

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050520\
 Data File : VY002599.D
 Acq On : 05 May 2020 19:57
 Operator : SY/MD
 Sample : L2491-05
 Misc : 7.90G/5ML/MSVOA Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 6FT-TP-10

Quant Time: May 06 08:01:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	334090	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	520757	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	459986	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	211808	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	149885	53.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.72%	
35) Dibromofluoromethane	7.74	113	155883	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	
50) Toluene-d8	10.19	98	605444	52.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.12%	
62) 4-Bromofluorobenzene	12.49	95	193424	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	

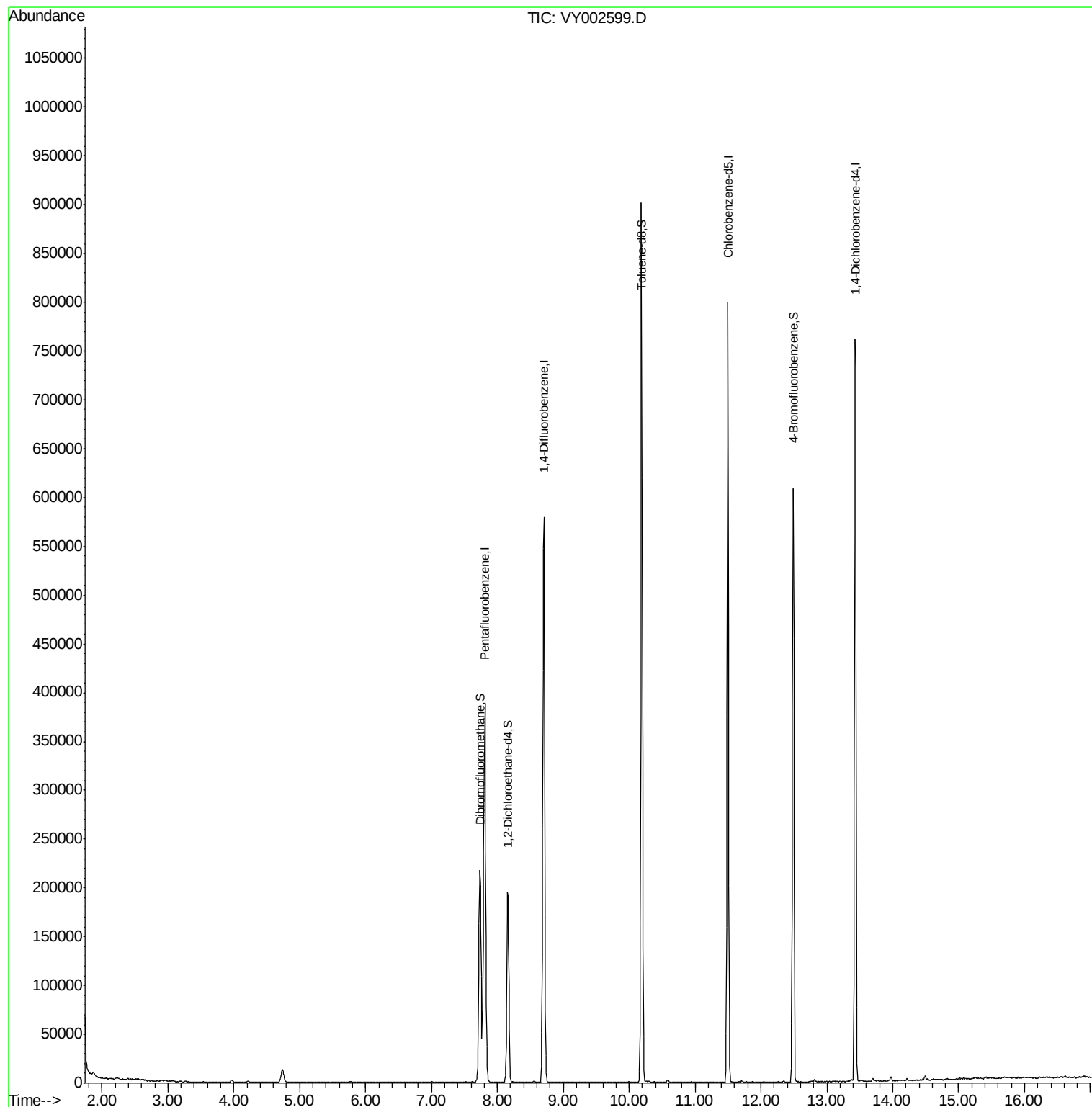
Target Compounds	Qvalue

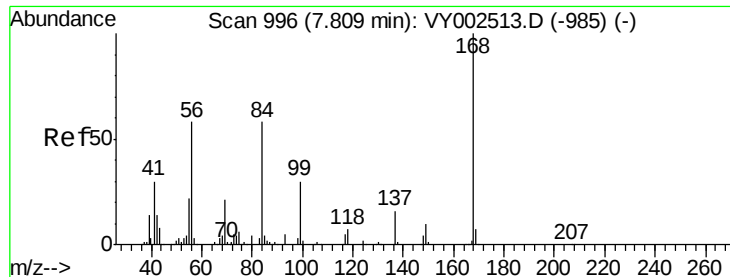
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.00 min

Lab File: VY002599.D

Acq: 05 May 2020 19:57

Instrument :

MSVOA_Y

ClientSampleId :

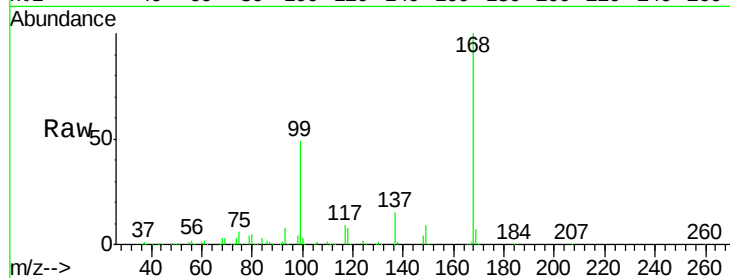
6FT-TP-10

Tot Ion:168 Resp: 334090

Ion Ratio Lower Upper

168 100

99 49.2 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002513.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002513.D (-985) (-)

7.81

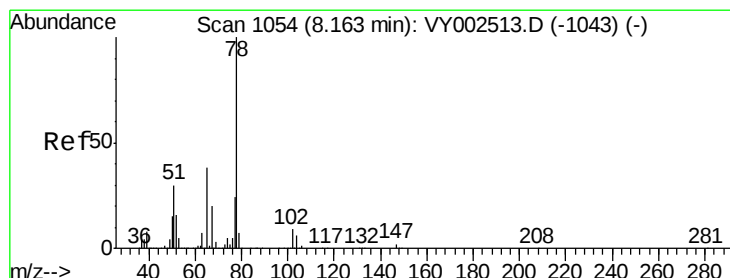
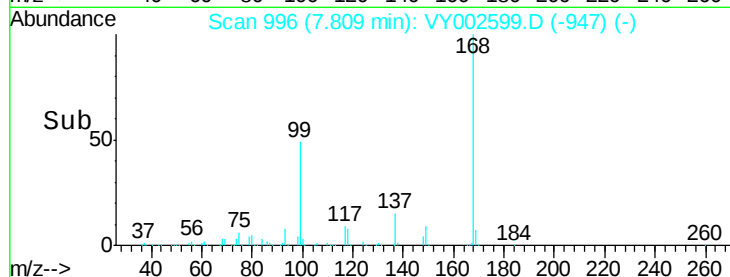
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.357 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY002599.D

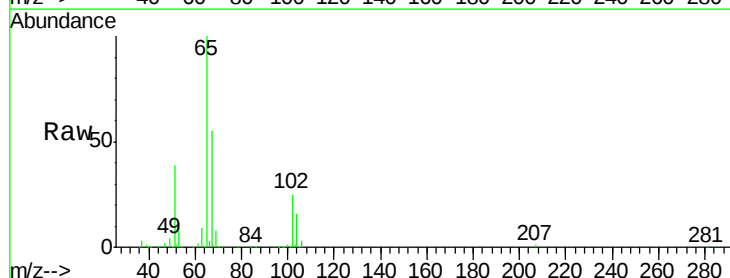
Acq: 05 May 2020 19:57

Tgt Ion: 65 Resp: 149885

Ion Ratio Lower Upper

65 100

67 54.2 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY002513.D (-1043) (-)

