

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012920\
 Data File : VY001417.D
 Acq On : 29 Jan 2020 12:42
 Operator : SY/MD
 Sample : L1013-07
 Misc : 5.94G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PL-05-012820

Quant Time: Jan 29 15:30:02 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

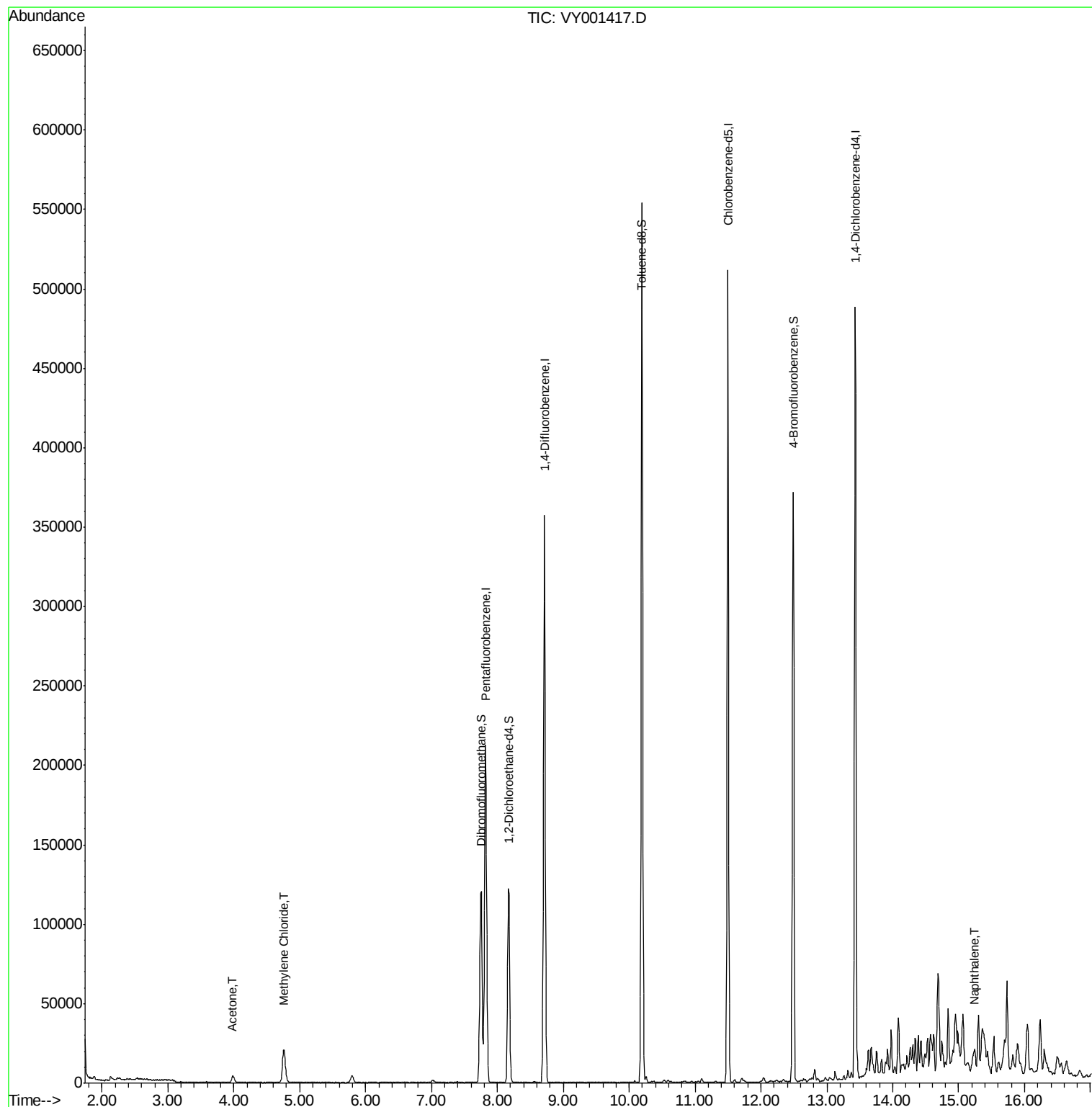
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	162694	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	300666	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	270882	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	116702	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	93587	52.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.72%	
35) Dibromofluoromethane	7.75	113	88490	50.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.30%	
50) Toluene-d8	10.19	98	359113	52.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.76%	
62) 4-Bromofluorobenzene	12.49	95	126378	46.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.58%	
Target Compounds						
16) Acetone	3.99	43	7469	8.699	ug/l	94
20) Methylene Chloride	4.75	84	16252	3.492	ug/l	97
95) Naphthalene	15.25	128	6246	1.123	ug/l #	94

