

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070620\
 Data File : VY003103.D
 Acq On : 06 Jul 2020 10:45
 Operator : SY/MD
 Sample : VY0706SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0706SBL01

Quant Time: Jul 07 07:46:53 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	427891	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	634026	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	575728	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	300126	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	206478	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	
35) Dibromofluoromethane	7.72	113	201339	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	
50) Toluene-d8	10.18	98	743292	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	
62) 4-Bromofluorobenzene	12.48	95	257816	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	

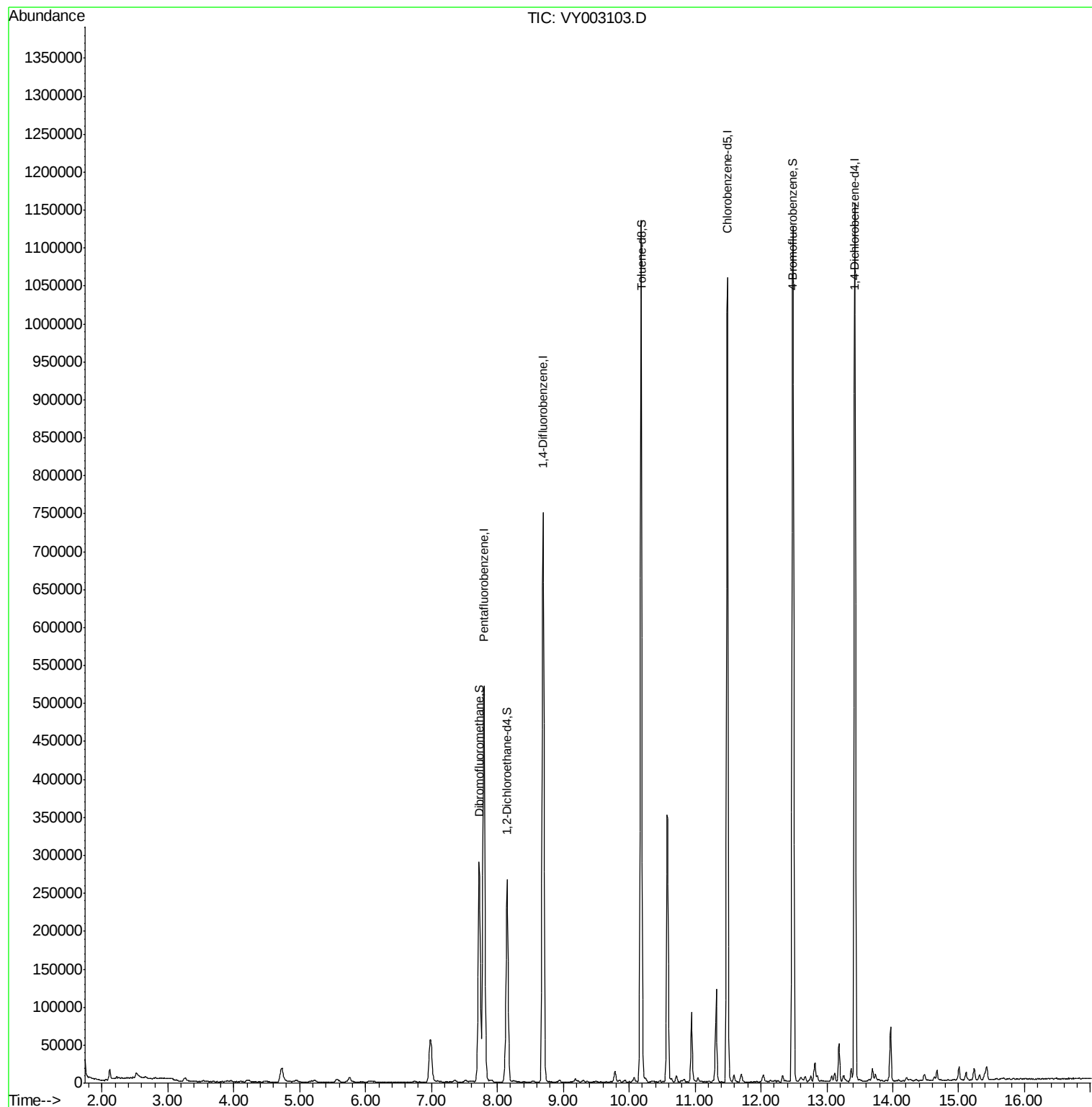
Target Compounds	Qvalue
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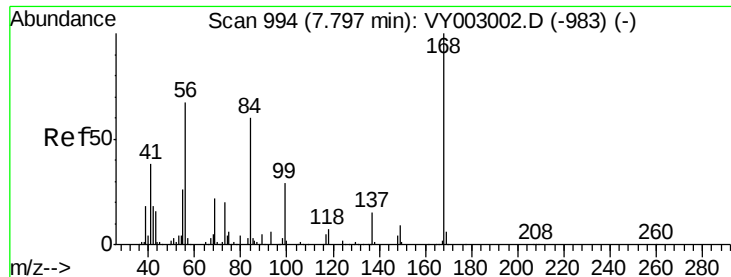
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY003103.D

