

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041520\
 Data File : VY002333.D
 Acq On : 15 Apr 2020 13:51
 Operator : SY/MD
 Sample : L2245-05
 Misc : 6.15G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-14

Quant Time: Apr 16 08:13:33 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

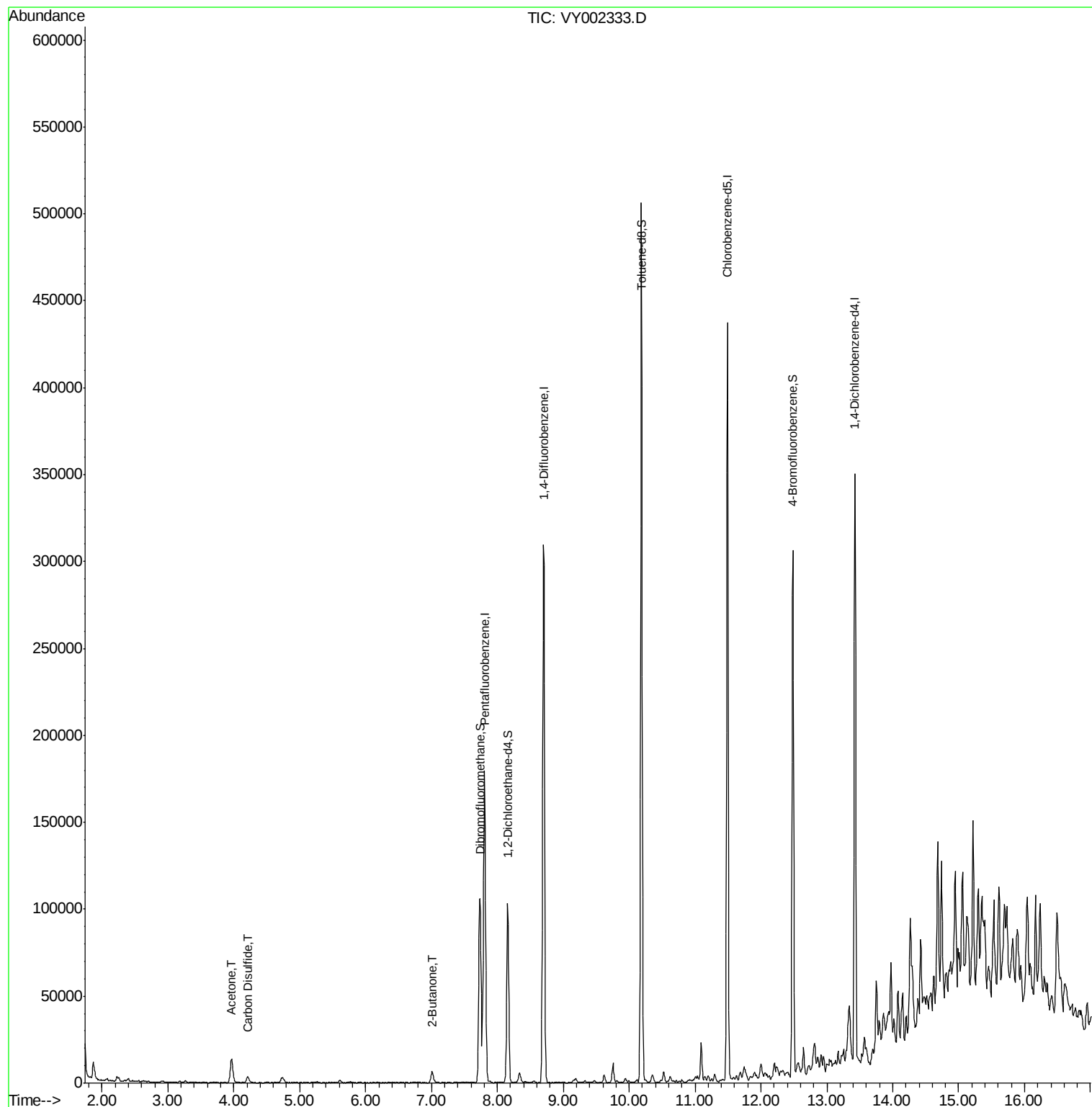
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	144668	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	282722	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	246719	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	90660	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	73690	45.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.60%	
35) Dibromofluoromethane	7.73	113	80060	47.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.18%	
50) Toluene-d8	10.19	98	331828	47.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.26%	
62) 4-Bromofluorobenzene	12.49	95	100211	43.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.28%	
Target Compounds						
16) Acetone	3.96	43	23875	56.344	ug/l	94
17) Carbon Disulfide	4.21	76	7316	1.261	ug/l #	93
25) 2-Butanone	7.01	43	10199	15.209	ug/l	94

