

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY122419\
 Data File : VY001052.D
 Acq On : 24 Dec 2019 16:45
 Operator : SY/MD
 Sample : K6413-11
 Misc : 8.74G/5ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 K005-AB-SB4

Quant Time: Dec 25 04:58:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 23 12:07:44 2019
 Response via : Initial Calibration

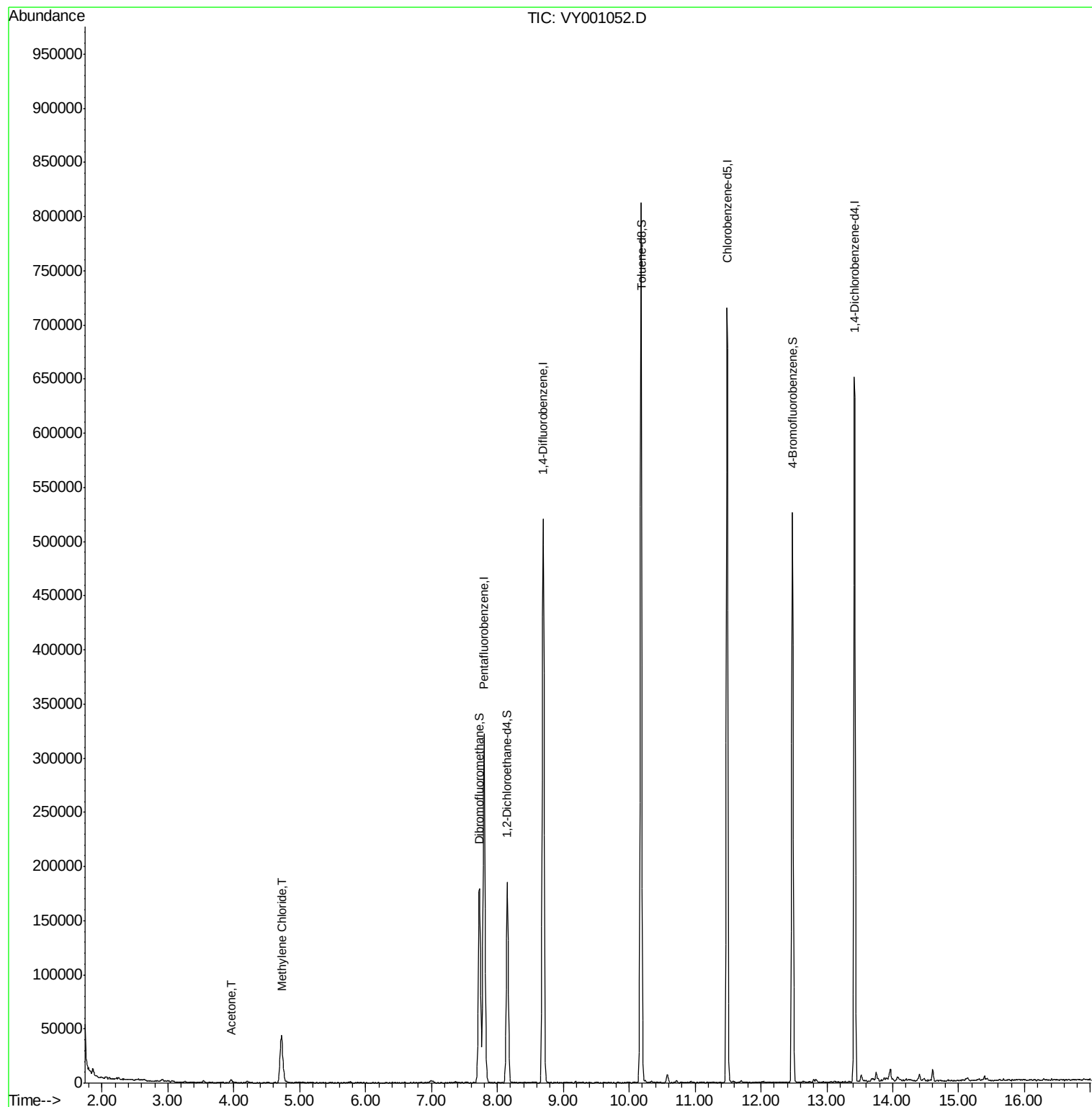
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	241375	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	452531	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	396675	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	164732	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	134163	56.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.72%	
35) Dibromofluoromethane	7.72	113	132079	49.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.14%	
50) Toluene-d8	10.18	98	531814	51.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.14%	
62) 4-Bromofluorobenzene	12.48	95	166179	43.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.30%	
Target Compounds						
16) Acetone	3.96	43	4482	8.172	ug/l	91
20) Methylene Chloride	4.72	84	32738	10.142	ug/l	88

