

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070220\
 Data File : VY003091.D
 Acq On : 02 Jul 2020 17:34
 Operator : SY/MD
 Sample : L3204-01
 Misc : 5.01G/5ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WF-COMP

Quant Time: Jul 03 04:13:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

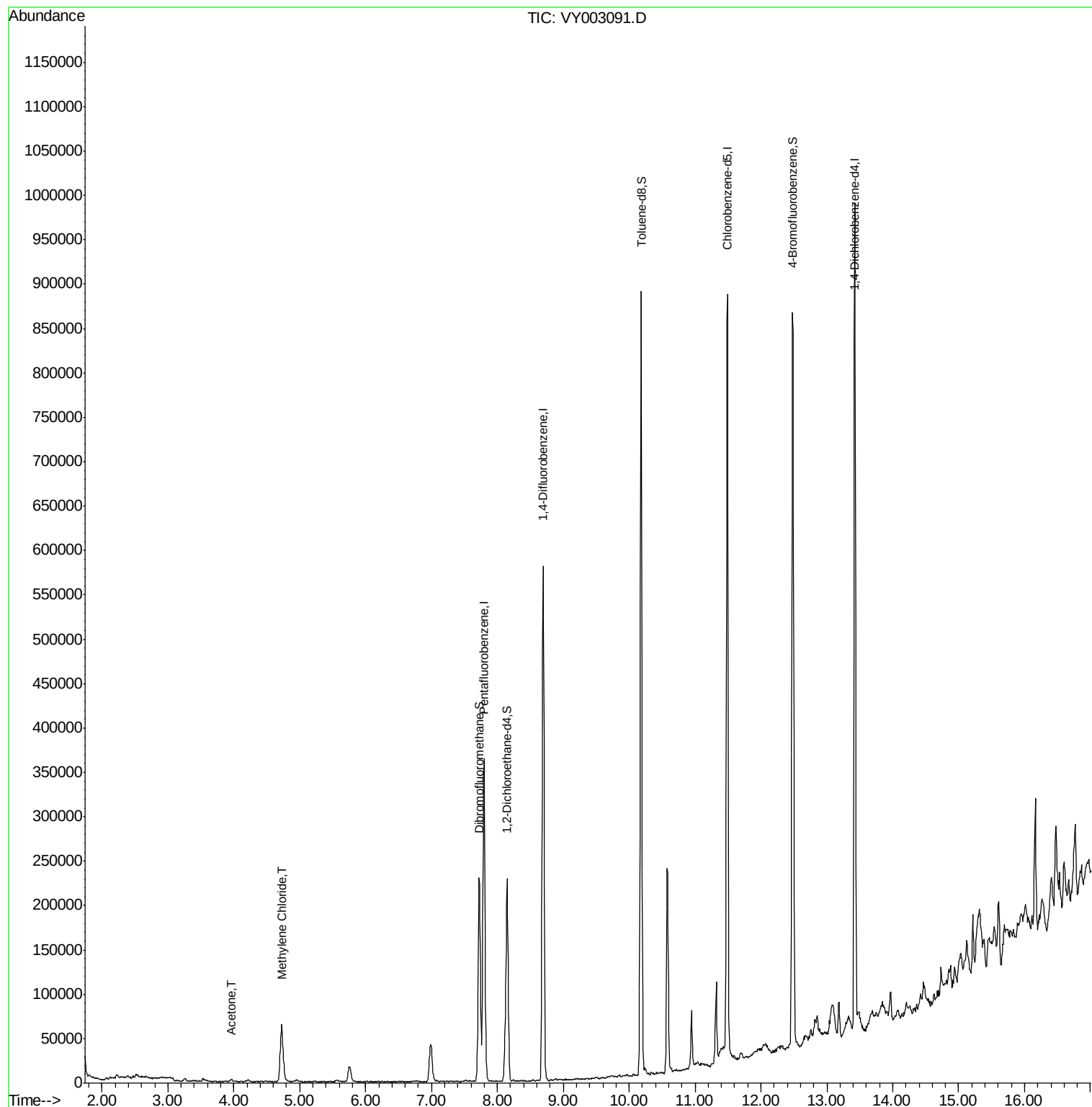
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	298281	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	482596	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	469399	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	238901	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	168064	56.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.46%	
35) Dibromofluoromethane	7.72	113	161296	53.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.16%	
50) Toluene-d8	10.18	98	586927	52.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.66%	
62) 4-Bromofluorobenzene	12.48	95	213915	54.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.36%	
Target Compounds						
16) Acetone	3.96	43	4679	6.697	ug/l #	81
20) Methylene Chloride	4.72	84	47282	9.521	ug/l	96

