

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040320\
 Data File : VY002217.D
 Acq On : 03 Apr 2020 14:06
 Operator : SY/MD
 Sample : L2117-01
 Misc : 6.64G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-03-040220

Quant Time: Apr 04 01:03:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

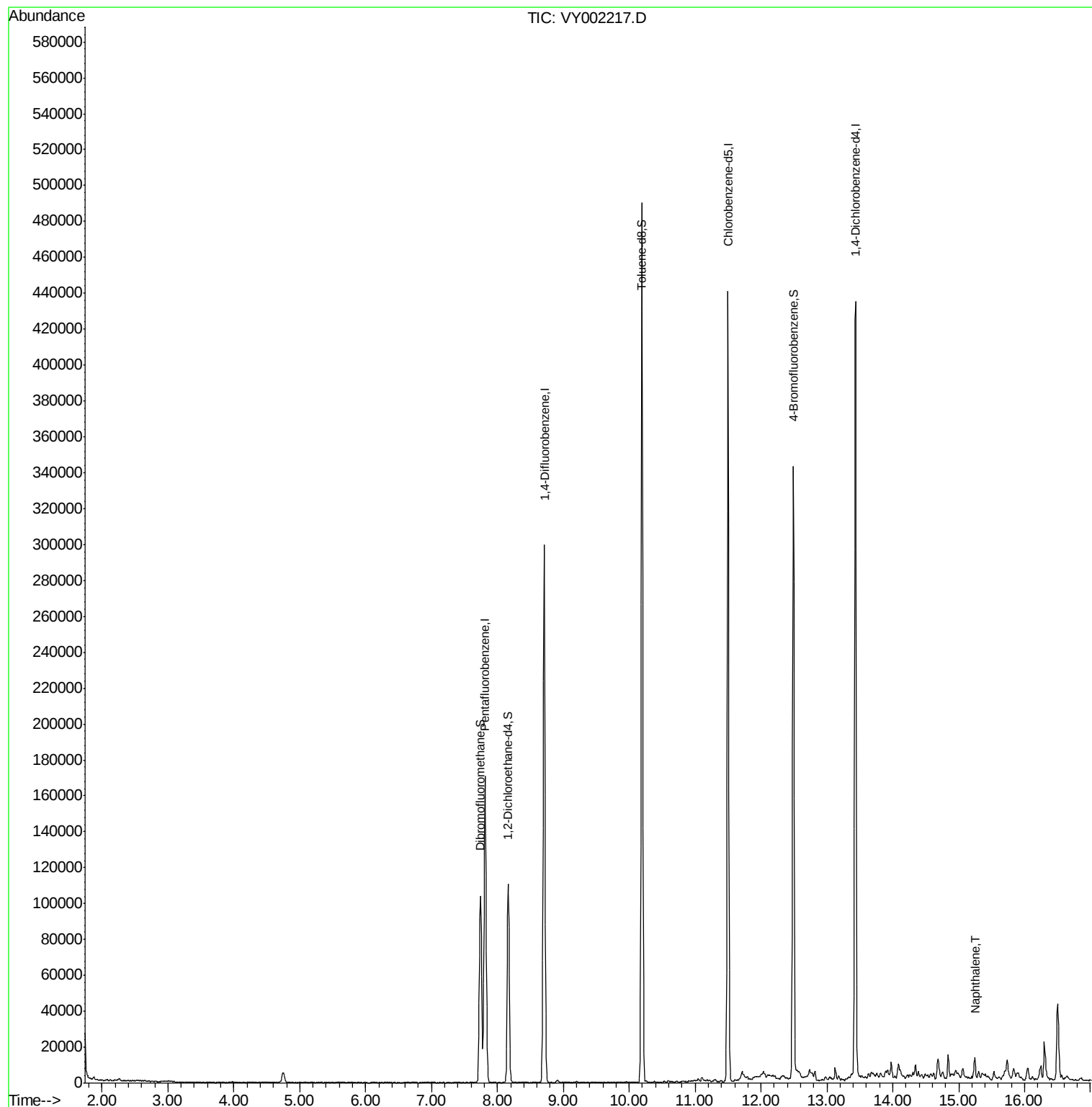
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	129089	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	255890	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	239906	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	105573	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	80112	56.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.28%	
35) Dibromofluoromethane	7.74	113	75565	52.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.40%	
50) Toluene-d8	10.19	98	313728	52.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.34%	
62) 4-Bromofluorobenzene	12.49	95	108699	52.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.36%	
Target Compounds						
95) Naphthalene	15.25	128	8460	1.830	ug/l #	Qvalue 92