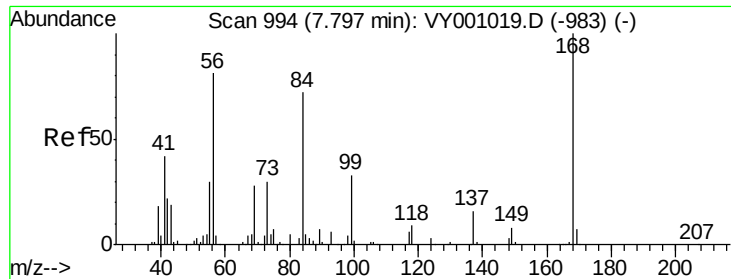
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY001052.D

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Instrument :

MSVOA_Y

ClientSampleId :

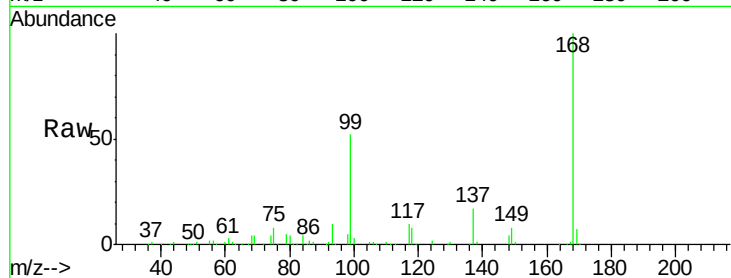
K005-AB-SB4

Tot Ion:168 Resp: 241375

Ion Ratio Lower Upper

168 100

99 52.0 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VY001019.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001019.D (-983) (-)

7.80

120000

100000

80000

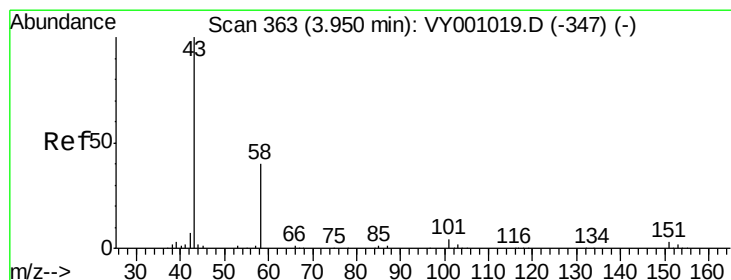
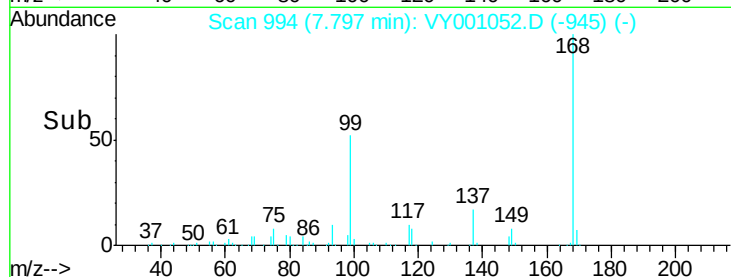
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 8.172 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY001052.D

