

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070120\
 Data File : VY003069.D
 Acq On : 01 Jul 2020 19:23
 Operator : SY/MD
 Sample : L3172-23
 Misc : 5.04G/5ML/MSVOA Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP9-SS

Quant Time: Jul 02 04:07:10 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

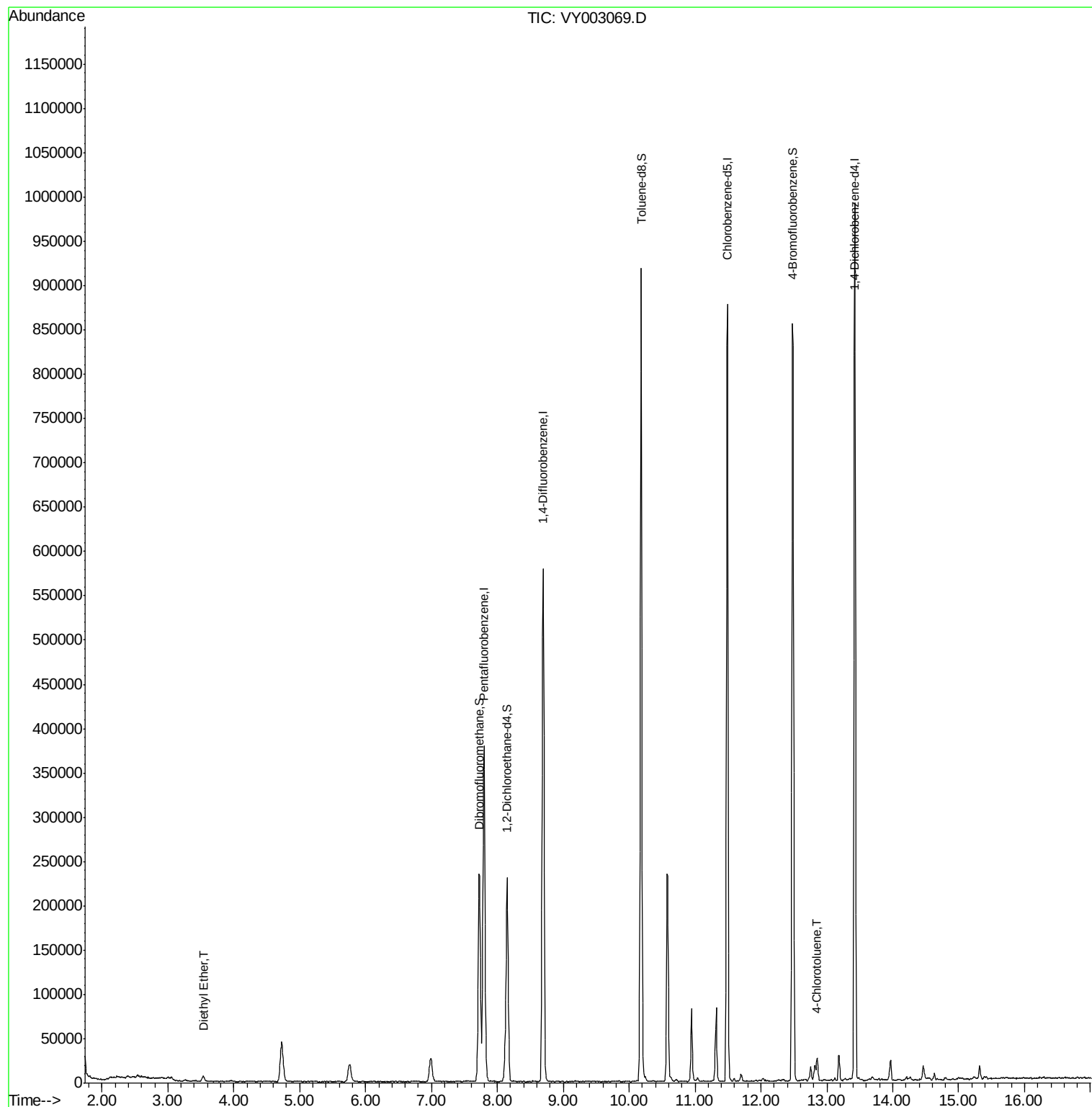
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	309909	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	500540	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	481306	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	254376	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	171733	55.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.58%	
35) Dibromofluoromethane	7.72	113	167131	53.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.06%	
50) Toluene-d8	10.18	98	598807	51.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.96%	
62) 4-Bromofluorobenzene	12.48	95	221554	54.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.22%	
Target Compounds						
8) Diethyl Ether	3.53	74	3703	2.283	ug/l	93
82) 4-Chlorotoluene	12.86	91	13818	1.188	ug/l	95

