

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY033120\
 Data File : VY002127.D
 Acq On : 31 Mar 2020 13:00
 Operator : SY/MD
 Sample : L2071-03
 Misc : 5.01G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EXTERIOR-WALL

Quant Time: Mar 31 18:28:53 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	134028	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.72	114	263504	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.50	117	244425	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	109686	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.17	65	84613	57.11	ug/l	0.01
Spiked Amount 50.000			Recovery	=	114.22%	
35) Dibromofluoromethane	7.75	113	74309	50.33	ug/l	0.02
Spiked Amount 50.000			Recovery	=	100.66%	
50) Toluene-d8	10.20	98	322424	52.57	ug/l	0.01
Spiked Amount 50.000			Recovery	=	105.14%	
62) 4-Bromofluorobenzene	12.50	95	110218	51.38	ug/l	0.01
Spiked Amount 50.000			Recovery	=	102.76%	

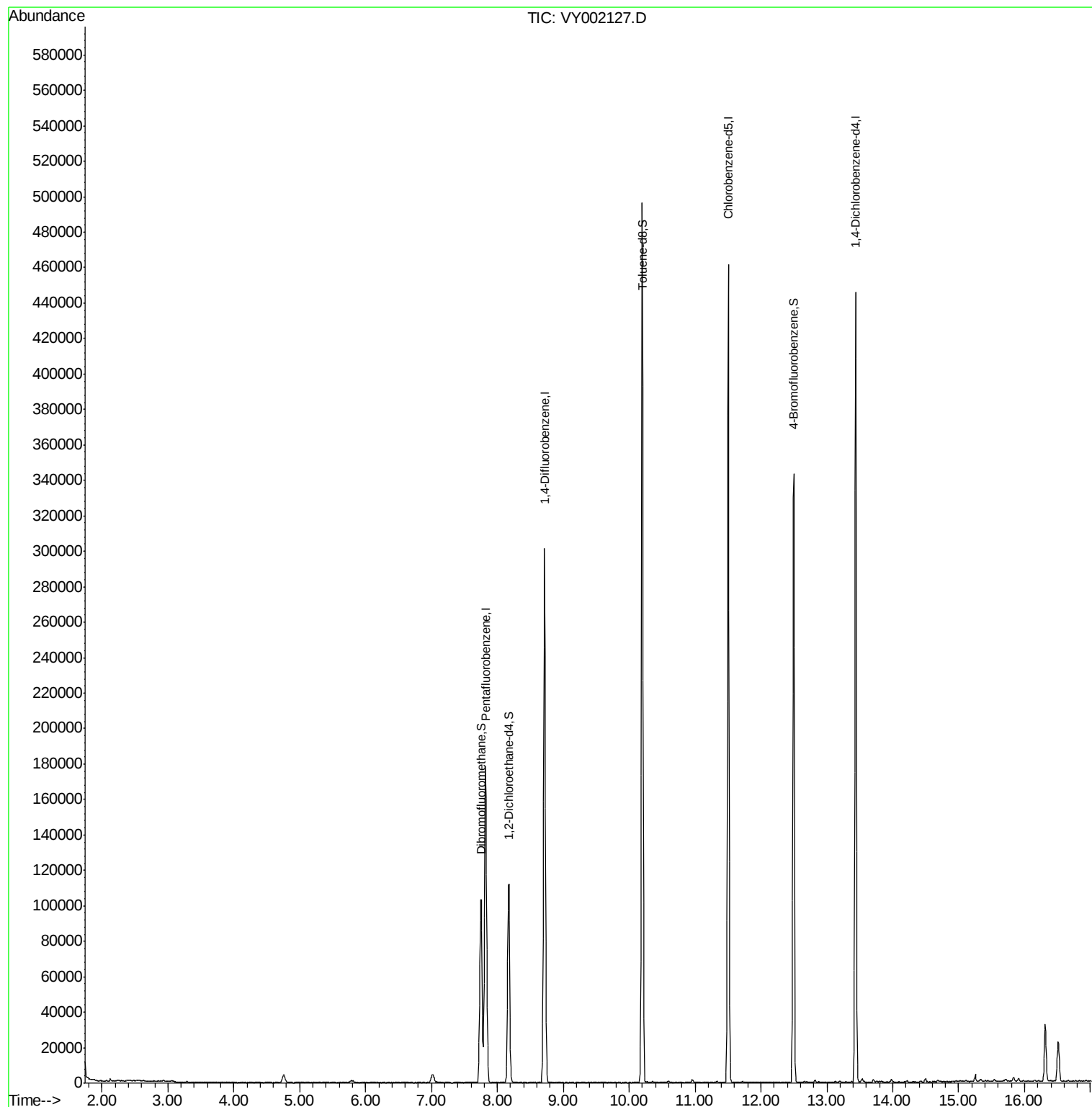
Target Compounds	Qvalue

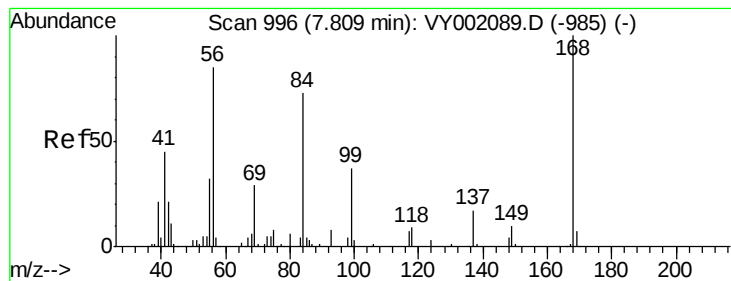
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY002127.D

Acq: 31 Mar 2020 13:00

Instrument :

MSVOA_Y

ClientSampleId :

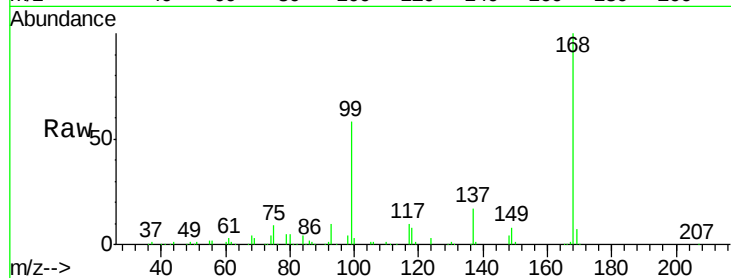
EXTERIOR-WALL

Tot Ion:168 Resp: 134028

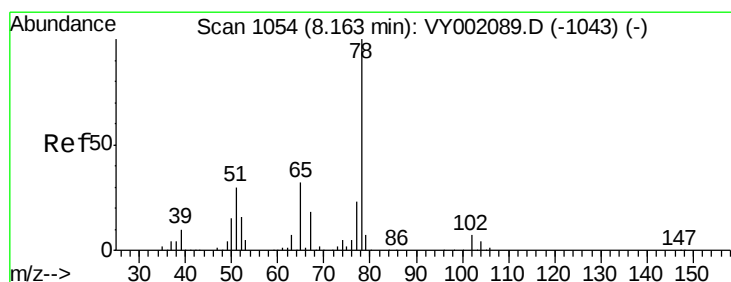
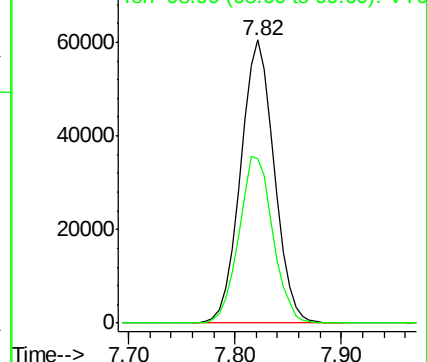
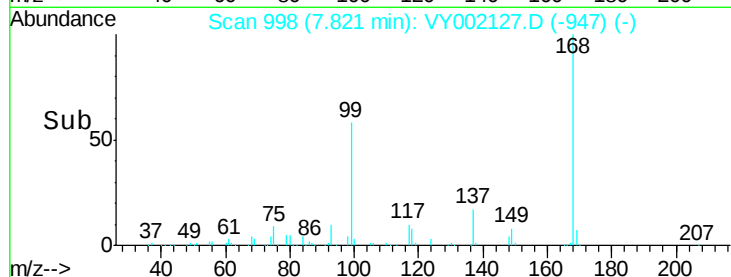
Ion Ratio Lower Upper