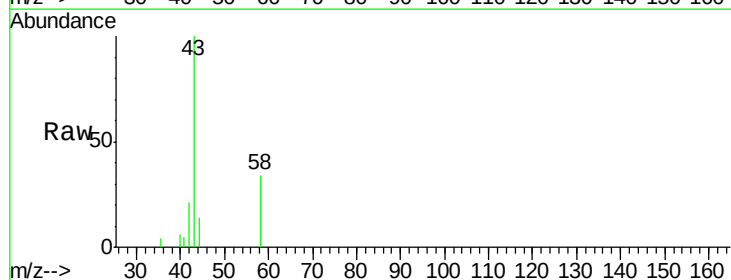
Acq: 24 Dec 2019 16:45

Tgt Ion: 43 Resp: 4482

Ion Ratio Lower Upper

43 100

58 34.4 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VY001019.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY001019.D (-347) (-)

3.96

2000

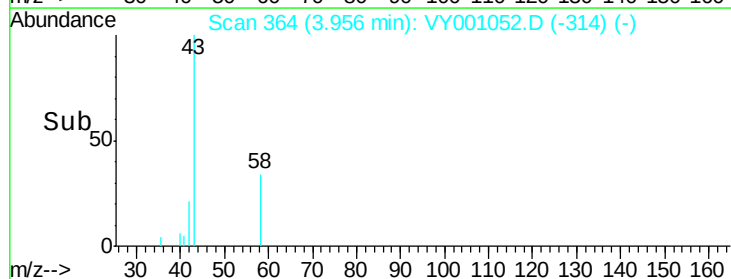
1500

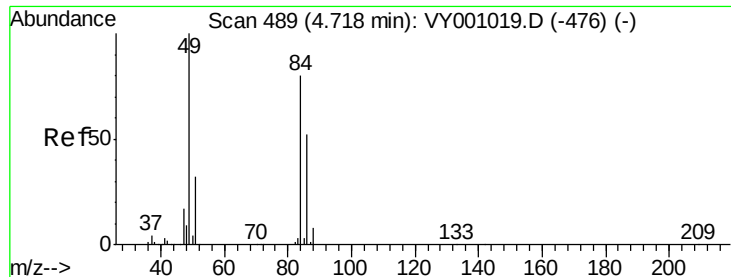
1000

500

0

Time-->

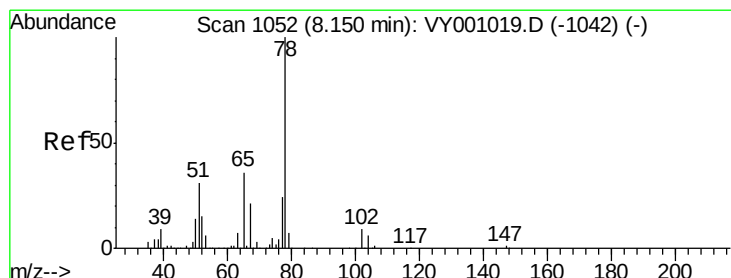
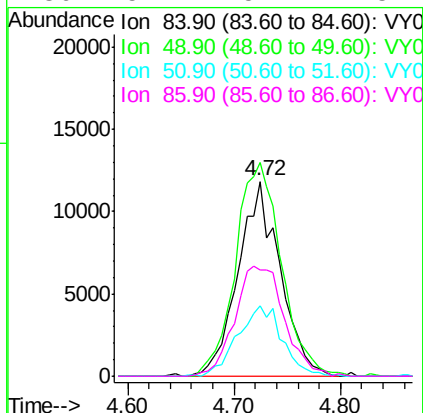
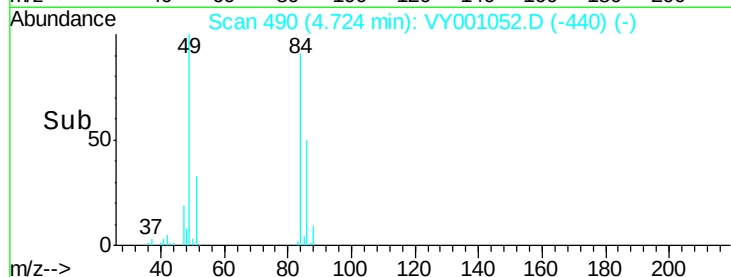
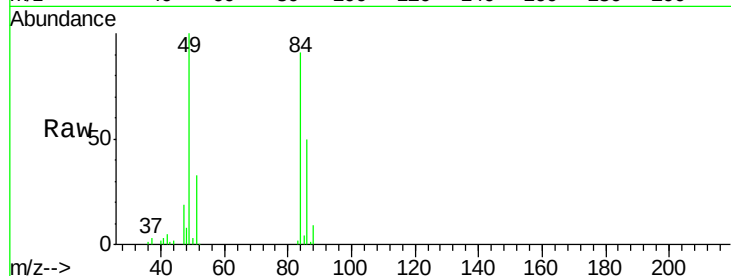




