

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012920\
 Data File : VY001418.D
 Acq On : 29 Jan 2020 14:53
 Operator : SY/MD
 Sample : L1307-02
 Misc : 5.60G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-NORTH-SIDE

Quant Time: Jan 29 15:31:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

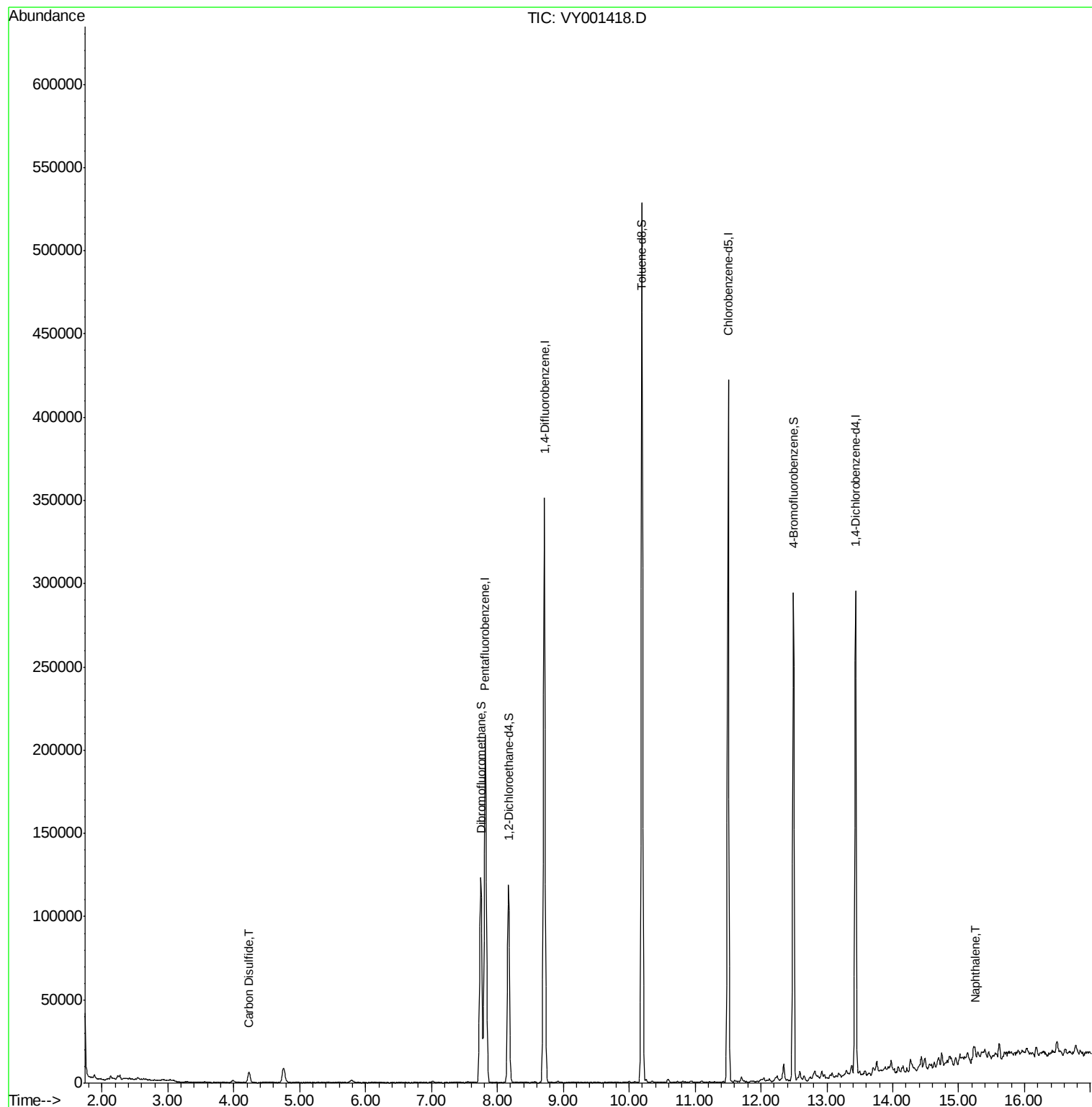
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	164790	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	299509	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	235187	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	69151	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	86469	48.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.44%	
35) Dibromofluoromethane	7.75	113	87525	49.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.58%	
50) Toluene-d8	10.19	98	344000	50.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.74%	
62) 4-Bromofluorobenzene	12.49	95	93680	34.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.88%	
Target Compounds						
17) Carbon Disulfide	4.23	76	12478	2.268	ug/l #	94
95) Naphthalene	15.25	128	4602	1.397	ug/l #	91