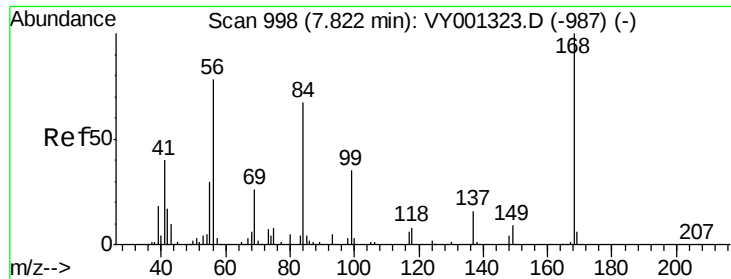
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. -0.00 min

Lab File: VY001417.D

Acq: 29 Jan 2020 12:42

Instrument :

MSVOA_Y

ClientSampleId :

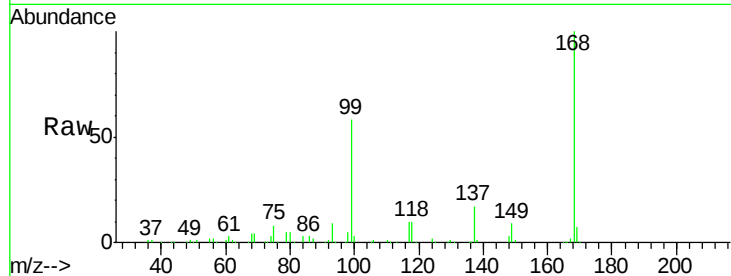
PL-05-012820

Tot Ion:168 Resp: 162694

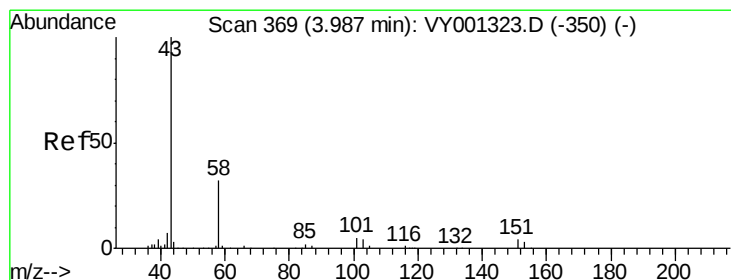
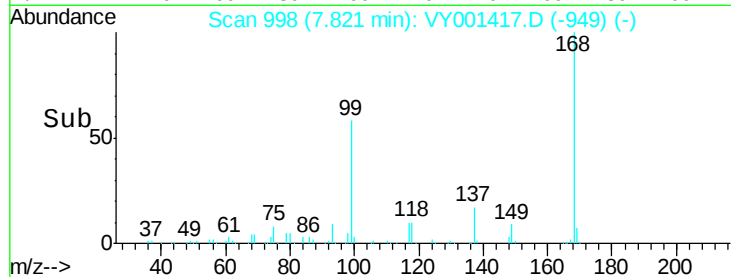
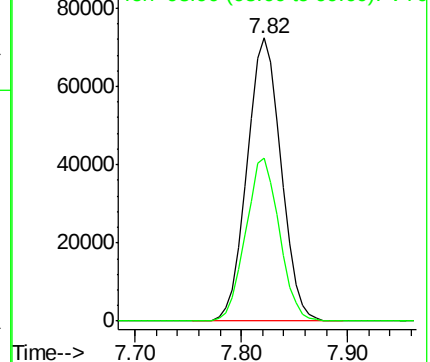
Ion Ratio Lower Upper

168 100

99 57.5 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY001417.D (-949) (-)