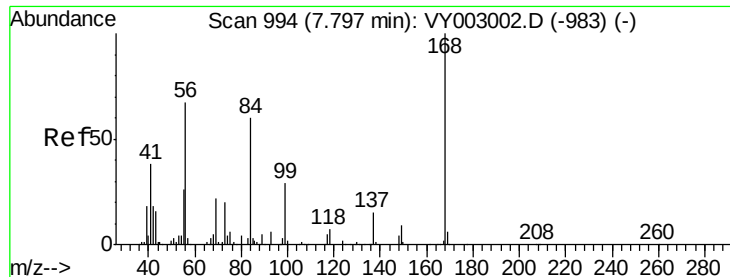
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003091.D

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MSVOA_Y

ClientSampleId :

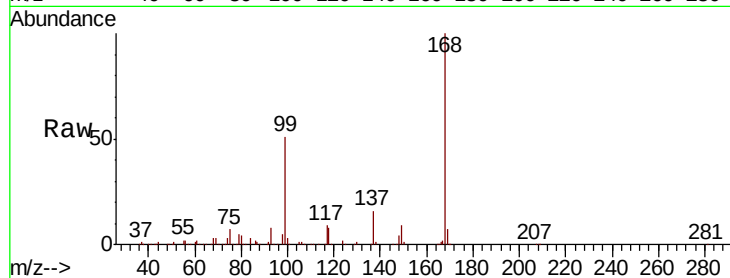
WF-COMP

Tot Ion:168 Resp: 298281

Ion Ratio Lower Upper

168 100

99 50.8 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003002.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003091.D (-945) (-)

7.80

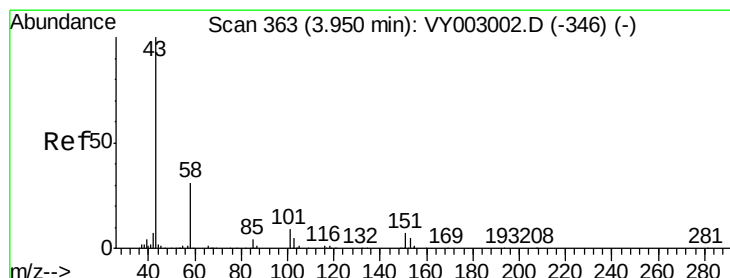
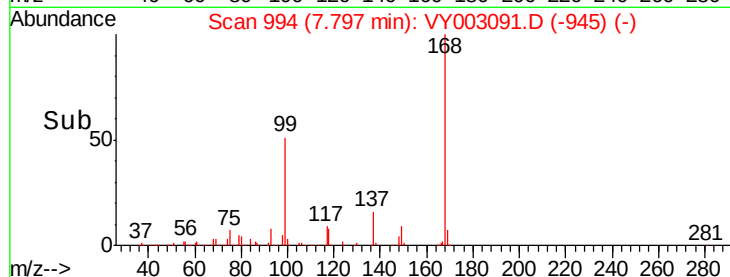
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 6.697 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003091.D

