

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072320\
 Data File : VY003317.D
 Acq On : 23 Jul 2020 15:34
 Operator : SY/MD
 Sample : L3415-02
 Misc : 6.23G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TT-024-IDWSO-20200722

Quant Time: Jul 24 05:41:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

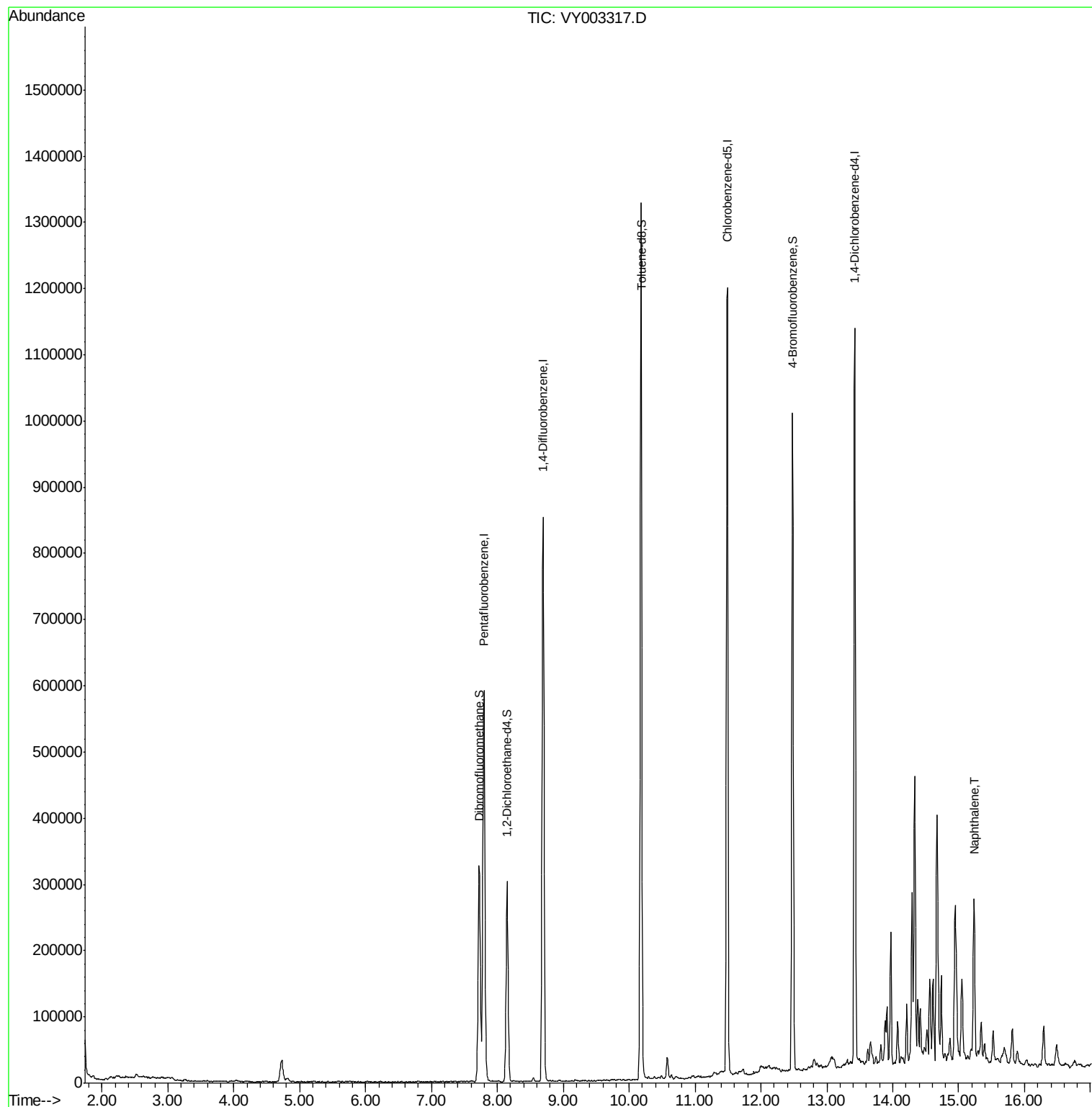
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	480590	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	741797	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	672797	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	294264	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	231329	57.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.06%	
35) Dibromofluoromethane	7.72	113	230863	54.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.16%	
50) Toluene-d8	10.18	98	895725	56.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.88%	
62) 4-Bromofluorobenzene	12.48	95	278404	48.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.12%	
Target Compounds						
95) Naphthalene	15.23	128	204043	21.878	ug/l	Qvalue 99