Acq: 06 Jul 2020 10:45

Instrument :

MSVOA_Y

ClientSampleId :

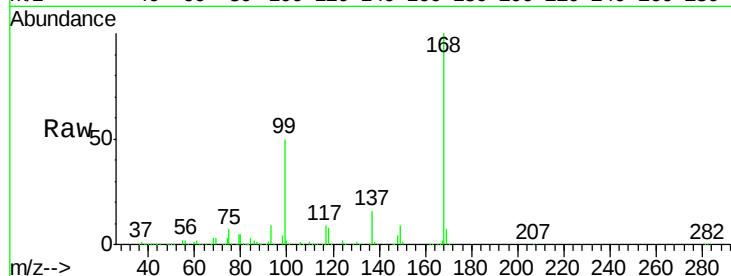
VY0706SBL01

Tot Ion:168 Resp: 427891

Ion Ratio Lower Upper

168 100

99 49.5 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003103.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003103.D (-945) (-)

7.80

200000

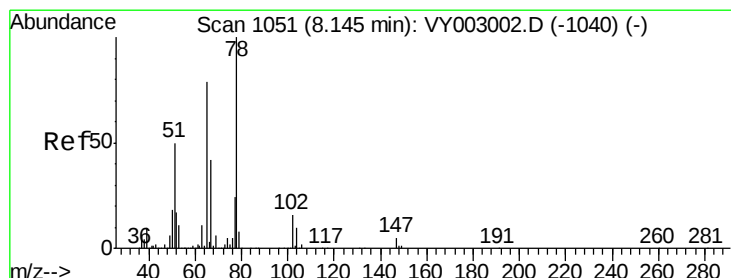
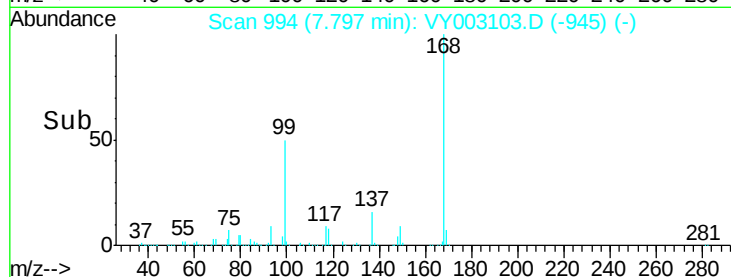
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.585 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VY003103.D

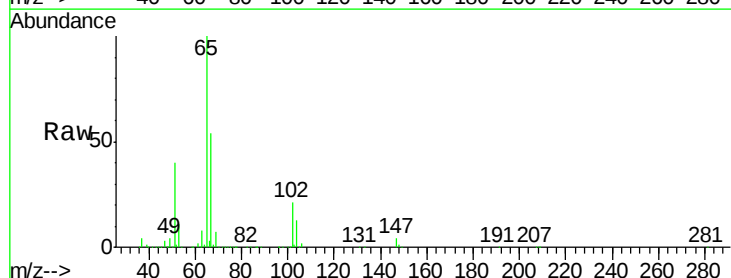
Acq: 06 Jul 2020 10:45

Tgt Ion: 65 Resp: 206478

Ion Ratio Lower Upper

65 100

67 52.5 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VY003103.D (-1002) (-)

