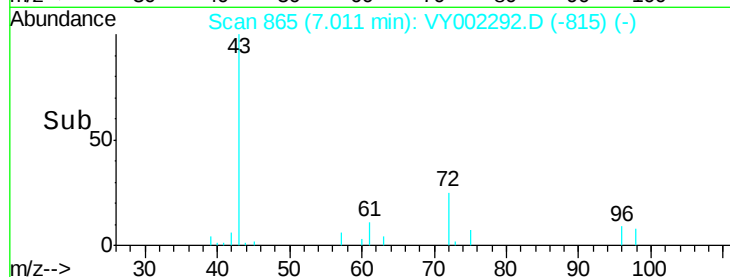
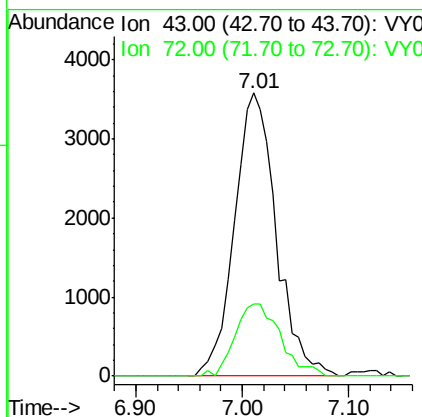
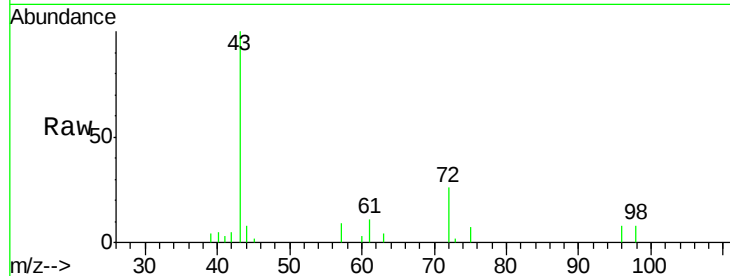




#25
 2-Butanone
 Concen: 15.223 ug/l
 RT: 7.01 min Scan# 865
 Delta R.T. 0.01 min
 Lab File: VY002292.D
 Acq: 13 Apr 2020 19:45

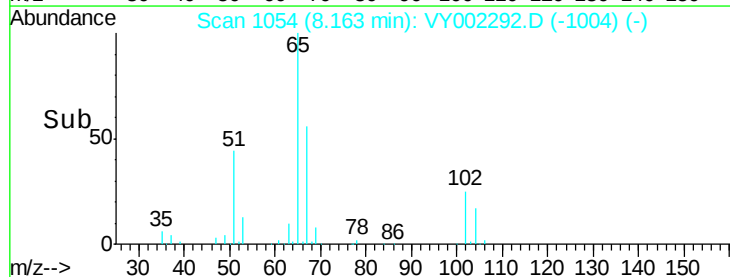
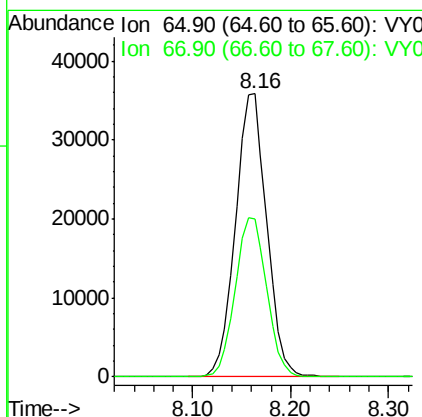
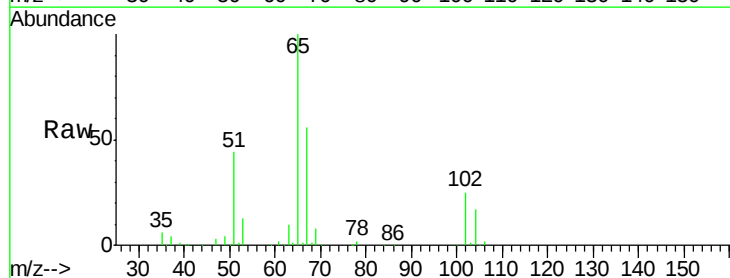
Instrument :
 MSVOA_Y
 ClientSampled :
 TP-10

