

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022020\
 Data File : VY001717.D
 Acq On : 20 Feb 2020 12:37
 Operator : SY/MD
 Sample : L1606-02
 Misc : 7.06G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 361

Quant Time: Feb 21 08:17:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

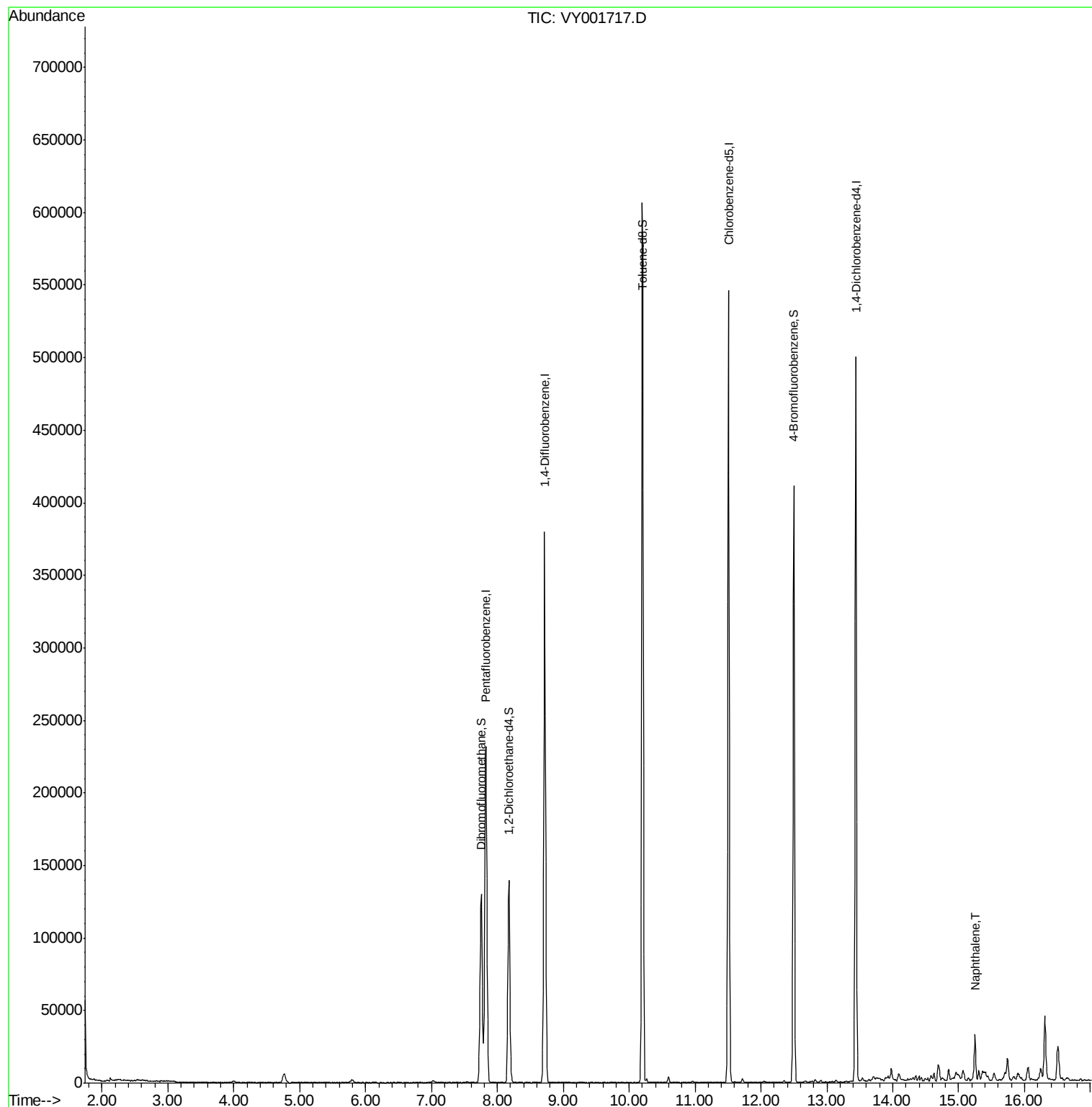
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.83	168	176167	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.72	114	328486	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.51	117	288485	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	121703	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	103649	54.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.40%	
35) Dibromofluoromethane	7.75	113	93601	49.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.50%	
50) Toluene-d8	10.20	98	393823	53.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.86%	
62) 4-Bromofluorobenzene	12.50	95	129343	45.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.34%	
Target Compounds						
95) Naphthalene	15.25	128	24154	4.394	ug/l	Qvalue 97

