

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052820\
 Data File : VY002785.D
 Acq On : 28 May 2020 12:09
 Operator : SY/MD
 Sample : L2505-06
 Misc : 8.77G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-01-052720

Quant Time: May 28 16:59:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

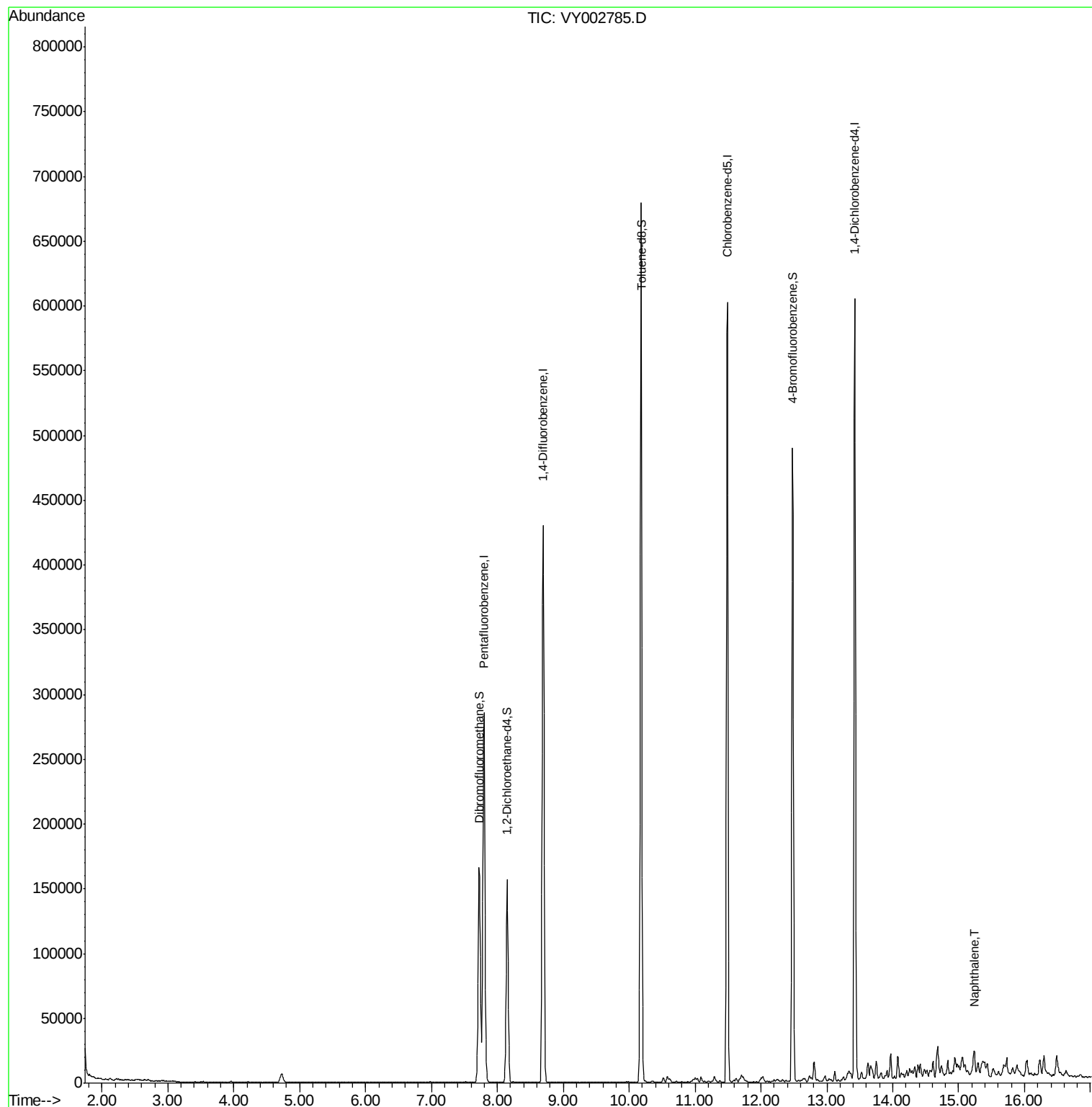
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	242070	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	386755	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	356840	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	163429	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	119716	56.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.92%	
35) Dibromofluoromethane	7.72	113	118218	52.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.32%	
50) Toluene-d8	10.18	98	454115	49.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.10%	
62) 4-Bromofluorobenzene	12.48	95	145488	46.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.90%	
Target Compounds						
95) Naphthalene	15.23	128	15166	2.142	ug/l	Qvalue 99