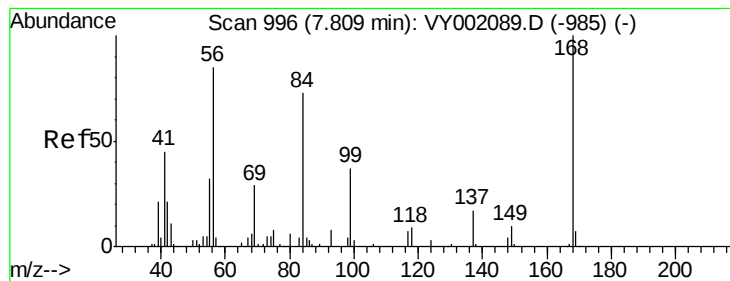
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002217.D

Acq: 03 Apr 2020 14:06

Instrument :

MSVOA_Y

ClientSampleId :

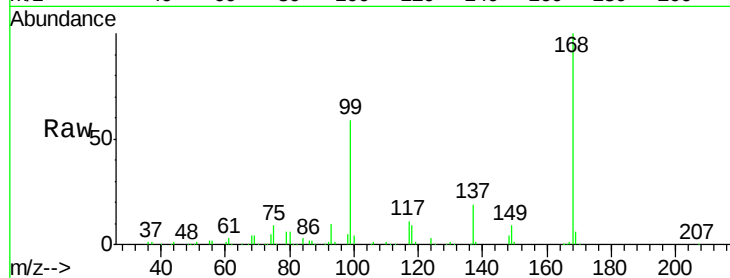
OK-03-040220

Tot Ion:168 Resp: 129089

Ion Ratio Lower Upper

168 100

99 59.0 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002217.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY002217.D (-947) (-)

7.82

60000

50000

40000

30000

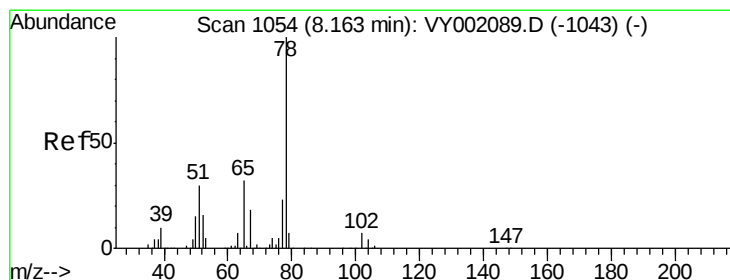
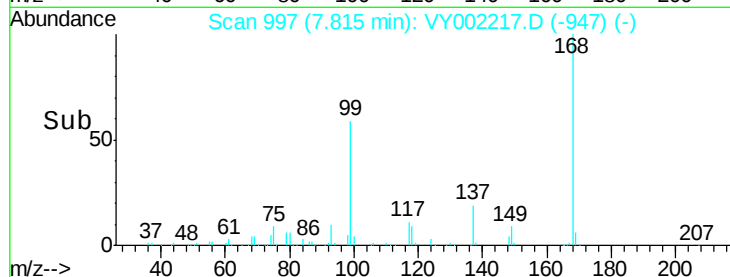
20000

10000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 56.138 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.00 min