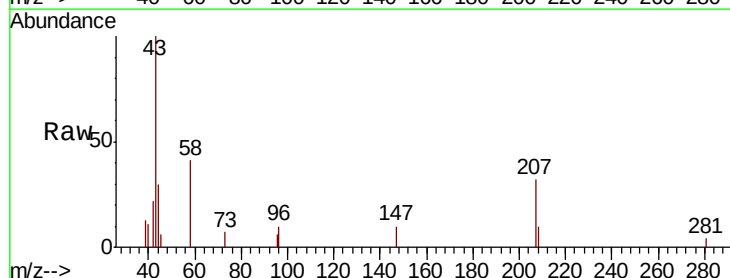
Acq: 02 Jul 2020 17:34

Tgt Ion: 43 Resp: 4679

Ion Ratio Lower Upper

43 100

58 41.4 24.7 37.1#



Abundance Ion 43.00 (42.70 to 43.70): VY003002.D (-346) (-)

Ion 58.00 (57.70 to 58.70): VY003091.D (-314) (-)

3.96

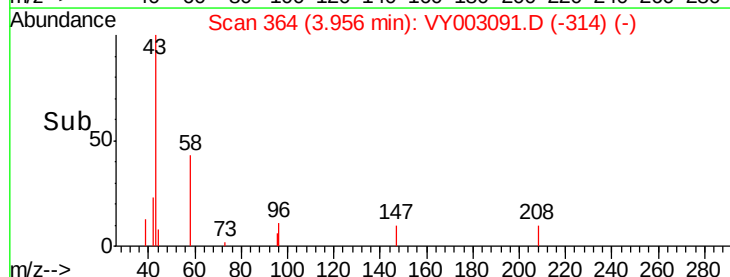
1500

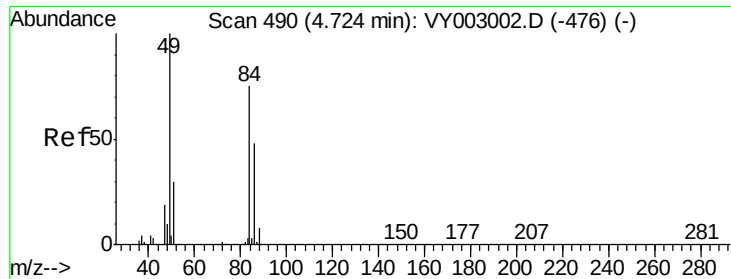
1000

500

0

Time-->

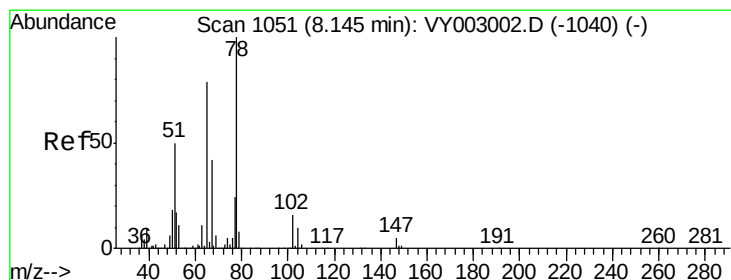
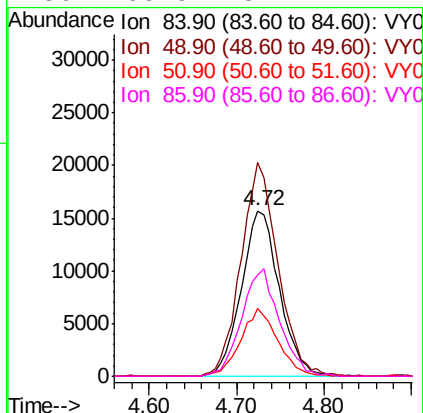
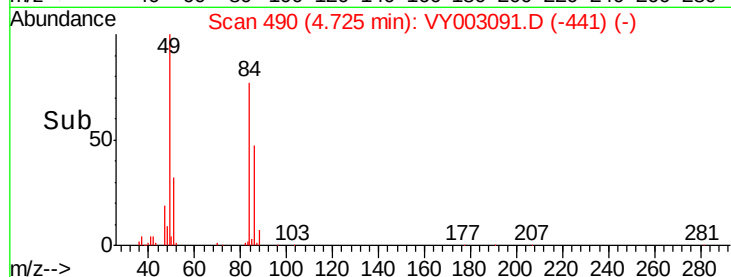
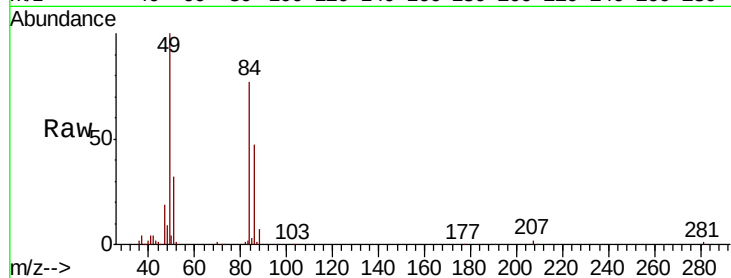