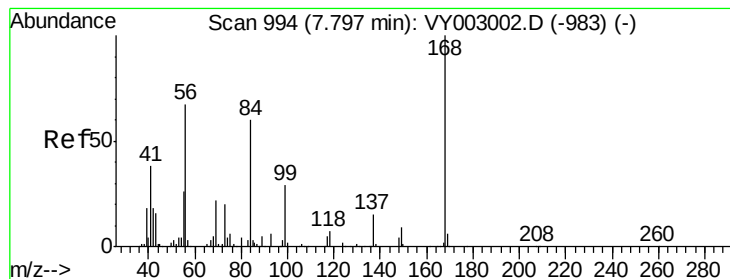
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY003069.D

Acq: 01 Jul 2020 19:23

Instrument :

MSVOA_Y

ClientSampled :

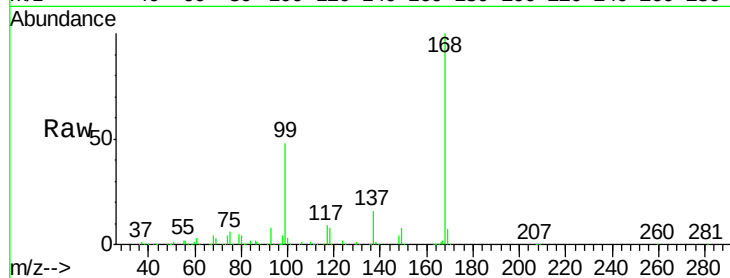
TP9-SS

Tot Ion:168 Resp: 309909

Ion Ratio Lower Upper

168 100

99 48.2 39.2 58.8



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

Ion 98.90 (98.60 to 99.60): VY003002.D (-983) (-)

7.80

150000

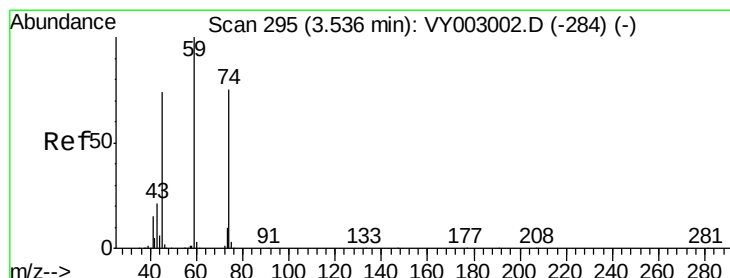
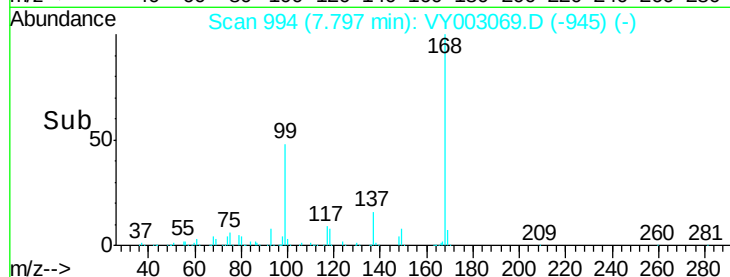
100000

