

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050520\
 Data File : VY002590.D
 Acq On : 05 May 2020 16:36
 Operator : SY/MD
 Sample : L2483-04
 Misc : 4.75G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 6FT-TP-2

Quant Time: May 06 07:35:07 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	7.80	168	351283	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	555765	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	496288	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	234495	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	163313	55.29	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	110.58%	
35) Dibromofluoromethane	7.73	113	166341	52.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.66%	
50) Toluene-d8	10.19	98	646110	52.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.10%	
62) 4-Bromofluorobenzene	12.49	95	209486	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	

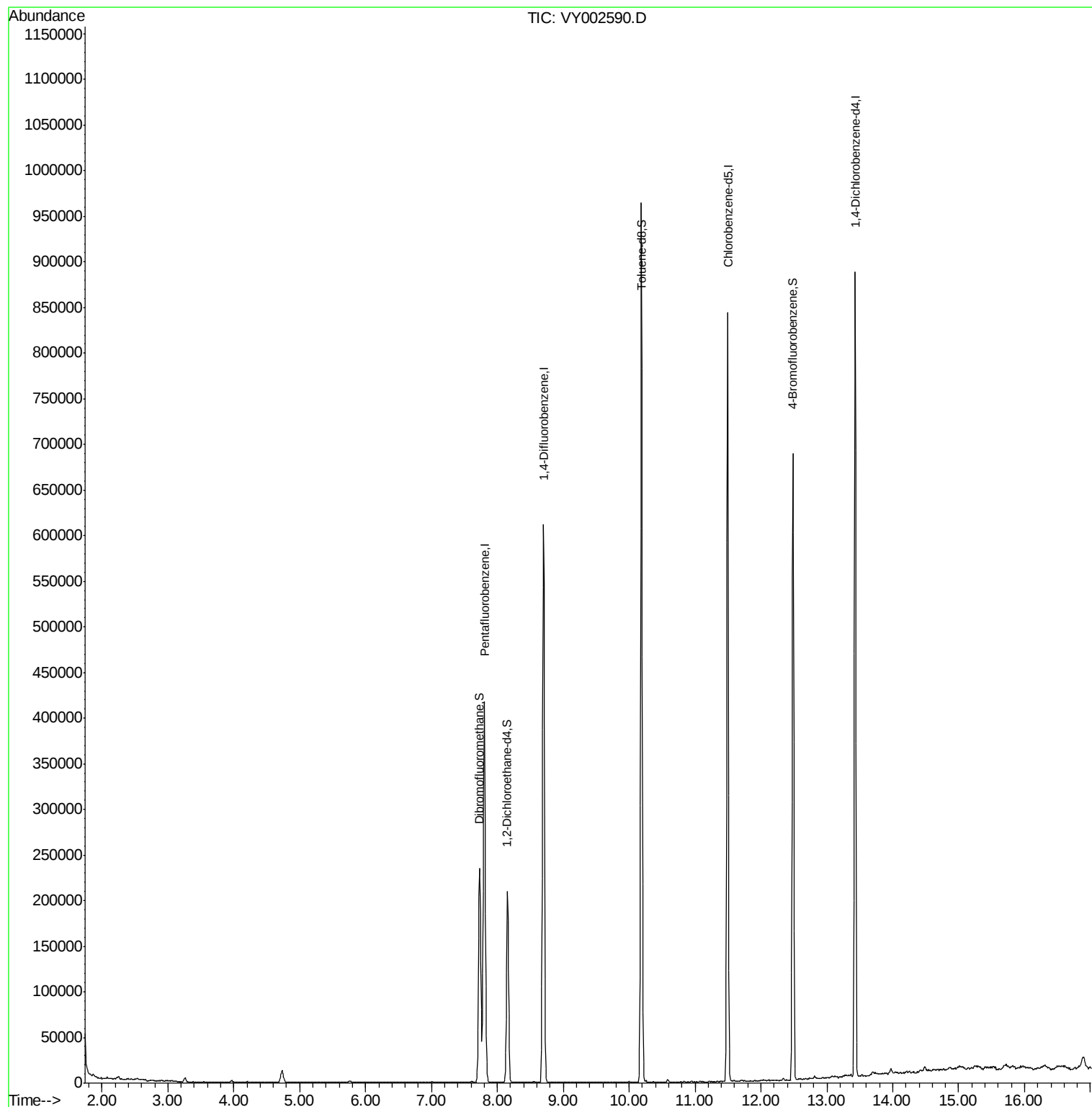
Target Compounds	Qvalue

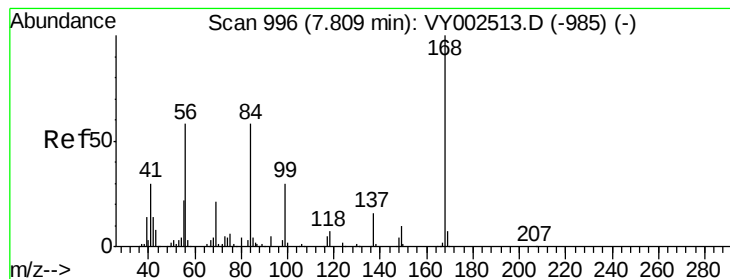
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002590.D

Acq: 05 May 2020 16:36

Instrument :

MSVOA_Y

ClientSampleId :

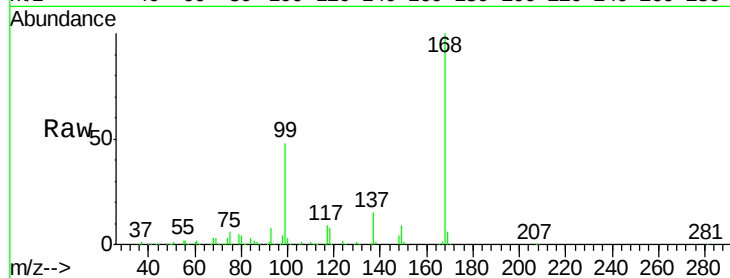
6FT-TP-2

Tot Ion:168 Resp: 351283

Ion Ratio Lower Upper

168 100

99 48.2 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) (-)

7.80

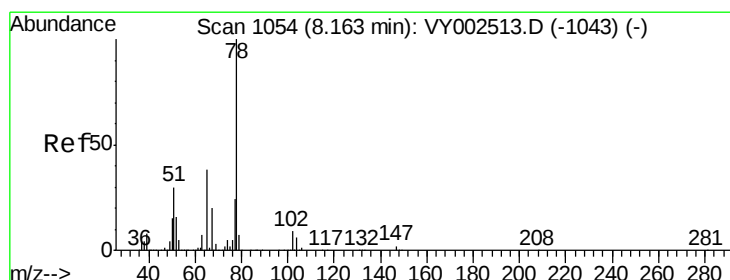
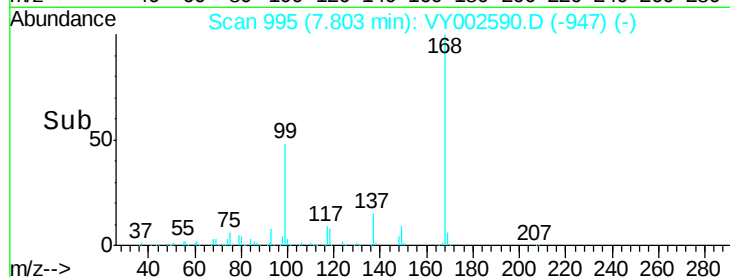
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 55.292 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY002590.D

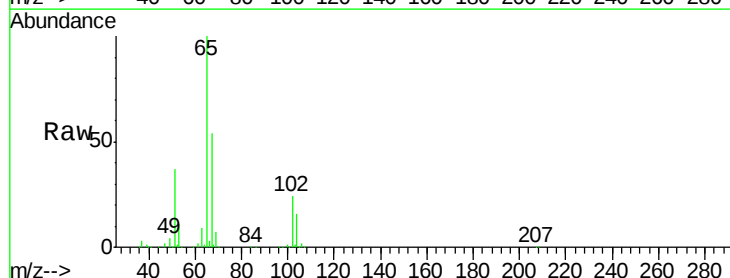
Acq: 05 May 2020 16:36

Tgt Ion: 65 Resp: 163313

Ion Ratio Lower Upper

65 100

67 54.1 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) (-)