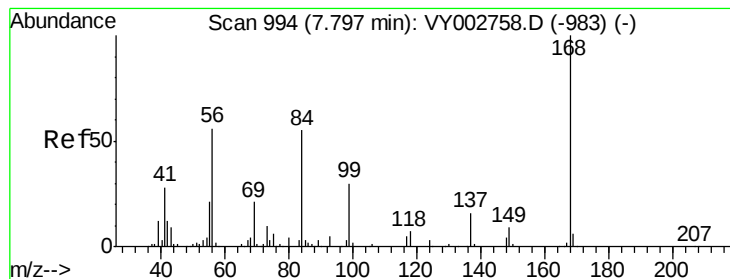
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002785.D

Acq: 28 May 2020 12:09

Instrument :

MSVOA_Y

ClientSampleId :

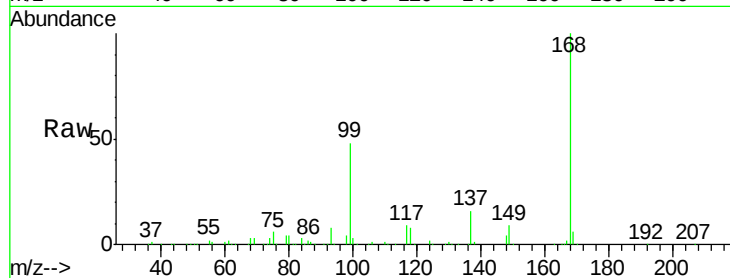
SU-01-052720

Tot Ion:168 Resp: 242070

Ion Ratio Lower Upper

168 100

99 48.3 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002785.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002785.D (-983) (-)

7.80

120000

100000

80000

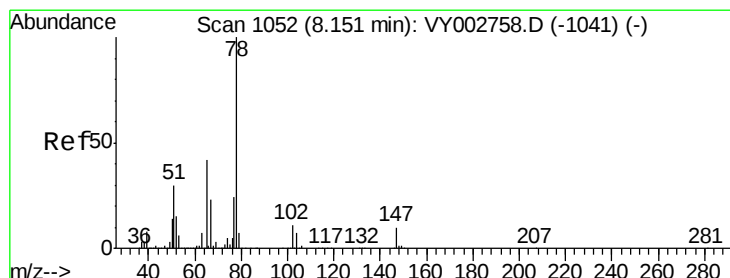
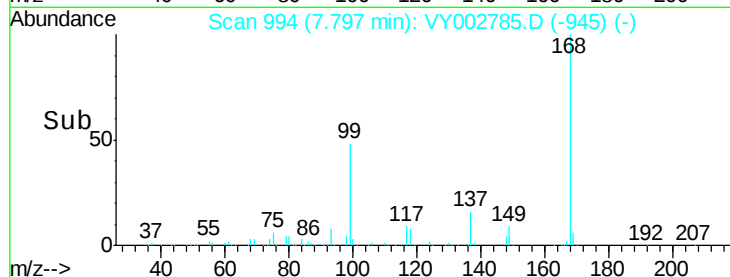
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 56.958 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY002785.D

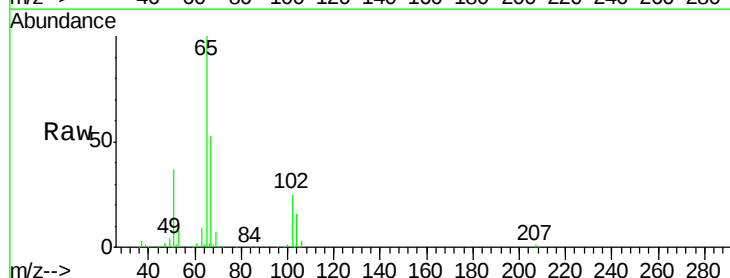
Acq: 28 May 2020 12:09

Tgt Ion: 65 Resp: 119716

Ion Ratio Lower Upper

65 100

67 53.9 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY002785.D (-1041) (-)

Ion 66.90 (66.60 to 67.60): VY002785.D (-1041) (-)

