

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031020\
 Data File : VY001926.D
 Acq On : 10 Mar 2020 16:49
 Operator : SY/MD
 Sample : L1871-01
 Misc : 5.81G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-17-(1.5-2)

Quant Time: Mar 11 05:25:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

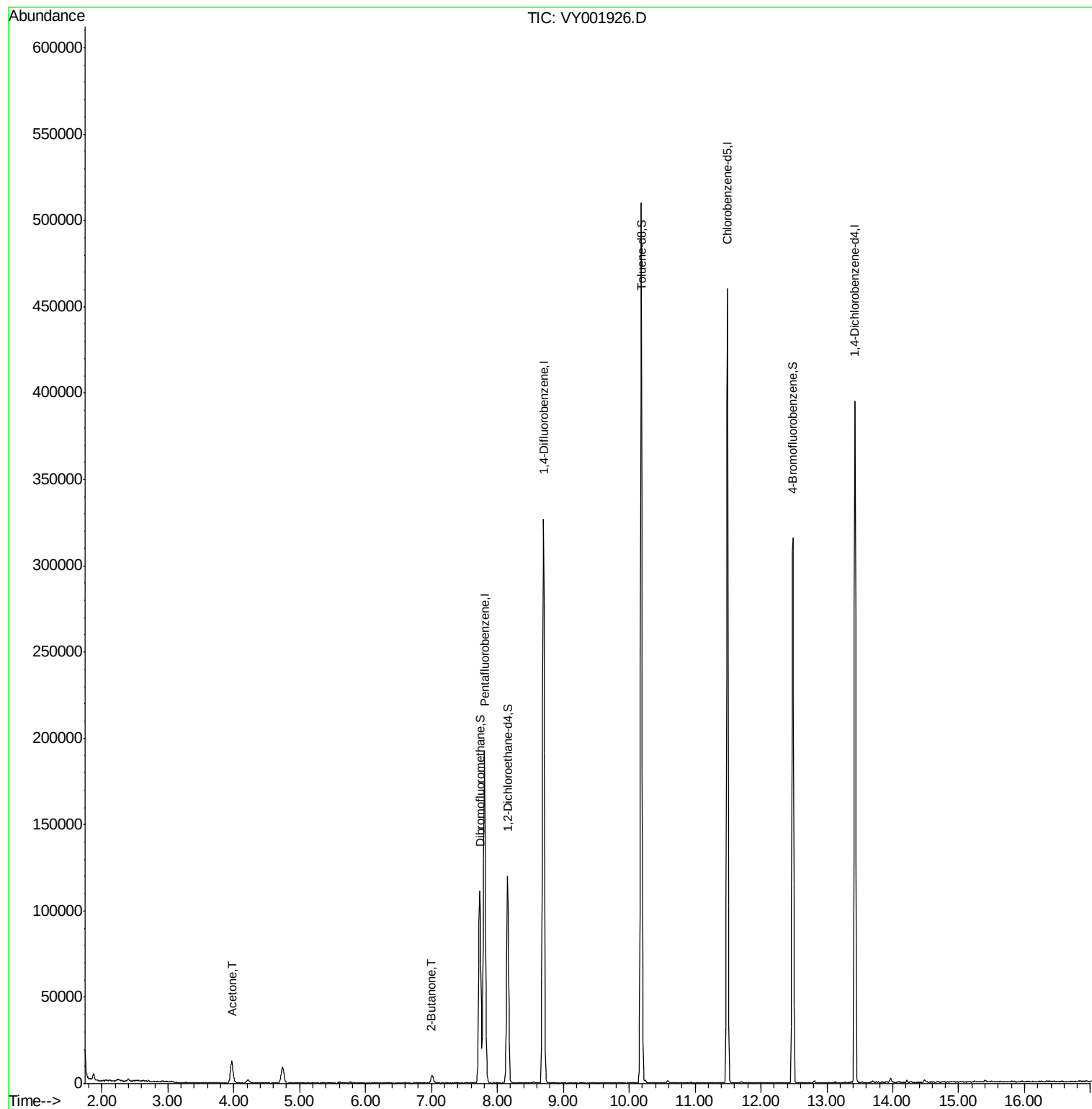
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	143533	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.70	114	271824	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	242583	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.43	152	97441	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	88705	57.89	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	115.78%	
35) Dibromofluoromethane	7.74	113	80124	53.98	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	107.96%	
50) Toluene-d8	10.18	98	328893	52.55	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	105.10%	
62) 4-Bromofluorobenzene	12.48	95	105168	48.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.64%	
Target Compounds						
16) Acetone	3.97	43	22488	50.388	ug/l	95
25) 2-Butanone	7.01	43	7676	11.310	ug/l	91