168 100

99 58.1 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002127.D (-947) (-)



#33

1,2-Dichloroethane-d4

Concen: 57.108 ug/l

RT: 8.17 min Scan# 1056

Delta R.T. 0.01 min

Lab File: VY002127.D

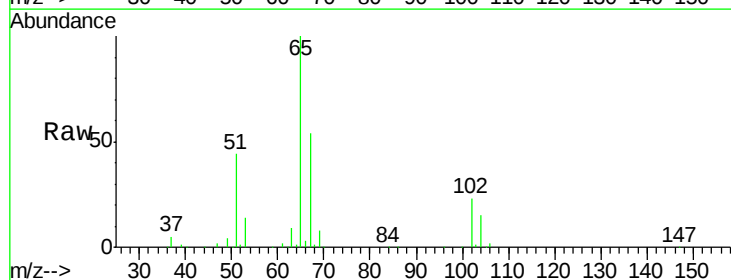
Acq: 31 Mar 2020 13:00

Tgt Ion: 65 Resp: 84613

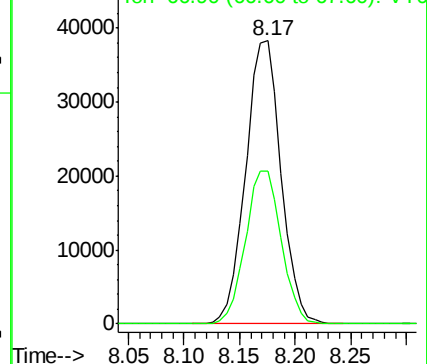
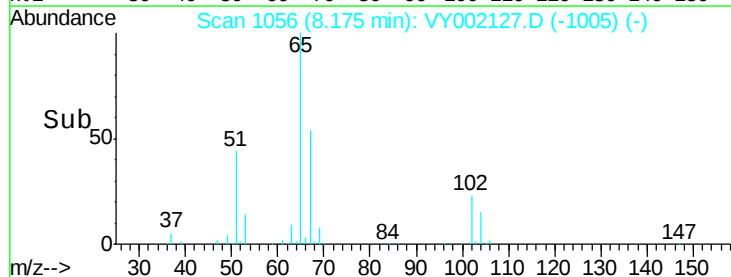
Ion Ratio Lower Upper

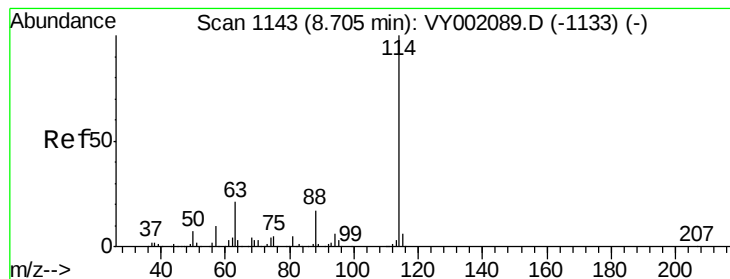
65 100

67 54.7 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY002127.D (-1005) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.72 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VY002127.D

Acq: 31 Mar 2020 13:00

Instrument :