8.15

80000

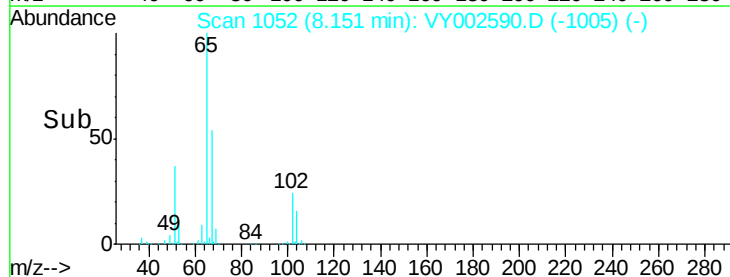
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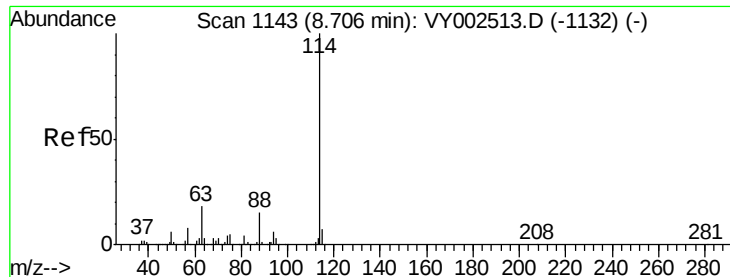
40000

20000

0

Time-->

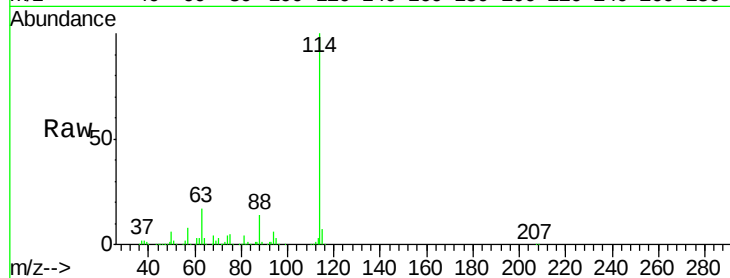




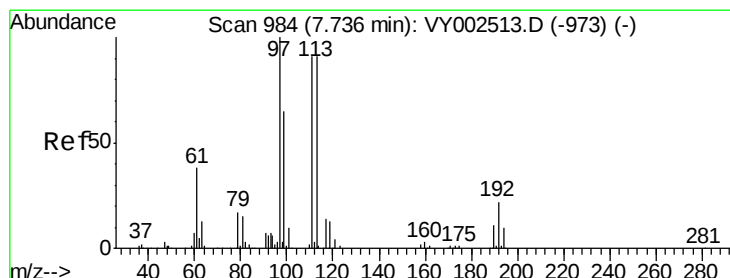
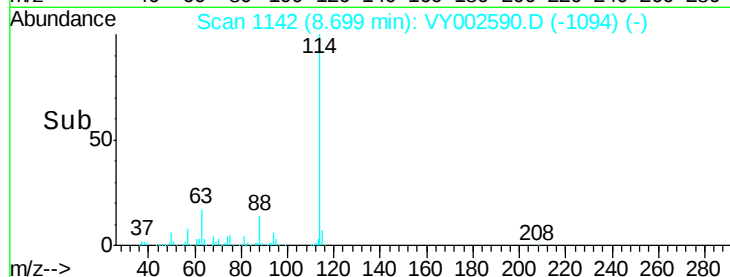
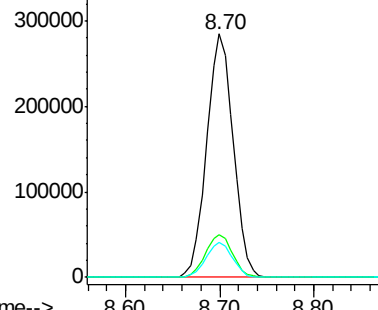
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VY002590.D
Acq: 05 May 2020 16:36