50000

0

7.70 7.80 7.90

Time-->



#8

Diethyl Ether

Concen: 2.283 ug/l

RT: 3.53 min Scan# 294

Delta R.T. -0.01 min

Lab File: VY003069.D

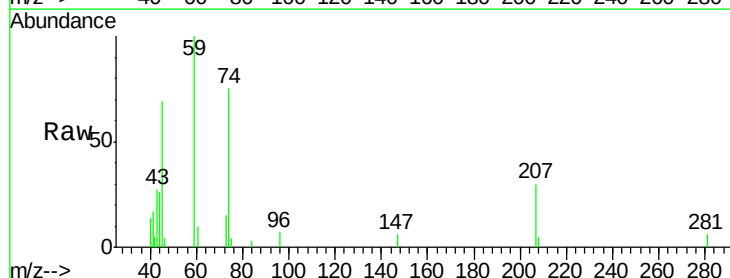
Acq: 01 Jul 2020 19:23

Tgt Ion: 74 Resp: 3703

Ion Ratio Lower Upper

74 100

45 105.0 49.3 147.9



Abundance Ion 74.00 (73.70 to 74.70): VY003002.D (-284) (-)

Ion 45.00 (44.70 to 45.70): VY003002.D (-284) (-)

3.53

2000

1500

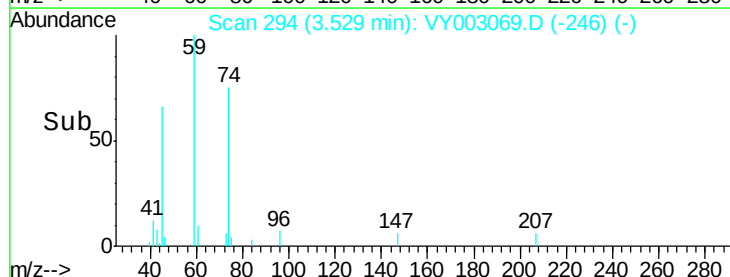
1000

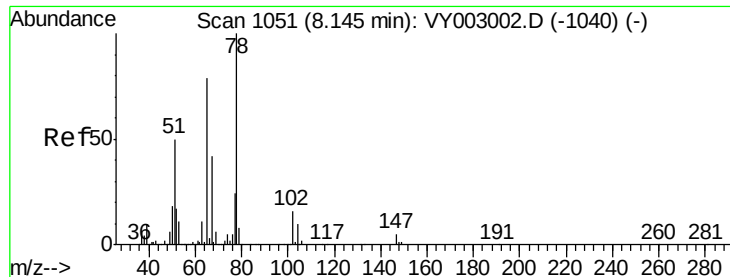
500

0