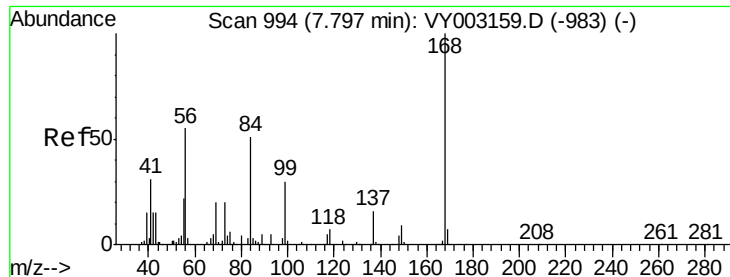
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY003317.D

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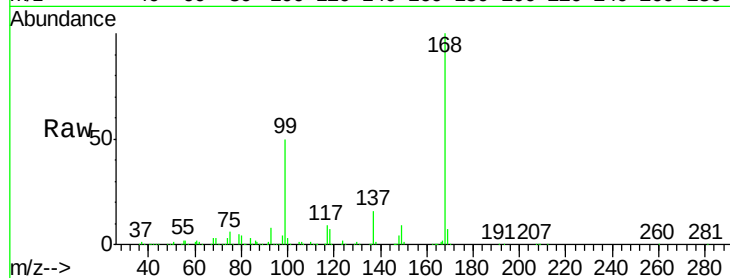
TT-024-IDWSO-20200722

Tot Ion:168 Resp: 480590

Ion Ratio Lower Upper

168 100

99 50.0 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003317.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003317.D (-945) (-)

7.80

250000

200000

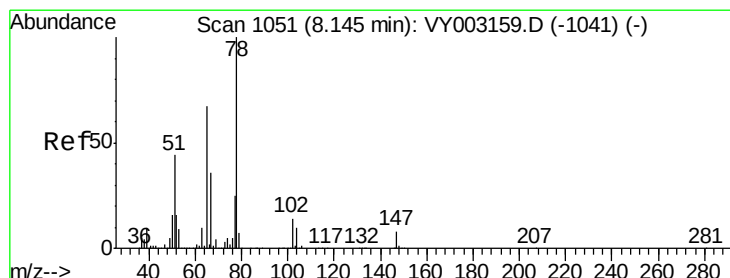
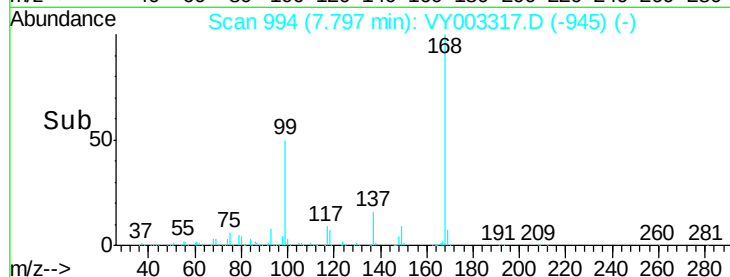
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 57.029 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VY003317.D

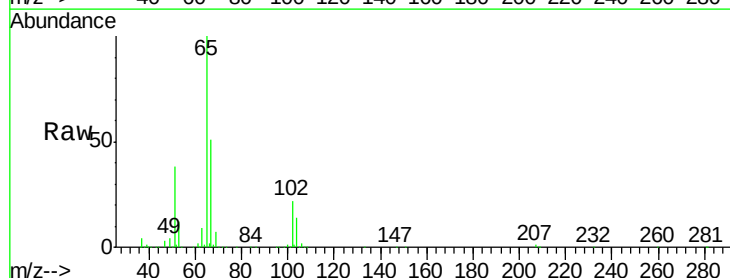
Acq: 23 Jul 2020 15:34

Tgt Ion: 65 Resp: 231329

Ion Ratio Lower Upper

65 100

67 54.5 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY003317.D (-1002) (-)