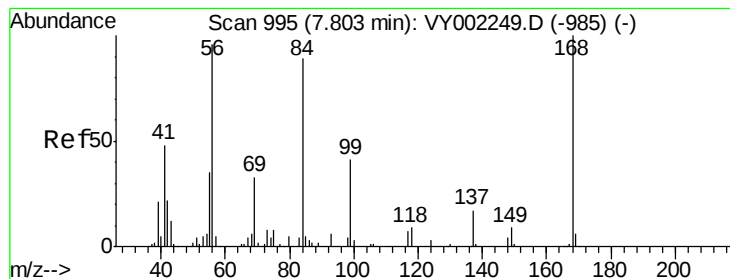
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002333.D

Acq: 15 Apr 2020 13:51

Instrument :

MSVOA_Y

ClientSampleId :

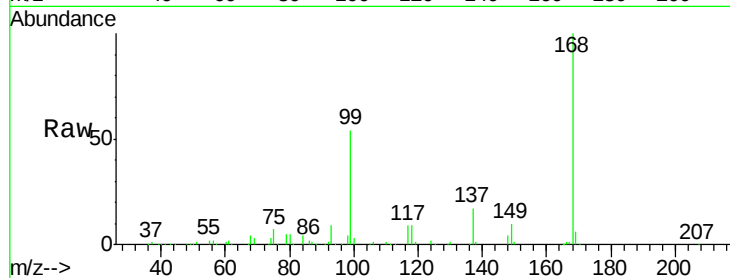
TP-14

Tot Ion:168 Resp: 144668

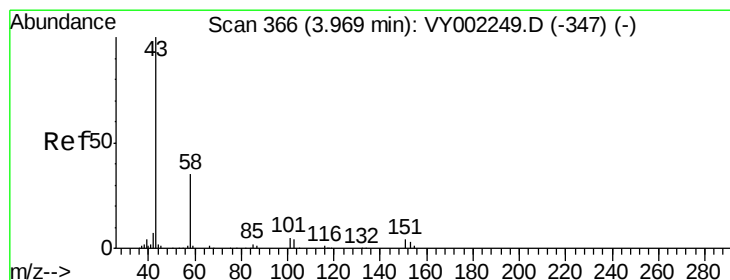
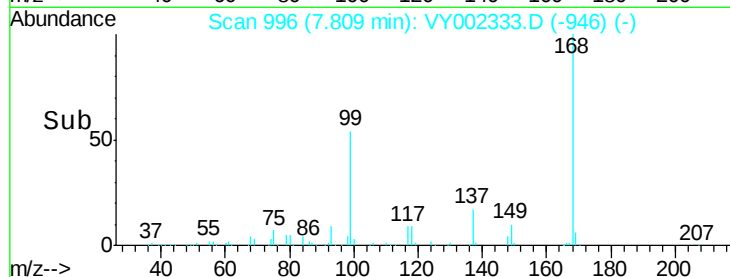
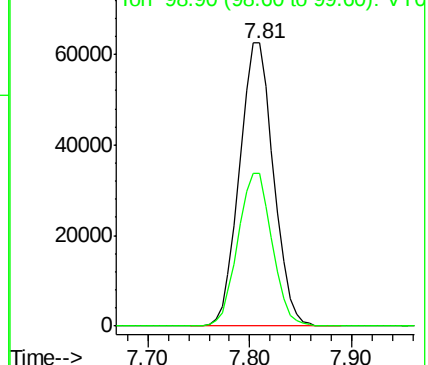
Ion Ratio Lower Upper