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.83 min Scan# 999

Delta R.T. 0.01 min

Lab File: VY001717.D

Acq: 20 Feb 2020 12:37

Instrument :

MSVOA_Y

ClientSampled :

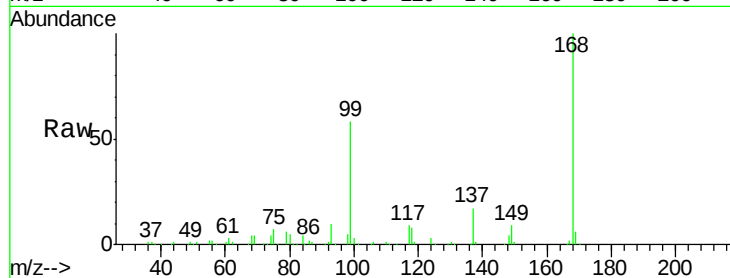
361

Tot Ion:168 Resp: 176167

Ion Ratio Lower Upper

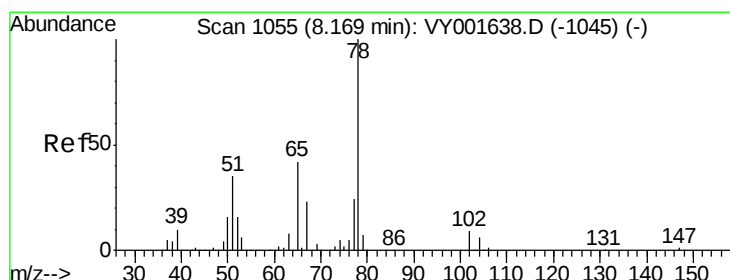
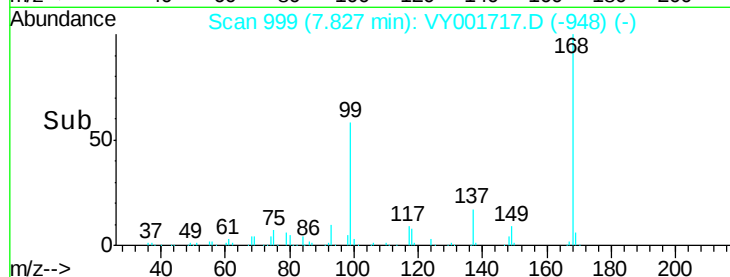
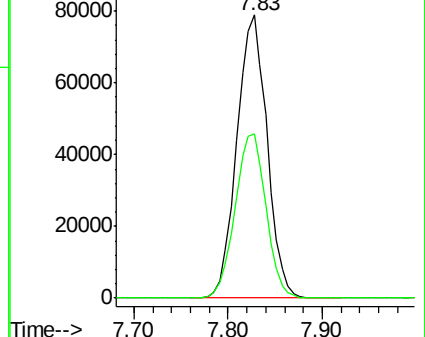
168 100

99 58.0 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001717.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001717.D (-948) (-)