Lab File: VY002217.D

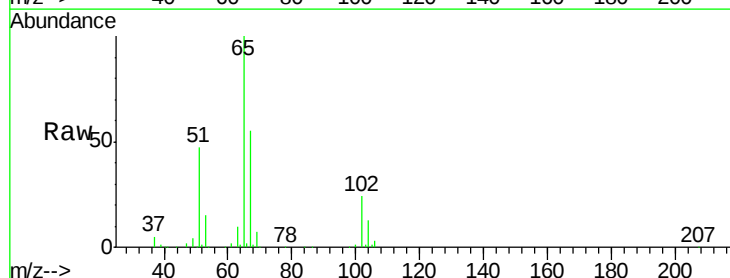
Acq: 03 Apr 2020 14:06

Tgt Ion: 65 Resp: 80112

Ion Ratio Lower Upper

65 100

67 55.7 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY002217.D (-1005) (-)

Ion 66.90 (66.60 to 67.60): VY002217.D (-1005) (-)

8.16

40000

30000

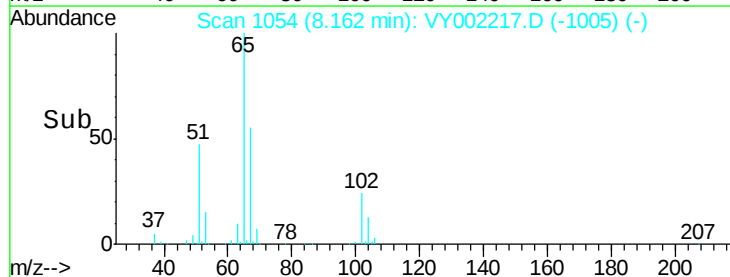
20000

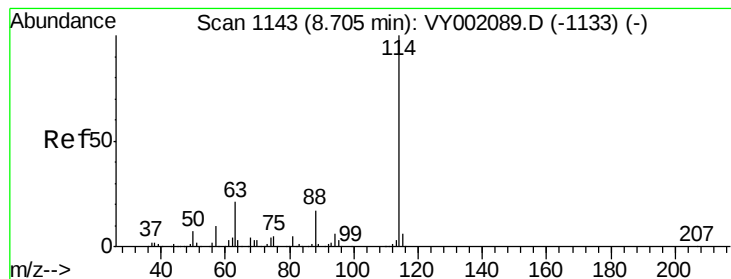
10000

0

8.10 8.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.01 min

Lab File: VY002217.D

Acq: 03 Apr 2020 14:06

Instrument :

MSVOA_Y

ClientSampleId :