#20
Methylene Chloride
Concen: 9.521 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003091.D
Acq: 02 Jul 2020 17:34

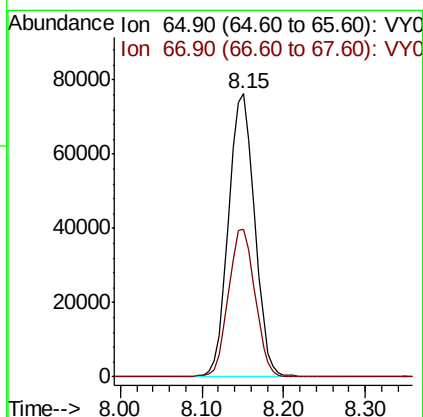
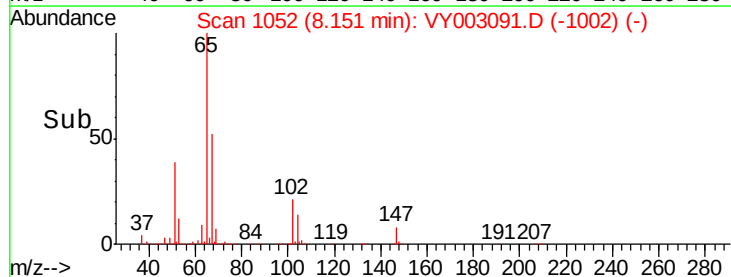
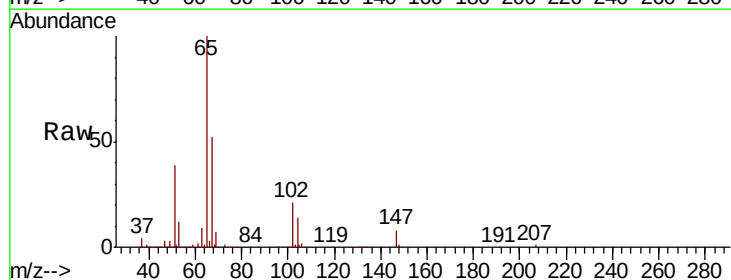
Instrument :
MSVOA_Y
ClientSampleId :
WF-COMP

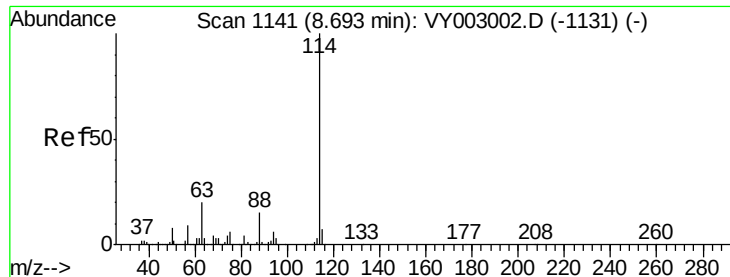
Tot Ion: 84 Resp: 47282
Ion Ratio Lower Upper
84 100
49 129.1 106.8 160.2
51 41.2 32.0 48.0
86 60.9 51.4 77.2