Ion 66.90 (66.60 to 67.60): VY003103.D (-1002) (-)

8.14

100000

80000

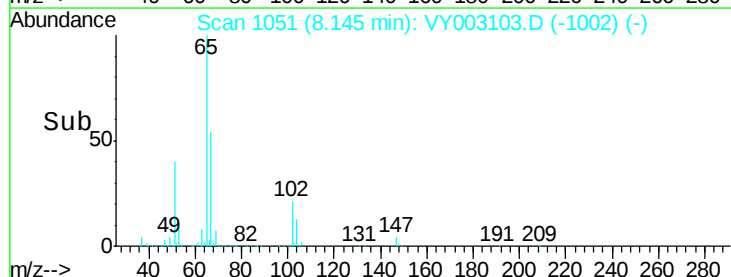
60000

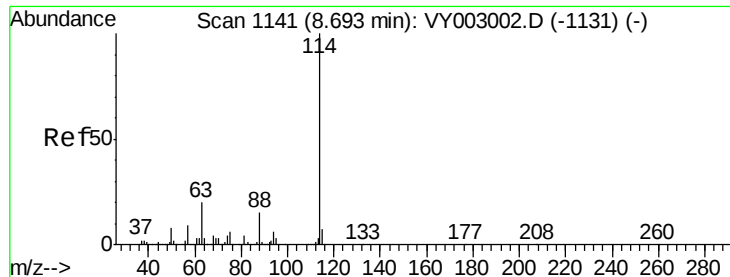
40000

20000

0

Time-->

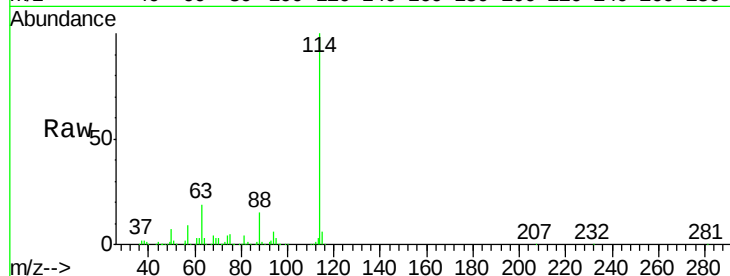




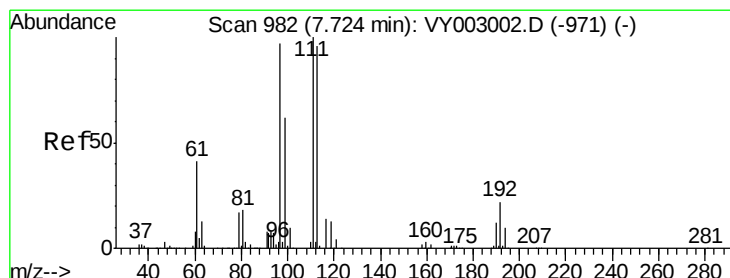
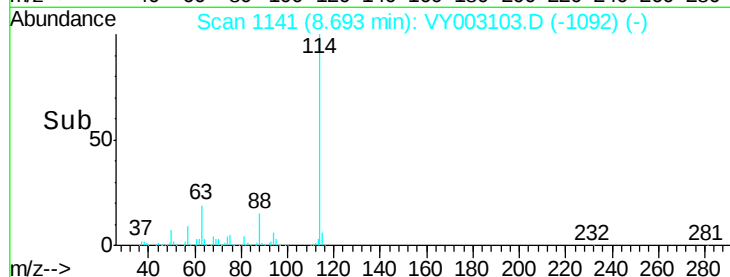
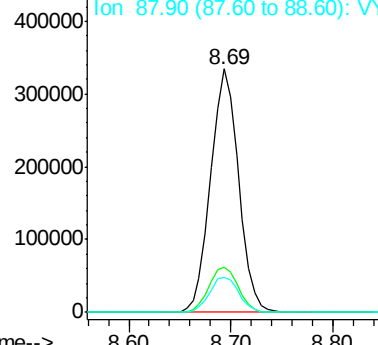
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003103.D
 Acq: 06 Jul 2020 10:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0706SBL01