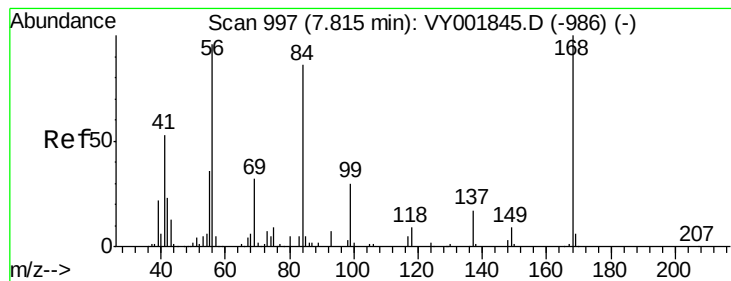
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY001926.D

Acq: 10 Mar 2020 16:49

Instrument :

MSVOA_Y

ClientSampleId :

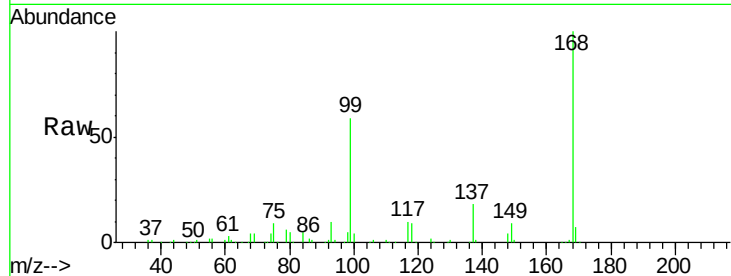
TP-17-(1.5-2)

Tot Ion:168 Resp: 143533

Ion Ratio Lower Upper

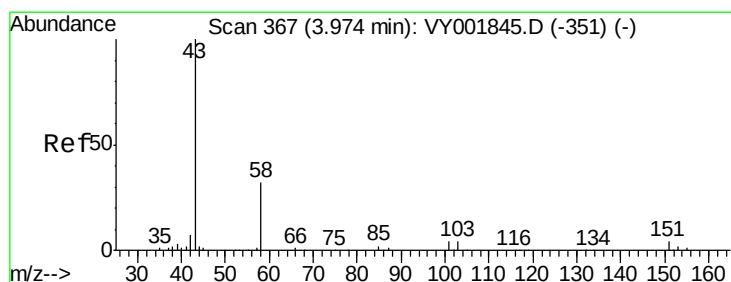
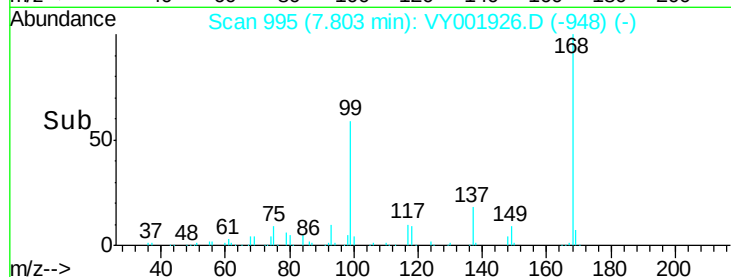
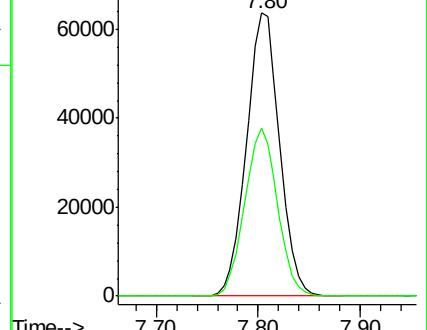
168 100