#16

Acetone

Concen: 8.699 ug/l

RT: 3.99 min Scan# 369

Delta R.T. -0.00 min

Lab File: VY001417.D

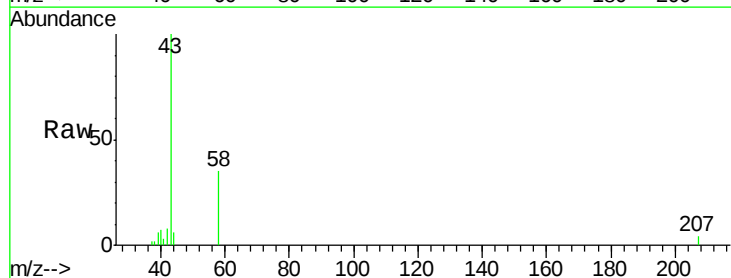
Acq: 29 Jan 2020 12:42

Tgt Ion: 43 Resp: 7469

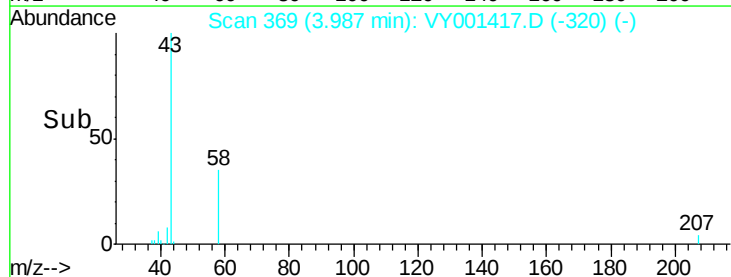
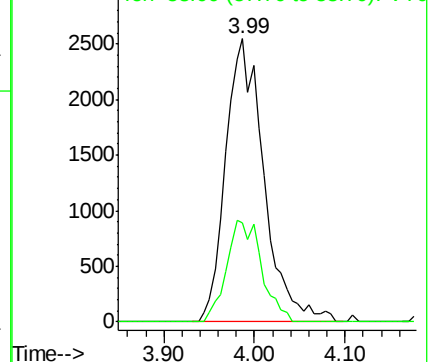
Ion Ratio Lower Upper

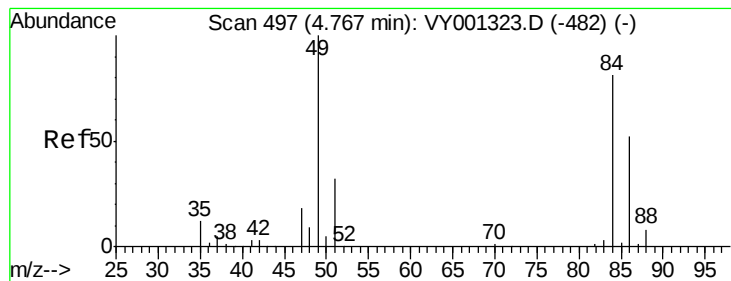
43 100

58 35.0 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VY001417.D (-320) (-)





#20

Methvlene Chloride

Concen: 3.492 ug/l

RT: 4.75 min Scan# 495

Delta R.T. -0.01 min

Lab File: VY001417.D

Acq: 29 Jan 2020 12:42

Instrument :

MSVOA_Y

ClientSampleId :