Ion 66.90 (66.60 to 67.60): VY003317.D (-1002) (-)

8.14

120000

100000

80000

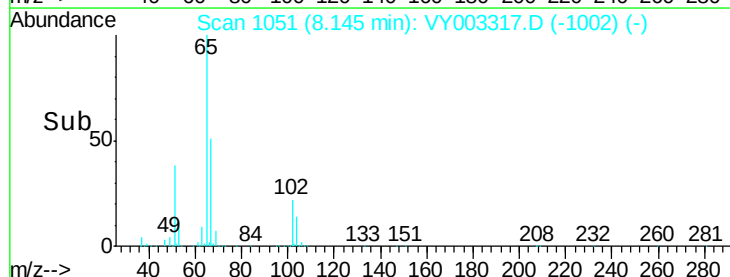
60000

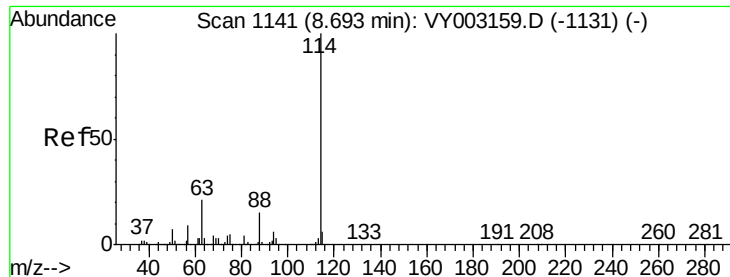
40000

20000

0

Time-->

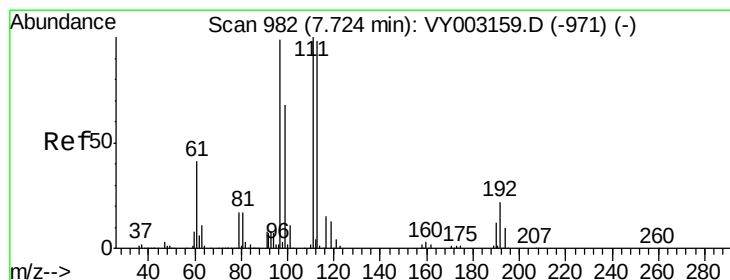
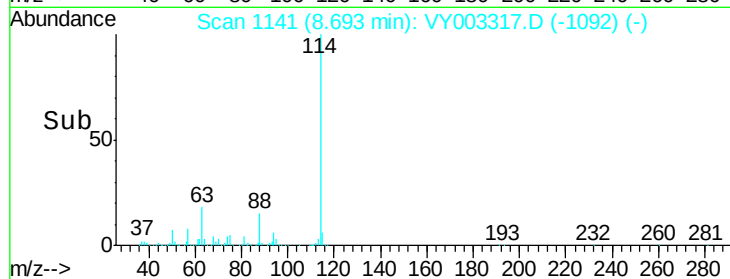
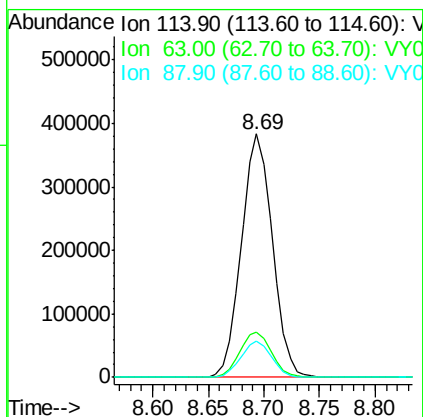
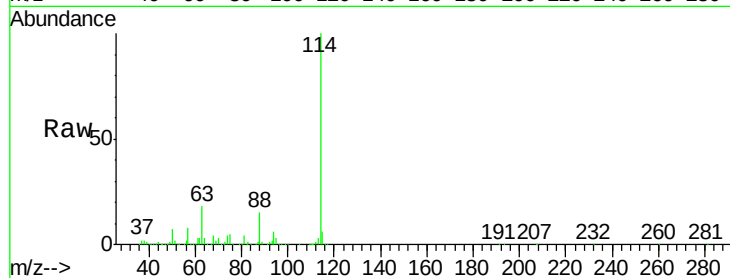