#33

1,2-Dichloroethane-d4

Concen: 54.698 ug/l

RT: 8.17 min Scan# 1056

Delta R.T. 0.01 min

Lab File: VY001717.D

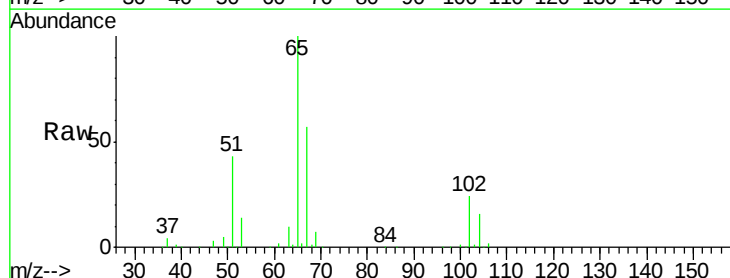
Acq: 20 Feb 2020 12:37

Tgt Ion: 65 Resp: 103649

Ion Ratio Lower Upper

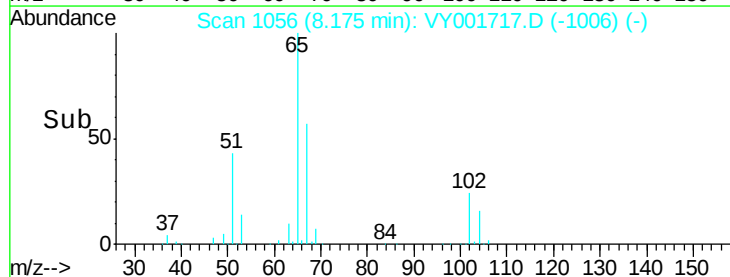
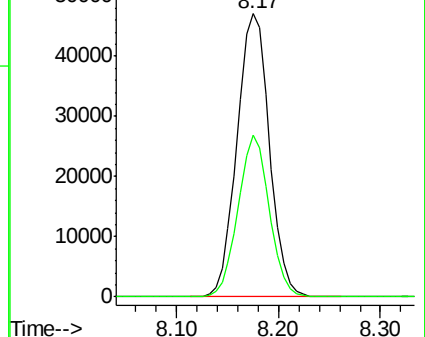
65 100

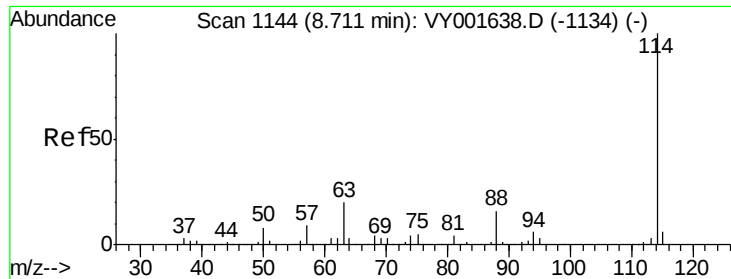
67 55.0 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY001717.D (-1006) (-)

Ion 66.90 (66.60 to 67.60): VY001717.D (-1006) (-)