#20
Methylene Chloride
Concen: 10.142 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY001052.D
Acq: 24 Dec 2019 16:45

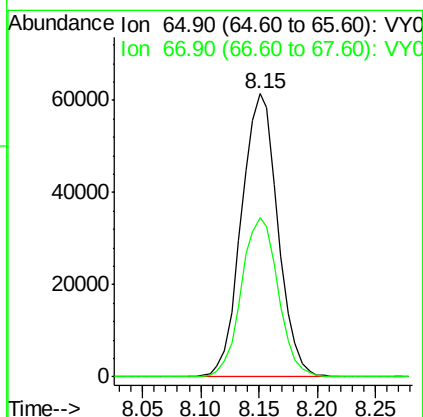
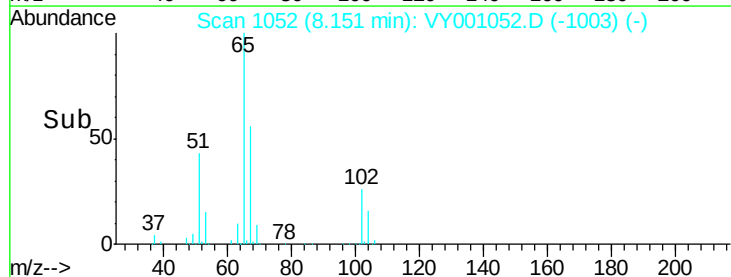
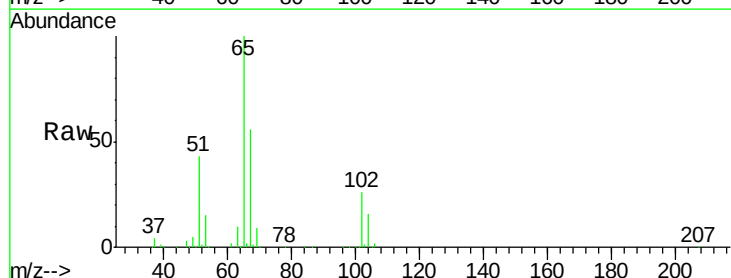
Instrument :
MSVOA_Y
ClientSampleId :
K005-AB-SB4

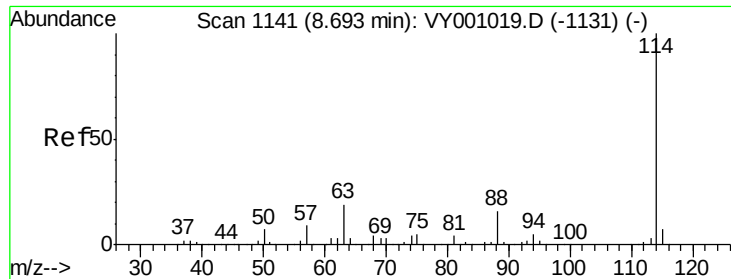
Tot Ion: 84 Resp: 32738
Ion Ratio Lower Upper
84 100
49 109.6 99.8 149.6
51 35.4 31.4 47.2
86 54.4 52.2 78.2