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003317.D
 Acq: 23 Jul 2020 15:34

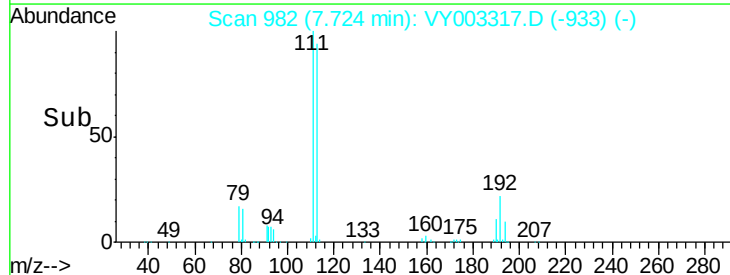
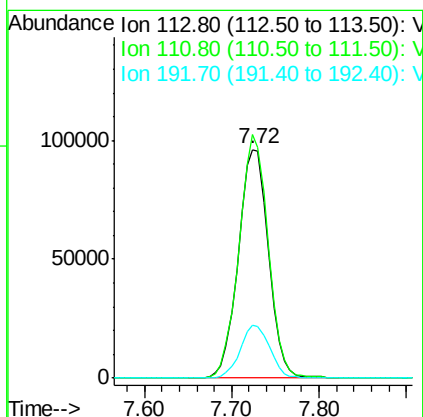
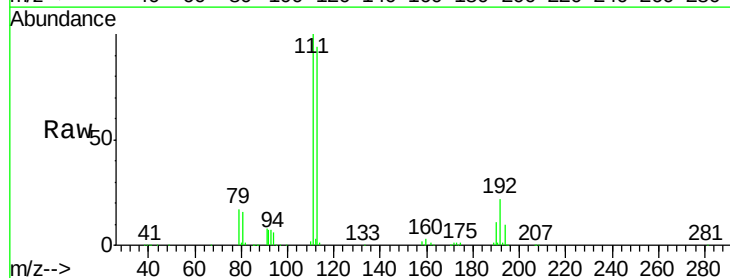
Instrument :
 MSVOA_Y
 ClientSampleId :
 TT-024-IDWSO-20200722

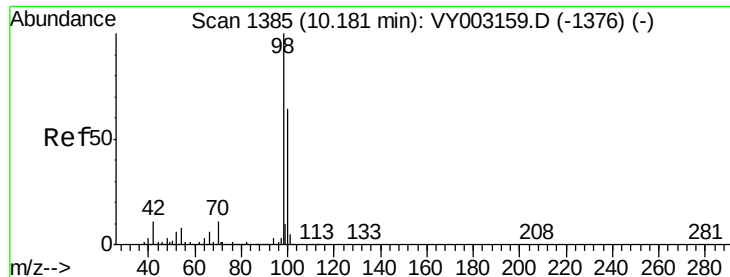
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	41.2
88	15.0	0.0	30.2



#35
 Dibromofluoromethane
 Concen: 54.081 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003317.D
 Acq: 23 Jul 2020 15:34

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.1	123.1
192	22.8	18.8	28.2





#50

Toluene-d8

Concen: 56.438 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003317.D

Acq: 23 Jul 2020 15:34

Instrument :

MSVOA_Y

ClientSampleId :