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	40.6
88	14.5	0.0	30.0

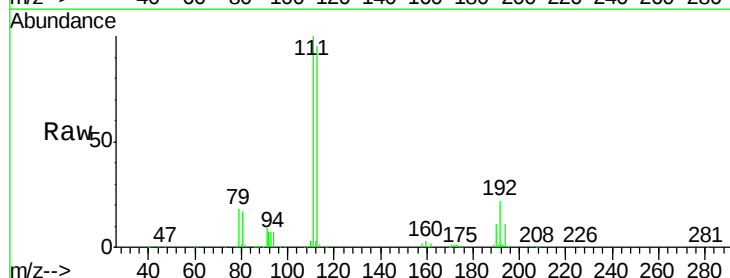


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

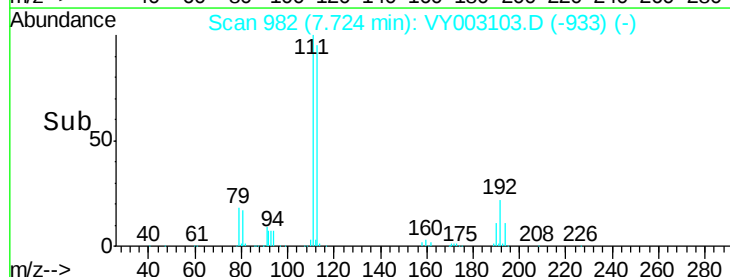
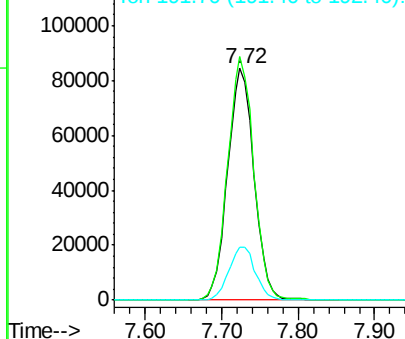


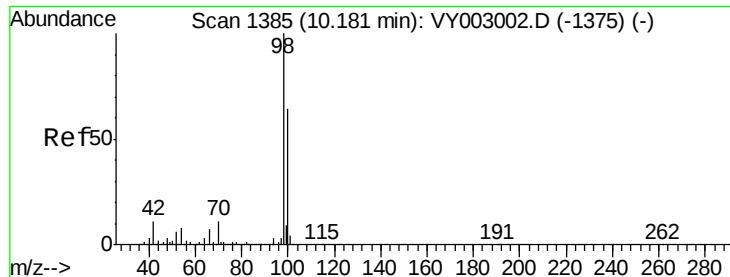
#35
 Dibromofluoromethane
 Concen: 50.905 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003103.D
 Acq: 06 Jul 2020 10:45

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.6	123.8
192	22.9	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: 50.445 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003103.D

Acq: 06 Jul 2020 10:45

Instrument :

MSVOA_Y

ClientSampleId :