168 100

99 53.8 48.0 72.0



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



#16

Acetone

Concen: 56.344 ug/l

RT: 3.96 min Scan# 365

Delta R.T. -0.01 min

Lab File: VY002333.D

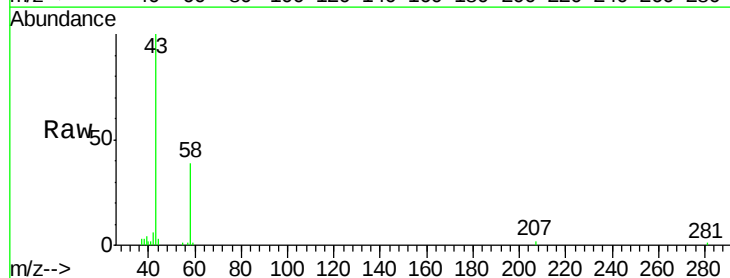
Acq: 15 Apr 2020 13:51

Tgt Ion: 43 Resp: 23875

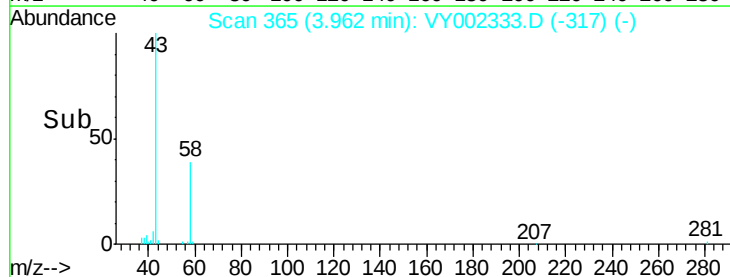
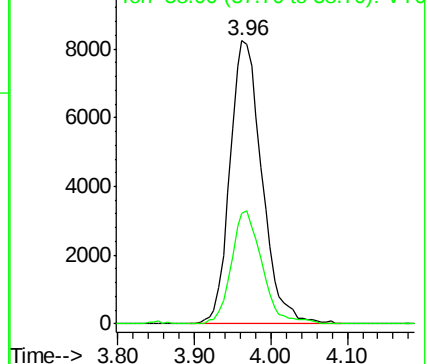
Ion Ratio Lower Upper

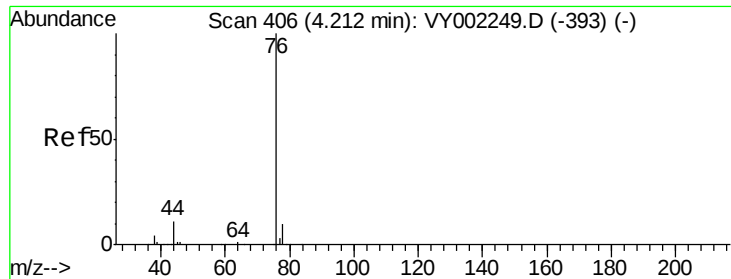
43 100

58 39.3 28.5 42.7



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

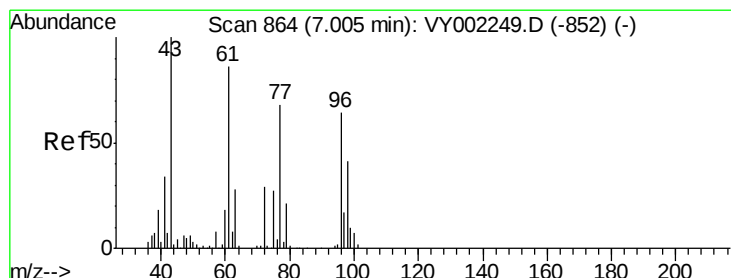
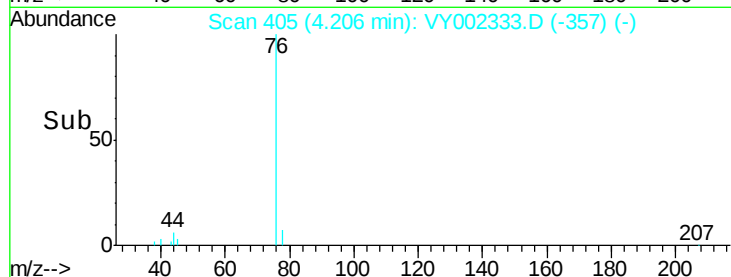
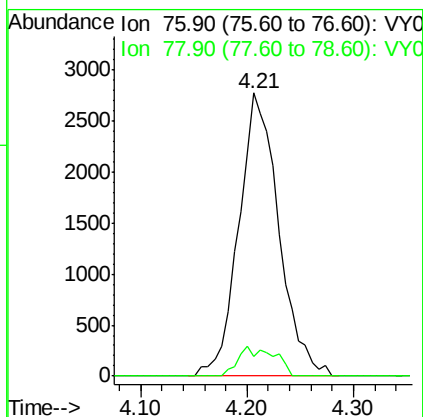
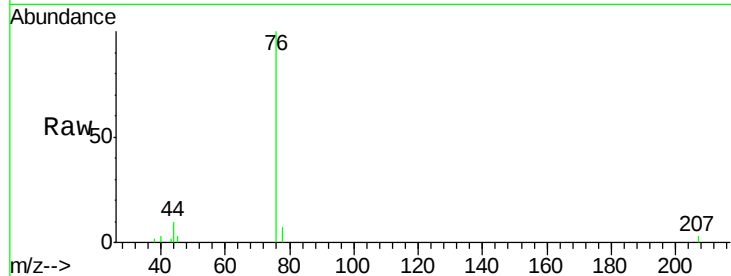