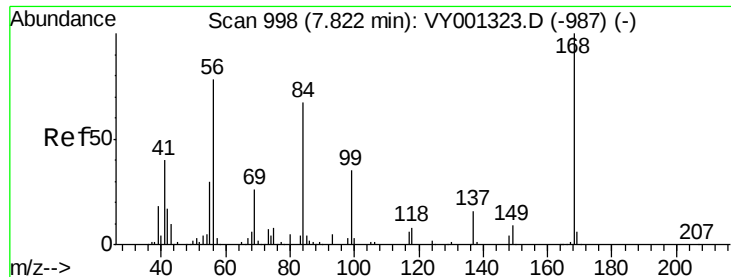
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. -0.00 min

Lab File: VY001418.D

Acq: 29 Jan 2020 14:53

Instrument :

MSVOA_Y

ClientSampleId :

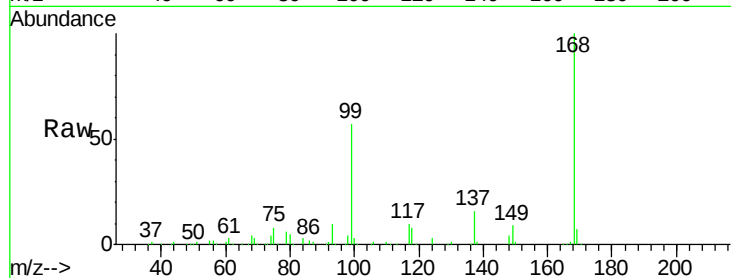
SP-NORTH-SIDE

Tot Ion:168 Resp: 164790

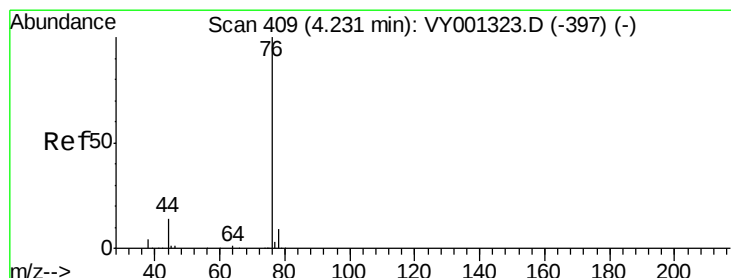
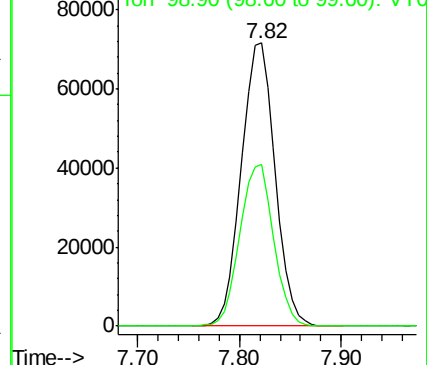
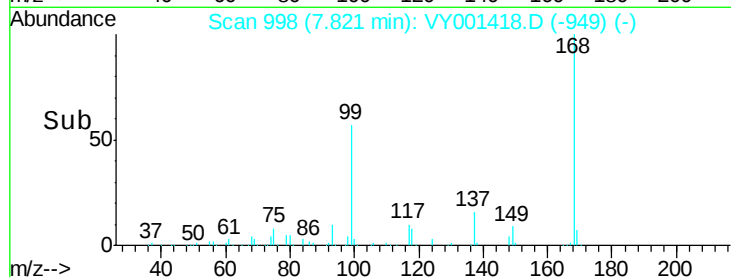
Ion Ratio Lower Upper