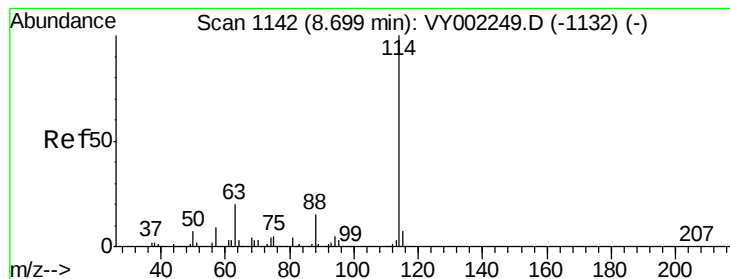
Tot Ion: 43 Resp: 9855
 Ion Ratio Lower Upper
 43 100
 72 25.5 23.2 34.8



#33
 1,2-Dichloroethane-d4
 Concen: 51.068 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. 0.01 min
 Lab File: VY002292.D
 Acq: 13 Apr 2020 19:45

Tgt Ion: 65 Resp: 79316
 Ion Ratio Lower Upper
 65 100
 67 56.8 0.0 114.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. 0.01 min

Lab File: VY002292.D

Acq: 13 Apr 2020 19:45

Instrument :

MSVOA_Y

ClientSampleId :

TP-10

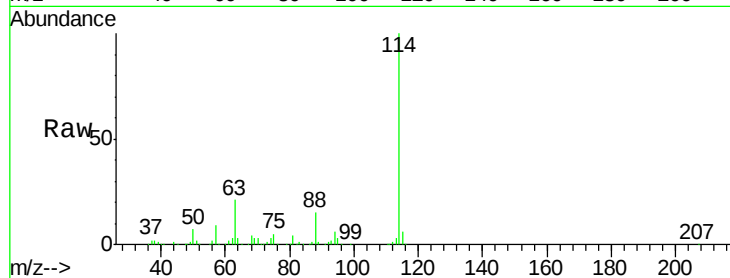
Tot Ion:114 Resp: 276823

Ion Ratio Lower Upper

114 100

63 20.7 0.0 39.0

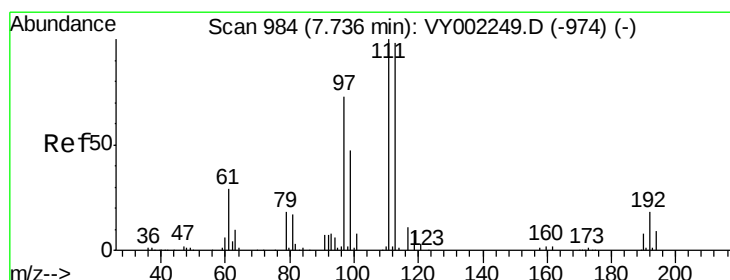
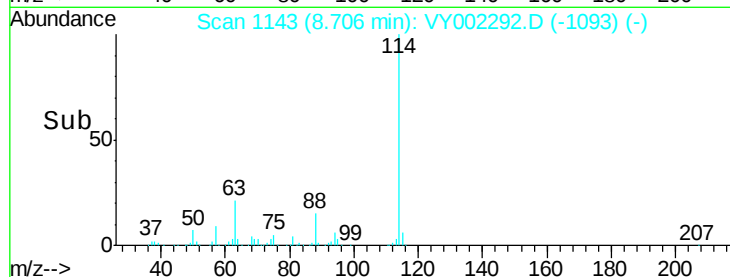
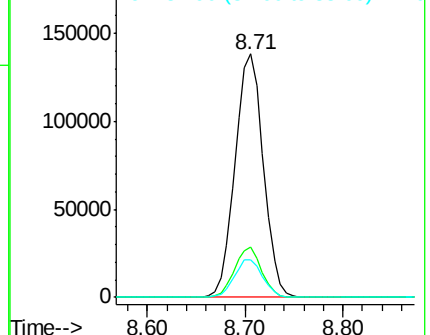
88 15.3 0.0 31.0