99 59.5 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)

Ion 98.90 (98.60 to 99.60): VY001845.D (-986) (-)



#16

Acetone

Concen: 50.388 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.01 min

Lab File: VY001926.D

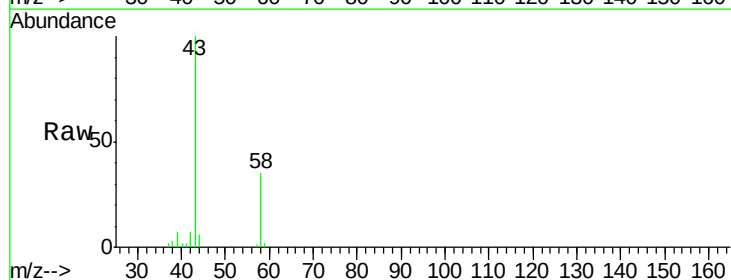
Acq: 10 Mar 2020 16:49

Tgt Ion: 43 Resp: 22488

Ion Ratio Lower Upper

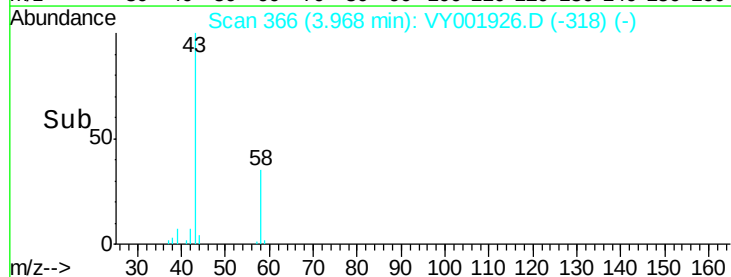
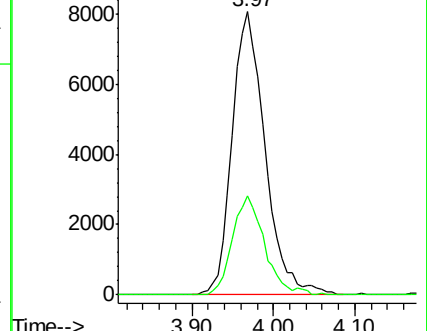
43 100

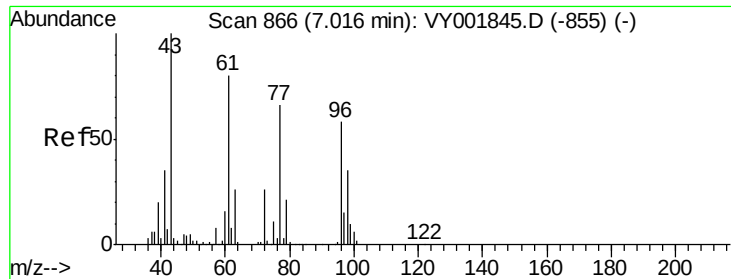
58 35.1 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VY001845.D (-351) (-)

Ion 58.00 (57.70 to 58.70): VY001845.D (-351) (-)





#25

2-Butanone

Concen: 11.310 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY001926.D

Acq: 10 Mar 2020 16:49

Instrument :

MSVOA_Y

ClientSampleId :