#33
1,2-Dichloroethane-d4
Concen: 56.356 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VY001052.D
Acq: 24 Dec 2019 16:45

Tgt Ion: 65 Resp: 134163
Ion Ratio Lower Upper
65 100
67 56.8 0.0 112.8

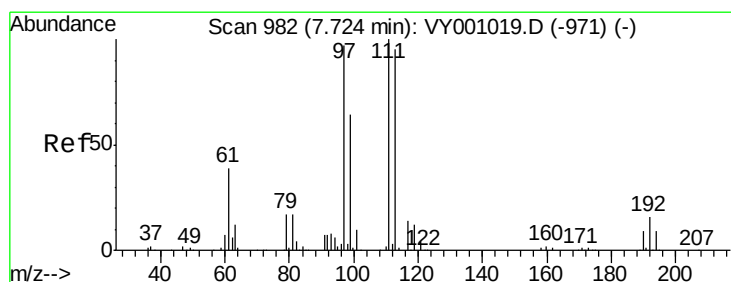
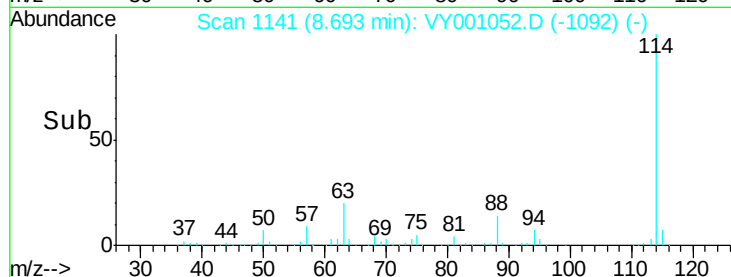
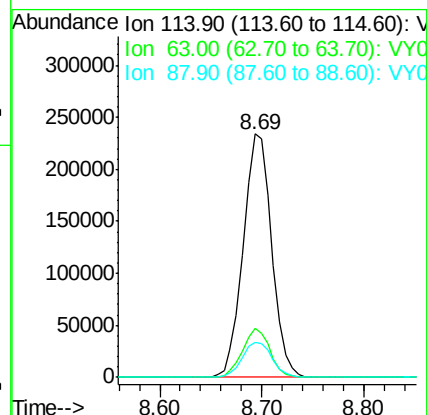
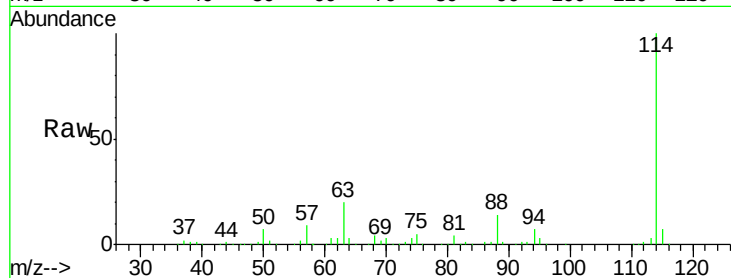




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY001052.D
 Acq: 24 Dec 2019 16:45