MSVOA_Y

ClientSampleId :

EXTERIOR-WALL

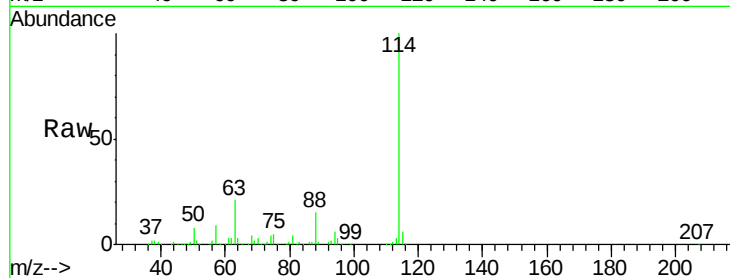
Tot Ion:114 Resp: 263504

Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.4

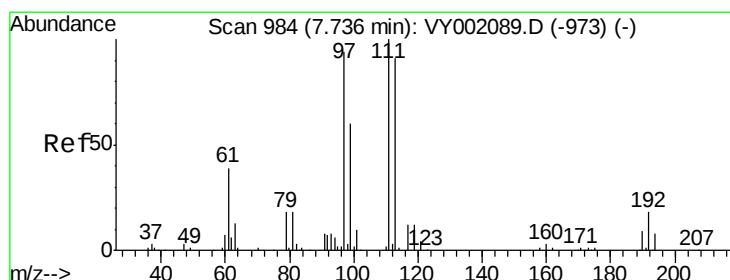
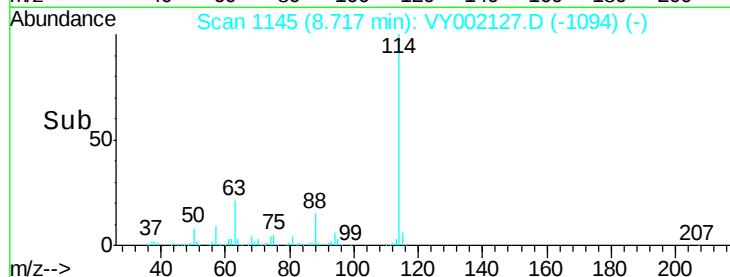
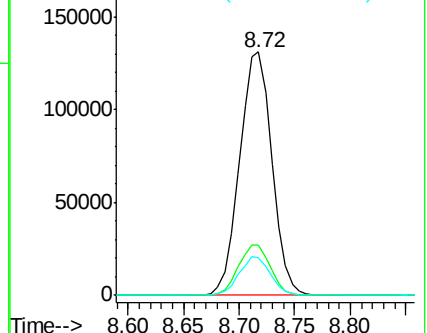
88 15.4 0.0 33.0