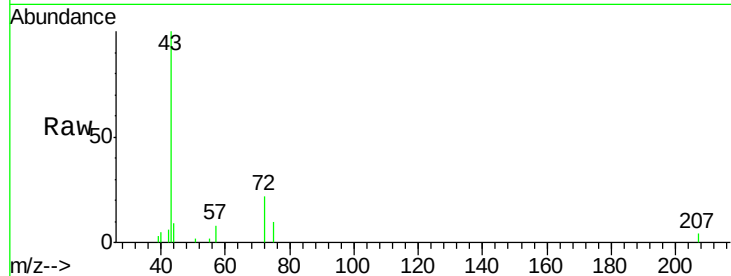
TP-17-(1.5-2)

Tot Ion: 43 Resp: 7676

Ion Ratio Lower Upper

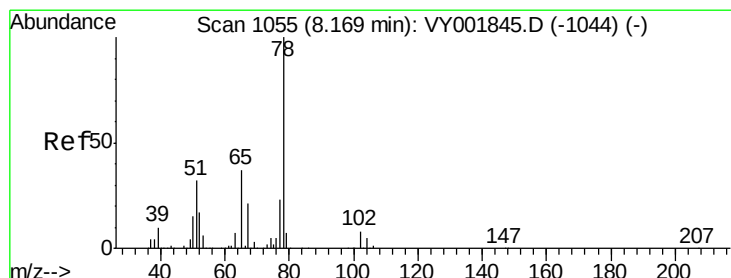
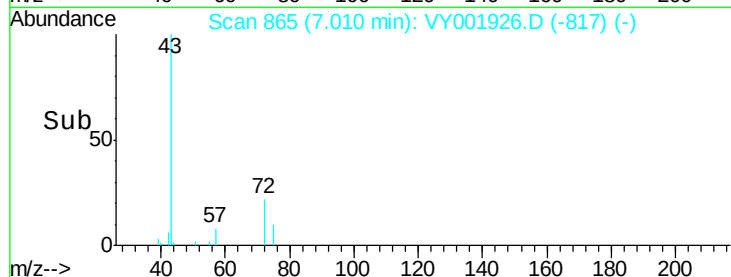
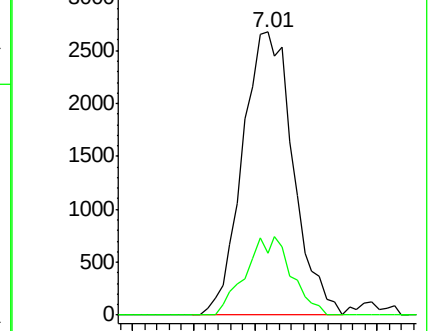
43 100

72 21.7 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#33

1,2-Dichloroethane-d4

Concen: 57.890 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY001926.D

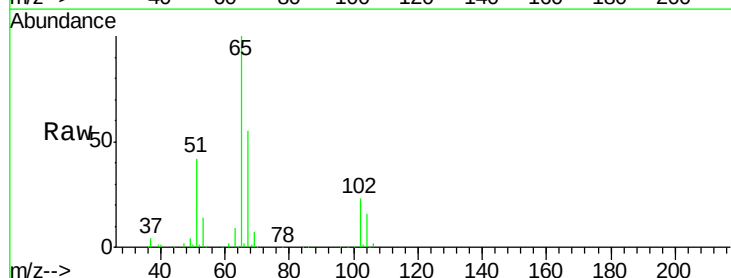
Acq: 10 Mar 2020 16:49

Tgt Ion: 65 Resp: 88705

Ion Ratio Lower Upper

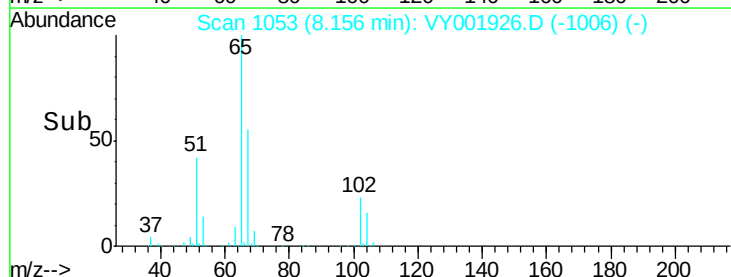
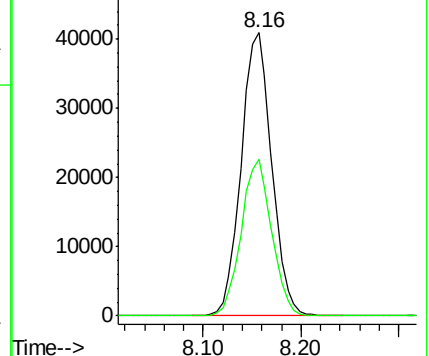
65 100