3.45 3.50 3.55 3.60

Time-->

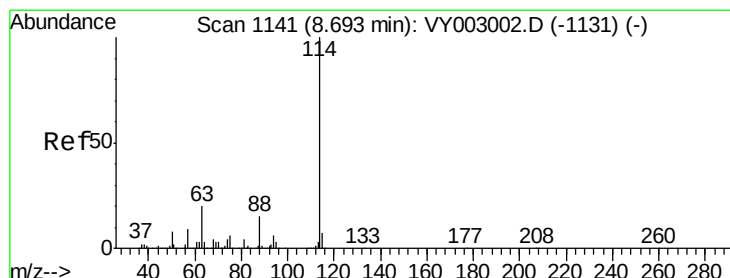
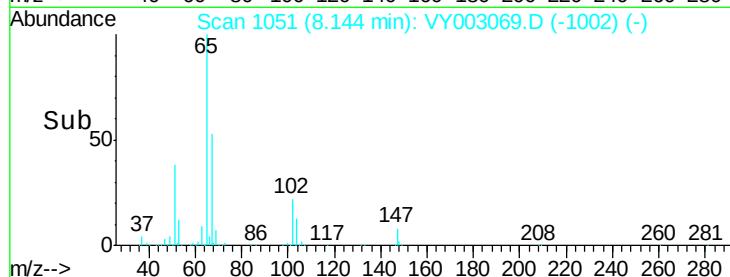
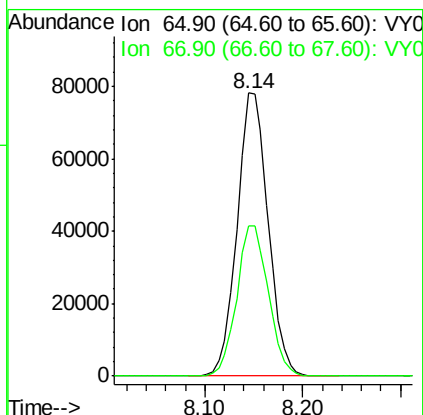
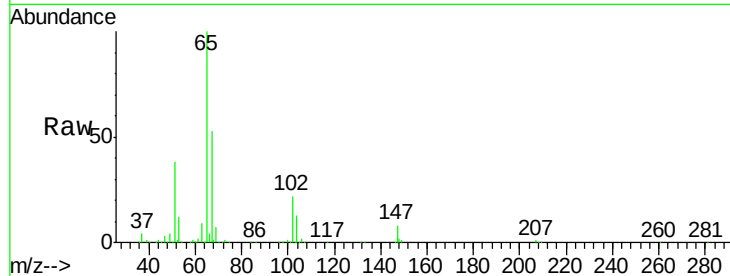




#33
 1,2-Dichloroethane-d4
 Concen: 55.793 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003069.D
 Acq: 01 Jul 2020 19:23

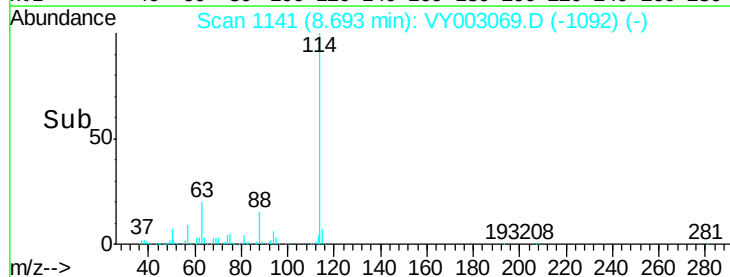
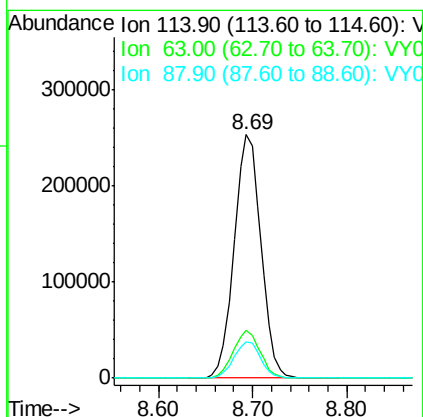
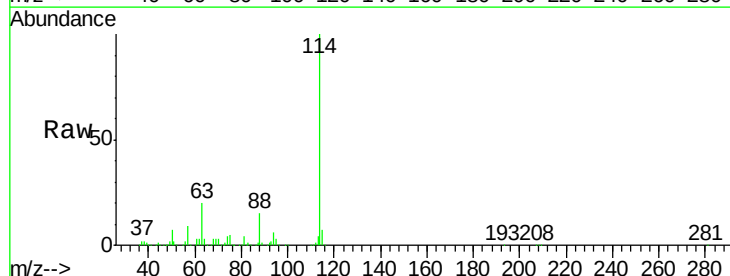
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP9-SS

