

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY122419\
 Data File : VY001050.D
 Acq On : 24 Dec 2019 16:01
 Operator : SY/MD
 Sample : K6413-09
 Misc : 5.89G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 K005-AB-SB2

Quant Time: Dec 26 08:15:25 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

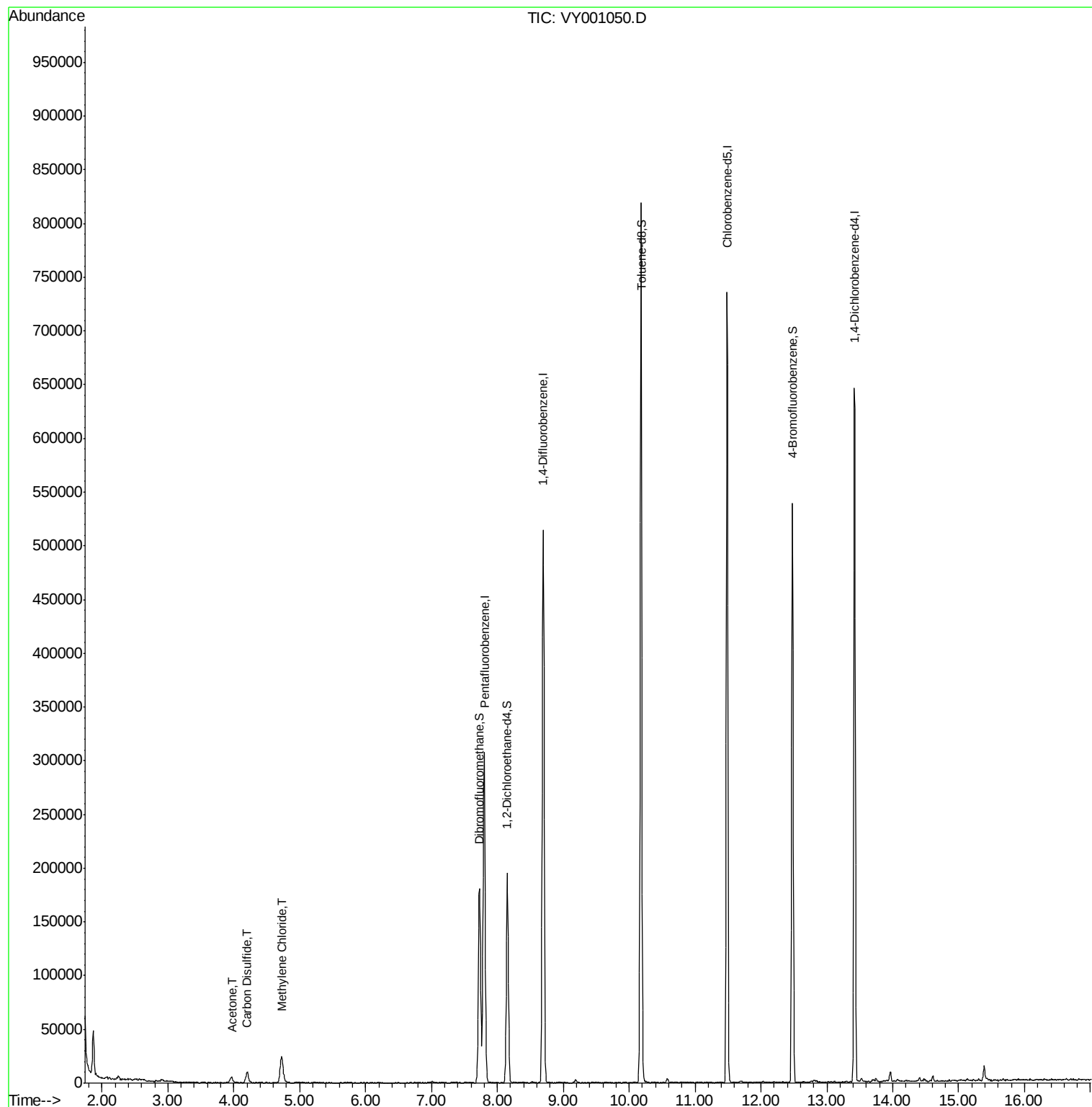
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	238418	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	452827	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	404156	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	165971	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	136892	58.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.44%	
35) Dibromofluoromethane	7.73	113	132351	49.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.26%	
50) Toluene-d8	10.18	98	533107	51.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.32%	
62) 4-Bromofluorobenzene	12.48	95	169559	44.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.00%	
Target Compounds						
16) Acetone	3.97	43	8834	16.307	ug/l #	86
17) Carbon Disulfide	4.20	76	20333	2.323	ug/l	99
20) Methylene Chloride	4.73	84	20304	6.368	ug/l	89