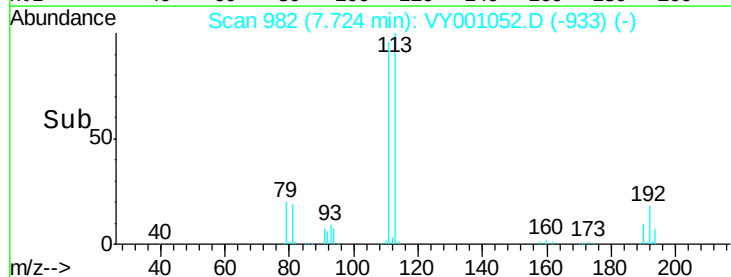
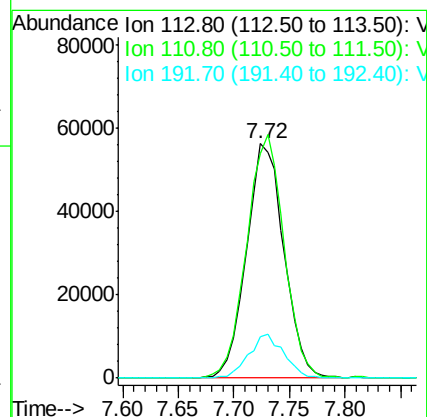
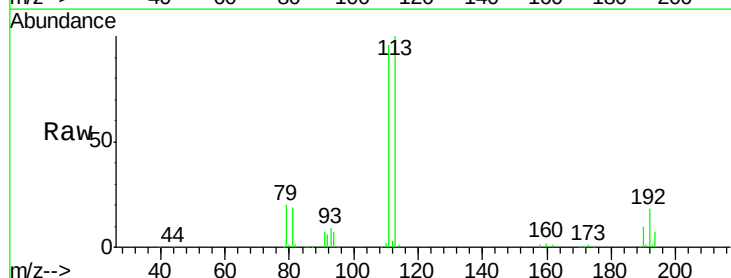
Instrument :
 MSVOA_Y
 ClientSampleId :
 K005-AB-SB4

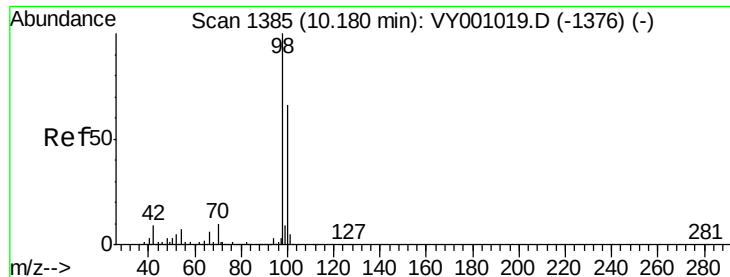
Tot Ion:114 Resp: 452531
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 37.0
 88 14.5 0.0 32.0



#35
 Dibromofluoromethane
 Concen: 49.565 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY001052.D
 Acq: 24 Dec 2019 16:45

Tgt Ion:113 Resp: 132079
 Ion Ratio Lower Upper
 113 100
 111 103.7 83.0 124.4
 192 17.5 14.6 21.8





#50

Toluene-d8

Concen: 51.068 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY001052.D

Acq: 24 Dec 2019 16:45

Instrument :

MSVOA_Y

ClientSampleId :