Instrument :
MSVOA_Y
ClientSampleId :
6FT-TP-2

Tot Ion:114 Resp: 555765
Ion Ratio Lower Upper
114 100
63 17.4 0.0 36.4
88 14.5 0.0 29.6

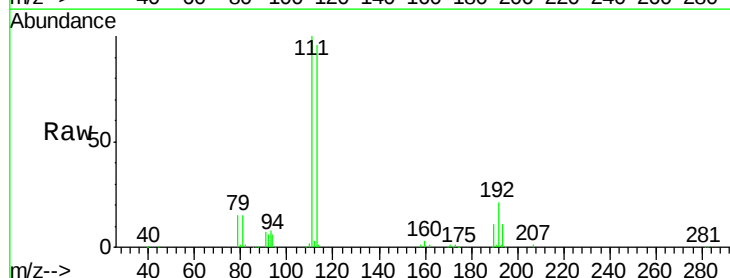


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VY0
Ion 87.90 (87.60 to 88.60): VY0

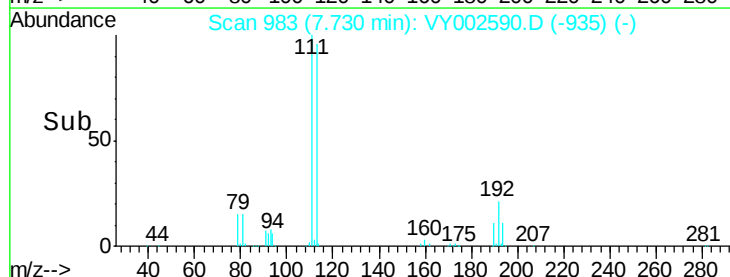
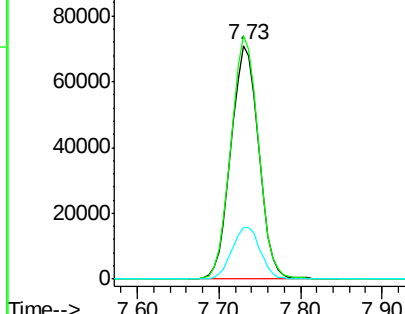


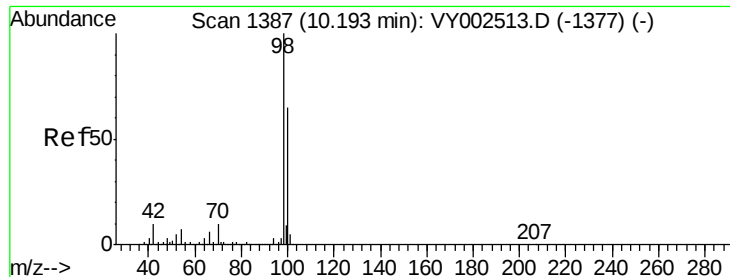
#35
Dibromofluoromethane
Concen: 52.334 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.01 min
Lab File: VY002590.D
Acq: 05 May 2020 16:36

Tgt Ion:113 Resp: 166341
Ion Ratio Lower Upper
113 100
111 103.3 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: 52.054 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VY002590.D

Acq: 05 May 2020 16:36

Instrument :

MSVOA_Y

ClientSampled :