#17
Carbon Disulfide
Concen: 1.261 ug/l
RT: 4.21 min Scan# 405
Delta R.T. -0.01 min
Lab File: VY002333.D
Acq: 15 Apr 2020 13:51

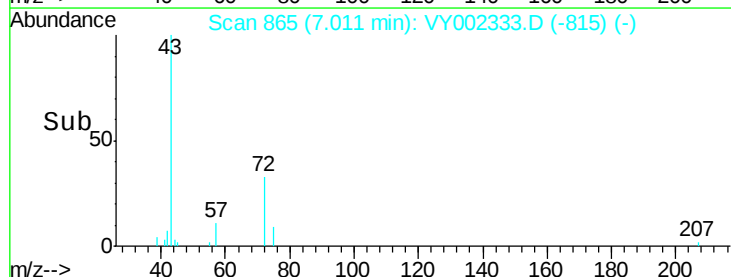
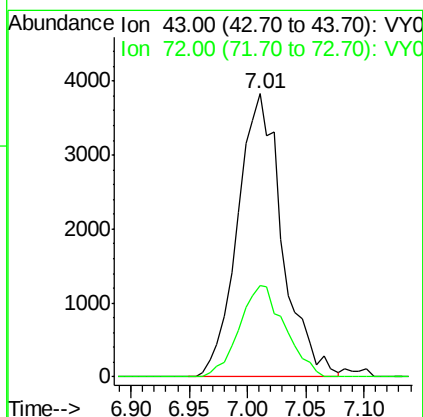
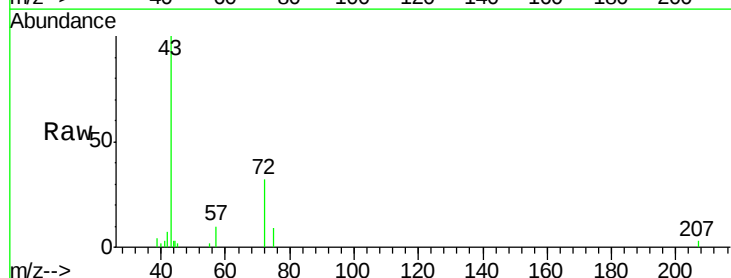
Instrument :
MSVOA_Y
ClientSampled :
TP-14

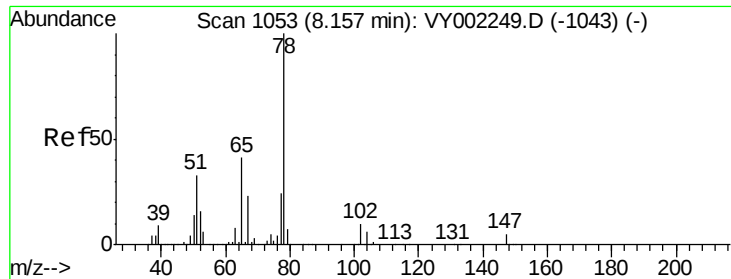
Tot Ion: 76 Resp: 7316
Ion Ratio Lower Upper
76 100
78 7.0 7.7 11.5#



#25
2-Butanone
Concen: 15.209 ug/l
RT: 7.01 min Scan# 865
Delta R.T. 0.01 min
Lab File: VY002333.D
Acq: 15 Apr 2020 13:51

Tgt Ion: 43 Resp: 10199
Ion Ratio Lower Upper
43 100
72 32.2 23.2 34.8





#33

1,2-Dichloroethane-d4

Concen: 45.804 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VY002333.D

Acq: 15 Apr 2020 13:51

Instrument :

MSVOA_Y

ClientSampleId :