168 100

99 57.2 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY001418.D (-949) (-)



#17

Carbon Disulfide

Concen: 2.268 ug/l

RT: 4.23 min Scan# 409

Delta R.T. -0.00 min

Lab File: VY001418.D

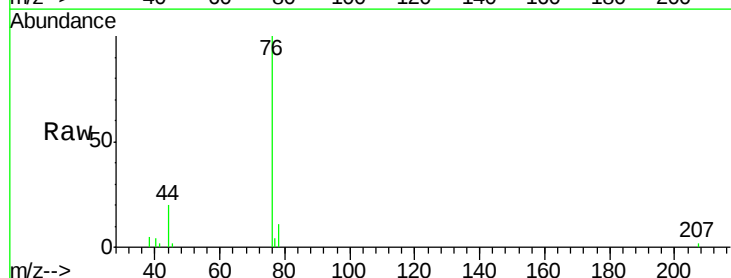
Acq: 29 Jan 2020 14:53

Tgt Ion: 76 Resp: 12478

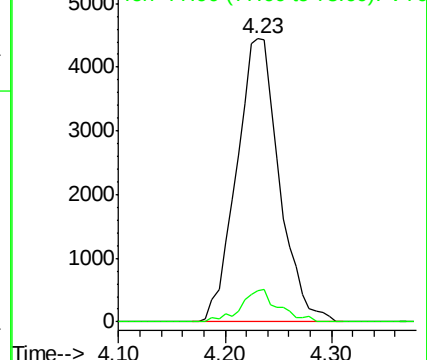
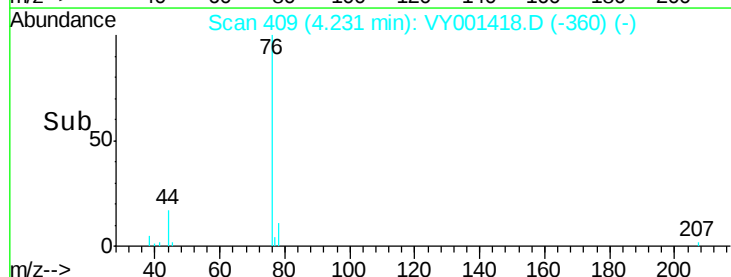
Ion Ratio Lower Upper

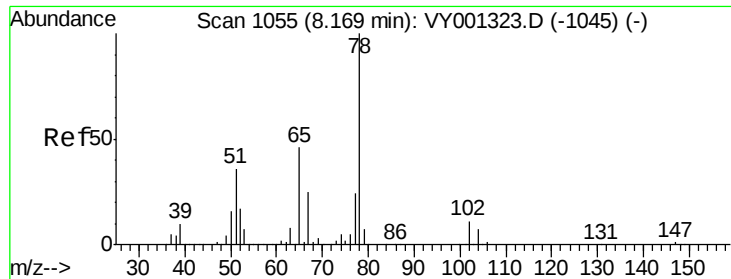
76 100

78 11.0 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VY001418.D (-360) (-)





#33

1,2-Dichloroethane-d4

Concen: 48.222 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. -0.00 min

Lab File: VY001418.D

Acq: 29 Jan 2020 14:53

Instrument :

MSVOA_Y

ClientSampleId :