PL-05-012820

Tot Ion: 84 Resp: 16252

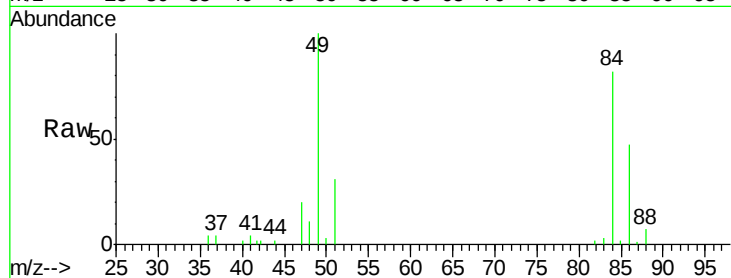
Ion Ratio Lower Upper

84 100

49 122.4 98.3 147.5

51 37.5 31.6 47.4

86 57.3 51.1 76.7

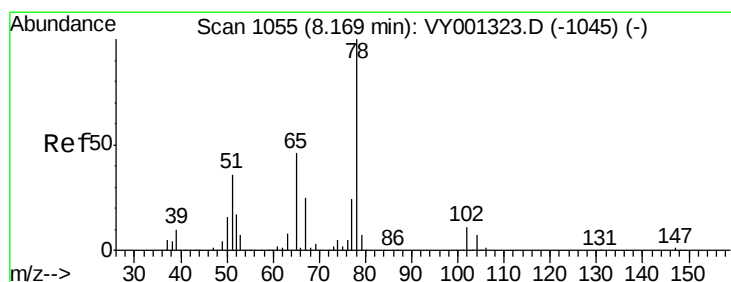
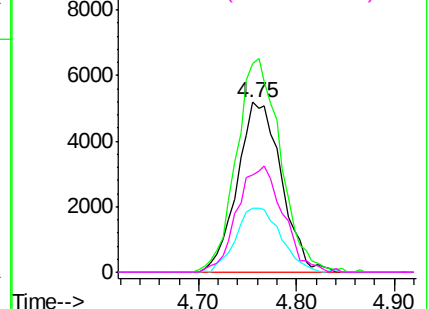
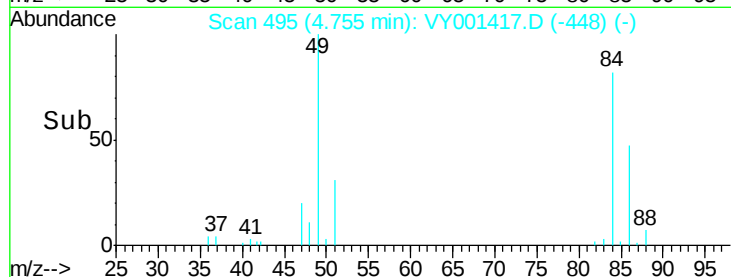


Abundance Ion 83.90 (83.60 to 84.60): VY0

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: 52.864 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. -0.00 min

Lab File: VY001417.D

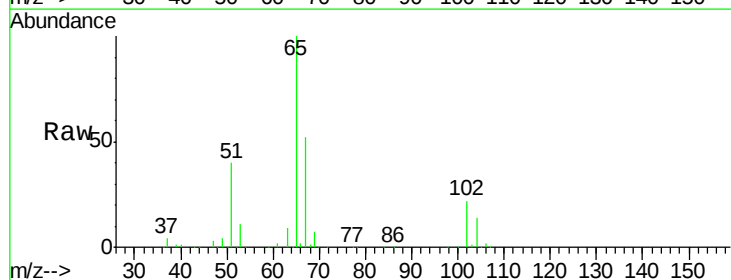
Acq: 29 Jan 2020 12:42

Tgt Ion: 65 Resp: 93587

Ion Ratio Lower Upper

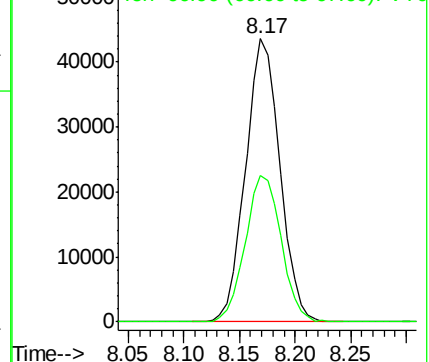
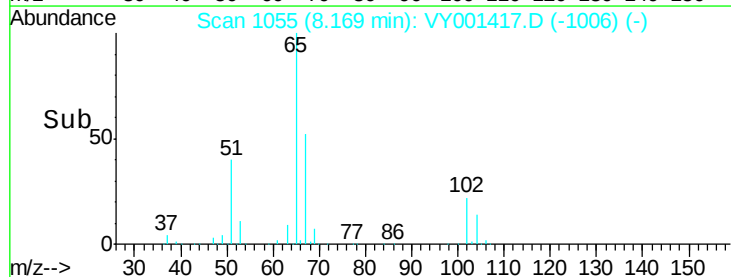
65 100

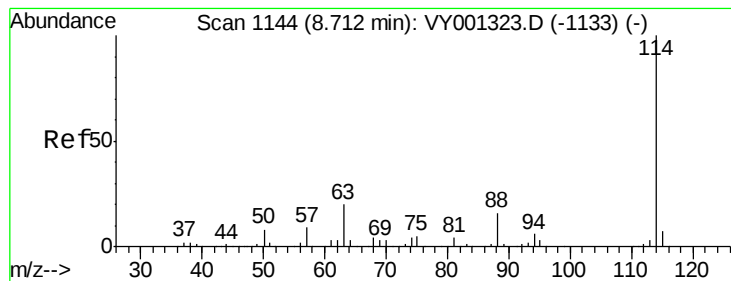
67 53.9 0.0 108.6



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: 8.71 min Scan# 1144

Delta R.T. -0.00 min

Lab File: VY001417.D

Acq: 29 Jan 2020 12:42

Instrument :