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: 50.329 ug/l

RT: 7.75 min Scan# 987

Delta R.T. 0.02 min

Lab File: VY002127.D

Acq: 31 Mar 2020 13:00

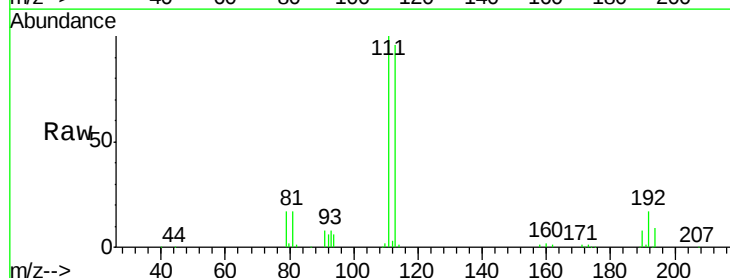
Tgt Ion:113 Resp: 74309

Ion Ratio Lower Upper

113 100

111 104.7 84.4 126.6

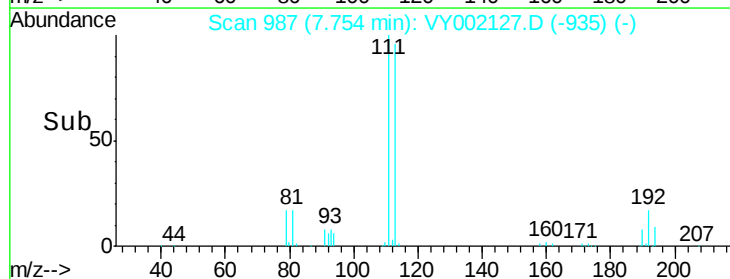
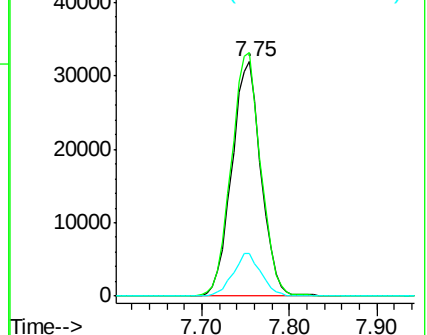
192 17.5 14.6 21.8

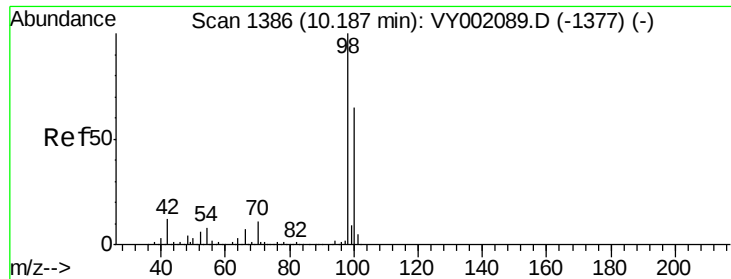


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

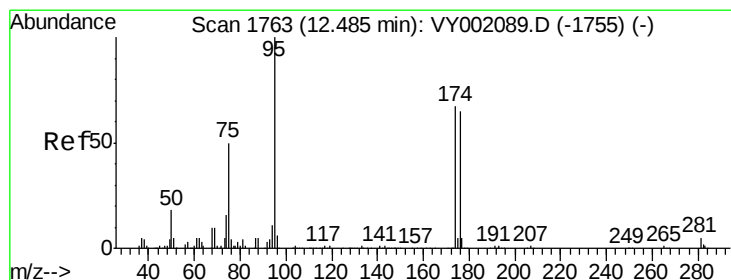
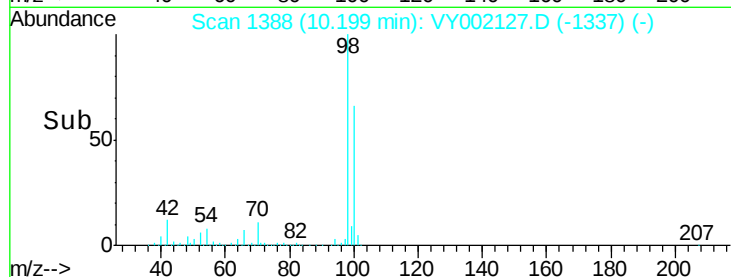
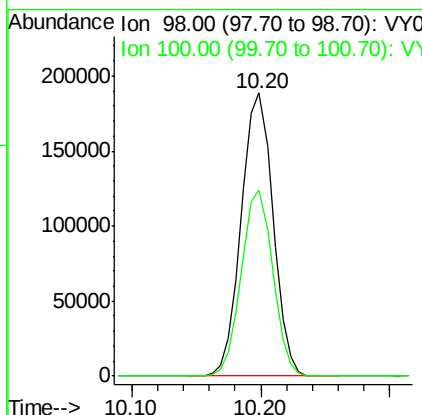
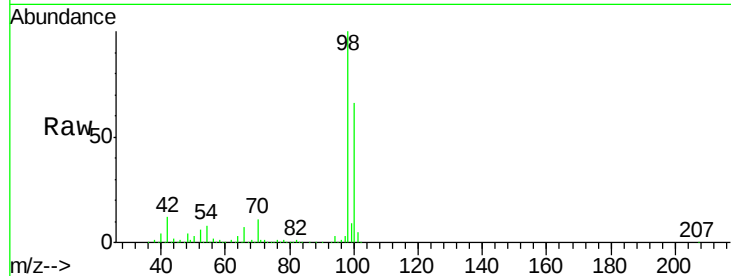