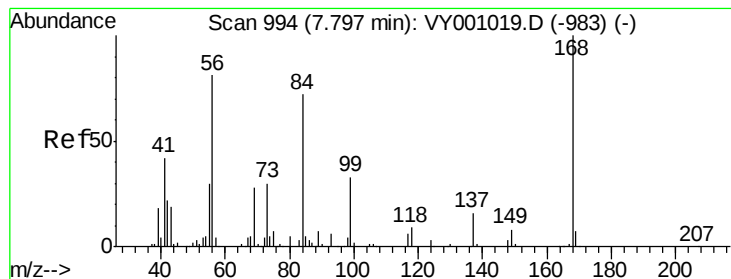
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY001050.D

Acq: 24 Dec 2019 16:01

Instrument :

MSVOA_Y

ClientSampleId :

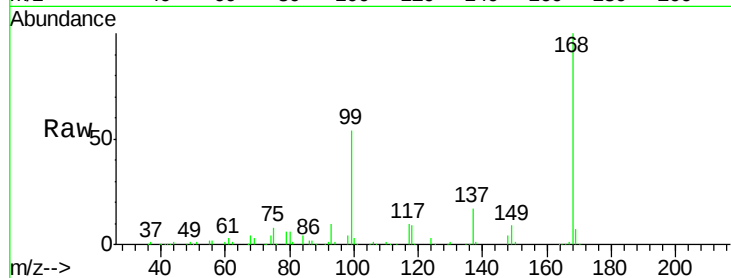
K005-AB-SB2

Tot Ion:168 Resp: 238418

Ion Ratio Lower Upper

168 100

99 54.3 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

100000

80000

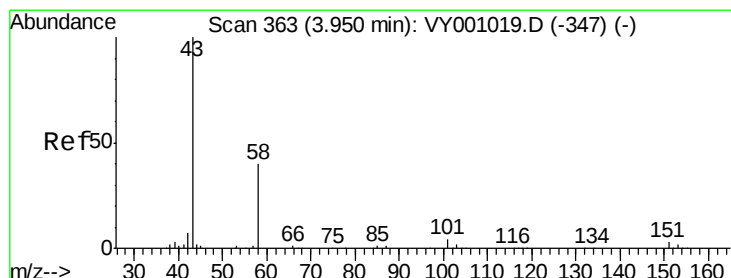
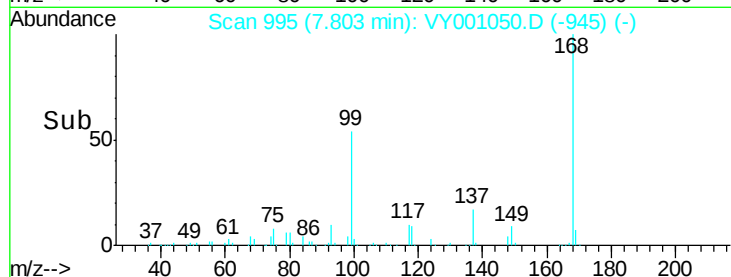
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 16.307 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.02 min

Lab File: VY001050.D

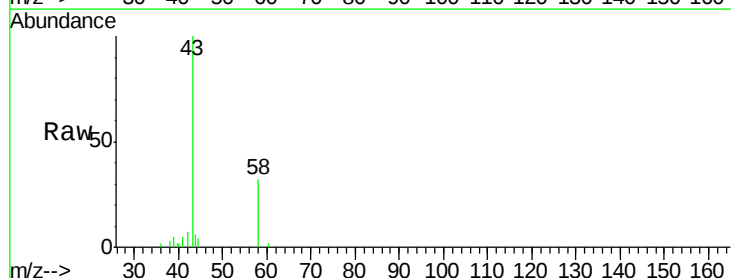
Acq: 24 Dec 2019 16:01

Tgt Ion: 43 Resp: 8834

Ion Ratio Lower Upper

43 100

58 31.6 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) (-)