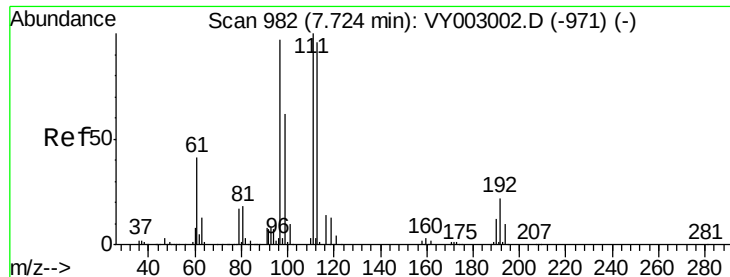
Tot Ion: 65 Resp: 171733
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003069.D
 Acq: 01 Jul 2020 19:23

Tgt Ion: 114 Resp: 500540
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.6
 88 14.8 0.0 30.0

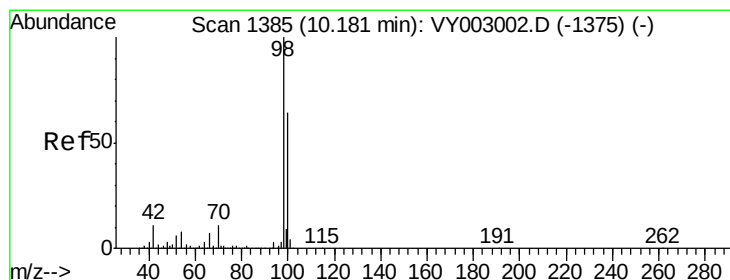
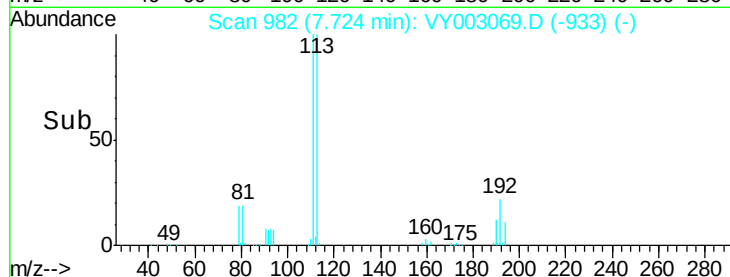
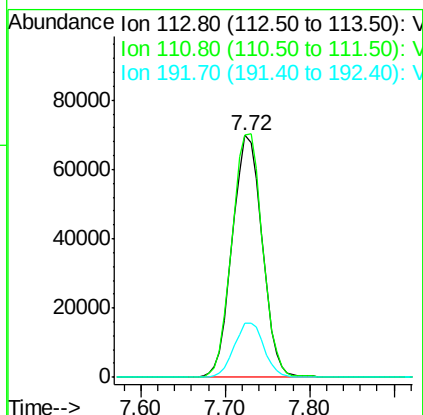
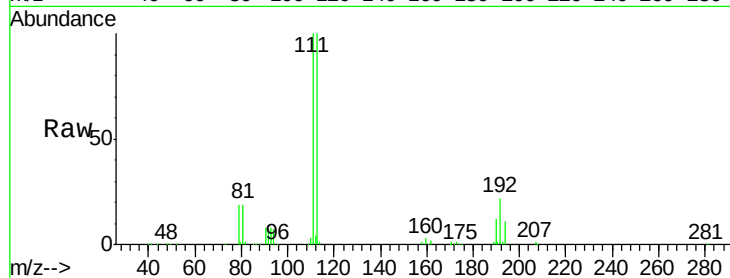




#35
 Dibromofluoromethane
 Concen: 53.526 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003069.D
 Acq: 01 Jul 2020 19:23