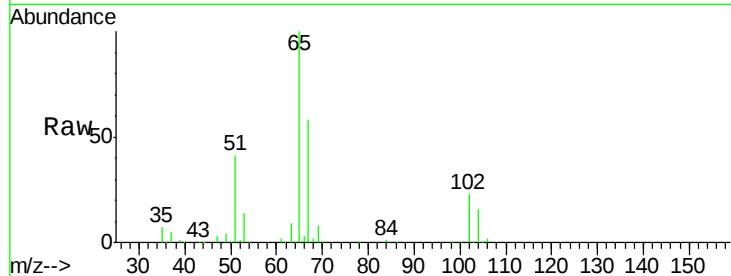
SP-NORTH-SIDE

Tot Ion: 65 Resp: 86469

Ion Ratio Lower Upper

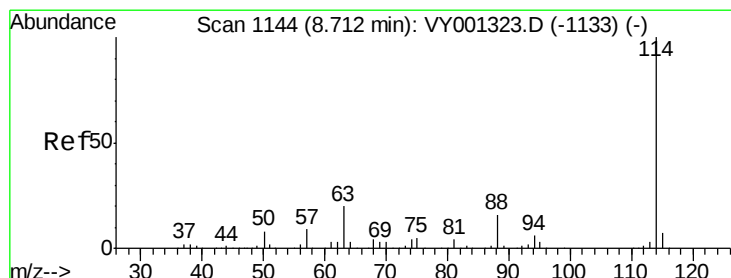
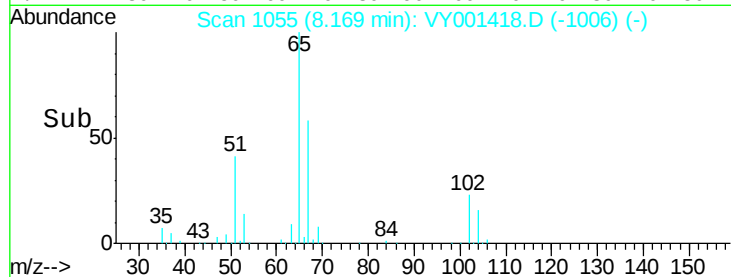
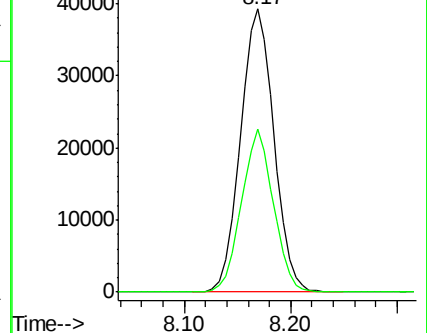
65 100

67 54.9 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY001418.D (-1045) (-)

Ion 66.90 (66.60 to 67.60): VY001418.D (-1045) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. -0.00 min

Lab File: VY001418.D

Acq: 29 Jan 2020 14:53

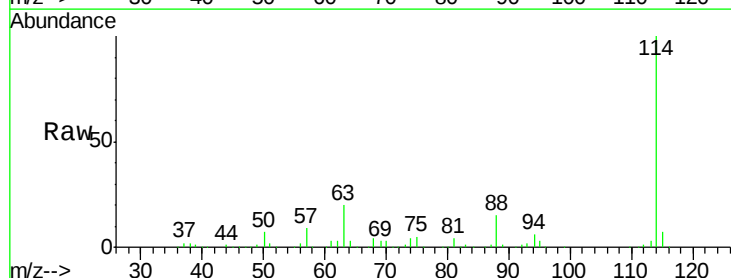
Tgt Ion: 114 Resp: 299509

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.8

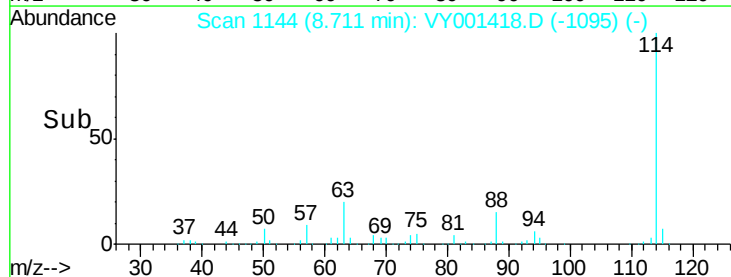
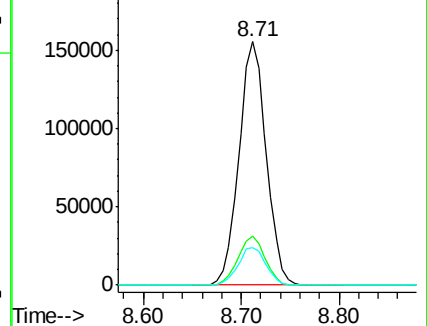
88 15.4 0.0 31.0