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: 50.180 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.00 min

Lab File: VY002292.D

Acq: 13 Apr 2020 19:45

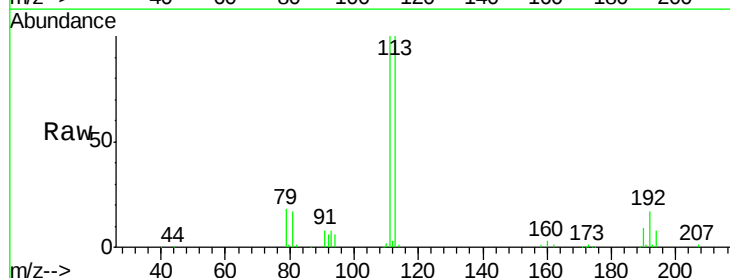
Tgt Ion:113 Resp: 82656

Ion Ratio Lower Upper

113 100

111 101.3 83.5 125.3

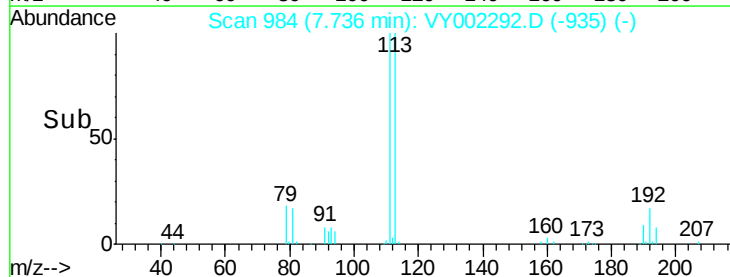
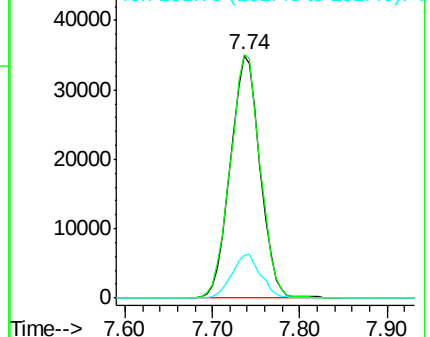
192 17.6 14.7 22.1

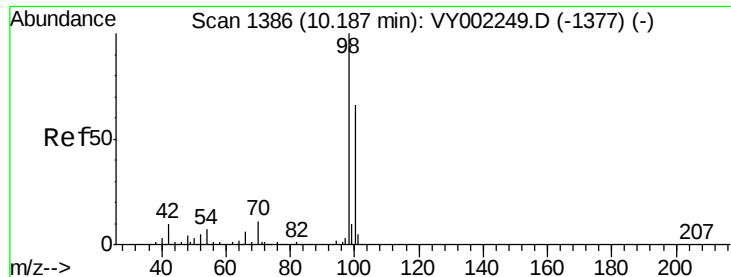


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.376 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY002292.D

Acq: 13 Apr 2020 19:45

Instrument :

MSVOA_Y

ClientSampled :