OK-03-040220

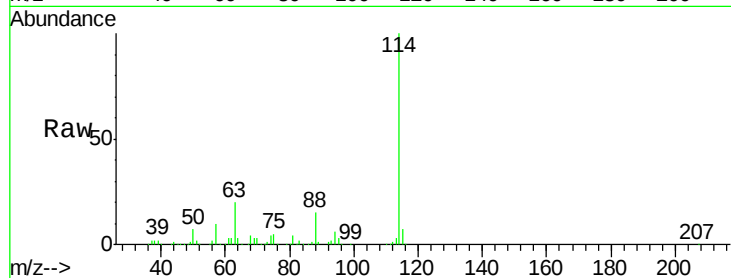
Tot Ion:114 Resp: 255890

Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.4

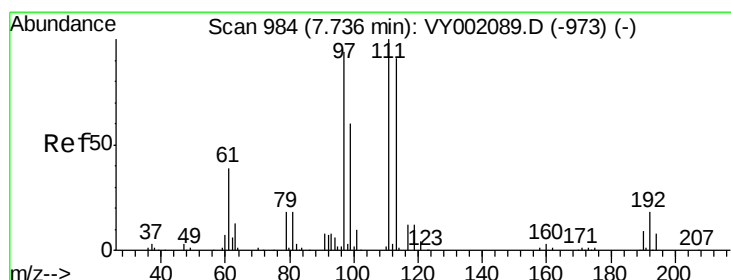
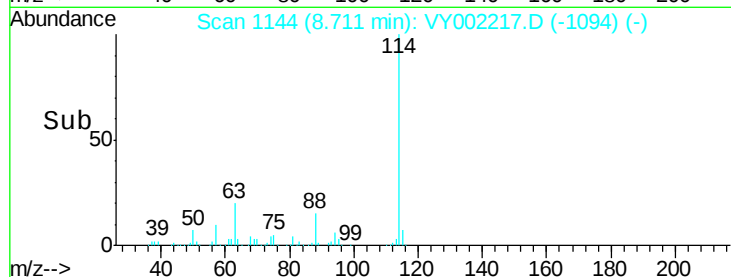
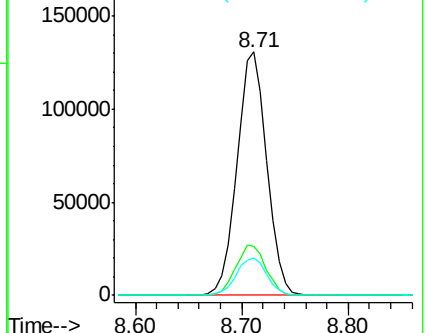
88 15.4 0.0 33.0



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: 52.703 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.01 min

Lab File: VY002217.D

Acq: 03 Apr 2020 14:06

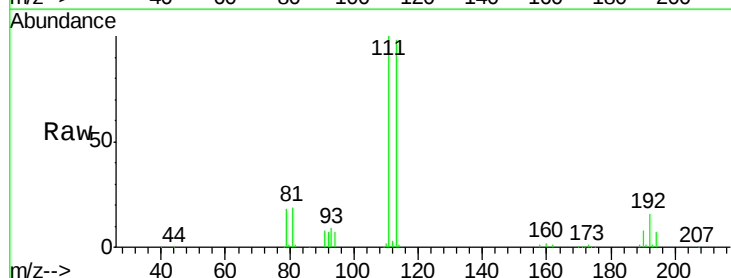
Tgt Ion:113 Resp: 75565

Ion Ratio Lower Upper

113 100

111 103.7 84.4 126.6

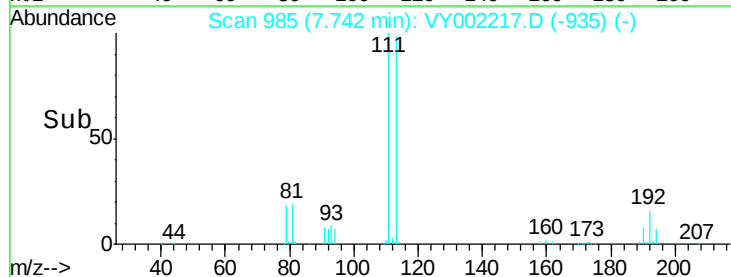
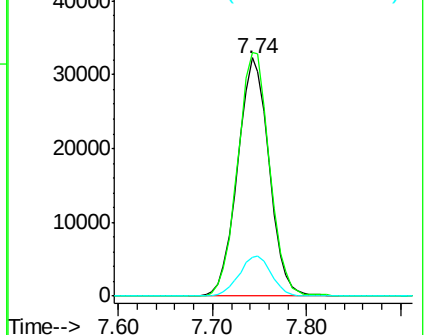
192 17.2 14.6 21.8

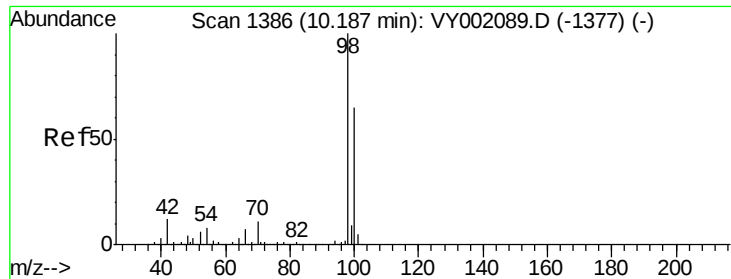


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.672 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002217.D

Acq: 03 Apr 2020 14:06

Instrument :