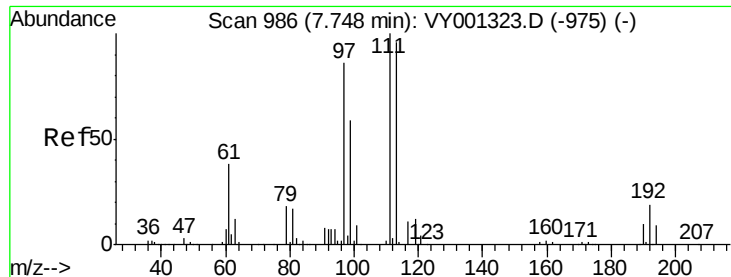


Abundance Ion 113.90 (113.60 to 114.60): VY001418.D (-1095) (-)

Ion 63.00 (62.70 to 63.70): VY001418.D (-1095) (-)

Ion 87.90 (87.60 to 88.60): VY001418.D (-1095) (-)

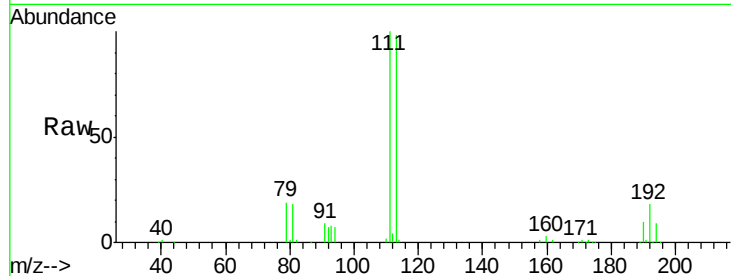




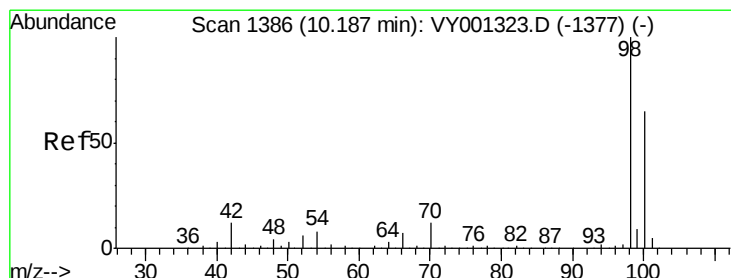
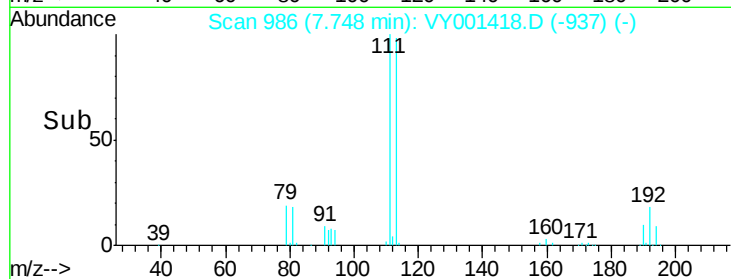
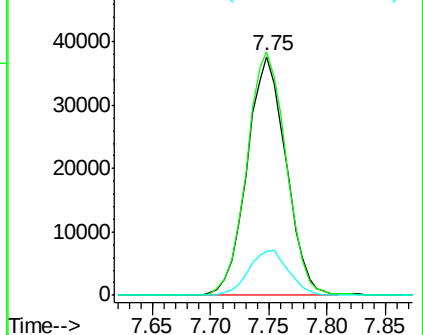
#35
 Dibromofluoromethane
 Concen: 49.791 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. -0.00 min
 Lab File: VY001418.D
 Acq: 29 Jan 2020 14:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-NORTH-SIDE