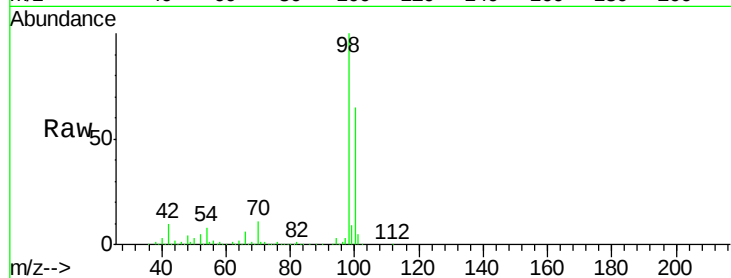
TP-10

Tot Ion: 98 Resp: 333526

Ion Ratio Lower Upper

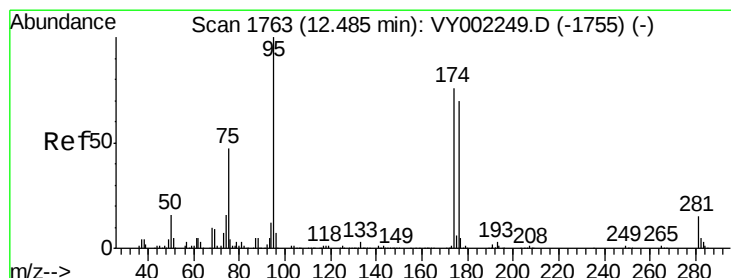
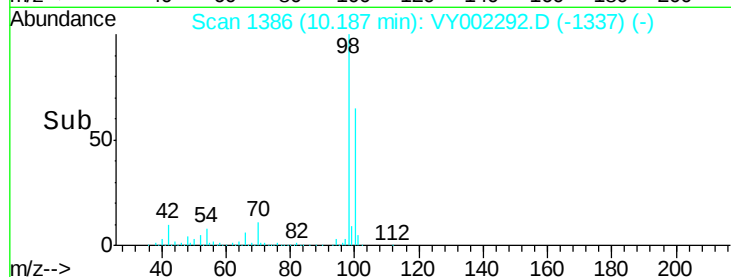
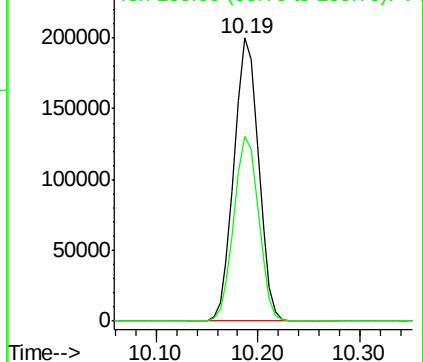
98 100

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): VY0



#62

4-Bromofluorobenzene

Concen: 40.819 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VY002292.D

Acq: 13 Apr 2020 19:45

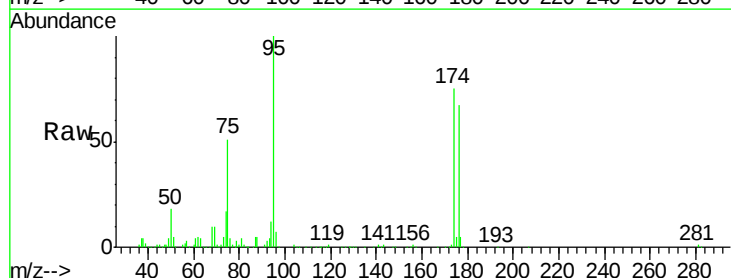
Tgt Ion: 95 Resp: 92845

Ion Ratio Lower Upper

95 100

174 75.1 0.0 150.6

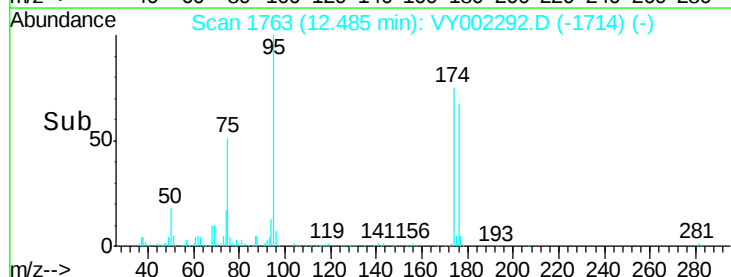
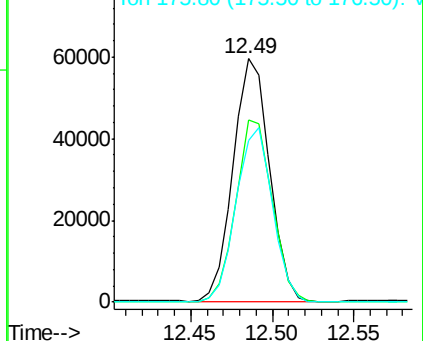
176 71.9 0.0 141.4