MSVOA_Y

ClientSampleId :

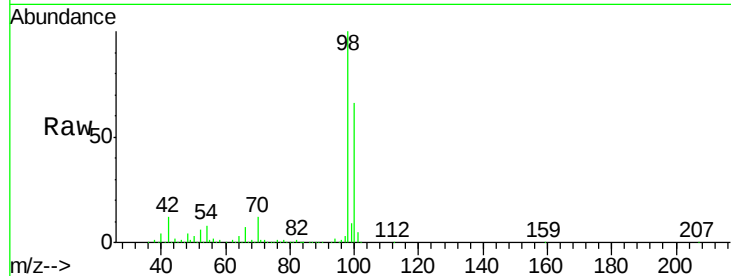
OK-03-040220

Tot Ion: 98 Resp: 313728

Ion Ratio Lower Upper

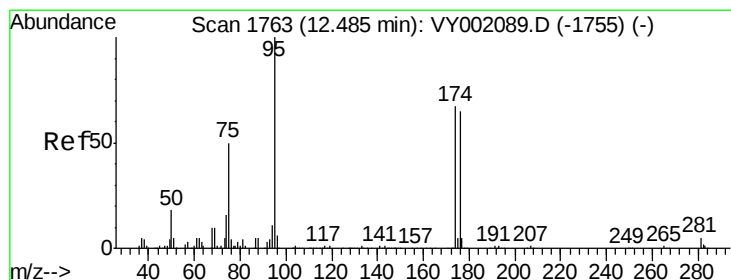
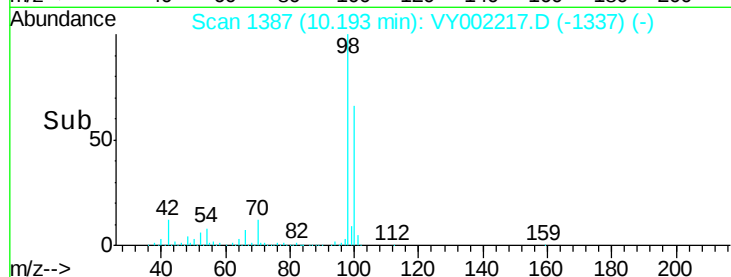
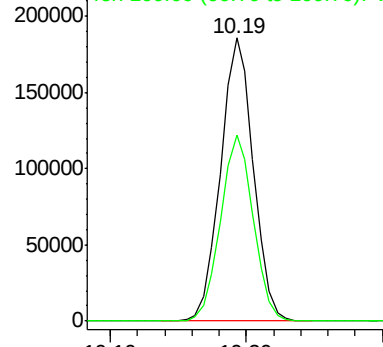
98 100