8.15

60000

50000

40000

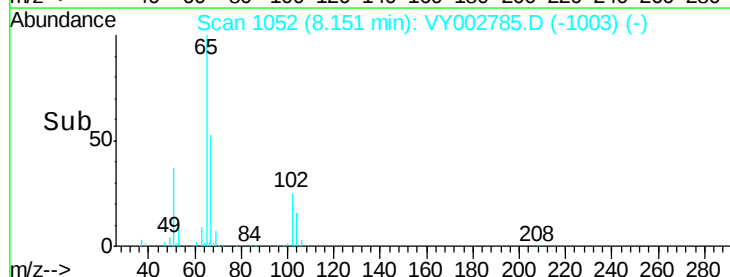
30000

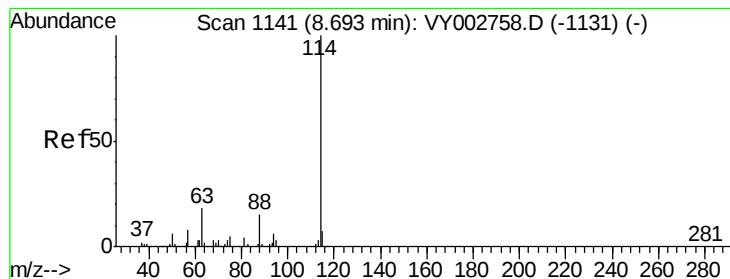
20000

10000

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: VY002785.D

Acq: 28 May 2020 12:09

Instrument :

MSVOA_Y

ClientSampleId :

SU-01-052720

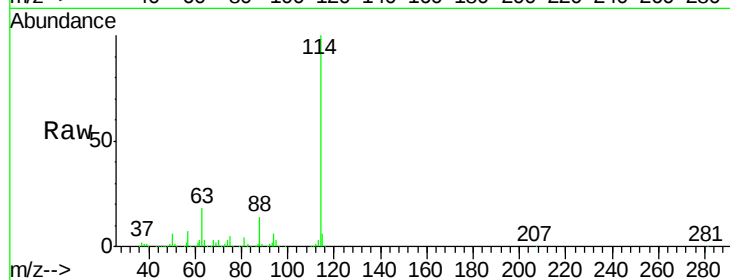
Tot Ion:114 Resp: 386755

Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.2

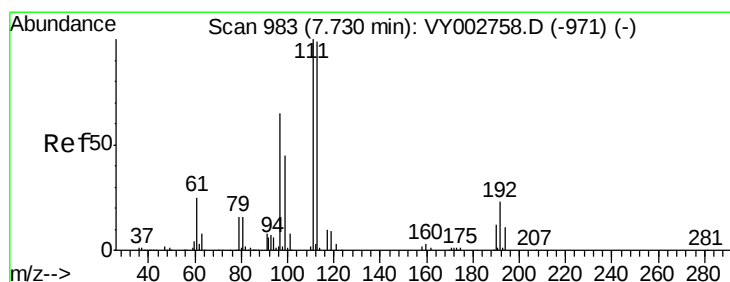
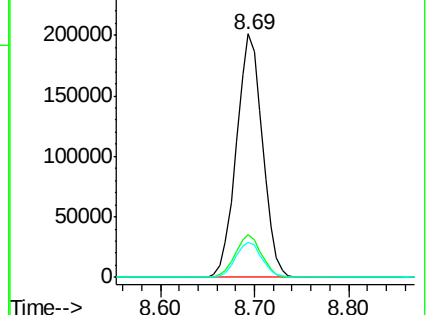
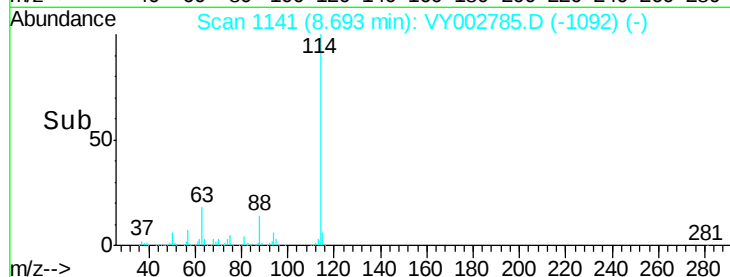
88 14.5 0.0 29.2



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: 52.157 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY002785.D