#33
1,2-Dichloroethane-d4
Concen: 56.730 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.01 min
Lab File: VY003091.D
Acq: 02 Jul 2020 17:34

Tgt Ion: 65 Resp: 168064
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY003091.D

Acq: 02 Jul 2020 17:34

Instrument :

MSVOA_Y

ClientSampleId :

WF-COMP

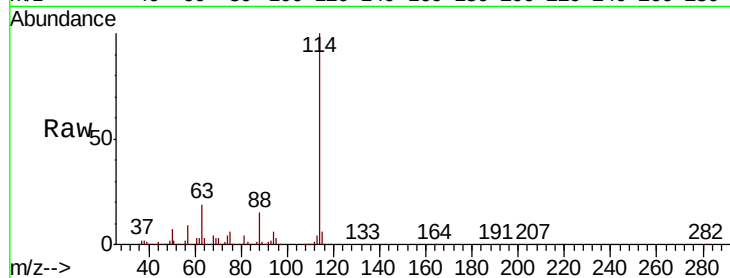
Tot Ion:114 Resp: 482596

Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.6

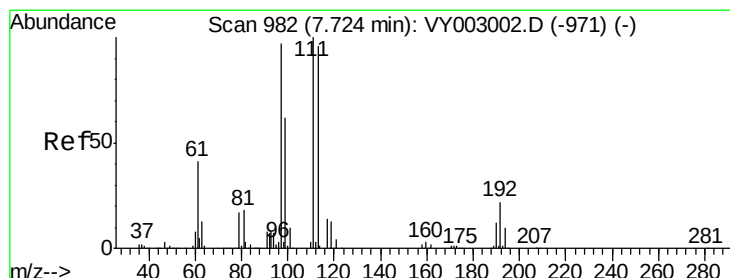
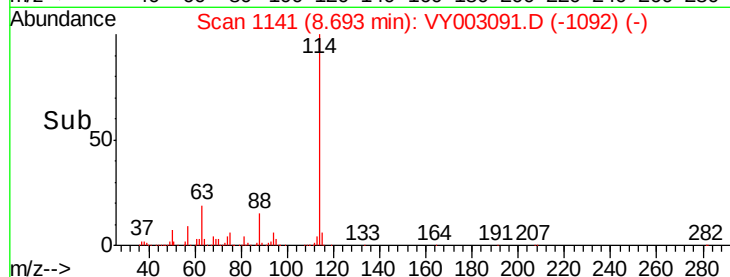
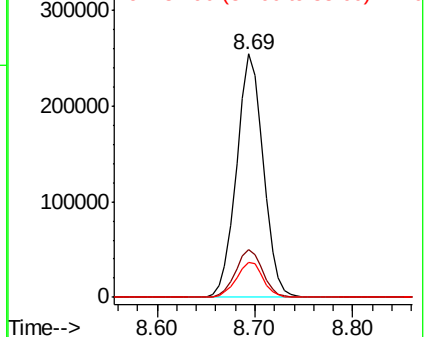
88 14.5 0.0 30.0



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: 53.578 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY003091.D