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.8	124.2
192	19.2	15.5	23.3

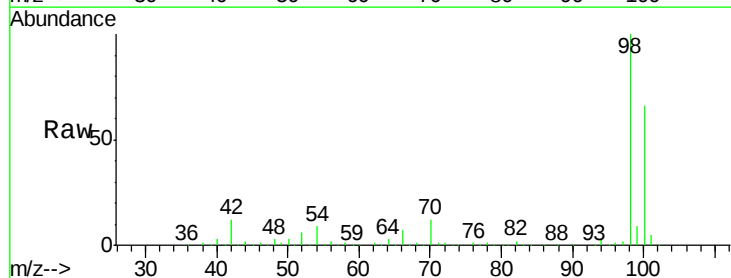


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

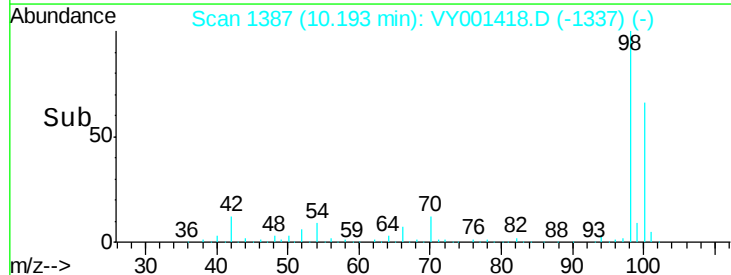
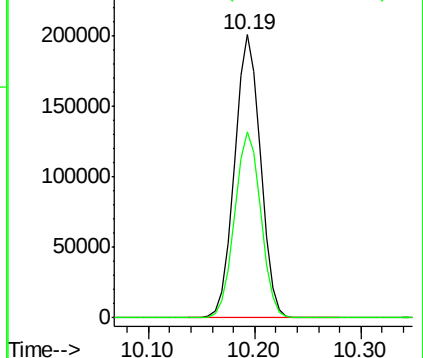


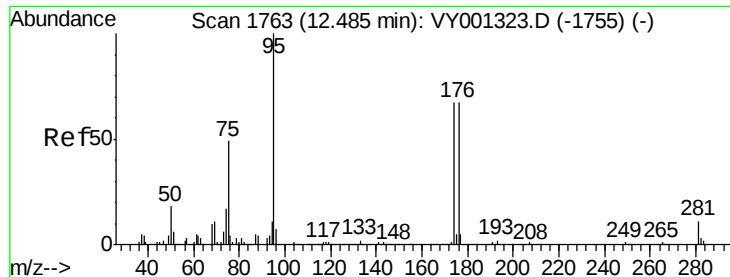
#50
 Toluene-d8
 Concen: 50.369 ug/l
 RT: 10.19 min Scan# 1387
 Delta R.T. 0.01 min
 Lab File: VY001418.D
 Acq: 29 Jan 2020 14:53

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.6	79.0



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





#62

4-Bromofluorobenzene

Concen: 34.444 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY001418.D

Acq: 29 Jan 2020 14:53

Instrument :

MSVOA_Y

ClientSampleId :