3.97

4000

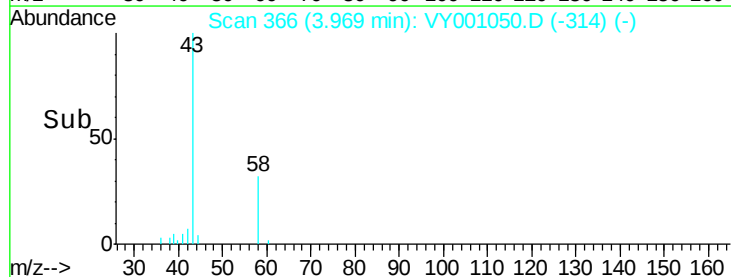
3000

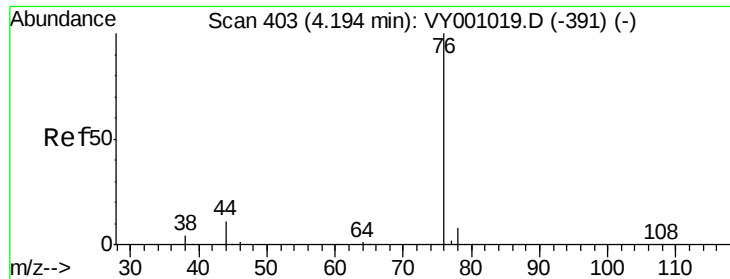
2000

1000

0

Time-->





#17

Carbon Disulfide

Concen: 2.323 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.01 min

Lab File: VY001050.D

Acq: 24 Dec 2019 16:01

Instrument :

MSVOA_Y

ClientSampleId :

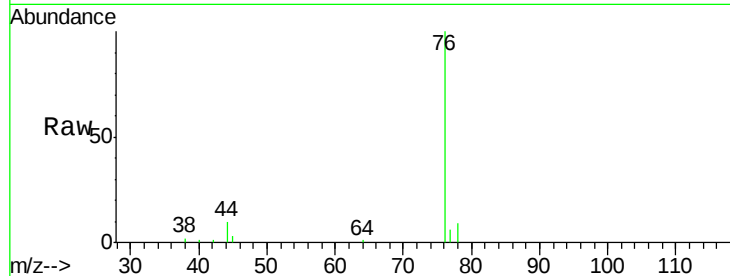
K005-AB-SB2

Tot Ion: 76 Resp: 20333

Ion Ratio Lower Upper

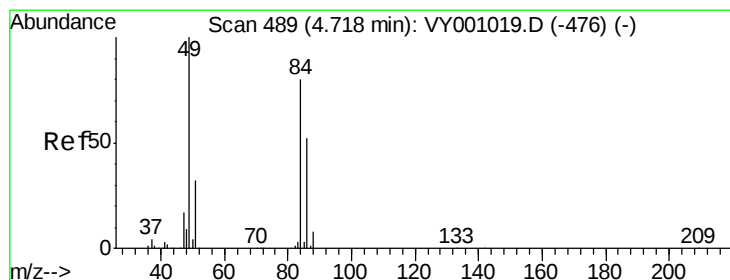
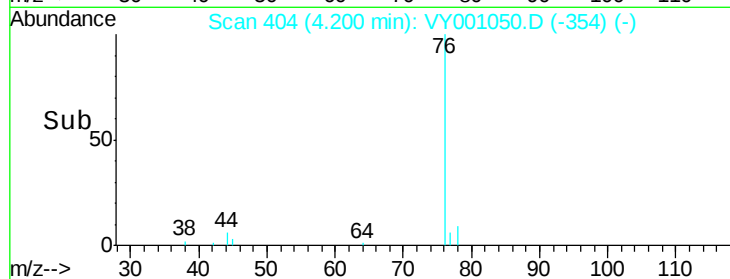
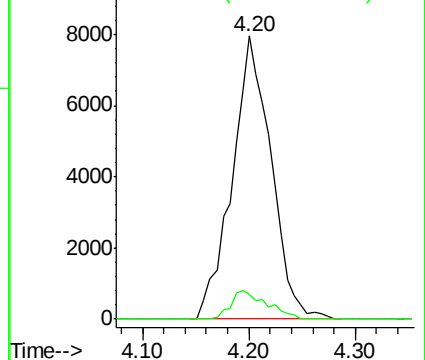
76 100