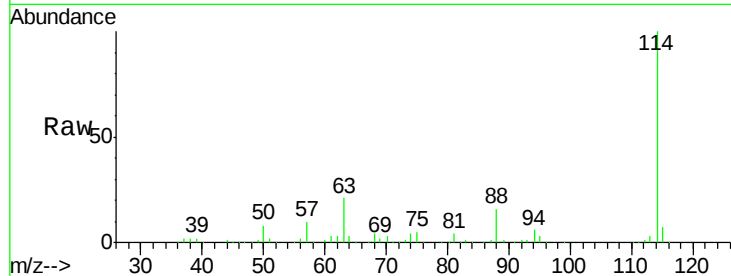




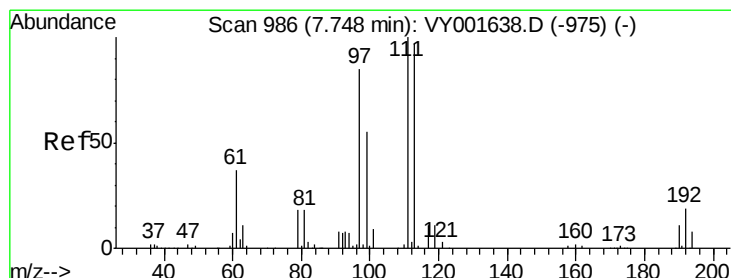
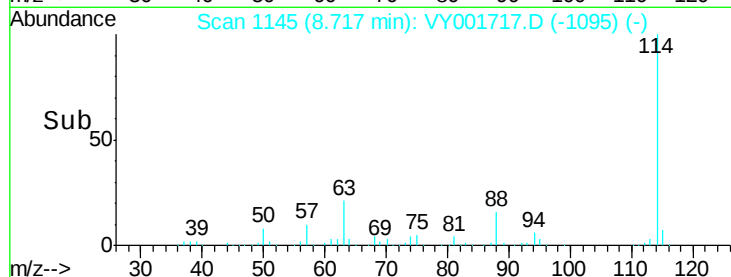
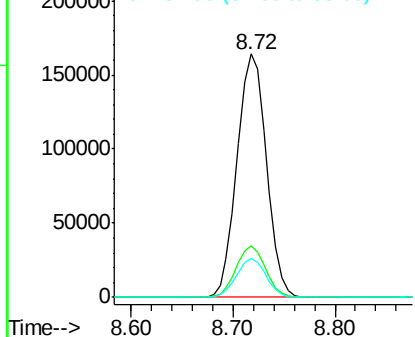
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.72 min Scan# 1145
 Delta R.T. 0.01 min
 Lab File: VY001717.D
 Acq: 20 Feb 2020 12:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 361

Tot Ion:114 Resp: 328486
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 41.4
 88 16.0 0.0 32.8

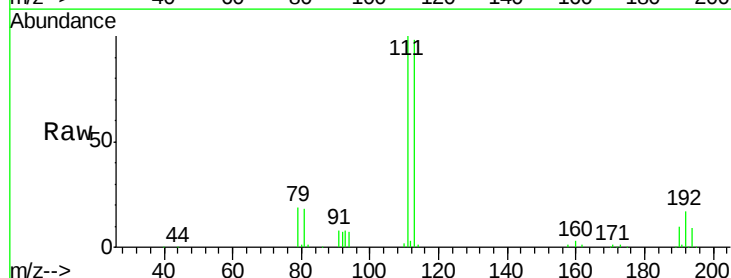


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

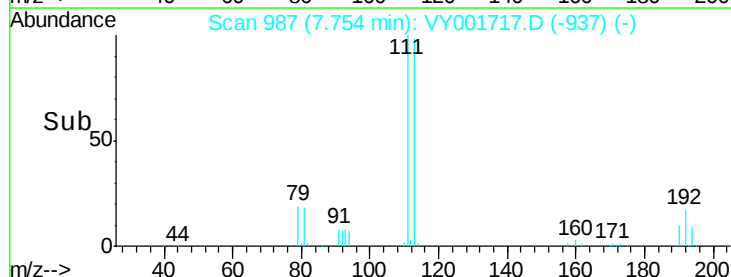
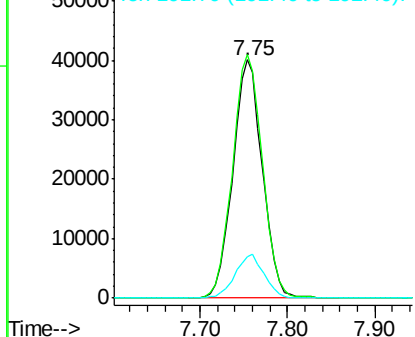


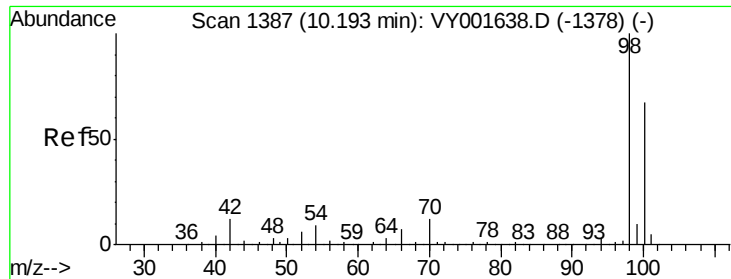
#35
 Dibromofluoromethane
 Concen: 49.750 ug/l
 RT: 7.75 min Scan# 987
 Delta R.T. 0.01 min
 Lab File: VY001717.D
 Acq: 20 Feb 2020 12:37