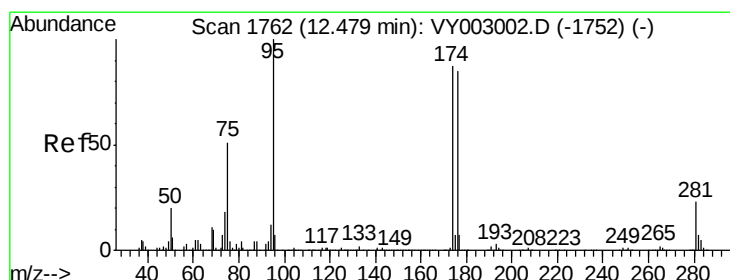
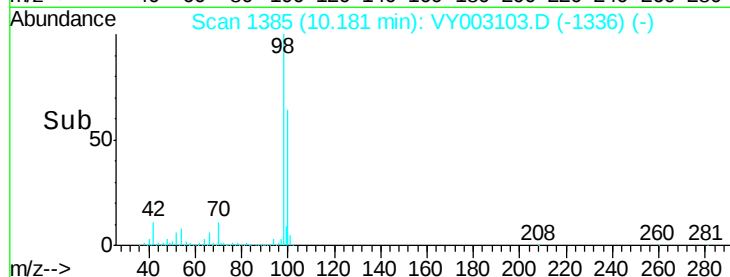
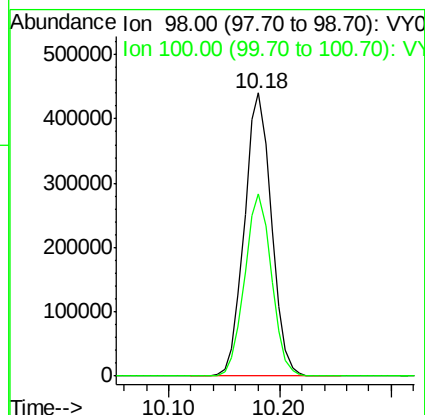
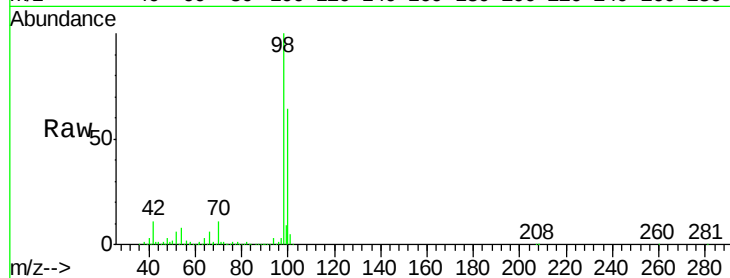
VY0706SBL01

Tot Ion: 98 Resp: 743292

Ion Ratio Lower Upper

98 100

100 63.9 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 49.708 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003103.D

Acq: 06 Jul 2020 10:45

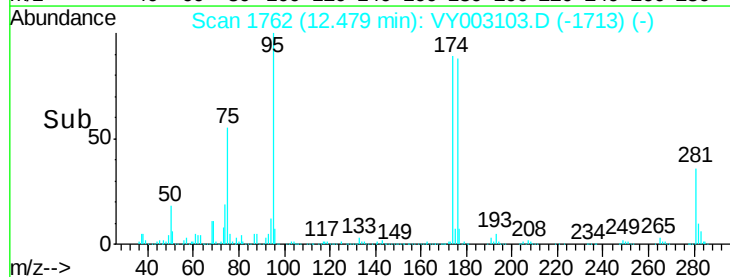
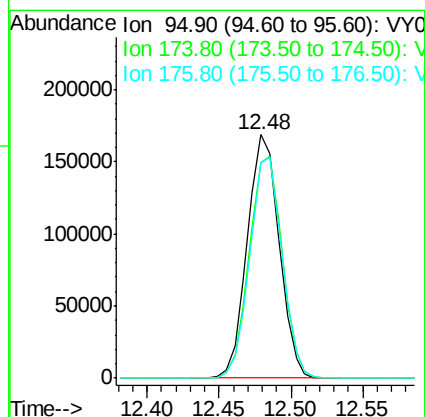
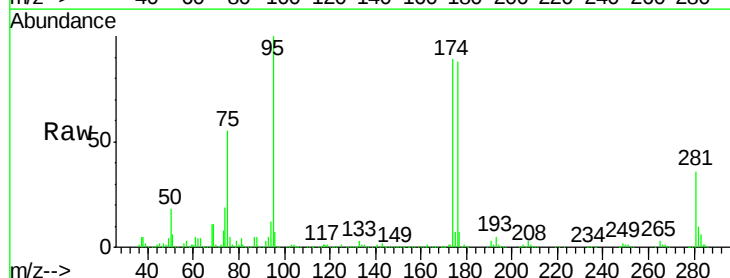
Tgt Ion: 95 Resp: 257816