78 8.7 6.7 10.1



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#20

Methylene Chloride

Concen: 6.368 ug/l

RT: 4.73 min Scan# 491

Delta R.T. 0.01 min

Lab File: VY001050.D

Acq: 24 Dec 2019 16:01

Tgt Ion: 84 Resp: 20304

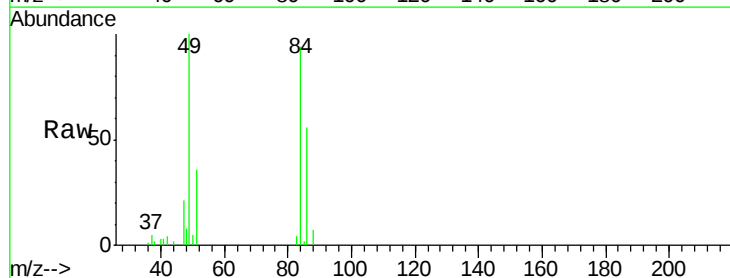
Ion Ratio Lower Upper

84 100

49 105.2 99.8 149.6

51 38.8 31.4 47.2

86 60.0 52.2 78.2

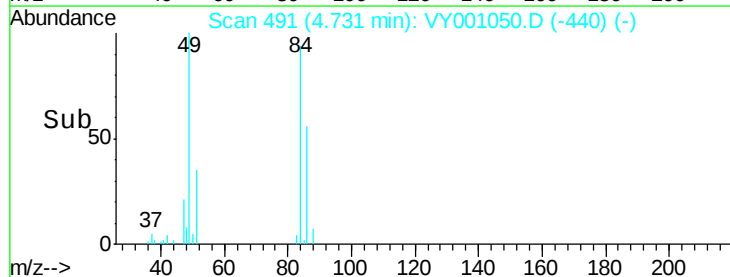
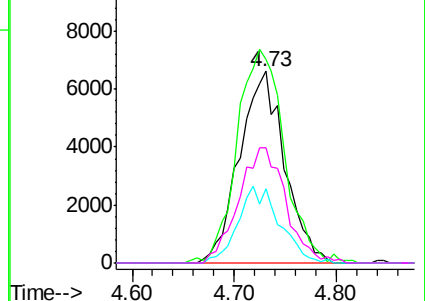


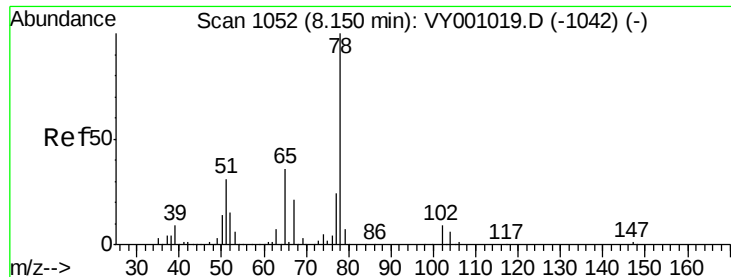
Abundance Ion 83.90 (83.60 to 84.60): VY0

Ion 48.90 (48.60 to 49.60): VY0

Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0





#33

1,2-Dichloroethane-d4

Concen: 58.216 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY001050.D

Acq: 24 Dec 2019 16:01

Instrument :

MSVOA_Y

ClientSampleId :