MSVOA_Y

ClientSampleId :

PL-05-012820

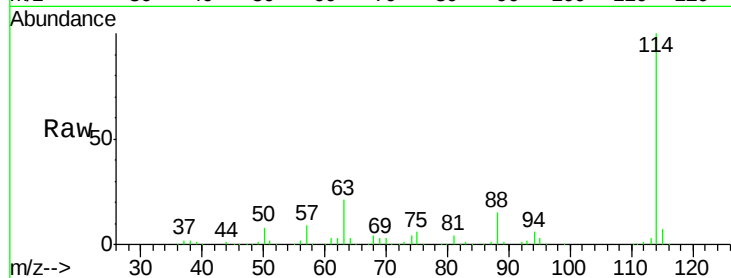
Tot Ion:114 Resp: 300666

Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.8

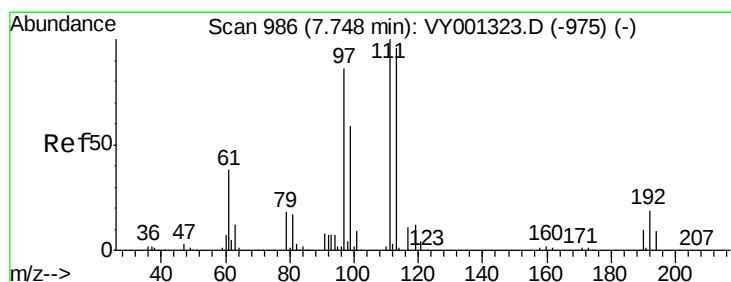
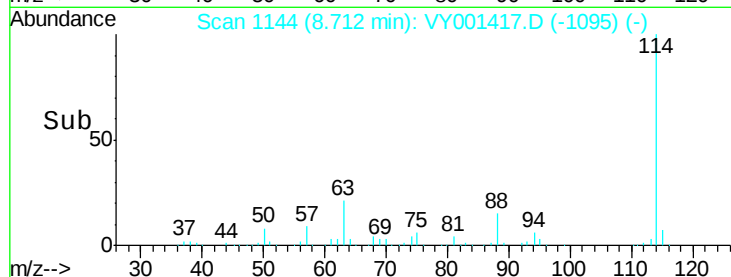
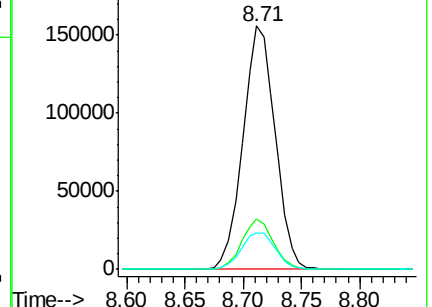
88 15.0 0.0 31.0