Acq: 02 Jul 2020 17:34

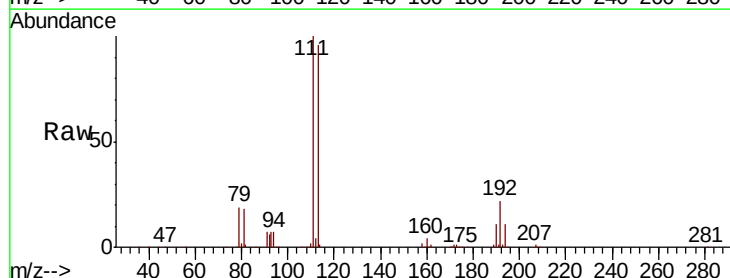
Tgt Ion:113 Resp: 161296

Ion Ratio Lower Upper

113 100

111 101.2 82.6 123.8

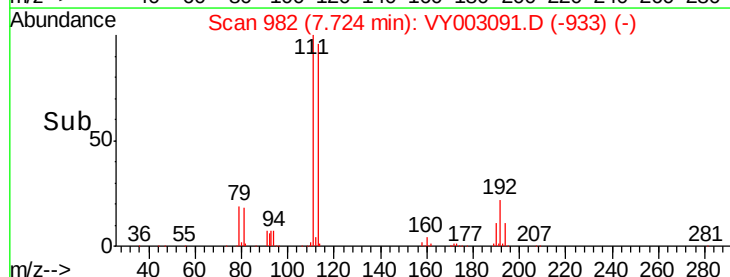
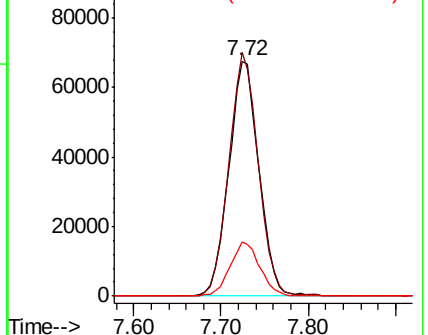
192 22.8 18.1 27.1

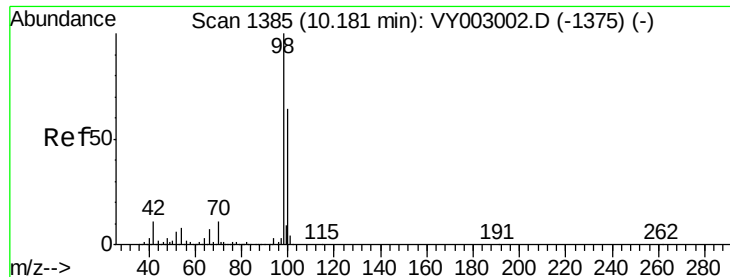


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.332 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003091.D

Acq: 02 Jul 2020 17:34

Instrument :

MSVOA_Y

ClientSampleId :

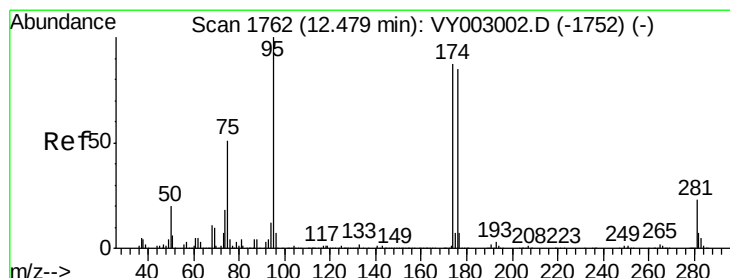
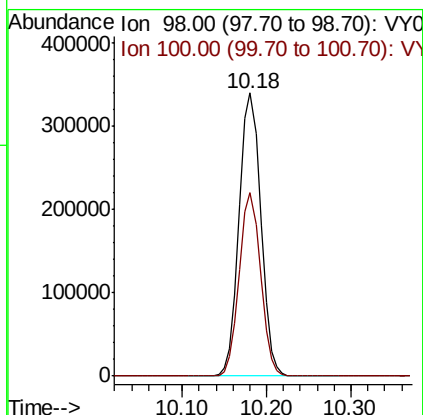
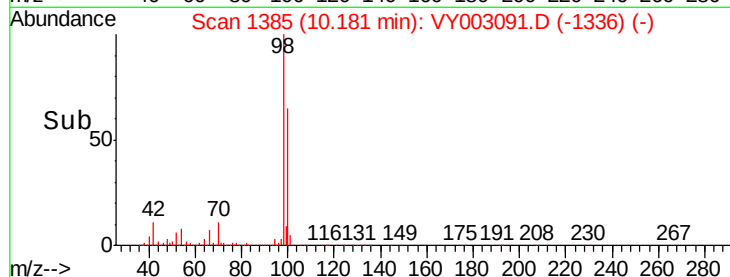
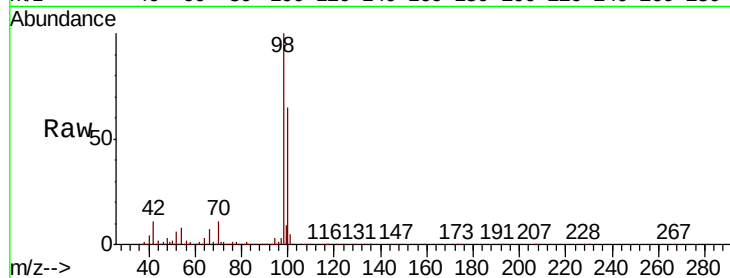
WF-COMP