#50
Toluene-d8
Concen: 52.567 ug/l
RT: 10.20 min Scan# 1388
Delta R.T. 0.01 min
Lab File: VY002127.D
Acq: 31 Mar 2020 13:00

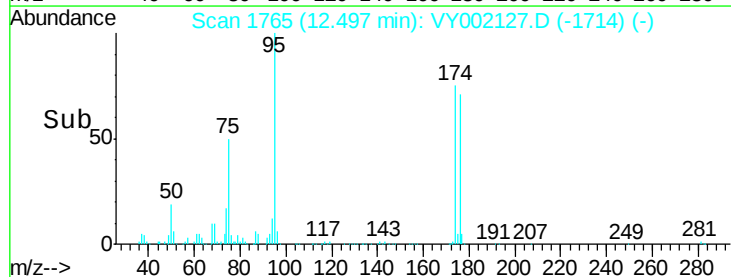
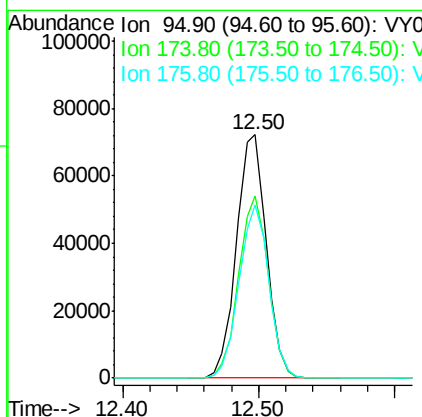
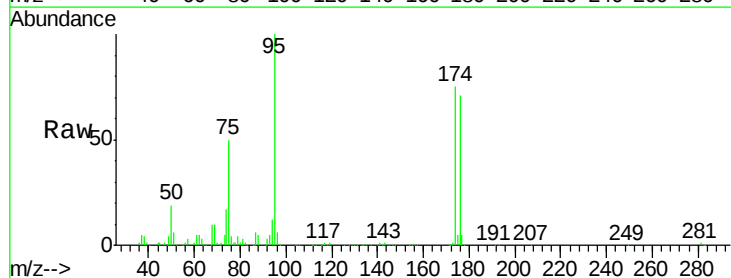
Instrument :
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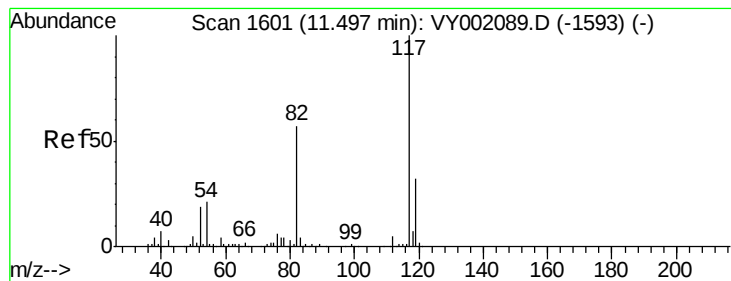
Tot Ion: 98 Resp: 322424
Ion Ratio Lower Upper
98 100
100 65.1 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 51.381 ug/l
RT: 12.50 min Scan# 1765
Delta R.T. 0.01 min
Lab File: VY002127.D
Acq: 31 Mar 2020 13:00

Tgt Ion: 95 Resp: 110218
Ion Ratio Lower Upper
95 100
174 74.8 0.0 143.4
176 71.2 0.0 137.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1602