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: 50.146 ug/l

RT: 7.75 min Scan# 987

Delta R.T. 0.01 min

Lab File: VY001417.D

Acq: 29 Jan 2020 12:42

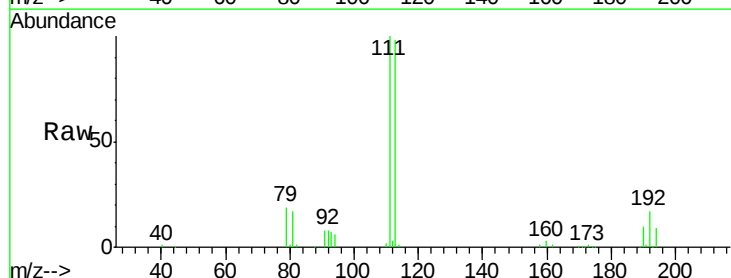
Tgt Ion:113 Resp: 88490

Ion Ratio Lower Upper

113 100

111 104.2 82.8 124.2

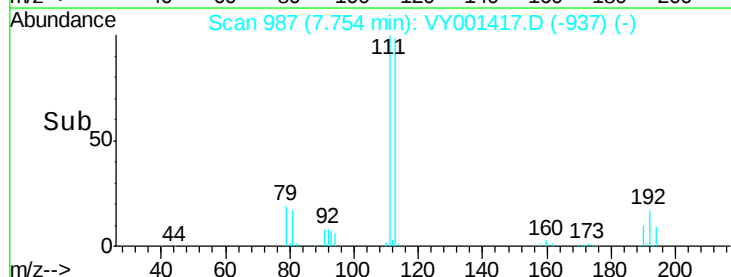
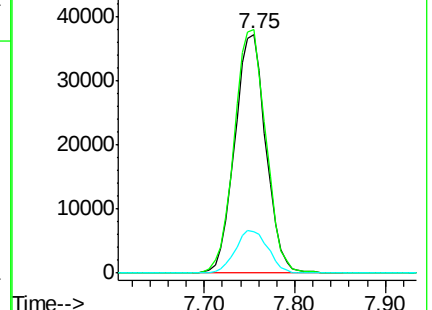
192 18.7 15.5 23.3

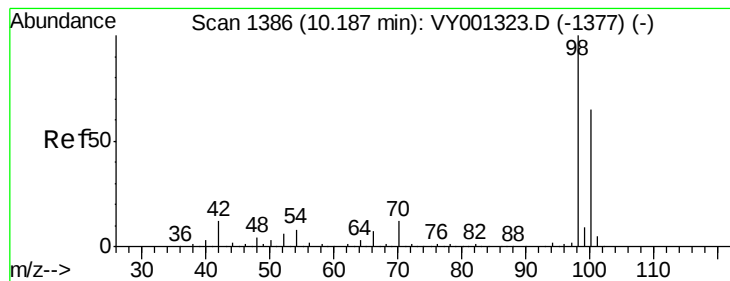


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.379 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY001417.D

Acq: 29 Jan 2020 12:42

Instrument :

MSVOA_Y

ClientSampleId :

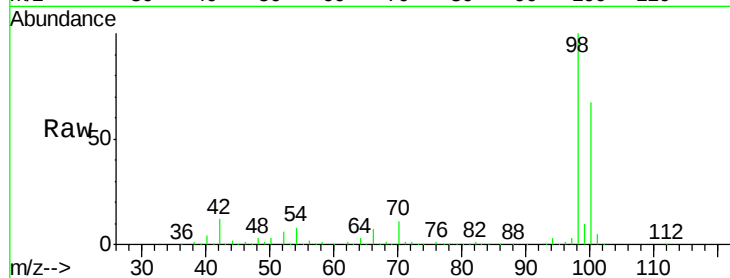
PL-05-012820

Tot Ion: 98 Resp: 359113

Ion Ratio Lower Upper

98 100

100 66.0 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VY001323.D (-1377) (-)

Ion 100.00 (99.70 to 100.70): VY001323.D (-1377) (-)

250000

200000

150000

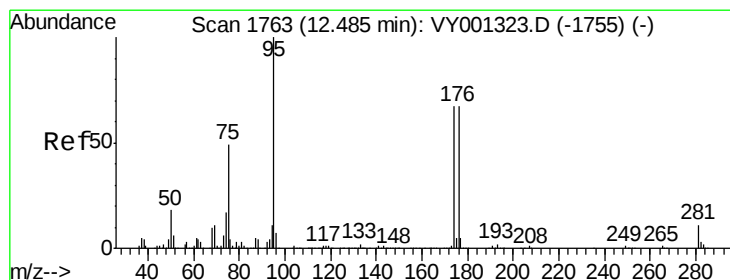
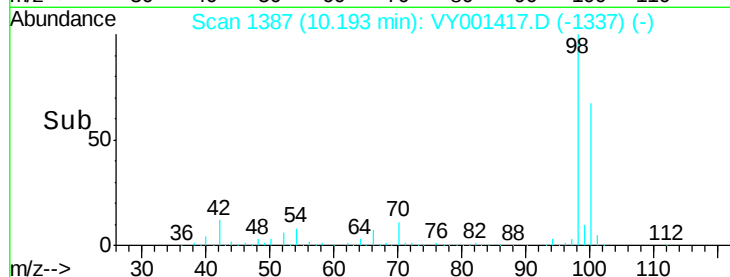
100000