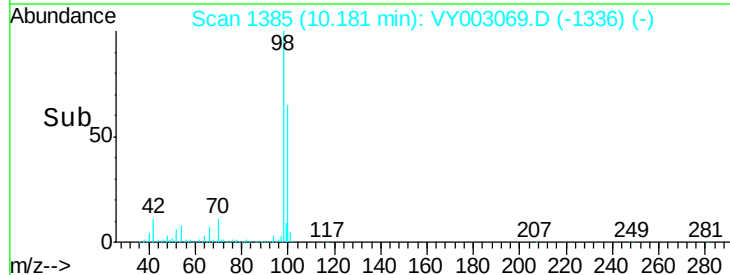
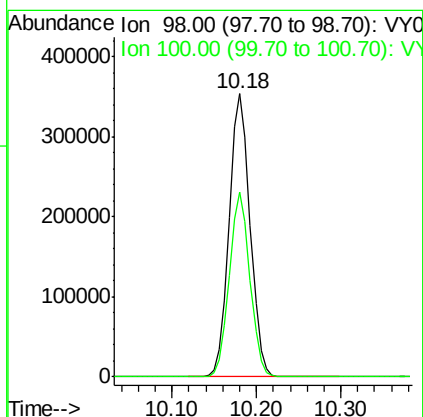
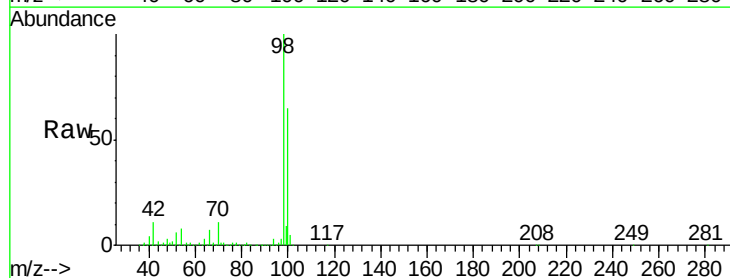
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP9-SS

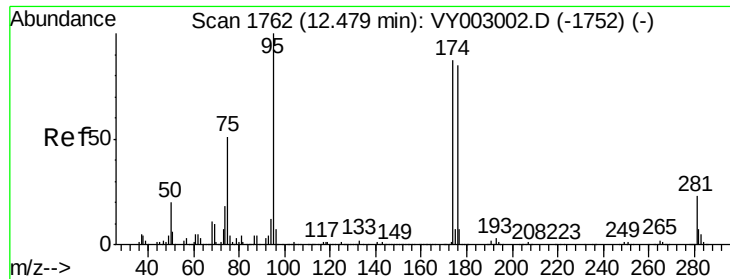
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.6	123.8
192	22.4	18.1	27.1



#50
 Toluene-d8
 Concen: 51.477 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: VY003069.D
 Acq: 01 Jul 2020 19:23

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.1	76.7





#62

4-Bromofluorobenzene

Concen: 54.108 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003069.D

Acq: 01 Jul 2020 19:23

Instrument :

MSVOA_Y

ClientSampleId :

TP9-SS

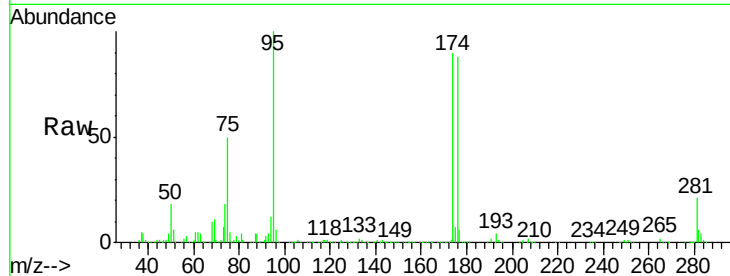
Tot Ion: 95 Resp: 221554

Ion Ratio Lower Upper

95 100

174 94.3 0.0 184.8

176 90.8 0.0 183.0

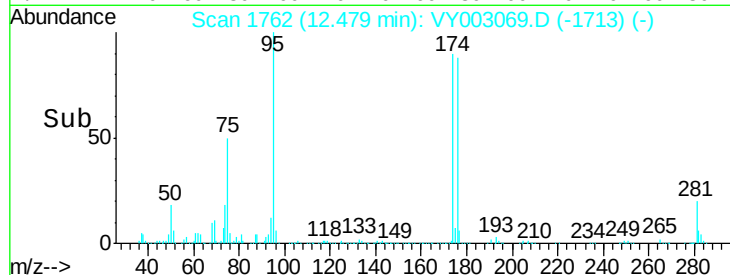


Abundance Ion 94.90 (94.60 to 95.60): VY003002.D (-1752) (-)