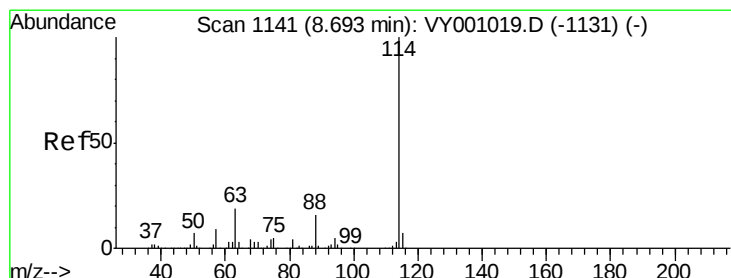
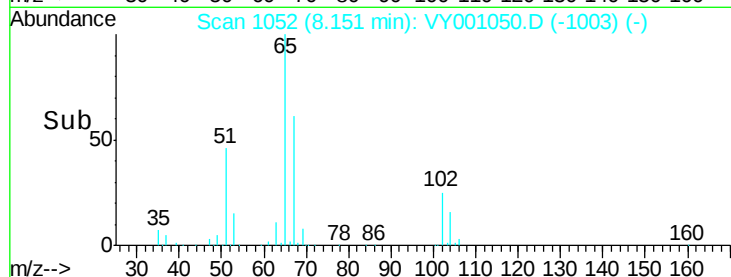
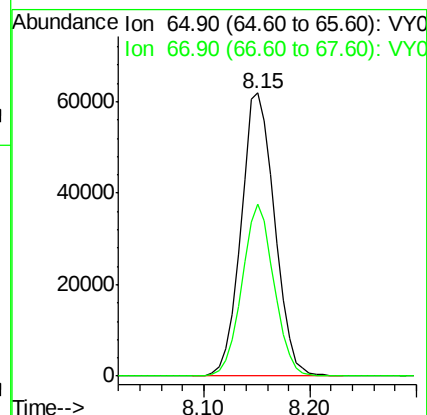
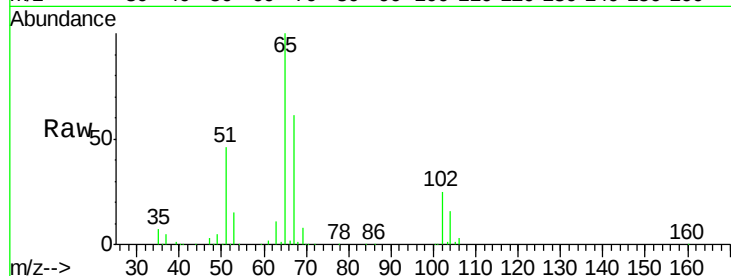
K005-AB-SB2

Tot Ion: 65 Resp: 136892

Ion Ratio Lower Upper

65 100

67 57.9 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: VY001050.D

Acq: 24 Dec 2019 16:01

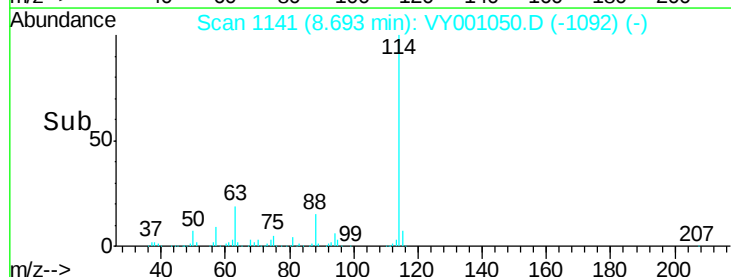
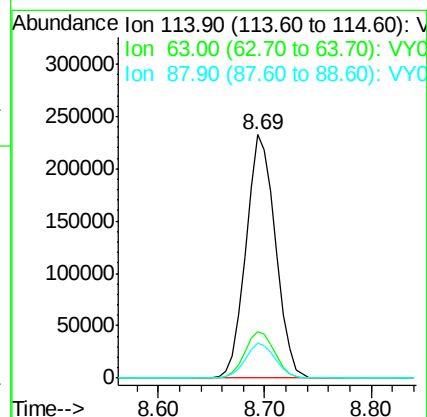
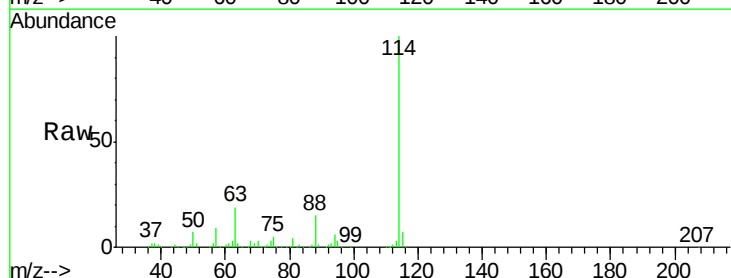
Tgt Ion: 114 Resp: 452827

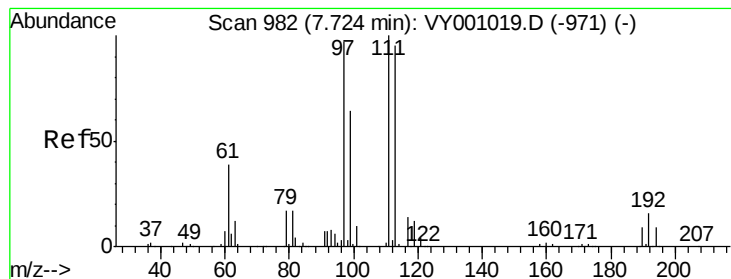
Ion Ratio Lower Upper

114 100

63 19.1 0.0 37.0

88 14.6 0.0 32.0





#35

Dibromofluoromethane

Concen: 49.635 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY001050.D

Acq: 24 Dec 2019 16:01

Instrument :