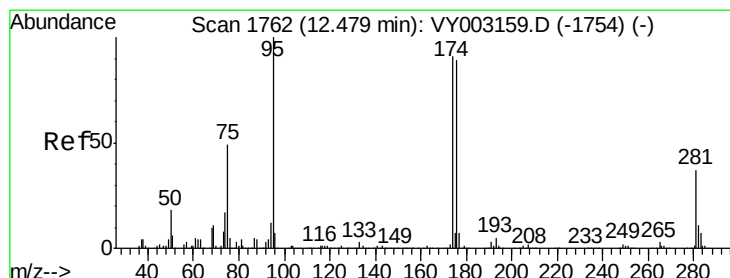
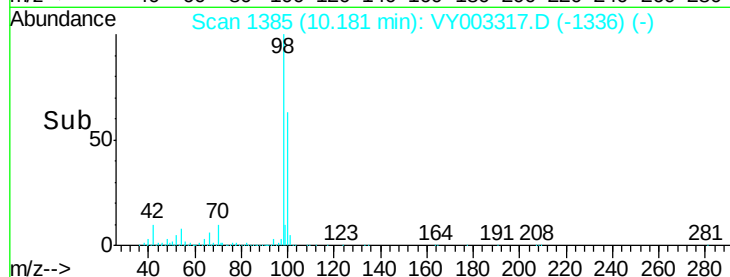
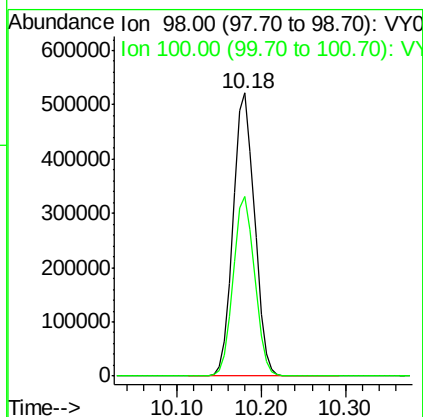
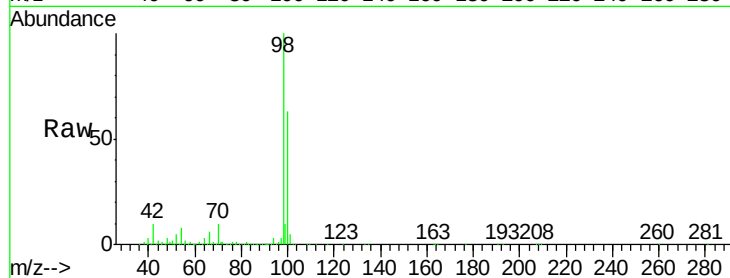
TT-024-IDWSO-20200722

Tot Ion: 98 Resp: 895725

Ion Ratio Lower Upper

98 100

100 63.7 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 48.557 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003317.D

Acq: 23 Jul 2020 15:34

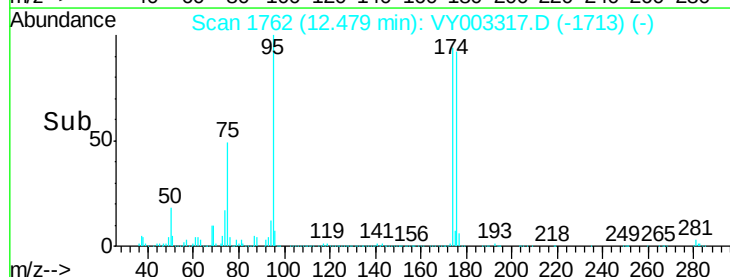
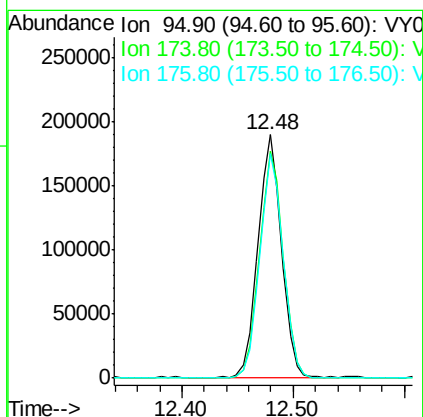
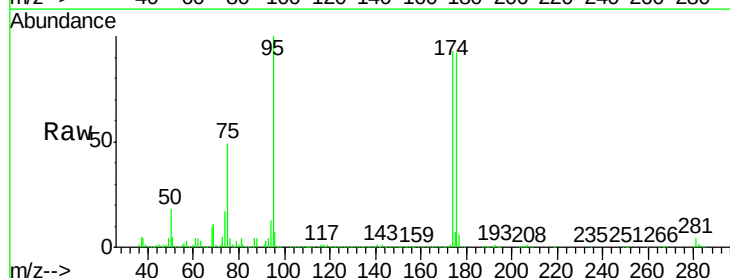
Tgt Ion: 95 Resp: 278404