Tot Ion: 98 Resp: 586927

Ion Ratio Lower Upper

98 100

100 63.7 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 54.185 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003091.D

Acq: 02 Jul 2020 17:34

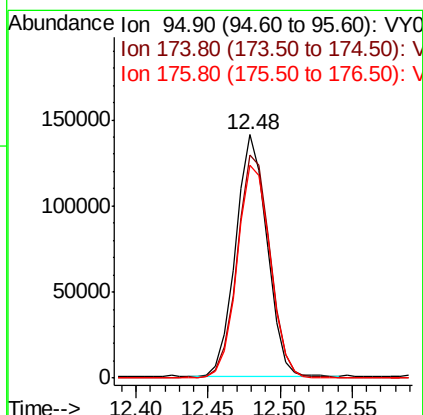
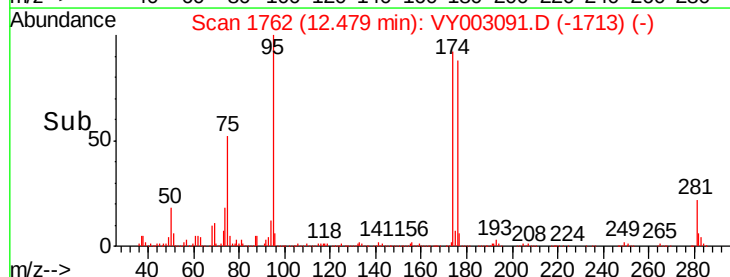
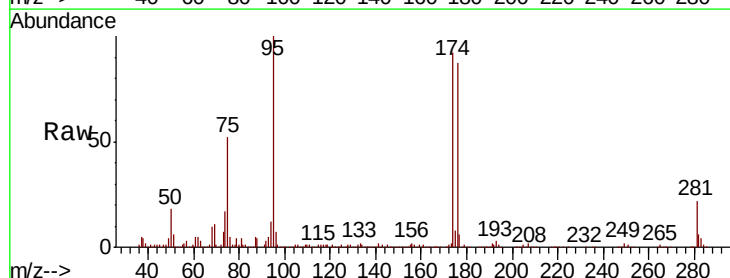
Tgt Ion: 95 Resp: 213915