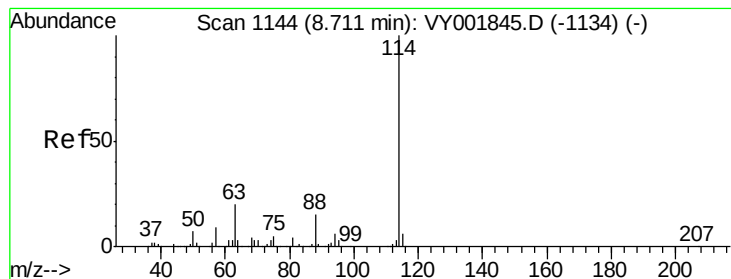
67 55.0 0.0 110.8



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: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY001926.D

Acq: 10 Mar 2020 16:49

Instrument :

MSVOA_Y

ClientSampleId :

TP-17-(1.5-2)

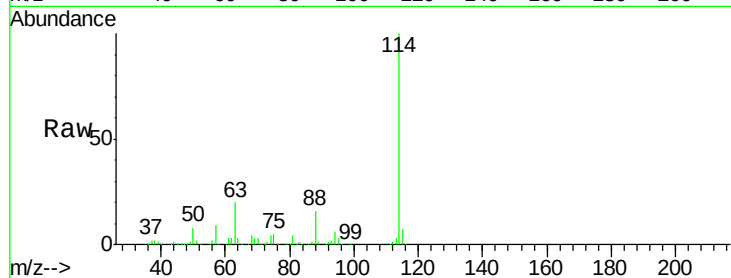
Tot Ion:114 Resp: 271824

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.4

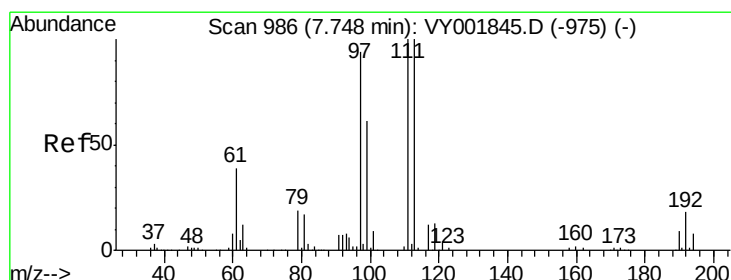
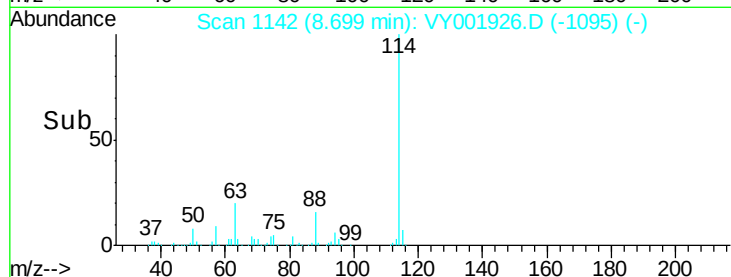
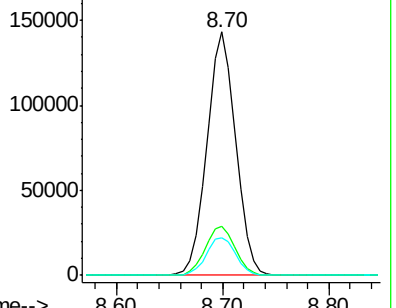
88 15.6 0.0 30.4