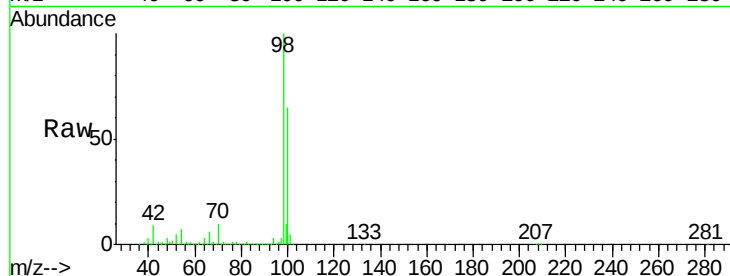
6FT-TP-2

Tot Ion: 98 Resp: 646110

Ion Ratio Lower Upper

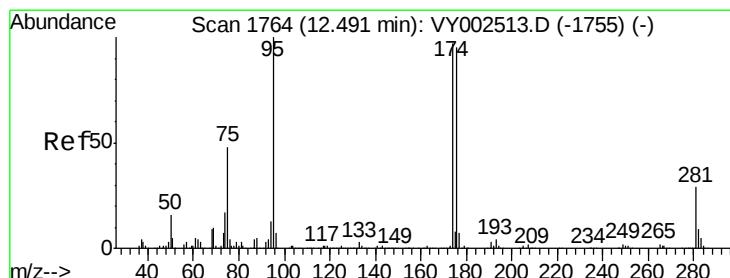
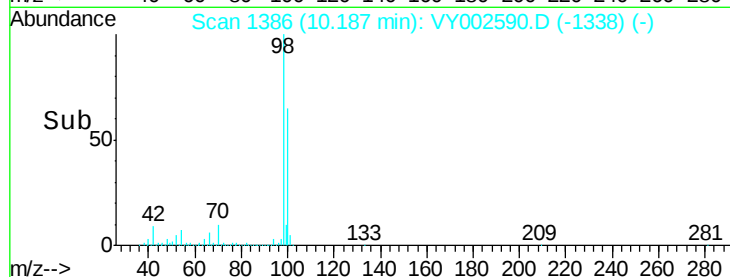
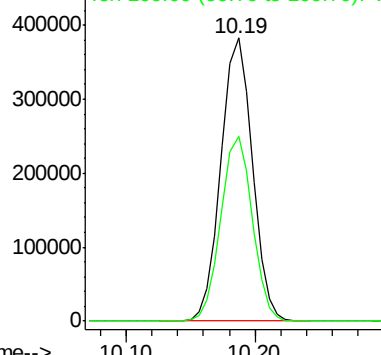
98 100

100 65.2 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



#62

4-Bromofluorobenzene

Concen: 49.738 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY002590.D

Acq: 05 May 2020 16:36

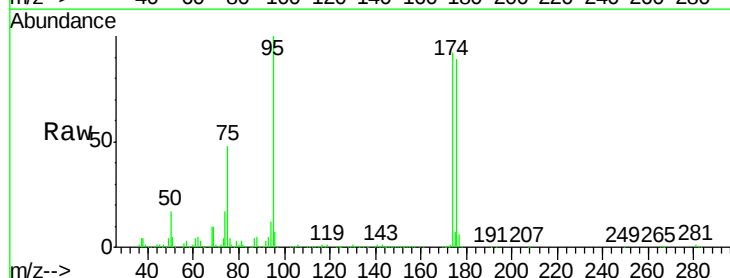
Tgt Ion: 95 Resp: 209486

Ion Ratio Lower Upper

95 100

174 93.3 0.0 188.8

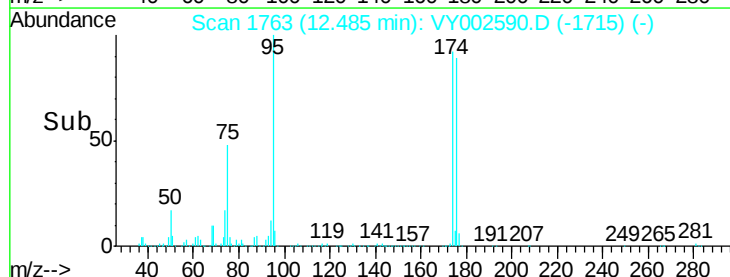
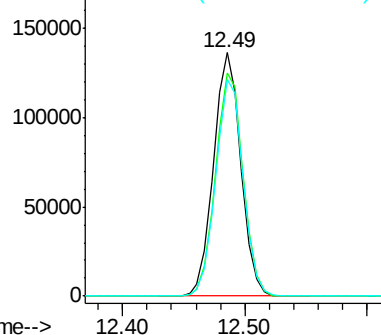
176 89.9 0.0 183.2