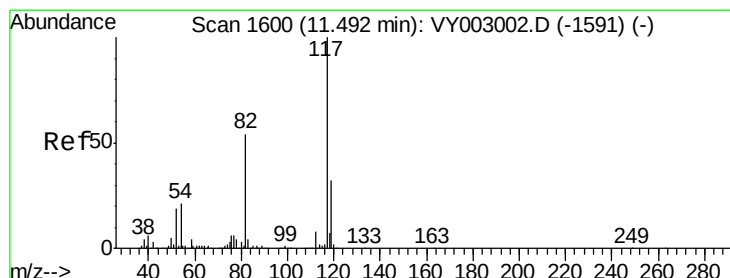
Ion 173.80 (173.50 to 174.50): VY003002.D (-1752) (-)

Ion 175.80 (175.50 to 176.50): VY003002.D (-1752) (-)

12.48



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY003069.D

Acq: 01 Jul 2020 19:23

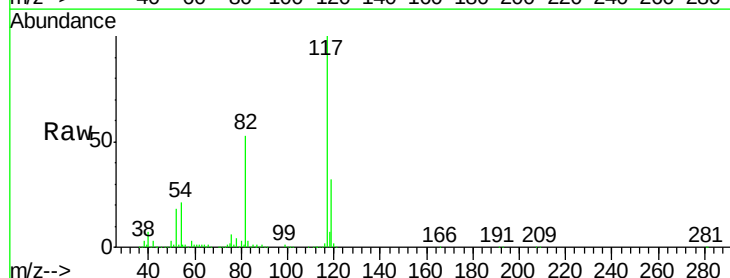
Tgt Ion: 117 Resp: 481306

Ion Ratio Lower Upper

117 100

82 53.4 43.0 64.6

119 31.6 25.8 38.8

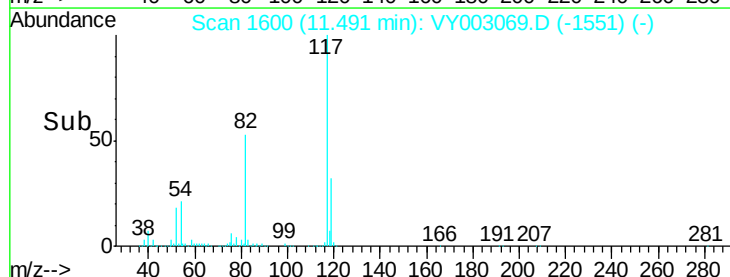


Abundance Ion 116.90 (116.60 to 117.60): VY003002.D (-1591) (-)

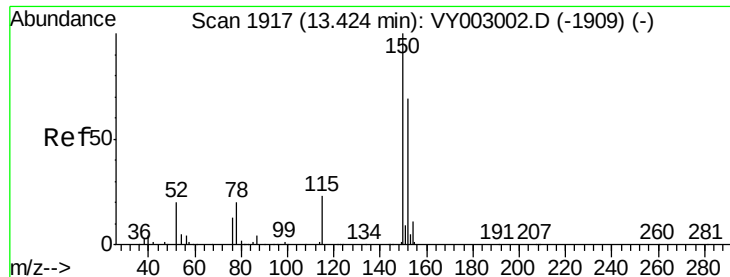
Ion 82.00 (81.70 to 82.70): VY003002.D (-1591) (-)

Ion 118.90 (118.60 to 119.60): VY003002.D (-1591) (-)