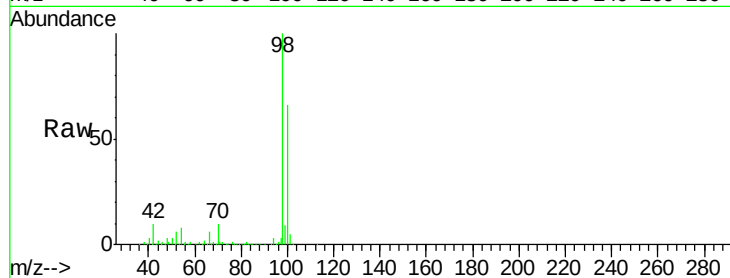
K005-AB-SB4

Tot Ion: 98 Resp: 531814

Ion Ratio Lower Upper

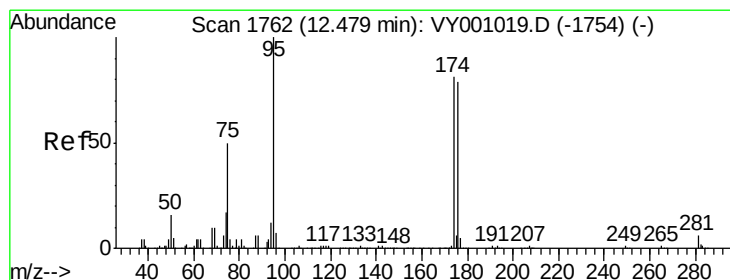
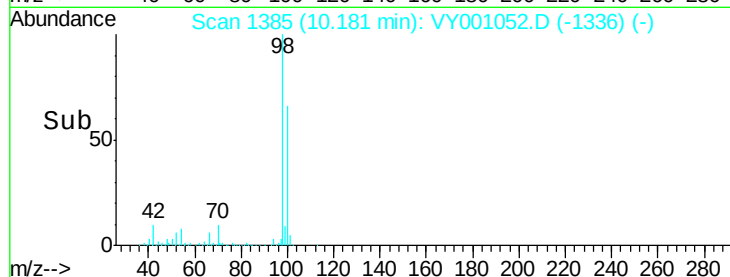
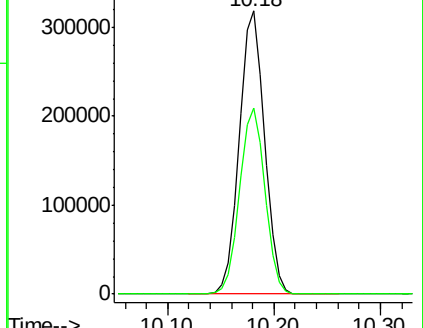
98 100

100 66.1 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0



#62

4-Bromofluorobenzene

Concen: 43.646 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY001052.D

Acq: 24 Dec 2019 16:45

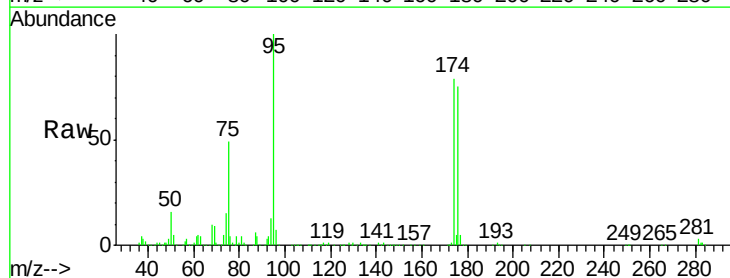
Tgt Ion: 95 Resp: 166179

Ion Ratio Lower Upper

95 100

174 78.6 0.0 156.4

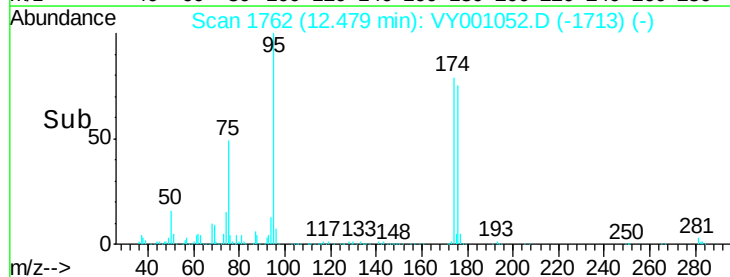
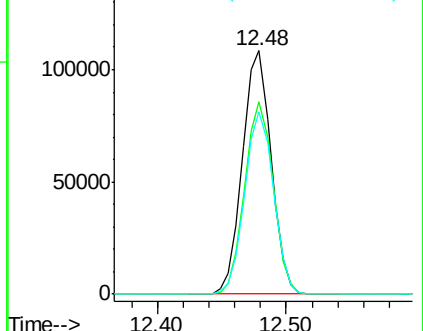
176 75.4 0.0 155.0