MSVOA_Y

ClientSampleId :

K005-AB-SB2

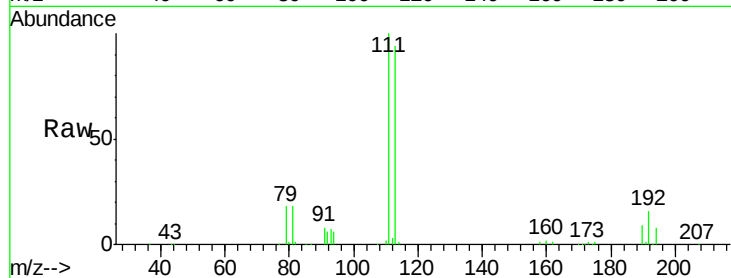
Tot Ion:113 Resp: 132351

Ion Ratio Lower Upper

113 100

111 105.5 83.0 124.4

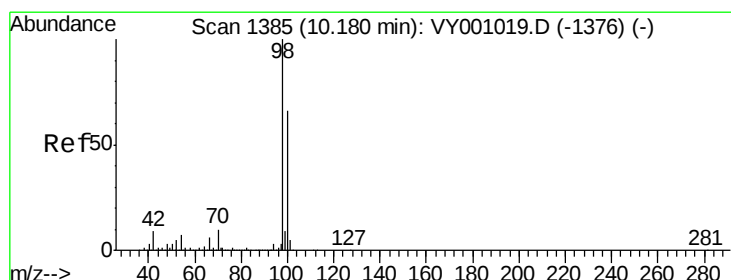
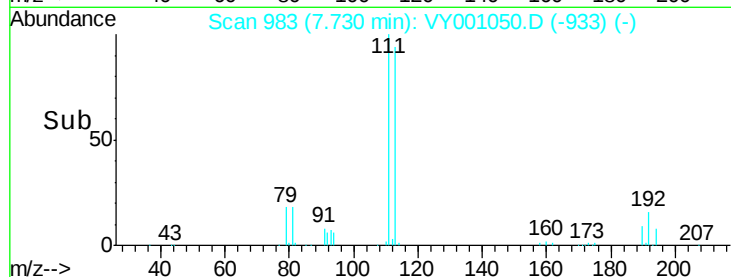
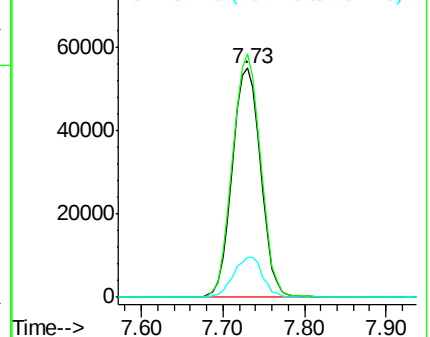
192 17.9 14.6 21.8



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: 51.159 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY001050.D