50000

0

10.10 10.20 10.30

Time-->



#62

4-Bromofluorobenzene

Concen: 46.287 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VY001417.D

Acq: 29 Jan 2020 12:42

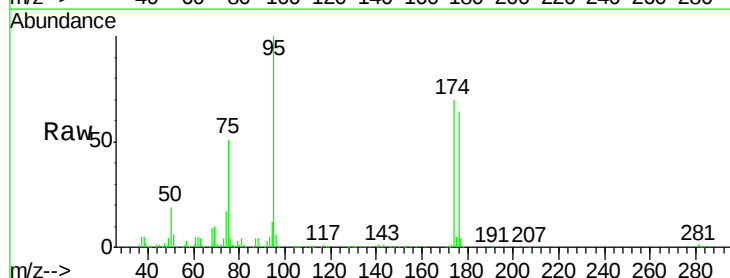
Tgt Ion: 95 Resp: 126378

Ion Ratio Lower Upper

95 100

174 73.8 0.0 142.0

176 70.8 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) (-)

100000

80000

60000

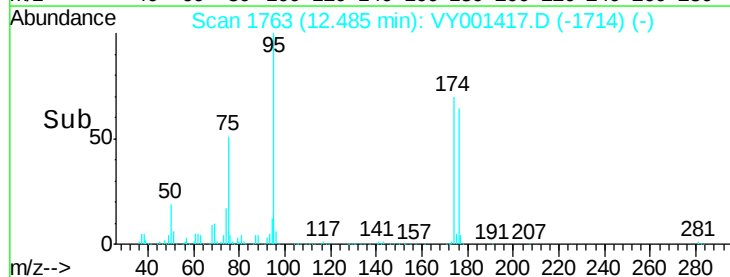
40000

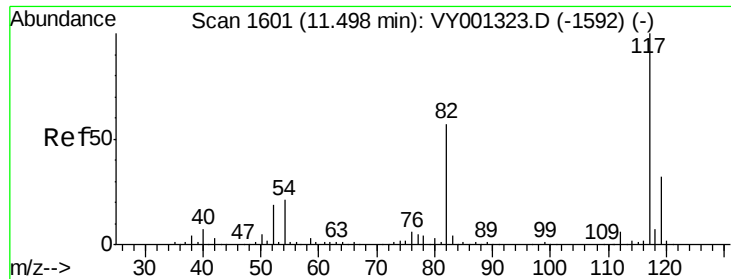
20000

0

12.40 12.45 12.50 12.55

Time-->

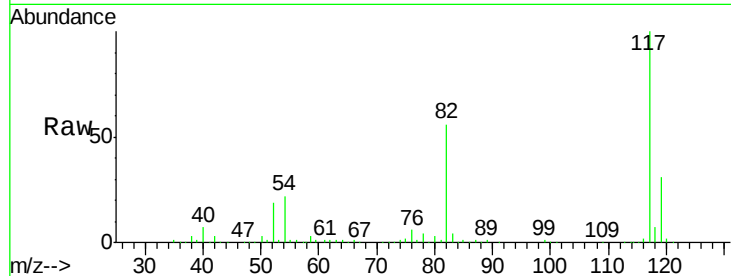




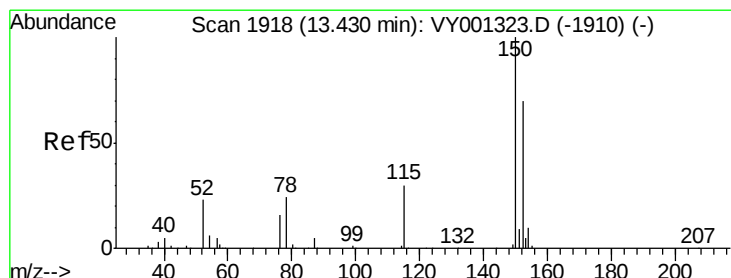
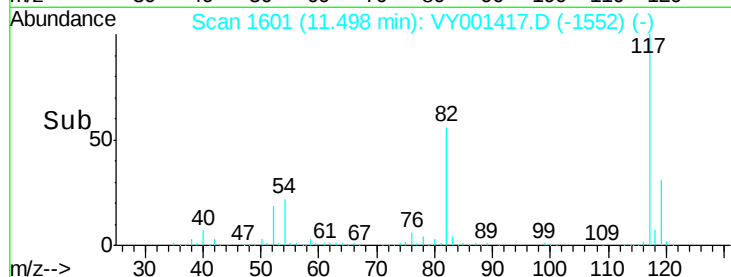
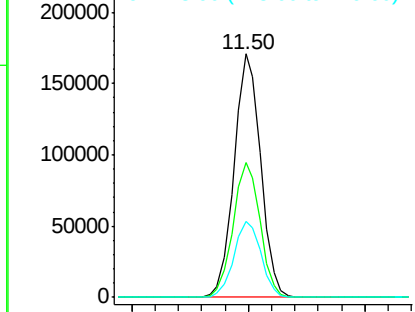
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY001417.D
Acq: 29 Jan 2020 12:42