Ion 66.90 (66.60 to 67.60): VY002513.D (-1043) (-)

8.16

80000

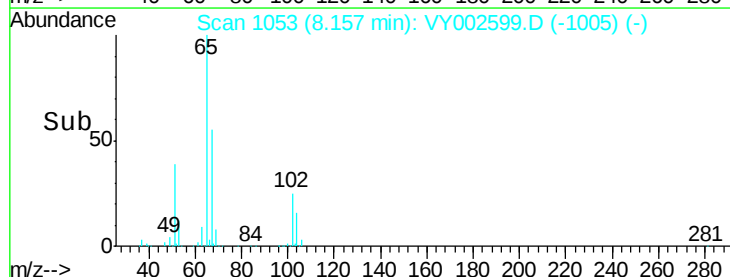
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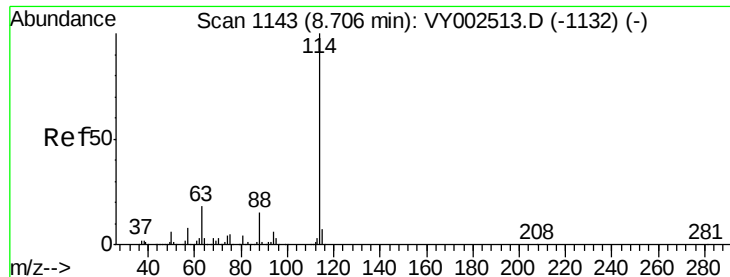
40000

20000

0

Time-->

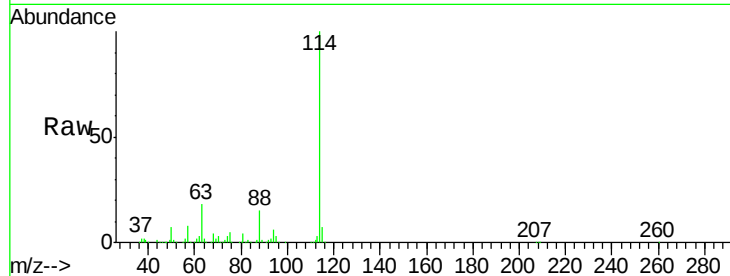




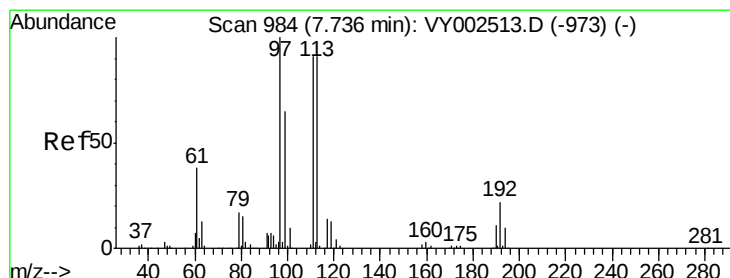
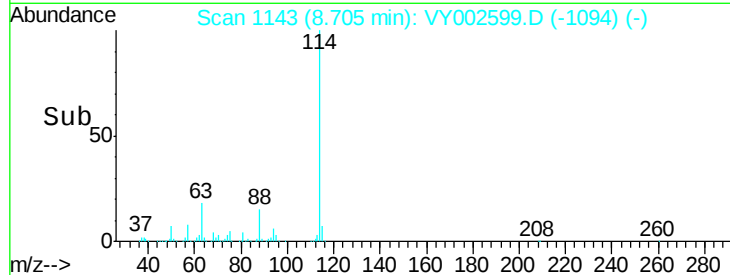
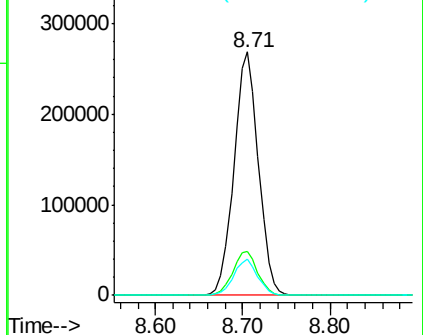
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: VY002599.D
 Acq: 05 May 2020 19:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 6FT-TP-10