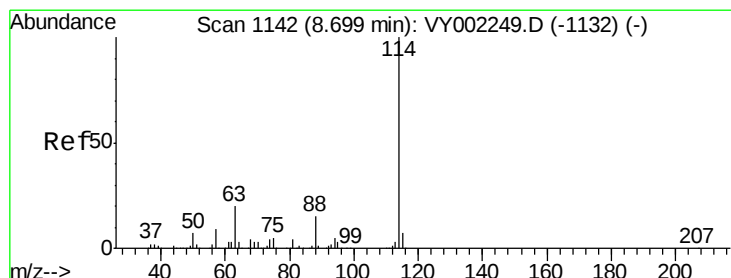
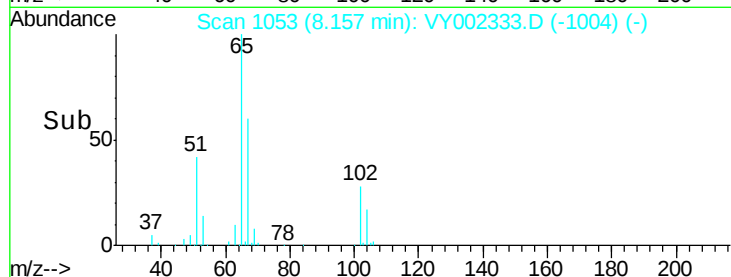
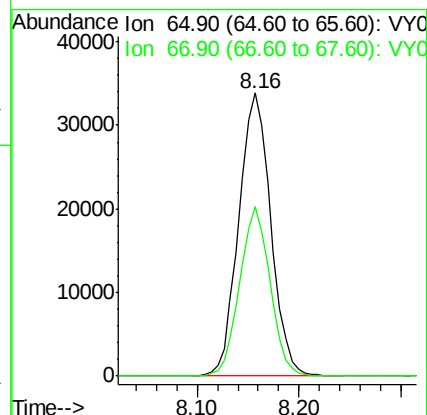
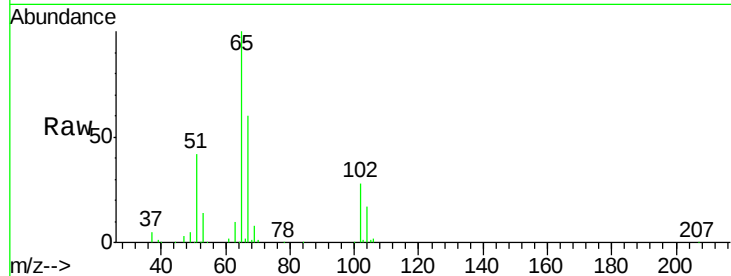
TP-14

Tot Ion: 65 Resp: 73690

Ion Ratio Lower Upper

65 100

67 56.8 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: VY002333.D

Acq: 15 Apr 2020 13:51

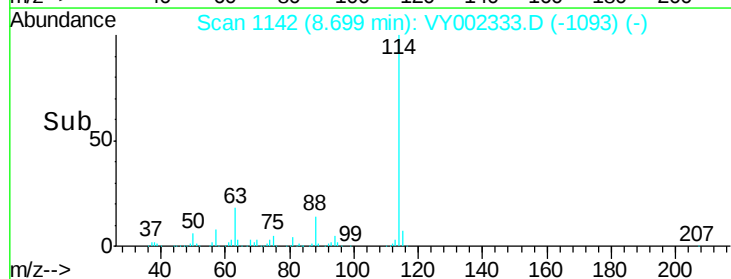
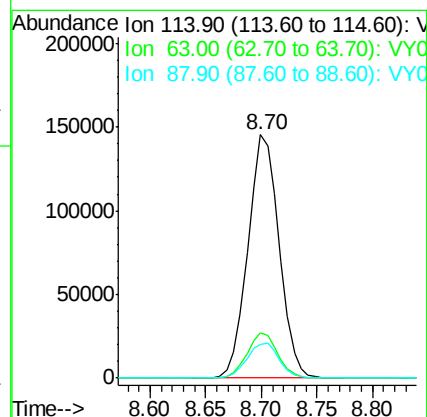
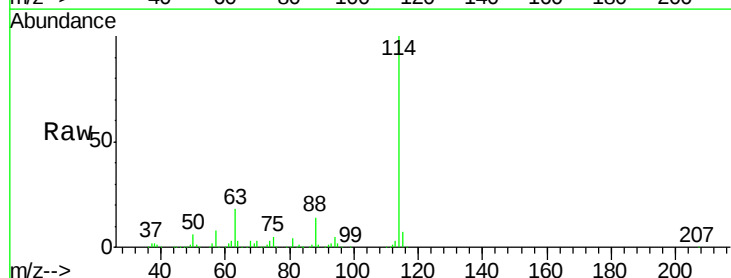
Tgt Ion: 114 Resp: 282722