Tgt Ion:113 Resp: 93601
 Ion Ratio Lower Upper
 113 100
 111 103.9 81.9 122.9
 192 18.0 14.3 21.5



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: 53.430 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001717.D

Acq: 20 Feb 2020 12:37

Instrument :

MSVOA_Y

ClientSampled :

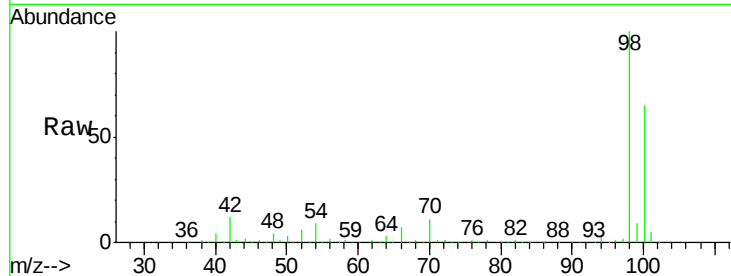
361

Tot Ion: 98 Resp: 393823

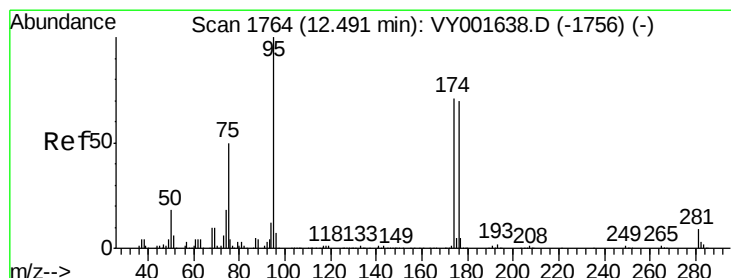
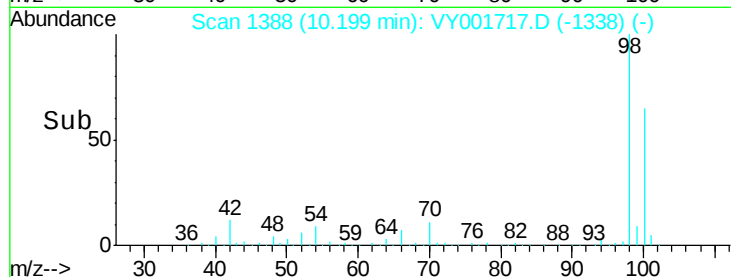
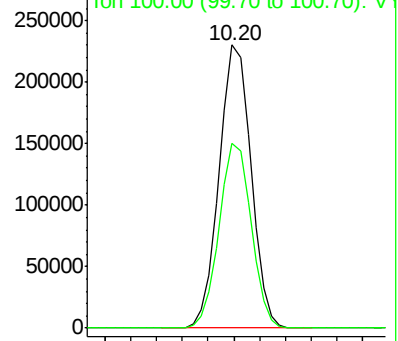
Ion Ratio Lower Upper

98 100

100 65.6 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY001638.D (-1378) (-)