Tot Ion:114	Resp:	520757
Ion	Ratio	Lower Upper
114	100	
63	18.2	0.0 36.4
88	14.7	0.0 29.6

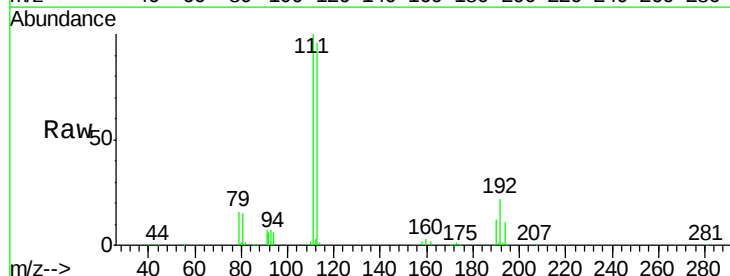


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

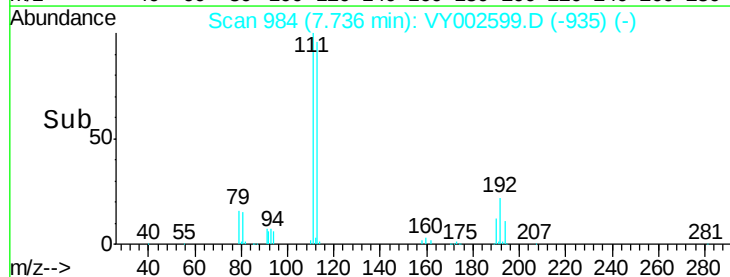
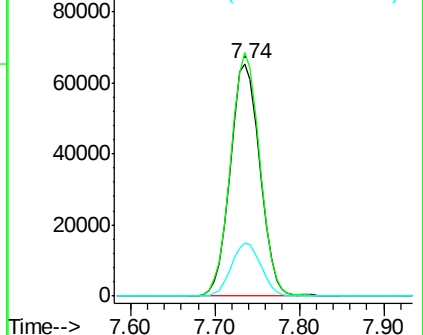


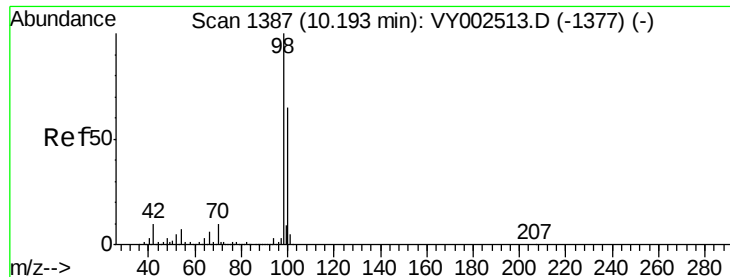
#35
 Dibromofluoromethane
 Concen: 52.341 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.00 min
 Lab File: VY002599.D
 Acq: 05 May 2020 19:57

Tgt Ion:113	Resp:	155883
Ion	Ratio	Lower Upper
113	100	
111	103.1	81.8 122.6
192	22.7	18.2 27.4



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: 52.057 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VY002599.D

Acq: 05 May 2020 19:57

Instrument :

MSVOA_Y

ClientSampleId :