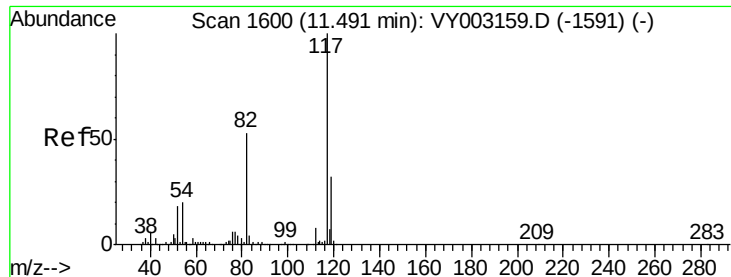
Ion Ratio Lower Upper

95 100

174 95.1 0.0 190.6

176 92.3 0.0 186.4

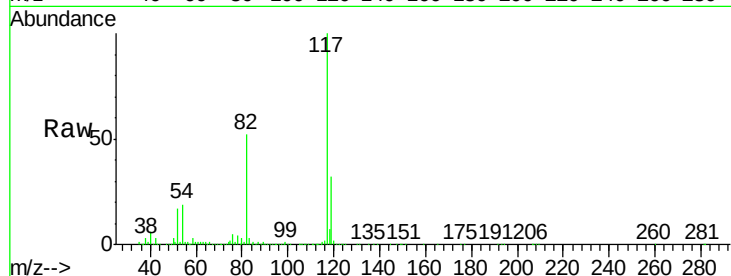




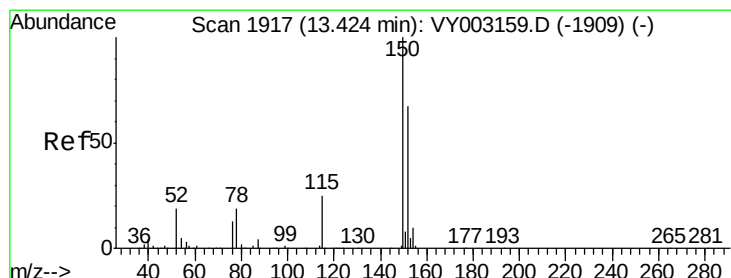
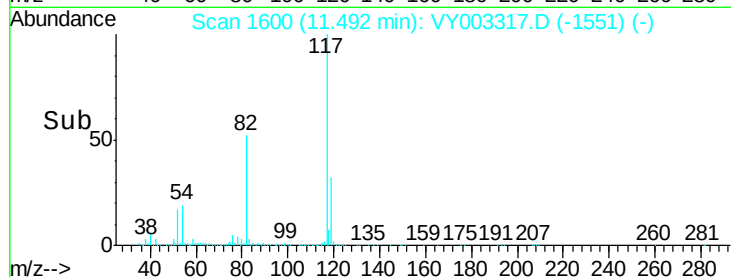
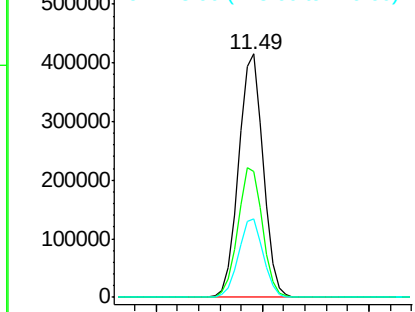
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003317.D
Acq: 23 Jul 2020 15:34