Instrument :
MSVOA_Y
ClientSampleId :
PL-05-012820

Tot Ion:117 Resp: 270882
Ion Ratio Lower Upper
117 100
82 55.5 45.5 68.3
119 31.2 25.8 38.6

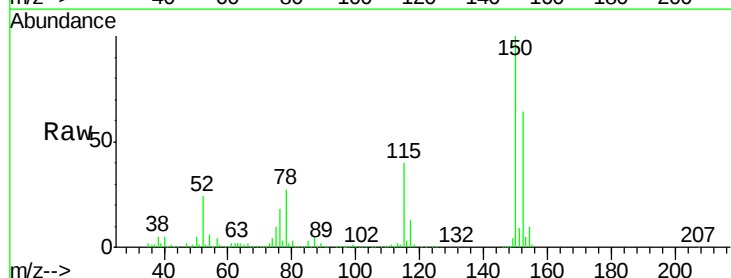


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

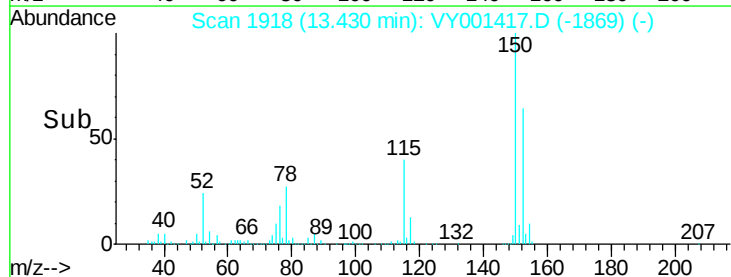
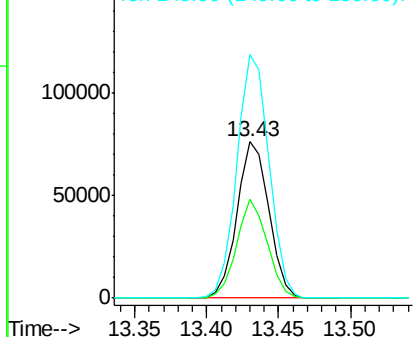


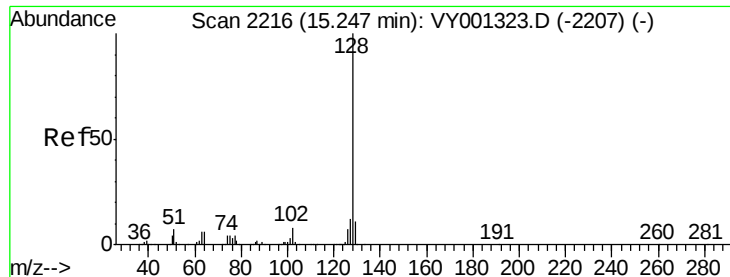
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VY001417.D
Acq: 29 Jan 2020 12:42

Tgt Ion:152 Resp: 116702
Ion Ratio Lower Upper
152 100
115 60.9 30.9 92.8
150 157.8 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: 1.123 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. -0.00 min

Lab File: VY001417.D

Acq: 29 Jan 2020 12:42

Instrument :

MSVOA_Y

ClientSampleId :

PL-05-012820

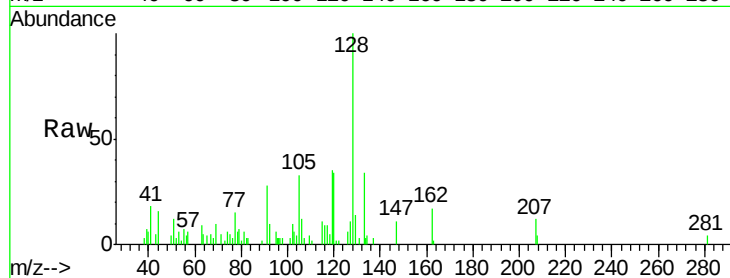
Tot Ion:128 Resp: 6246

Ion Ratio Lower Upper

128 100

127 14.6 10.2 15.2

129 13.4 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