#62

4-Bromofluorobenzene

Concen: 45.169 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.01 min

Lab File: VY001717.D

Acq: 20 Feb 2020 12:37

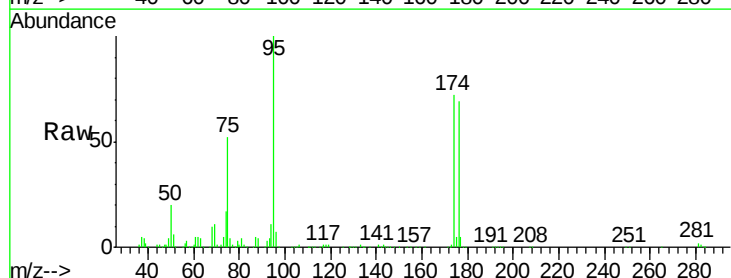
Tgt Ion: 95 Resp: 129343

Ion Ratio Lower Upper

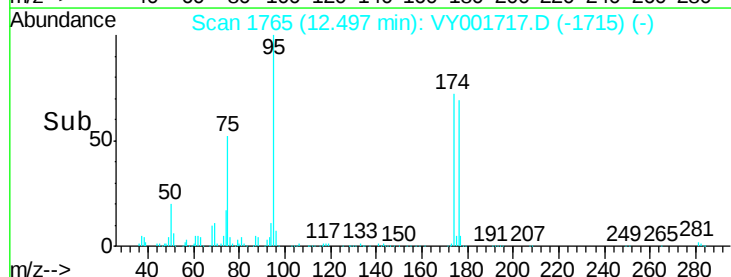
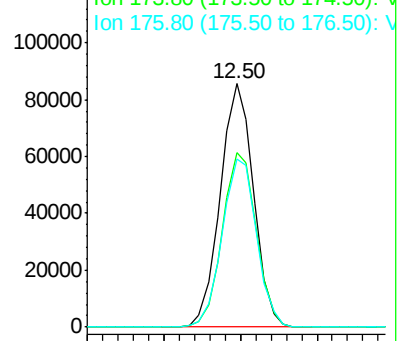
95 100

174 73.1 0.0 138.4

176 71.5 0.0 131.8



Abundance Ion 94.90 (94.60 to 95.60): VY001638.D (-1756) (-)

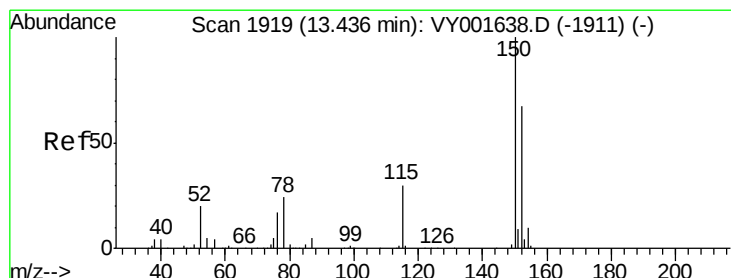
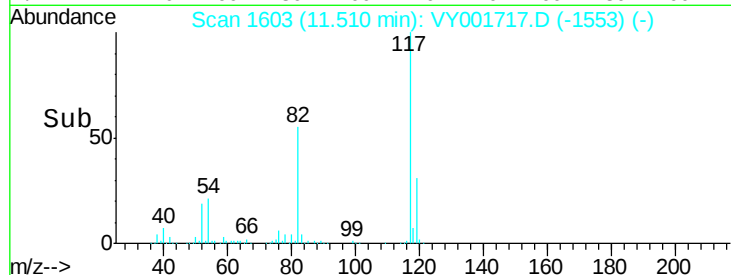
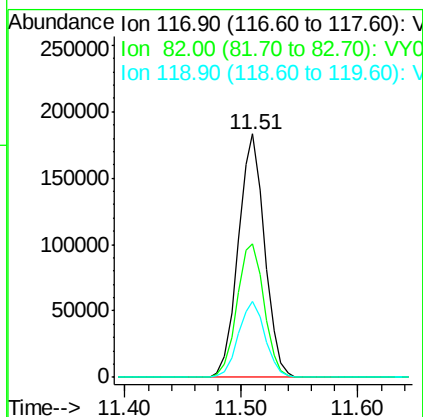
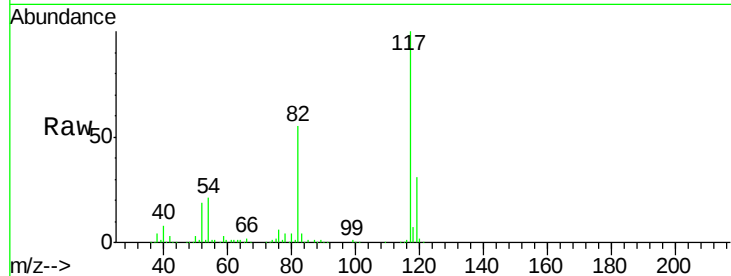




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. 0.01 min
Lab File: VY001717.D
Acq: 20 Feb 2020 12:37