11.49



Time-->

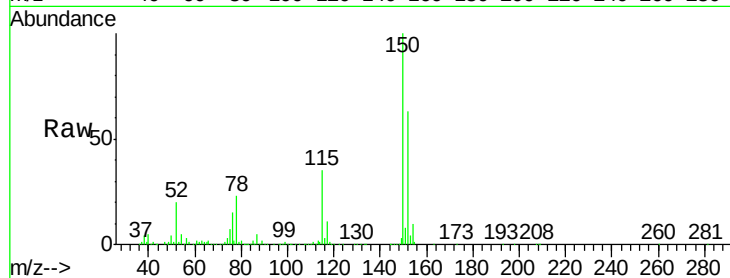


#72

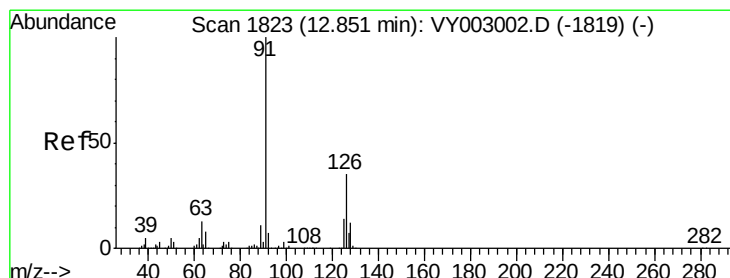
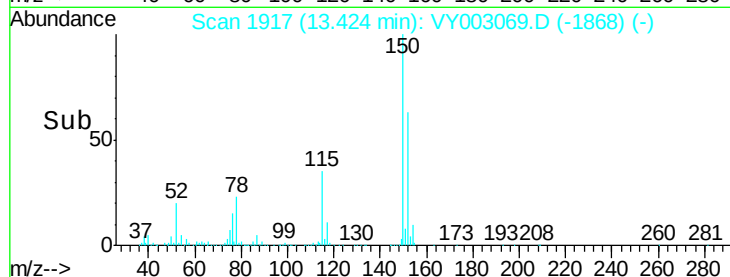
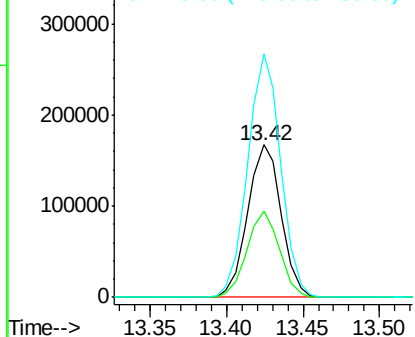
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003069.D
Acq: 01 Jul 2020 19:23

Instrument :
MSVOA_Y
ClientSampled :
TP9-SS

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.9	27.3	81.9
150	156.7	0.0	343.4



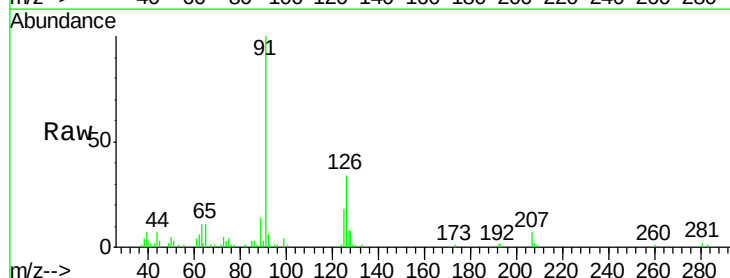
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#82

4-Chlorotoluene
Concen: 1.188 ug/l
RT: 12.86 min Scan# 1824
Delta R.T. 0.01 min
Lab File: VY003069.D
Acq: 01 Jul 2020 19:23

Tgt Ion	Ratio	Lower	Upper
91	100		
126	38.0	17.4	52.3



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 125.90 (125.60 to 126.60): V