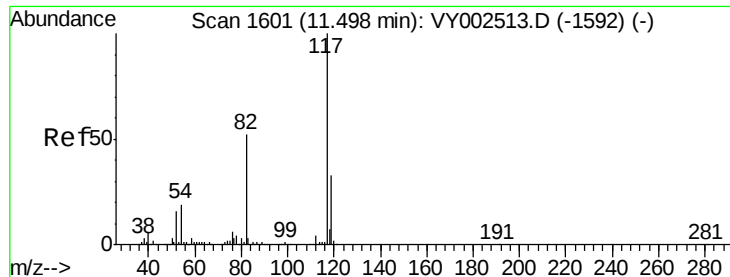


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

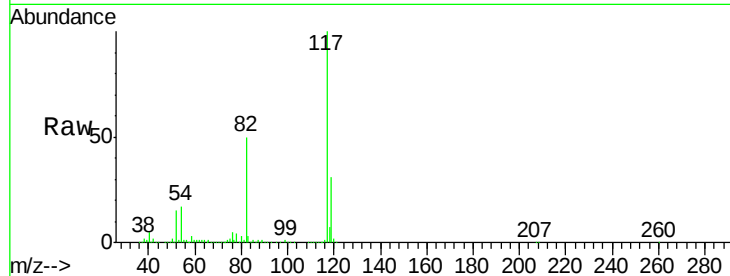




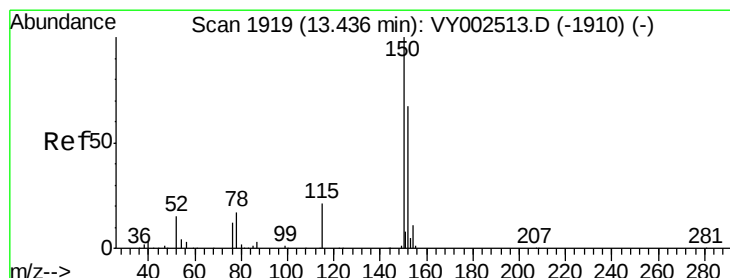
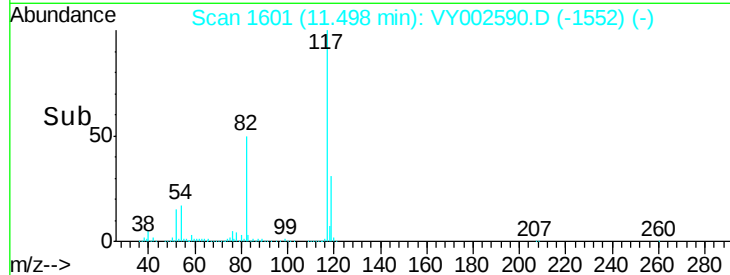
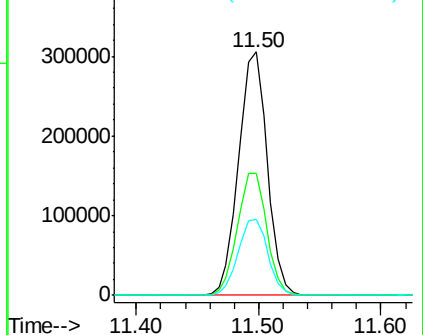
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY002590.D
Acq: 05 May 2020 16:36

Instrument :
MSVOA_Y
ClientSampleId :
6FT-TP-2

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.3	41.3	61.9
119	31.4	26.0	39.0

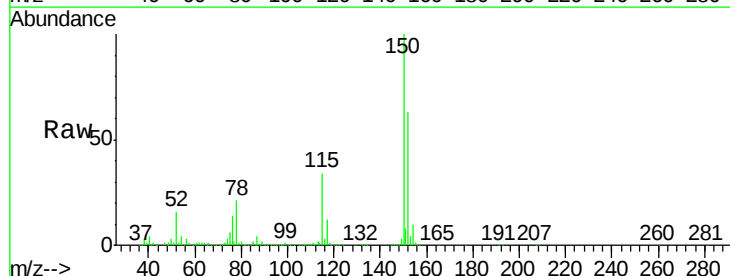


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY002590.D
Acq: 05 May 2020 16:36

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.5	27.5	82.4
150	157.0	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