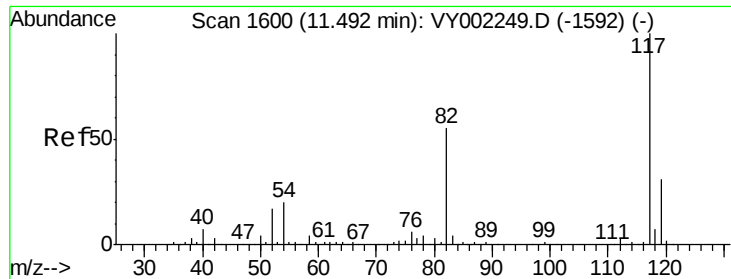


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0

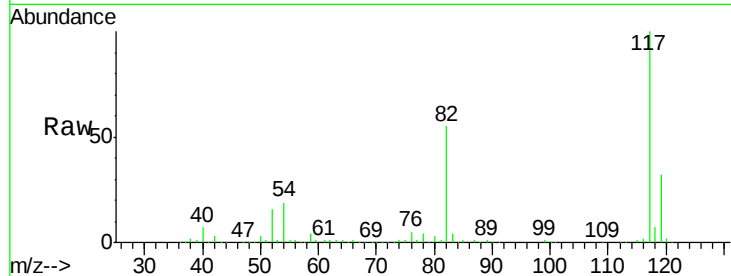




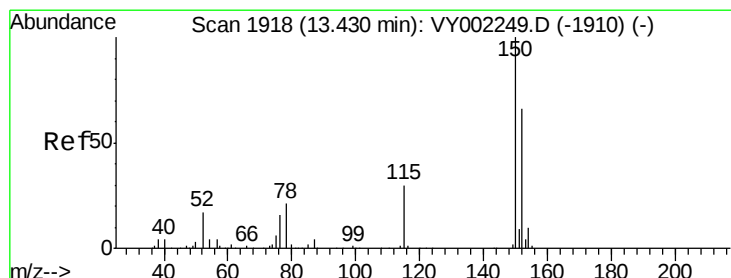
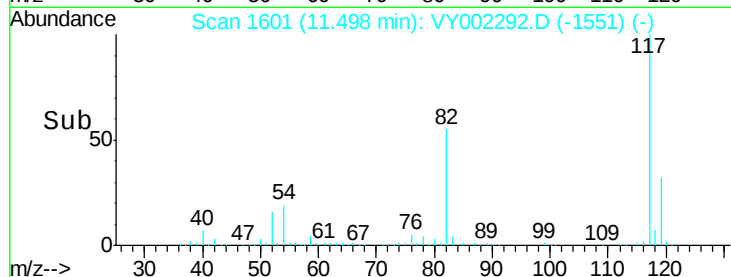
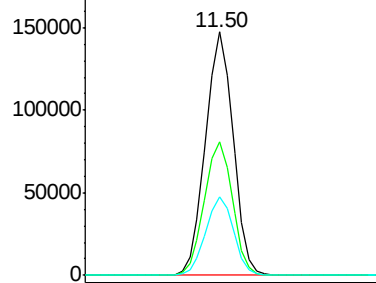
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002292.D
Acq: 13 Apr 2020 19:45

Instrument :
MSVOA_Y
ClientSampleId :
TP-10

Tot Ion:117 Resp: 231036
Ion Ratio Lower Upper
117 100
82 54.9 44.2 66.4
119 32.1 25.1 37.7