Acq: 28 May 2020 12:09

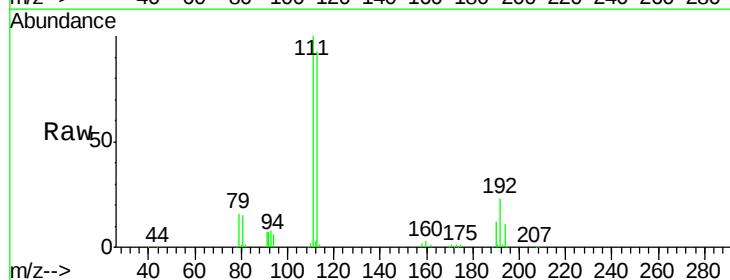
Tgt Ion:113 Resp: 118218

Ion Ratio Lower Upper

113 100

111 104.3 82.0 123.0

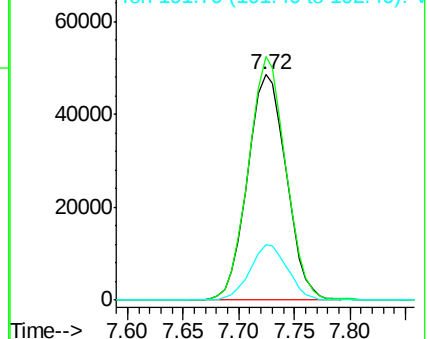
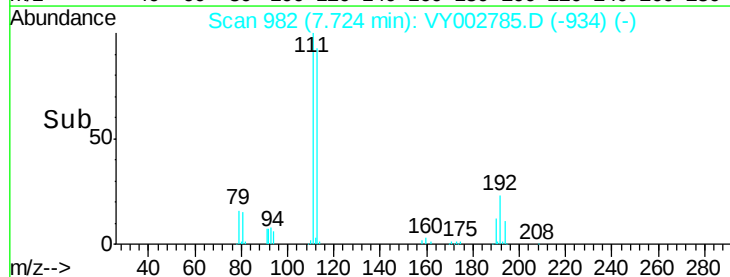
192 23.7 18.9 28.3

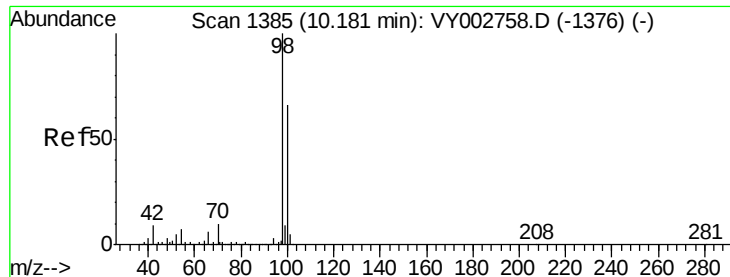


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.552 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002785.D

Acq: 28 May 2020 12:09

Instrument :

MSVOA_Y

ClientSampleId :

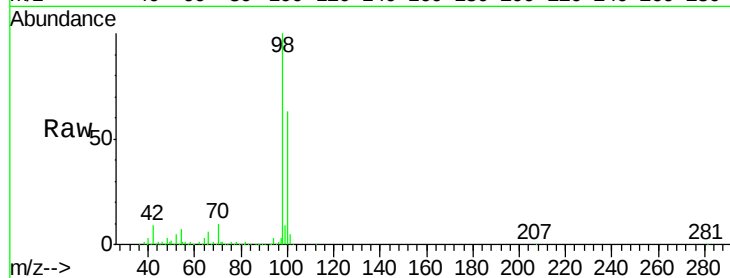
SU-01-052720

Tot Ion: 98 Resp: 454115

Ion Ratio Lower Upper

98 100

100 64.4 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

10.18

250000

200000

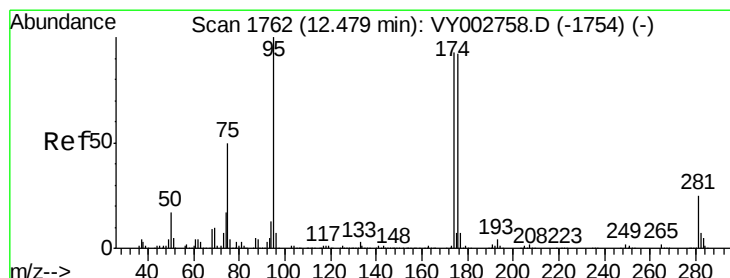
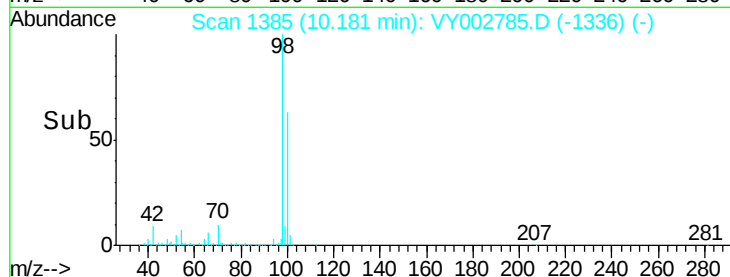
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.453 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002785.D