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: 53.982 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.01 min

Lab File: VY001926.D

Acq: 10 Mar 2020 16:49

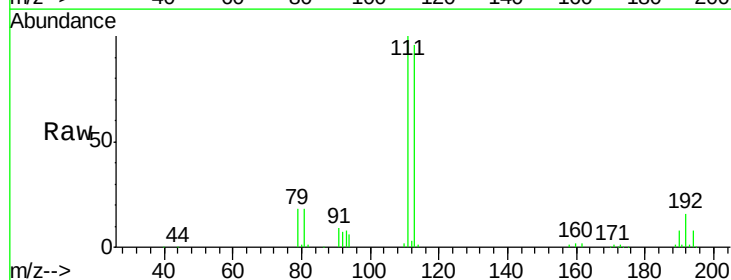
Tgt Ion:113 Resp: 80124

Ion Ratio Lower Upper

113 100

111 103.4 81.8 122.8

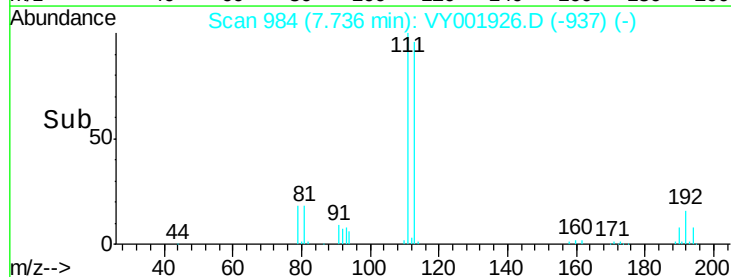
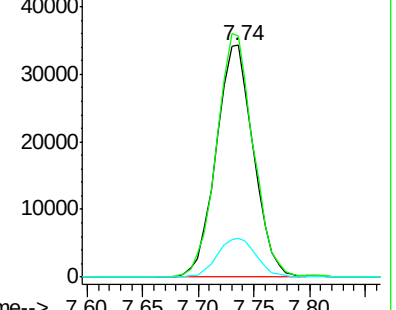
192 17.6 14.2 21.2