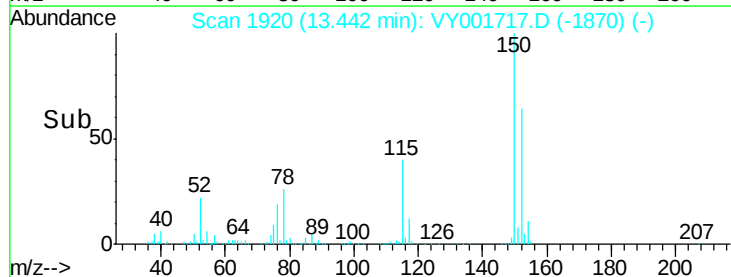
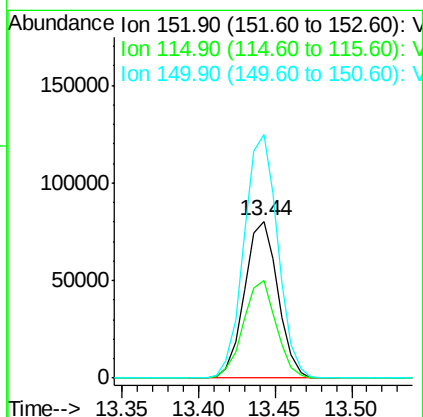
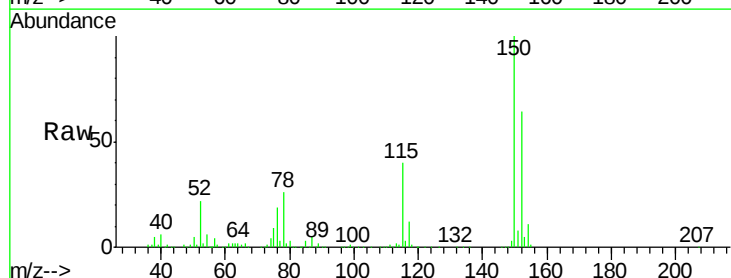
Instrument :
MSVOA_Y
ClientSampleId :
361

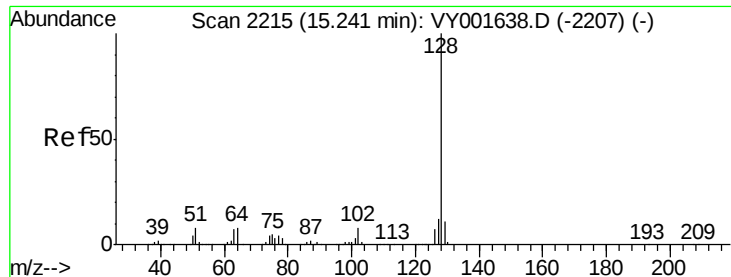
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.9	45.5	68.3
119	31.3	25.8	38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1920
Delta R.T. 0.01 min
Lab File: VY001717.D
Acq: 20 Feb 2020 12:37

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.6	31.4	94.2
150	157.2	0.0	407.2





#95

Naphthalene

Concen: 4.394 ug/l

RT: 15.25 min Scan# 2217

Delta R.T. 0.01 min

Lab File: VY001717.D

Acq: 20 Feb 2020 12:37

Instrument :

MSVOA_Y

ClientSampleId :

361

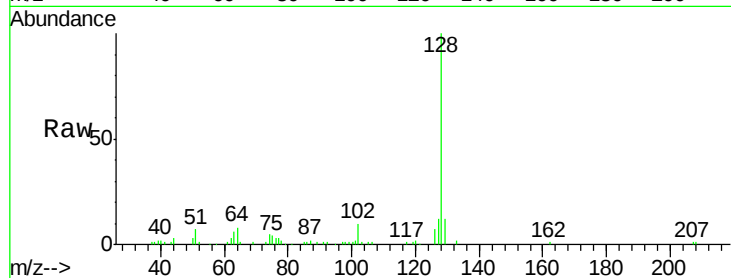
Tot Ion:128 Resp: 24154

Ion Ratio Lower Upper

128 100

127 13.5 9.9 14.9

129 11.9 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