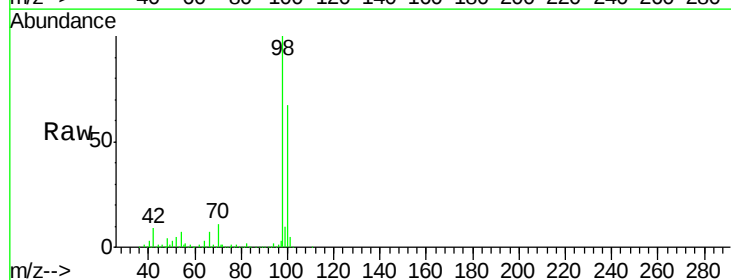
Acq: 24 Dec 2019 16:01

Tgt Ion: 98 Resp: 533107

Ion Ratio Lower Upper

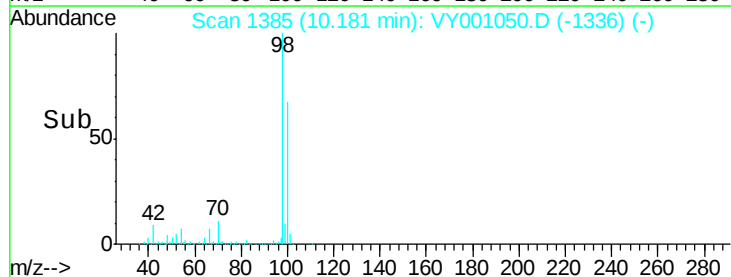
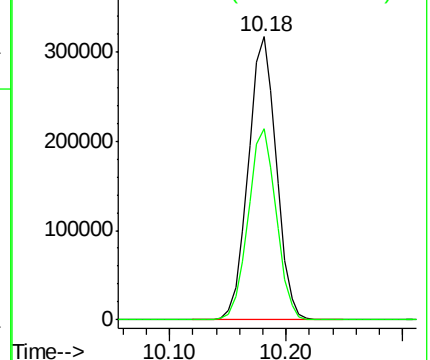
98 100

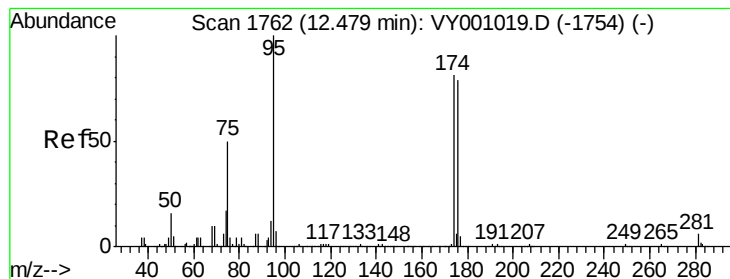
100 67.4 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 44.504 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY001050.D

Acq: 24 Dec 2019 16:01

Instrument :

MSVOA_Y

ClientSampled :

K005-AB-SB2

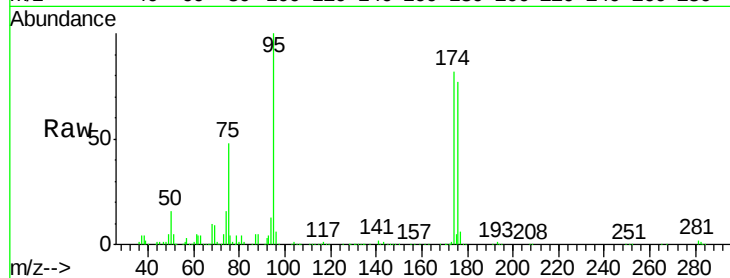
Tot Ion: 95 Resp: 169559

Ion Ratio Lower Upper

95 100

174 78.6 0.0 156.4

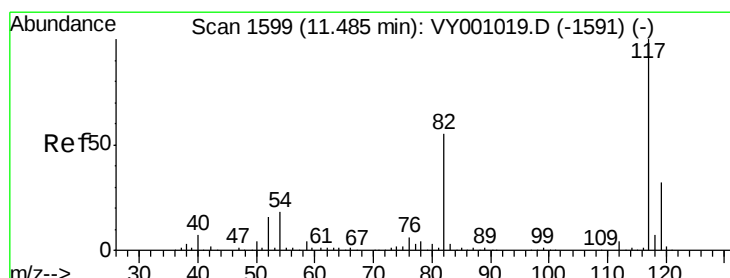
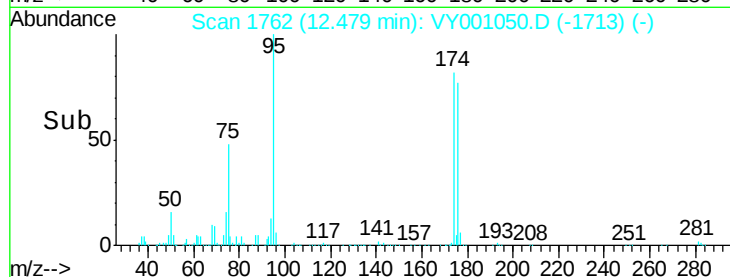
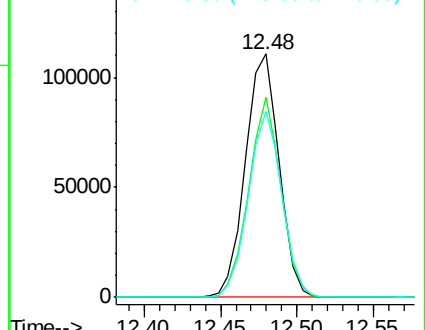
176 76.0 0.0 155.0