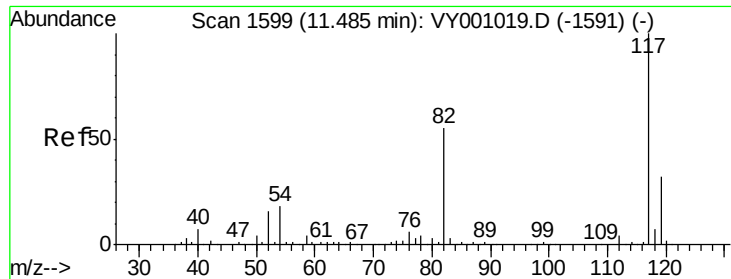


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0

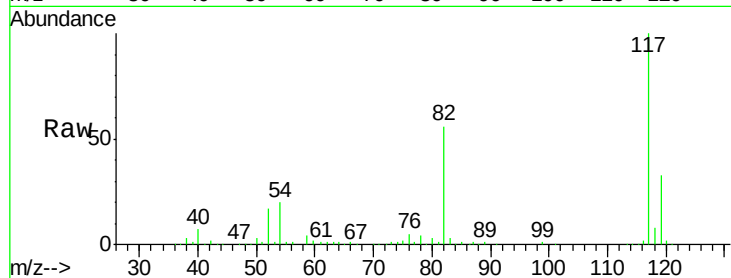




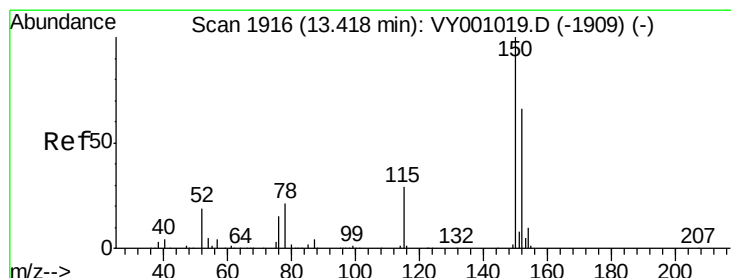
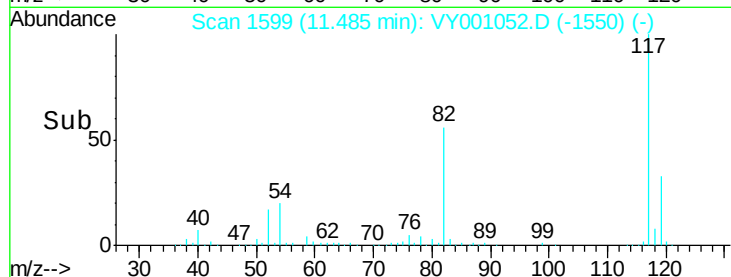
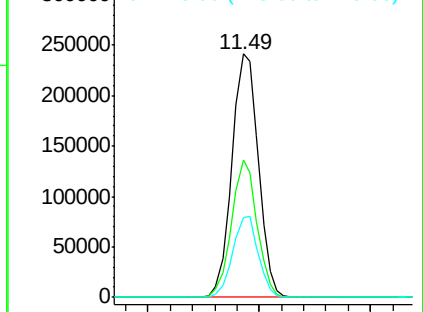
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY001052.D
Acq: 24 Dec 2019 16:45

Instrument :
MSVOA_Y
ClientSampleId :
K005-AB-SB4

Tot Ion:117 Resp: 396675
Ion Ratio Lower Upper
117 100
82 56.4 43.8 65.8
119 32.6 25.8 38.6

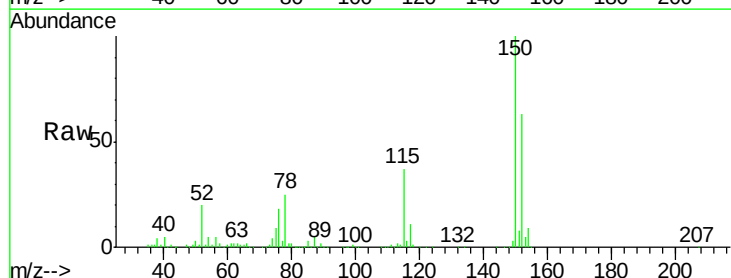


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1916
Delta R.T. 0.00 min
Lab File: VY001052.D
Acq: 24 Dec 2019 16:45

Tgt Ion:152 Resp: 164732
Ion Ratio Lower Upper
152 100
115 58.4 29.8 89.3
150 157.1 0.0 352.6



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