100 65.8 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



#62

4-Bromofluorobenzene

Concen: 52.181 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY002217.D

Acq: 03 Apr 2020 14:06

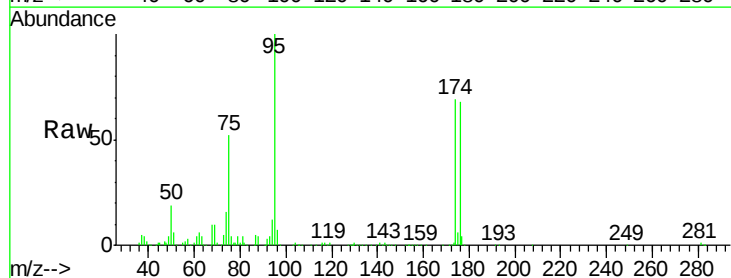
Tgt Ion: 95 Resp: 108699

Ion Ratio Lower Upper

95 100

174 73.4 0.0 143.4

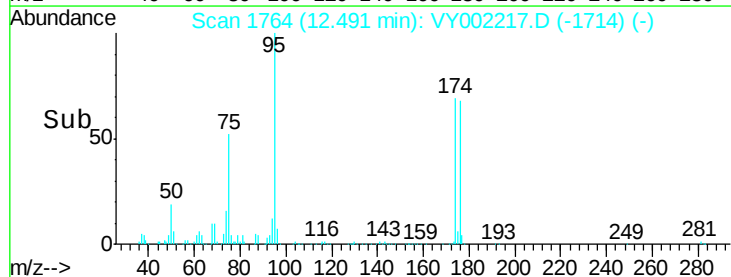
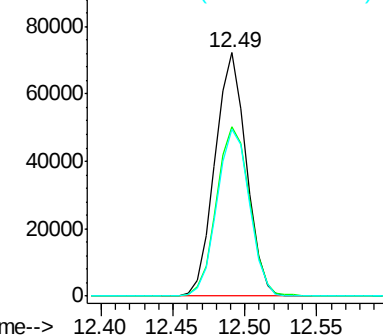
176 70.5 0.0 137.0

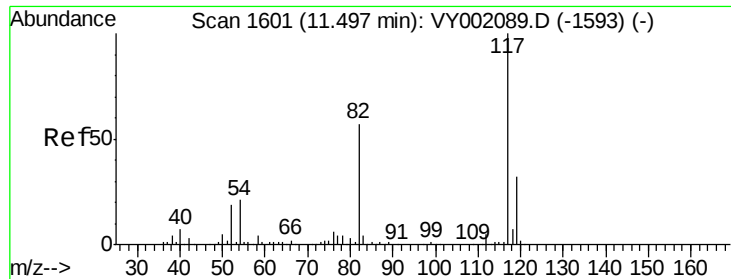


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

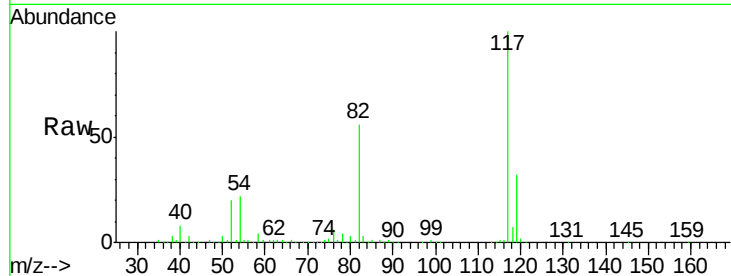




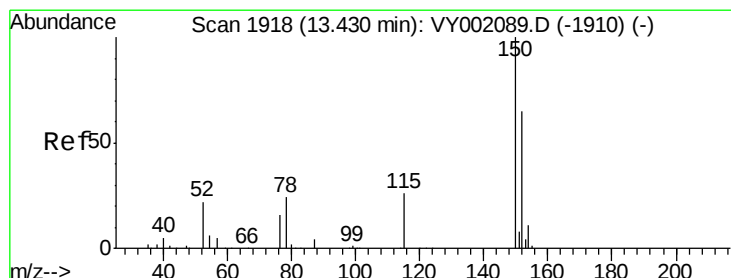
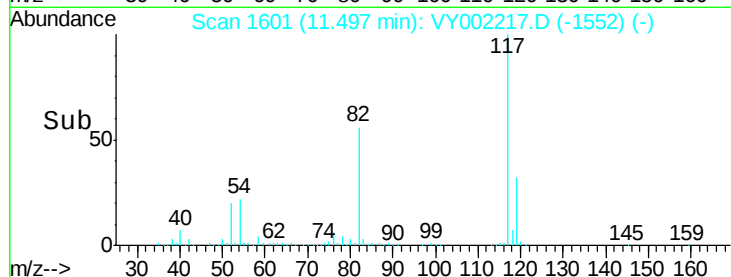
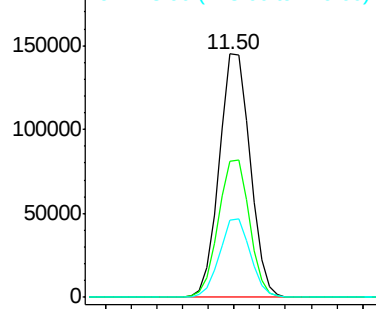
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY002217.D
Acq: 03 Apr 2020 14:06