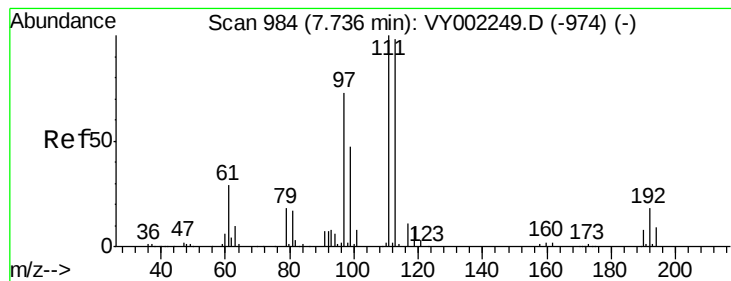
Ion Ratio Lower Upper

114 100

63 18.3 0.0 39.0

88 14.1 0.0 31.0





#35

Dibromofluoromethane

Concen: 47.590 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY002333.D

Acq: 15 Apr 2020 13:51

Instrument :

MSVOA_Y

ClientSampled :

TP-14

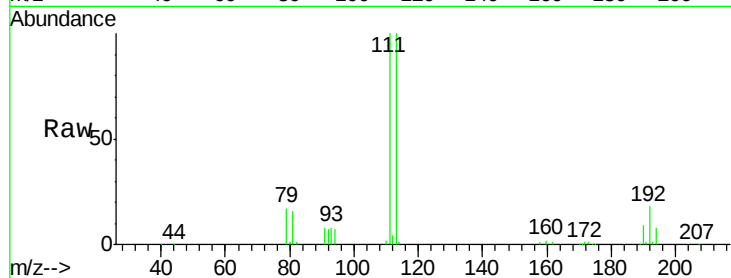
Tot Ion:113 Resp: 80060

Ion Ratio Lower Upper

113 100

111 102.2 83.5 125.3

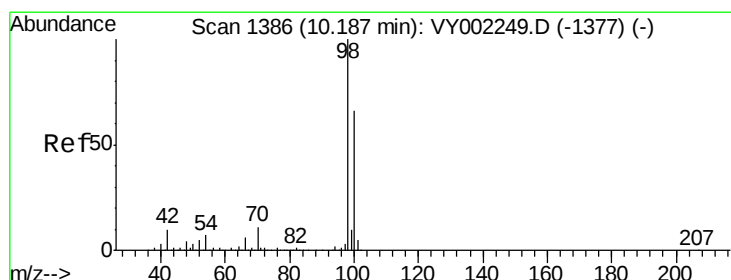
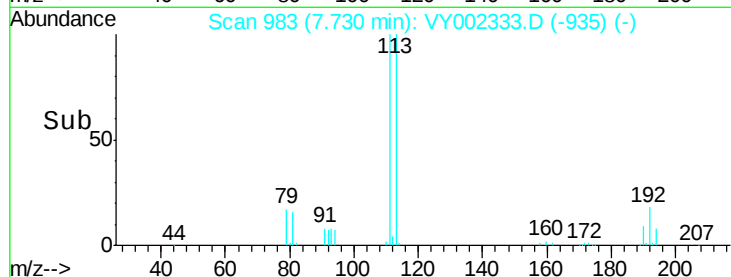
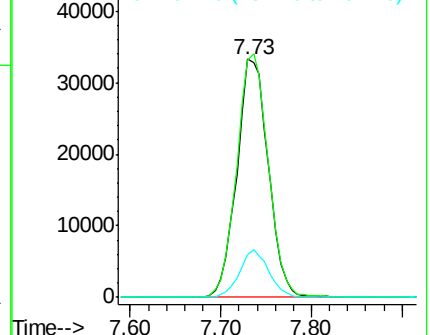
192 18.5 14.7 22.1



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: 47.125 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY002333.D