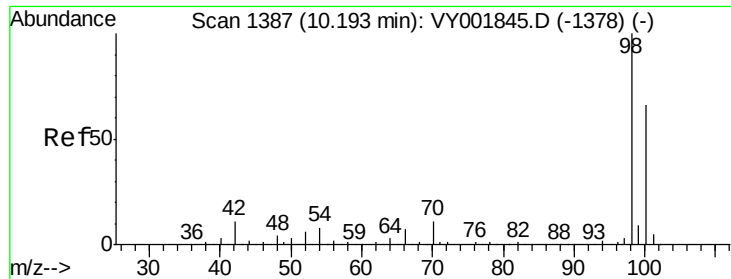


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

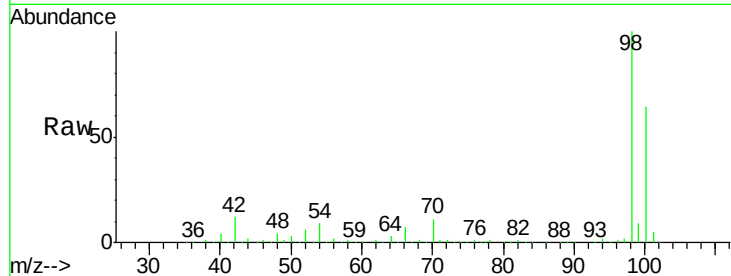




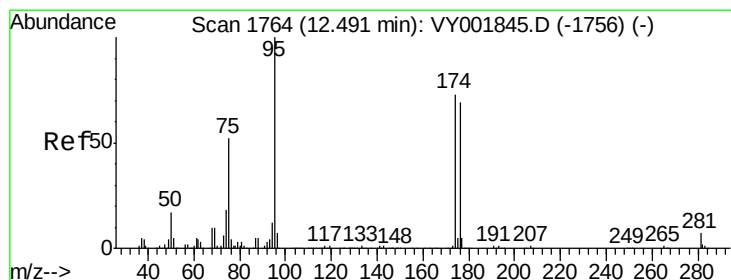
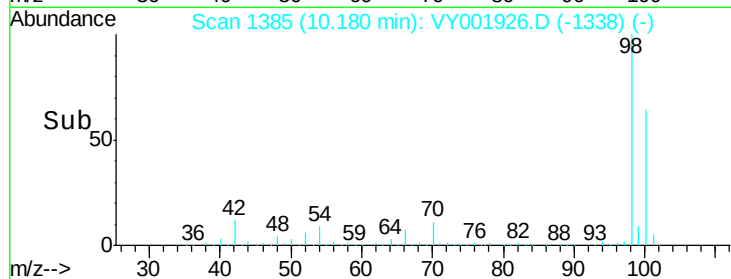
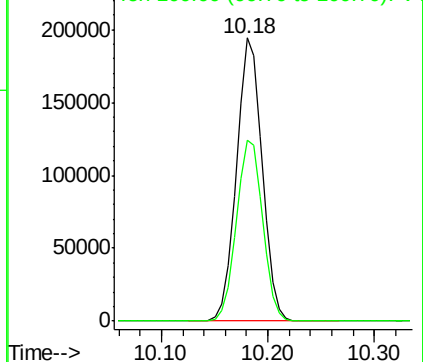
#50
Toluene-d8
Concen: 52.548 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY001926.D
Acq: 10 Mar 2020 16:49

Instrument :
MSVOA_Y
ClientSampleId :
TP-17-(1.5-2)

Tot Ion: 98 Resp: 328893
Ion Ratio Lower Upper
98 100
100 65.6 53.0 79.4

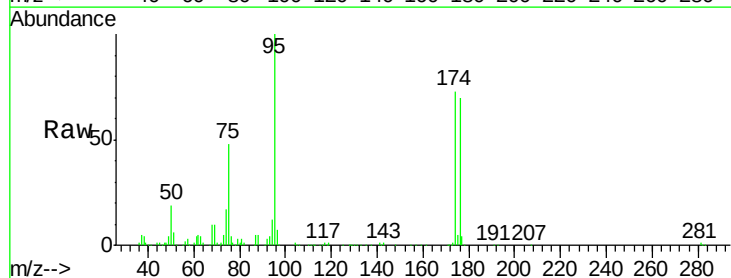


Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY

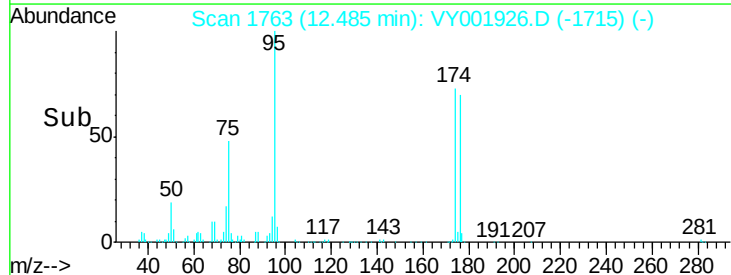
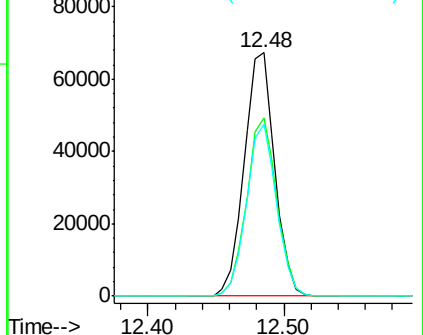