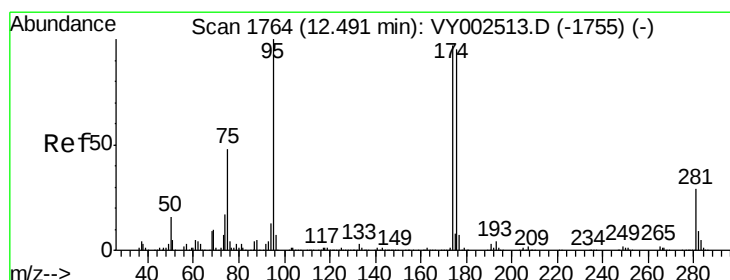
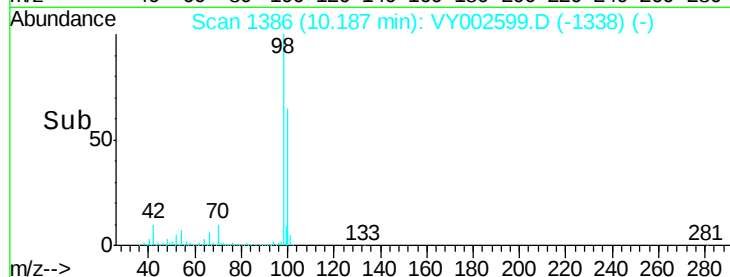
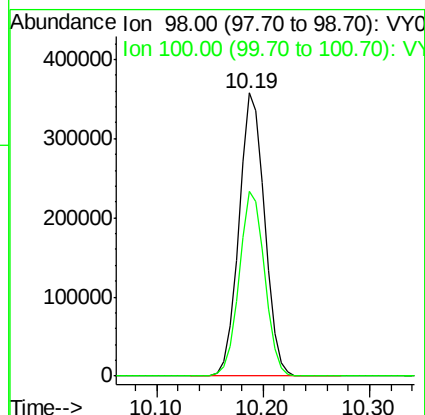
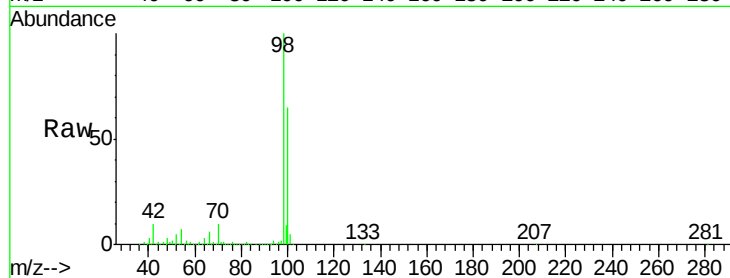
6FT-TP-10

Tot Ion: 98 Resp: 605444

Ion Ratio Lower Upper

98 100

100 64.9 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 49.012 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VY002599.D

Acq: 05 May 2020 19:57

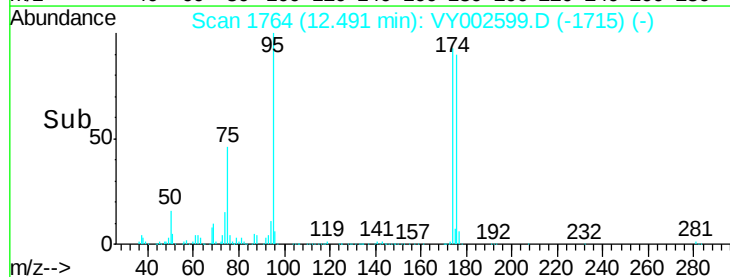
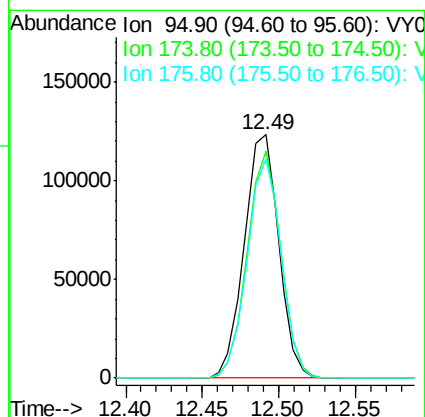
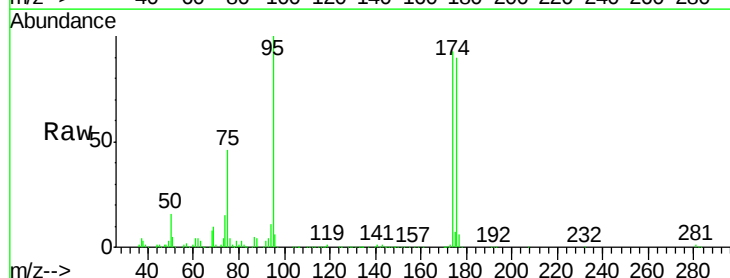
Tgt Ion: 95 Resp: 193424