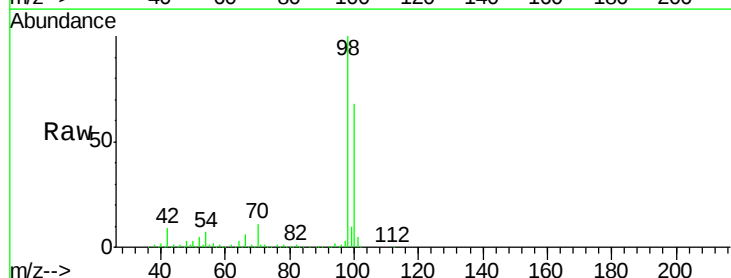
Acq: 15 Apr 2020 13:51

Tgt Ion: 98 Resp: 331828

Ion Ratio Lower Upper

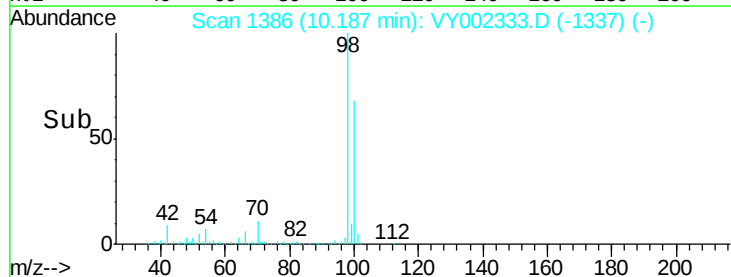
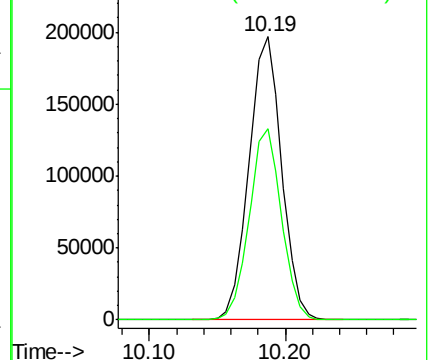
98 100

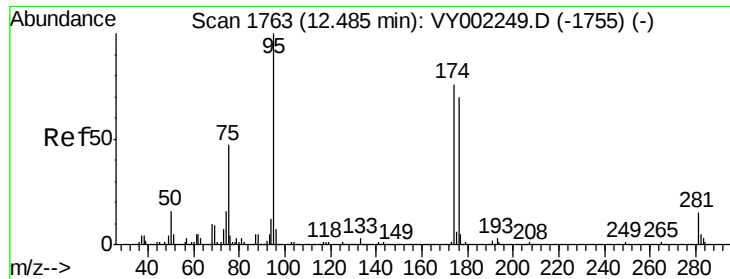
100 66.5 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

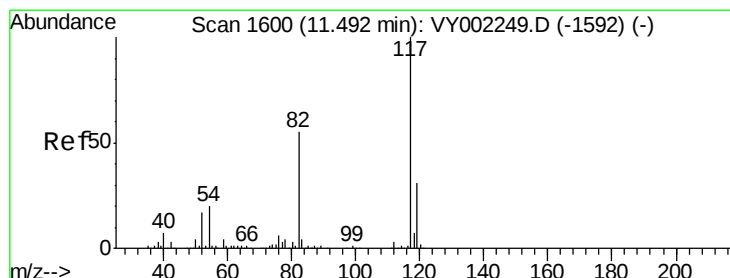
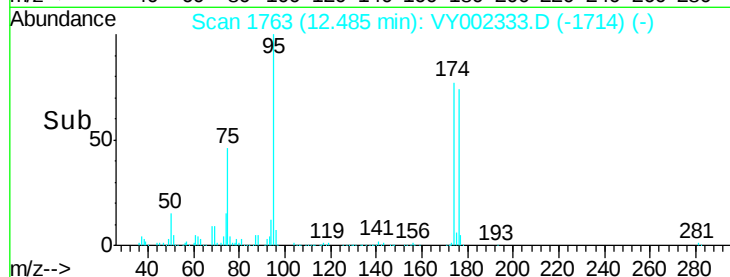
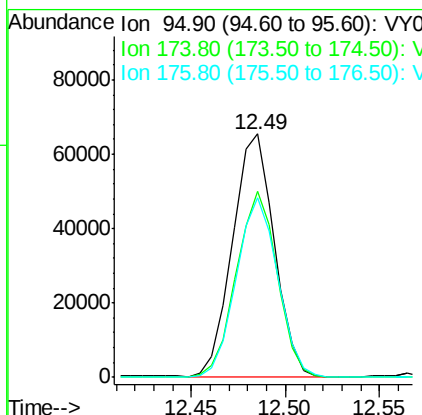
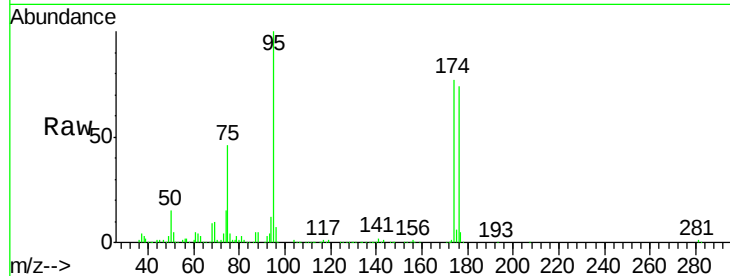