SP-NORTH-SIDE

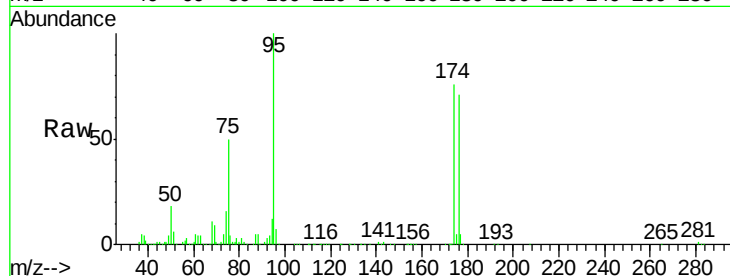
Tot Ion: 95 Resp: 93680

Ion Ratio Lower Upper

95 100

174 74.8 0.0 142.0

176 71.9 0.0 138.6

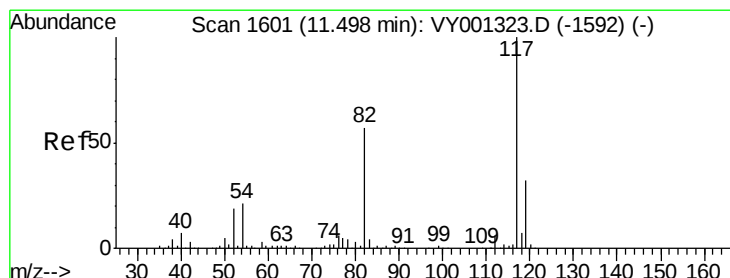
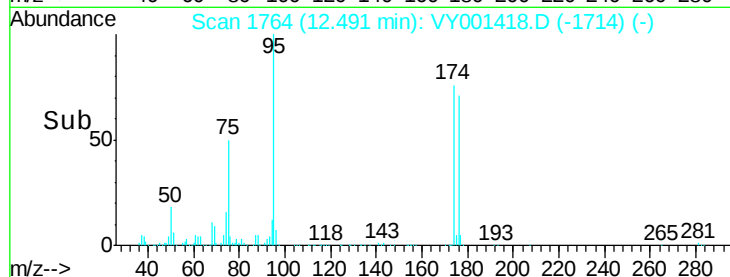


Abundance Ion 94.90 (94.60 to 95.60): VY001323.D (-1755) (-)

Ion 173.80 (173.50 to 174.50): VY001323.D (-1755) (-)

Ion 175.80 (175.50 to 176.50): VY001323.D (-1755) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1602

Delta R.T. 0.01 min

Lab File: VY001418.D

Acq: 29 Jan 2020 14:53

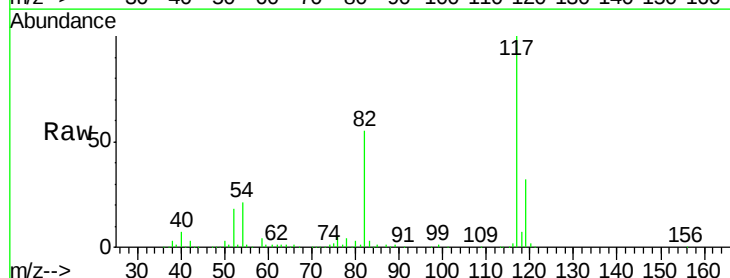
Tgt Ion: 117 Resp: 235187

Ion Ratio Lower Upper

117 100

82 55.2 45.5 68.3

119 31.7 25.8 38.6

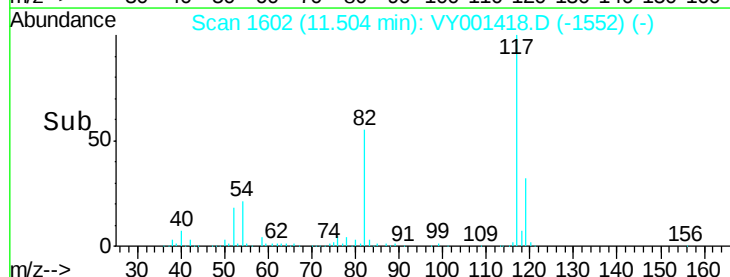


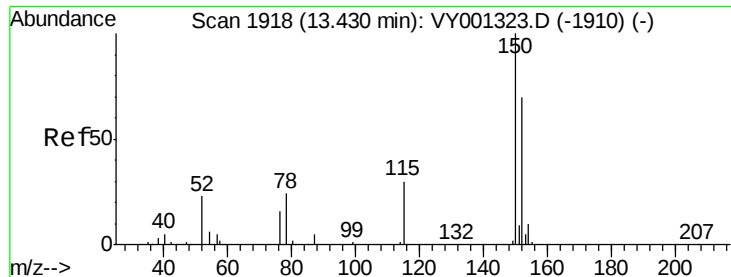
Abundance Ion 116.90 (116.60 to 117.60): VY001323.D (-1592) (-)

Ion 82.00 (81.70 to 82.70): VY001323.D (-1592) (-)