Abundance Ion 94.90 (94.60 to 95.60): VY001019.D (-1754) (-)

Ion 173.80 (173.50 to 174.50): VY001019.D (-1754) (-)

Ion 175.80 (175.50 to 176.50): VY001019.D (-1754) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VY001050.D

Acq: 24 Dec 2019 16:01

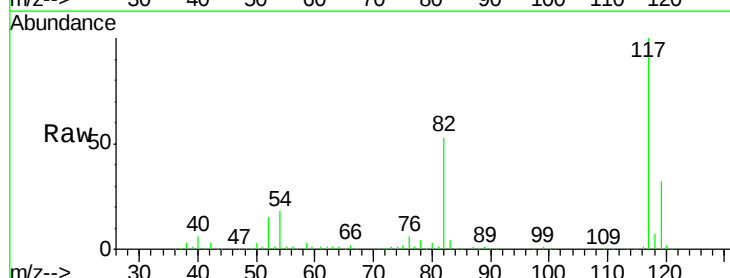
Tgt Ion: 117 Resp: 404156

Ion Ratio Lower Upper

117 100

82 53.1 43.8 65.8

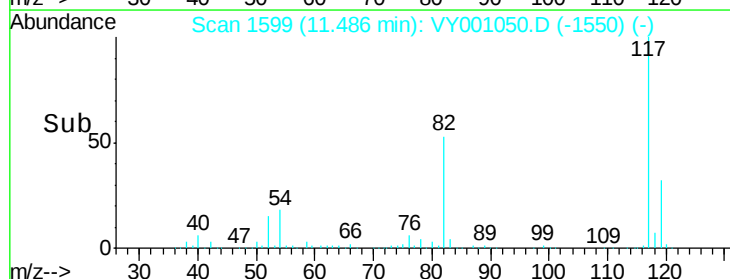
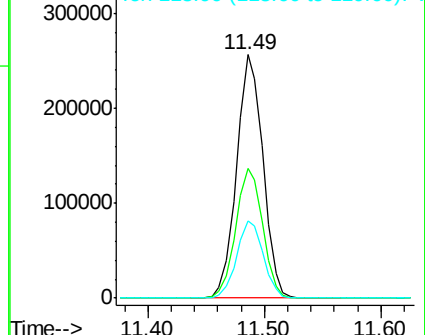
119 31.7 25.8 38.6

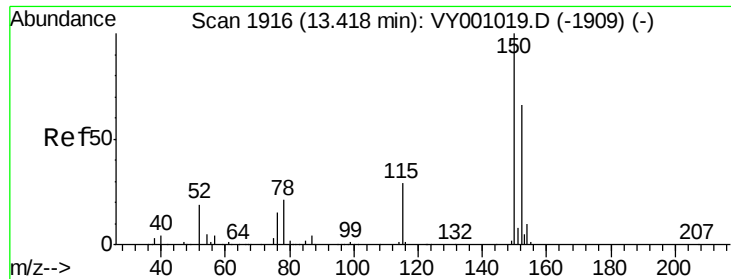


Abundance Ion 116.90 (116.60 to 117.60): VY001019.D (-1591) (-)

Ion 82.00 (81.70 to 82.70): VY001019.D (-1591) (-)

Ion 118.90 (118.60 to 119.60): VY001019.D (-1591) (-)



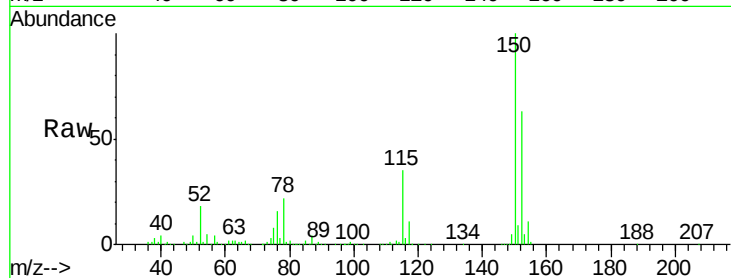


#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.42 min Scan# 1917
 Delta R.T. 0.01 min
 Lab File: VY001050.D
 Acq: 24 Dec 2019 16:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 K005-AB-SB2

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.9	29.8	89.3
150	157.4	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