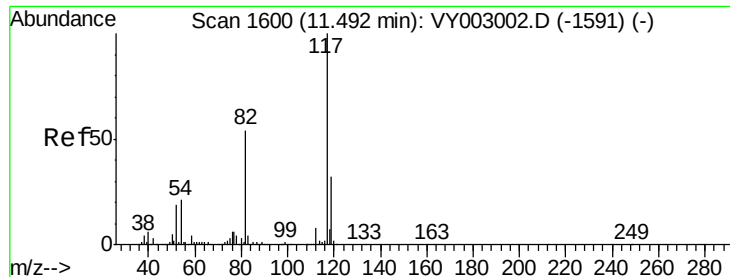
Ion Ratio Lower Upper

95 100

174 96.2 0.0 184.8

176 91.9 0.0 183.0

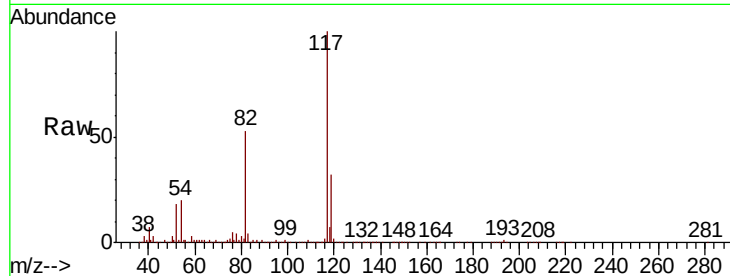




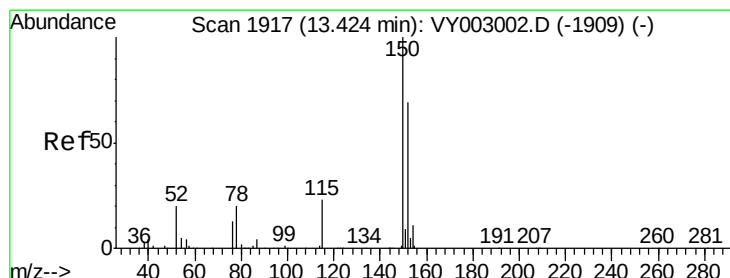
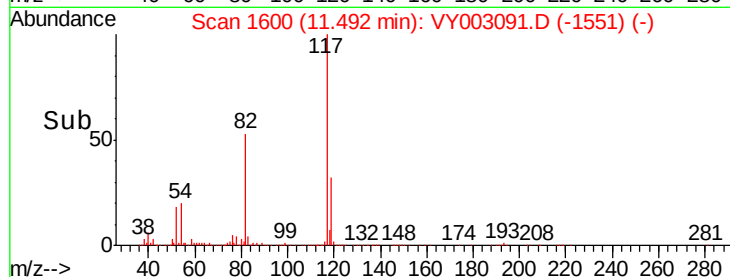
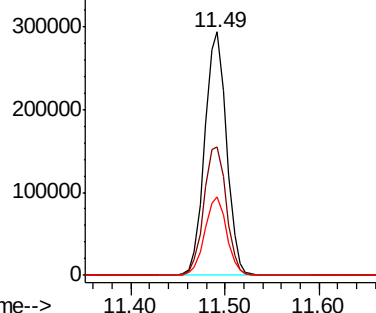
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003091.D
Acq: 02 Jul 2020 17:34

Instrument :
MSVOA_Y
ClientSampleId :
WF-COMP

Tot Ion:117 Resp: 469399
Ion Ratio Lower Upper
117 100
82 52.7 43.0 64.6
119 32.3 25.8 38.8

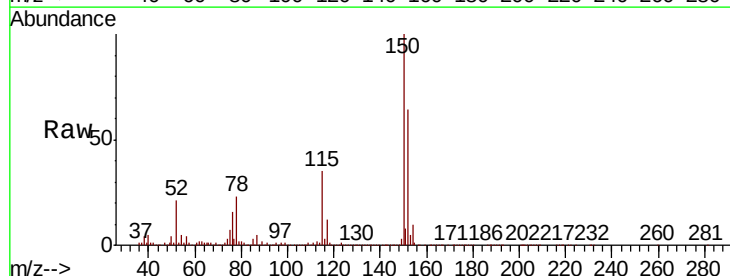


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003091.D
Acq: 02 Jul 2020 17:34

Tgt Ion:152 Resp: 238901
Ion Ratio Lower Upper
152 100
115 55.0 27.3 81.9
150 157.2 0.0 343.4



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