Ion 118.90 (118.60 to 119.60): VY001323.D (-1592) (-)

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY001418.D

Acq: 29 Jan 2020 14:53

Instrument :

MSVOA_Y

ClientSampleId :

SP-NORTH-SIDE

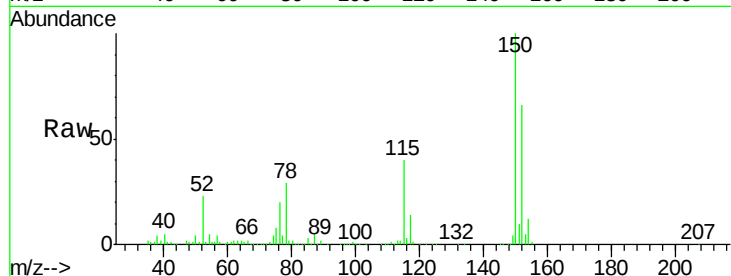
Tot Ion:152 Resp: 69151

Ion Ratio Lower Upper

152 100

115 61.7 30.9 92.8

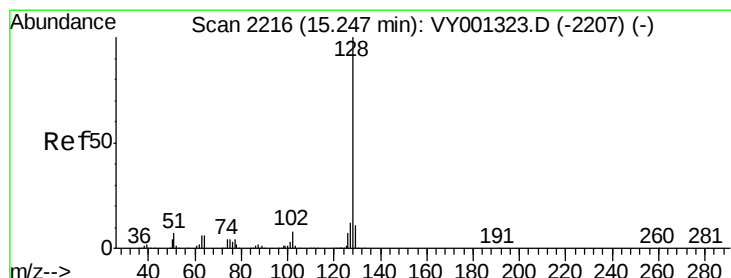
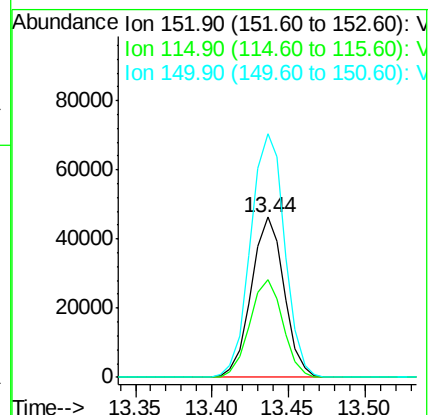
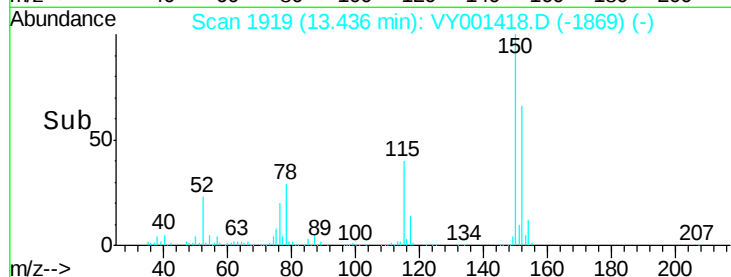
150 158.1 0.0 349.2



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: 1.397 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. -0.00 min

Lab File: VY001418.D

Acq: 29 Jan 2020 14:53

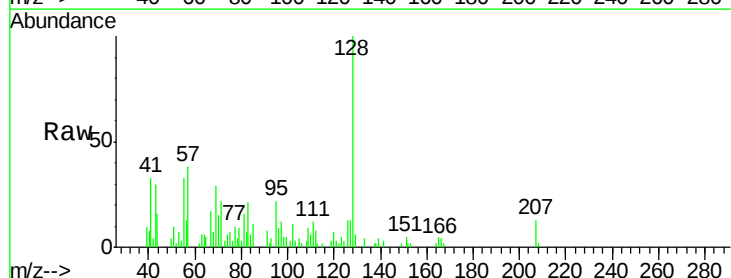
Tgt Ion:128 Resp: 4602

Ion Ratio Lower Upper

128 100

127 13.6 10.2 15.2

129 17.3 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