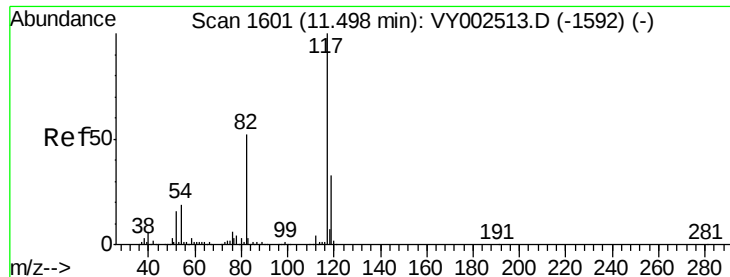
Ion Ratio Lower Upper

95 100

174 91.1 0.0 188.8

176 88.7 0.0 183.2

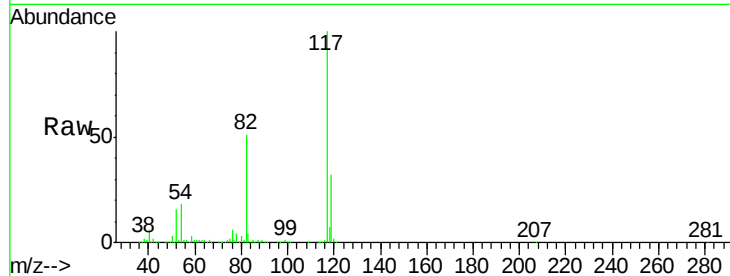




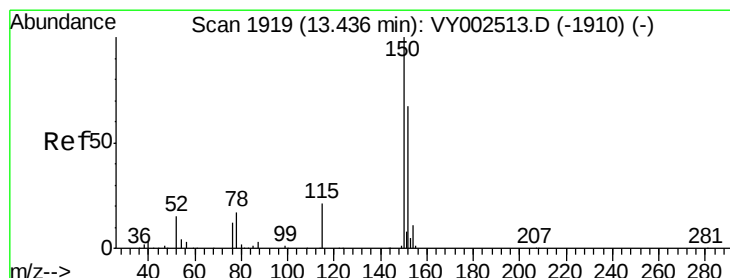
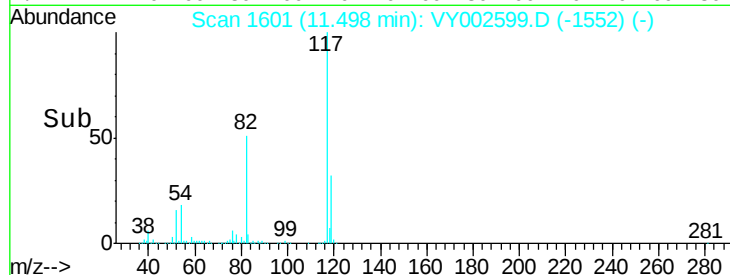
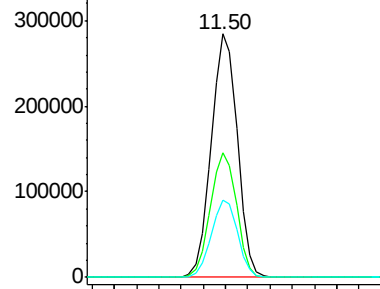
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY002599.D
Acq: 05 May 2020 19:57

Instrument :
MSVOA_Y
ClientSampleId :
6FT-TP-10

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.2	41.3	61.9
119	31.8	26.0	39.0

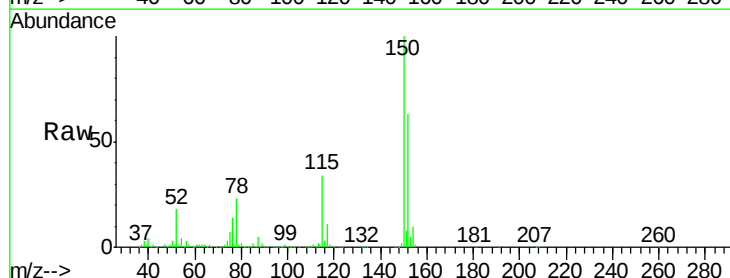


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY002599.D
Acq: 05 May 2020 19:57

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.4	27.5	82.4
150	158.1	0.0	346.4



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