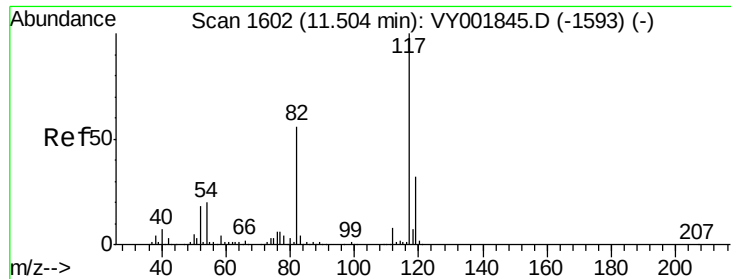
#62
4-Bromofluorobenzene
Concen: 48.324 ug/l
RT: 12.48 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VY001926.D
Acq: 10 Mar 2020 16:49

Tgt Ion: 95 Resp: 105168
Ion Ratio Lower Upper
95 100
174 72.9 0.0 145.0
176 70.0 0.0 137.4



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

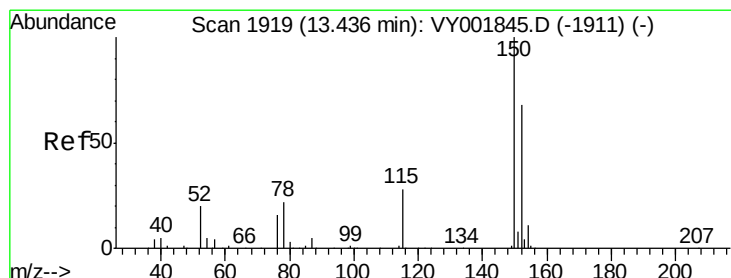
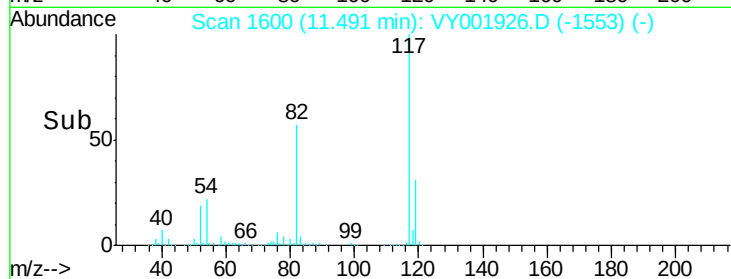
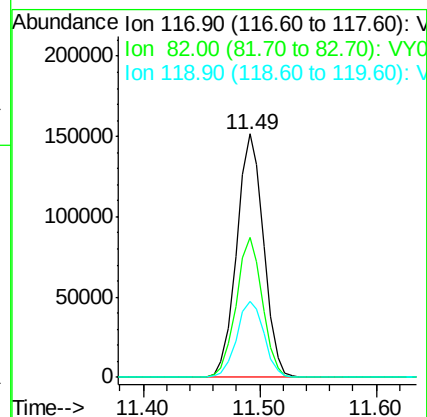
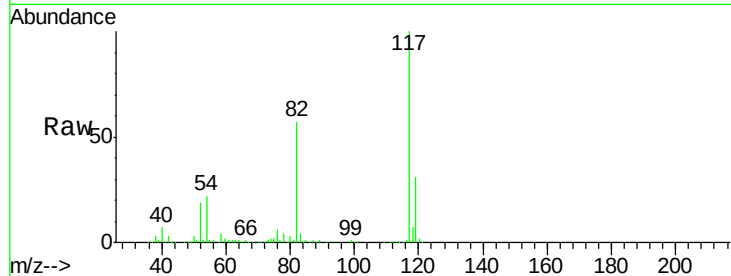




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY001926.D
Acq: 10 Mar 2020 16:49

Instrument :
MSVOA_Y
ClientSampleId :
TP-17-(1.5-2)

Tot Ion:117 Resp: 242583
Ion Ratio Lower Upper
117 100
82 57.2 44.5 66.7
119 31.4 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY001926.D
Acq: 10 Mar 2020 16:49

Tgt Ion:152 Resp: 97441
Ion Ratio Lower Upper
152 100
115 60.7 29.9 89.7
150 158.4 0.0 340.6