Instrument :
MSVOA_Y
ClientSampleId :
TT-024-IDWSO-20200722

Tot Ion:117 Resp: 672797
Ion Ratio Lower Upper
117 100
82 51.7 42.0 63.0
119 32.3 25.5 38.3

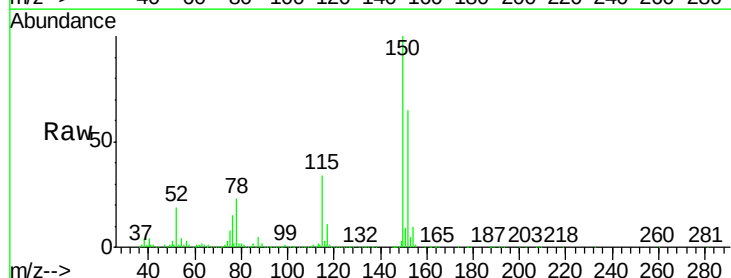


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

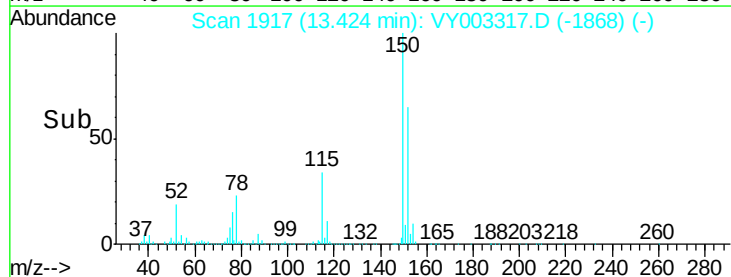
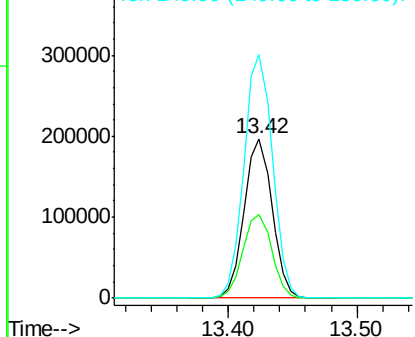


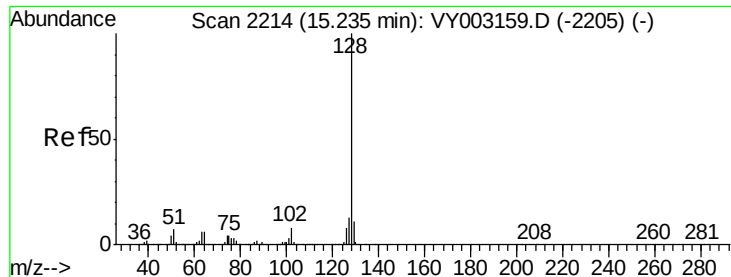
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003317.D
Acq: 23 Jul 2020 15:34

Tgt Ion:152 Resp: 294264
Ion Ratio Lower Upper
152 100
115 54.4 26.9 80.7
150 155.6 0.0 338.0



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: 21.878 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY003317.D

Acq: 23 Jul 2020 15:34

Instrument :

MSVOA_Y

ClientSampleId :

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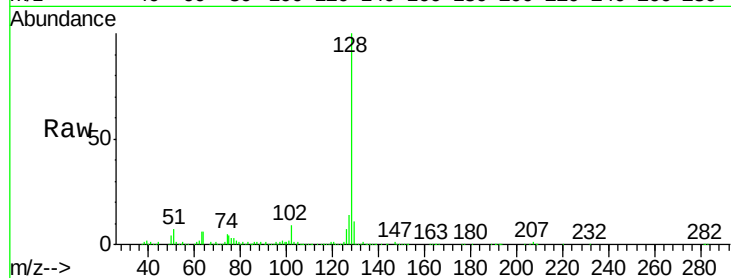
Tot Ion:128 Resp: 204043

Ion Ratio Lower Upper

128 100

127 13.6 10.9 16.3

129 10.7 9.0 13.6



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