Delta R.T. 0.01 min

Lab File: VY002127.D

Acq: 31 Mar 2020 13:00

Instrument :

MSVOA_Y

ClientSampleId :

EXTERIOR-WALL

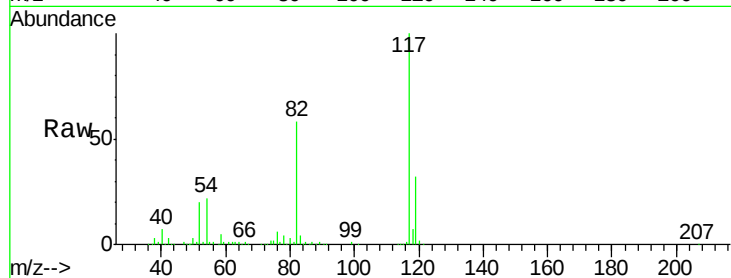
Tot Ion:117 Resp: 244425

Ion Ratio Lower Upper

117 100

82 58.1 45.4 68.2

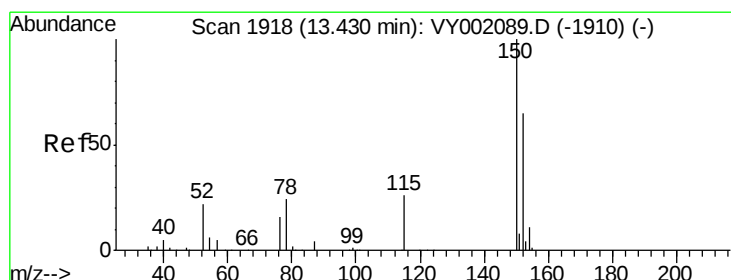
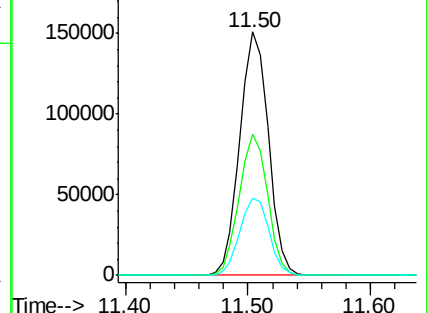
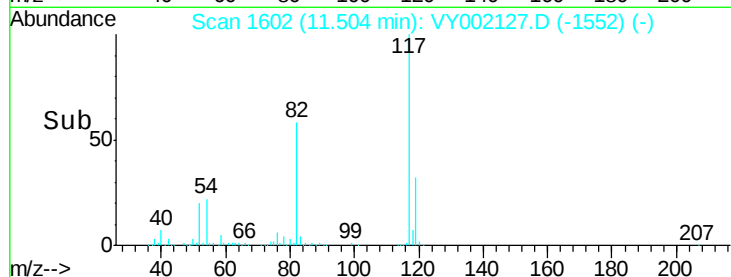
119 31.6 25.3 37.9



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: VY002127.D

Acq: 31 Mar 2020 13:00

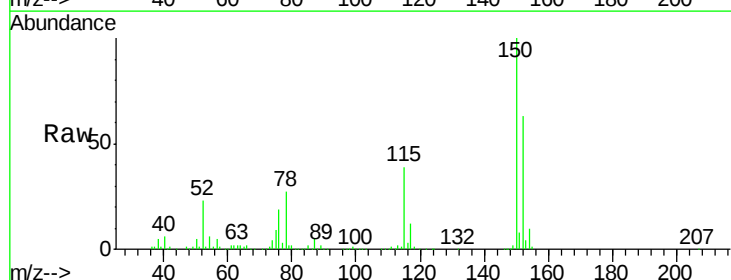
Tgt Ion:152 Resp: 109686

Ion Ratio Lower Upper

152 100

115 60.8 31.2 93.6

150 157.0 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