Instrument :
MSVOA_Y
ClientSampleId :
OK-03-040220

Tot Ion:117 Resp: 239906
Ion Ratio Lower Upper
117 100
82 55.7 45.4 68.2
119 31.7 25.3 37.9

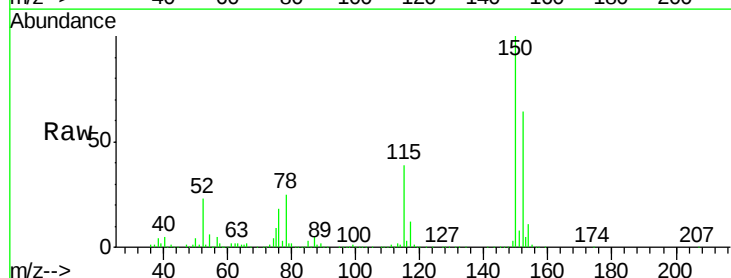


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

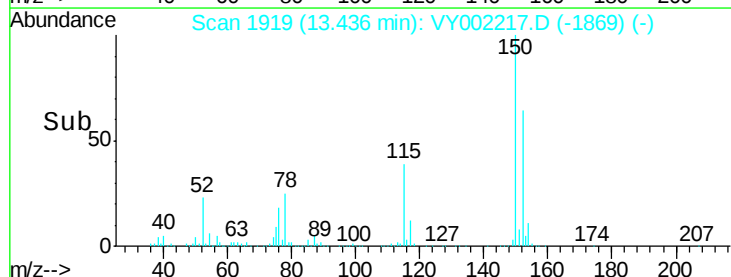
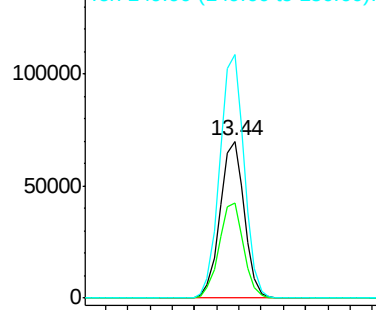


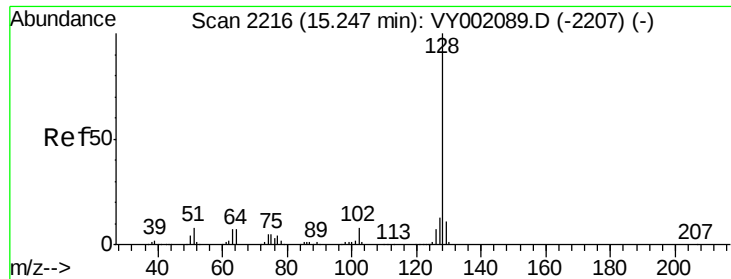
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002217.D
Acq: 03 Apr 2020 14:06

Tgt Ion:152 Resp: 105573
Ion Ratio Lower Upper
152 100
115 61.8 31.2 93.6
150 157.1 0.0 354.8



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

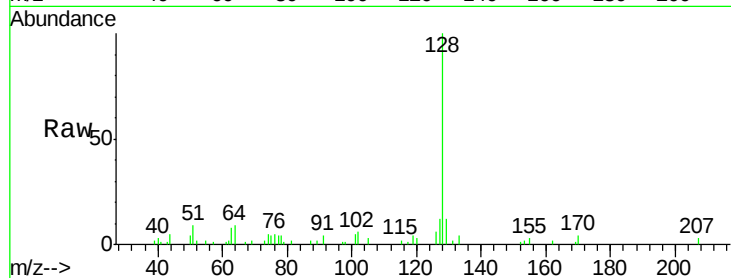




#95
Naphthalene
Concen: 1.830 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. -0.00 min
Lab File: VY002217.D
Acq: 03 Apr 2020 14:06

Instrument :
MSVOA_Y
ClientSampleId :
OK-03-040220

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.9	9.8	14.8
129	15.1	8.6	13.0



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