#62
4-Bromofluorobenzene
Concen: 43.138 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VY002333.D
Acq: 15 Apr 2020 13:51

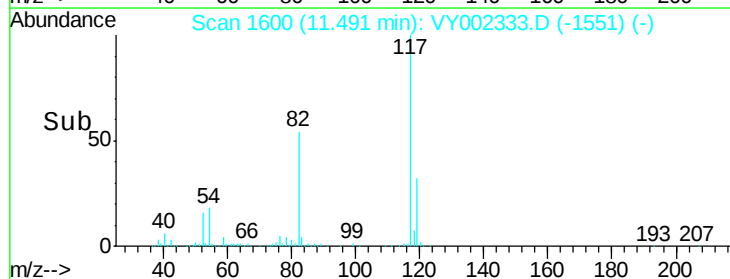
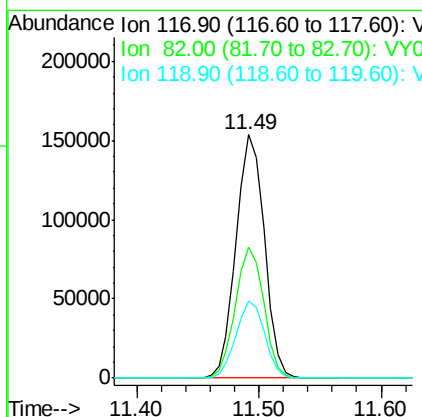
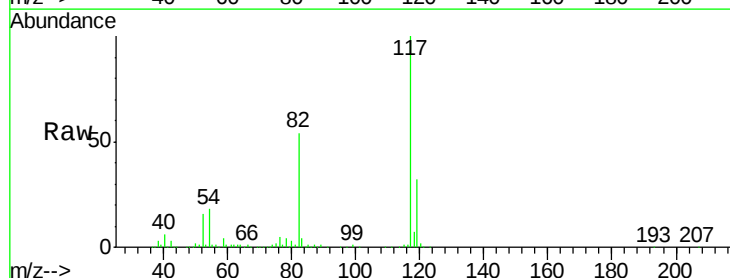
Instrument :
MSVOA_Y
ClientSampleId :
TP-14

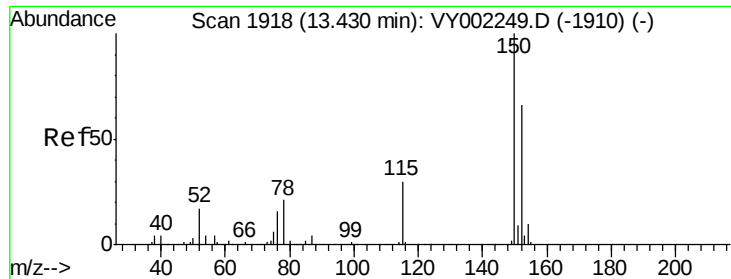
Tot Ion: 95 Resp: 100211
Ion Ratio Lower Upper
95 100
174 74.9 0.0 150.6
176 73.5 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY002333.D
Acq: 15 Apr 2020 13:51

Tgt Ion: 117 Resp: 246719
Ion Ratio Lower Upper
117 100
82 53.5 44.2 66.4
119 31.9 25.1 37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.42 min Scan# 1917
 Delta R.T. -0.01 min
 Lab File: VY002333.D
 Acq: 15 Apr 2020 13:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-14

Tot Ion:152 Resp: 90660
 Ion Ratio Lower Upper
 152 100
 115 60.0 30.7 92.1
 150 159.2 0.0 350.6