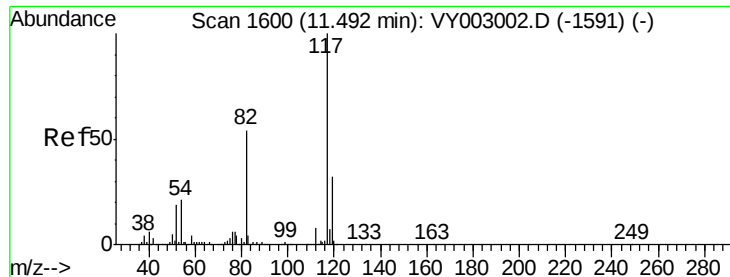
Ion Ratio Lower Upper

95 100

174 94.1 0.0 184.8

176 91.8 0.0 183.0

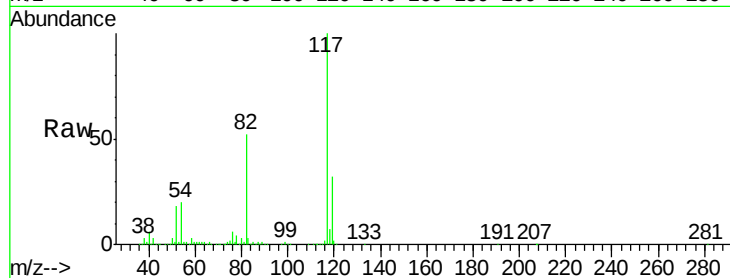




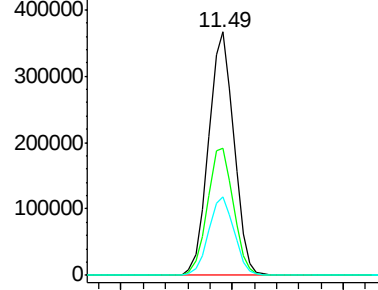
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003103.D
Acq: 06 Jul 2020 10:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0706SBL01

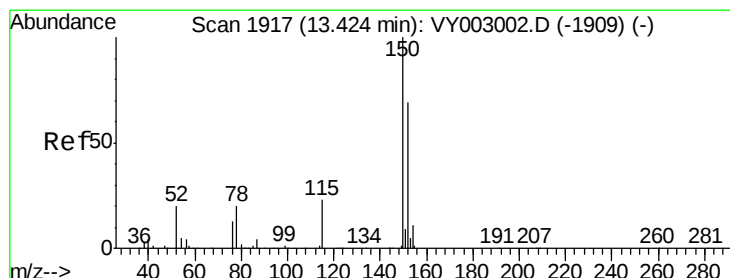
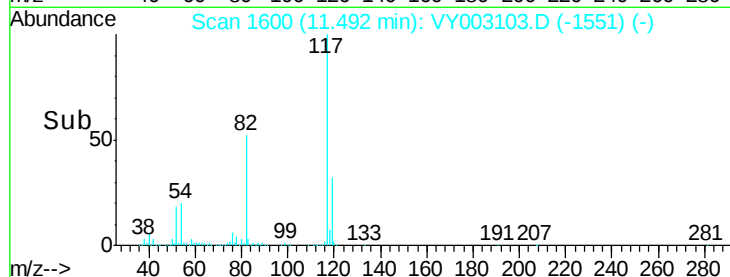
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.0	43.0	64.6
119	32.1	25.8	38.8



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

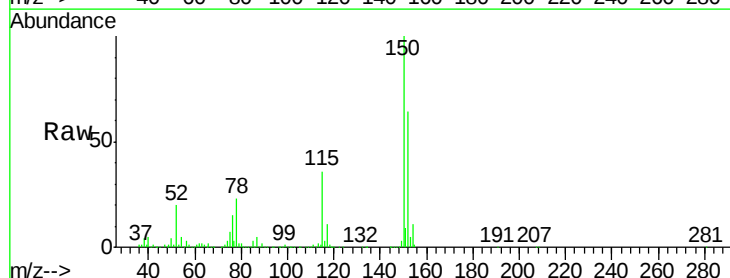


Time-->

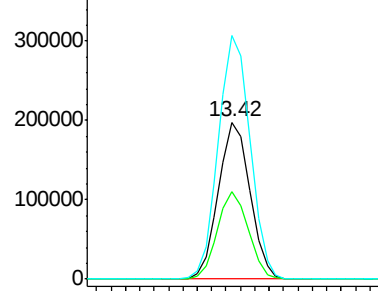


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003103.D
Acq: 06 Jul 2020 10:45

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.6	27.3	81.9
150	155.9	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



Time-->