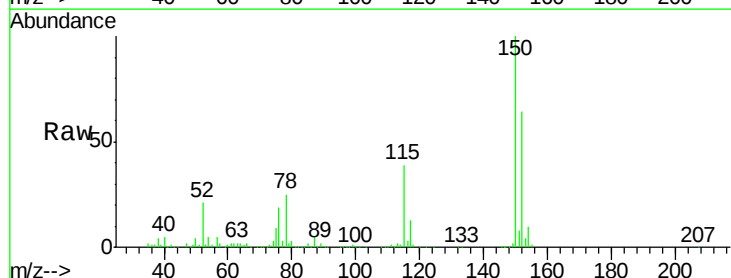


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

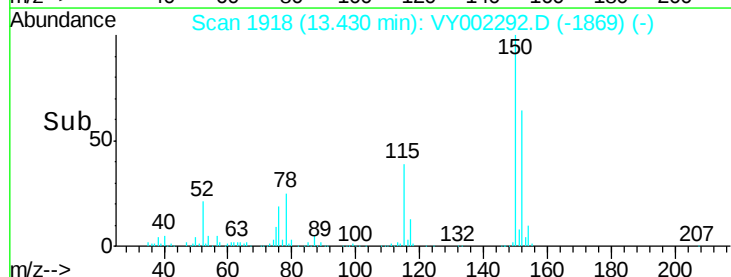
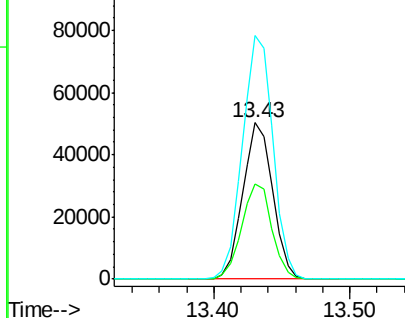


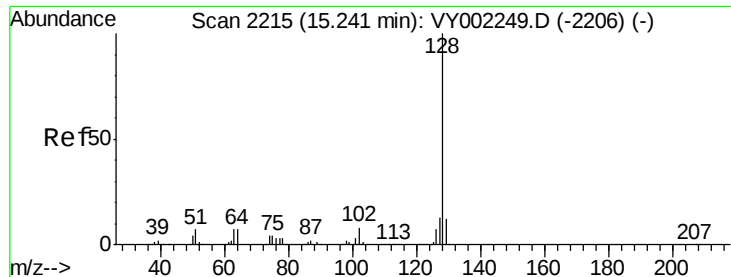
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VY002292.D
Acq: 13 Apr 2020 19:45

Tgt Ion:152 Resp: 77261
Ion Ratio Lower Upper
152 100
115 61.4 30.7 92.1
150 158.8 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

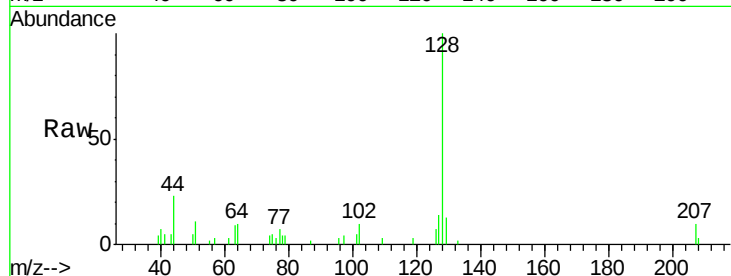




#95
Naphthalene
Concen: 1.213 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. 0.00 min
Lab File: VY002292.D
Acq: 13 Apr 2020 19:45

Instrument :
MSVOA_Y
ClientSampleId :
TP-10

Tot Ion	Ratio	Lower	Upper
128	100		
127	15.2	10.1	15.1#
129	13.5	8.7	13.1#



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