Acq: 28 May 2020 12:09

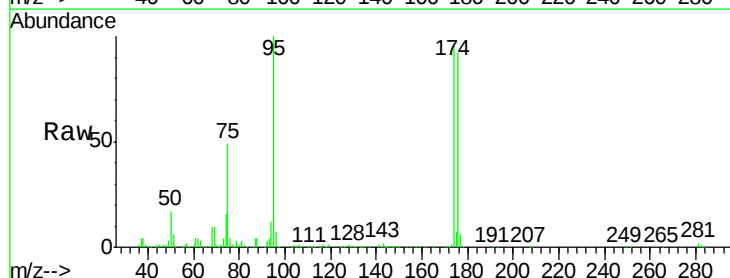
Tgt Ion: 95 Resp: 145488

Ion Ratio Lower Upper

95 100

174 96.8 0.0 191.2

176 93.5 0.0 188.8



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

120000

100000

80000

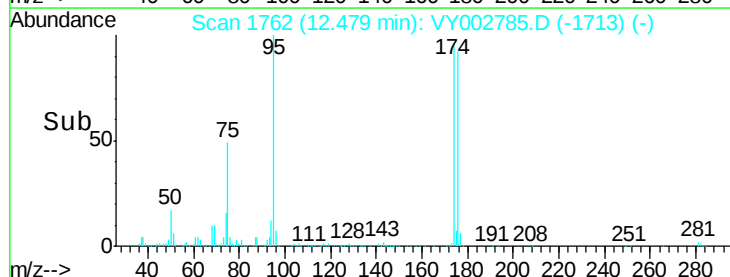
60000

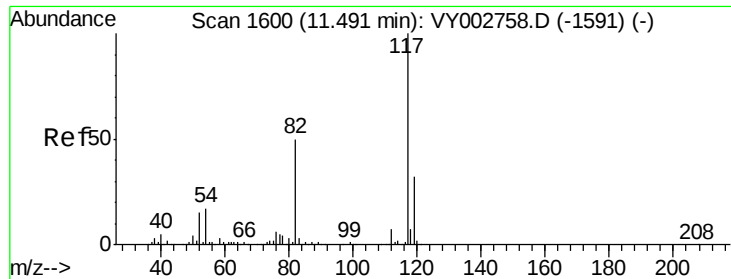
40000

20000

0

Time-->

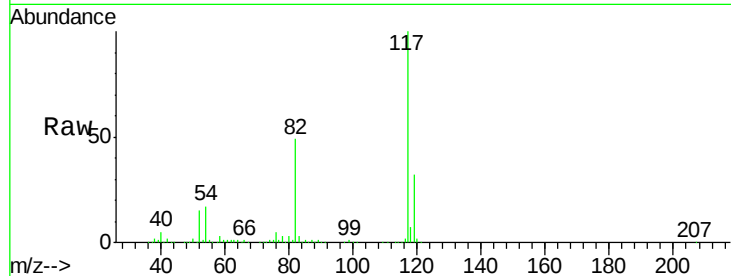




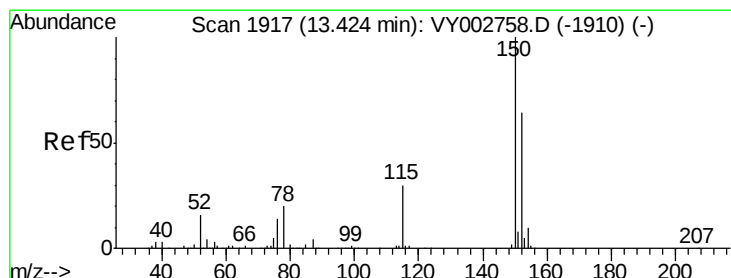
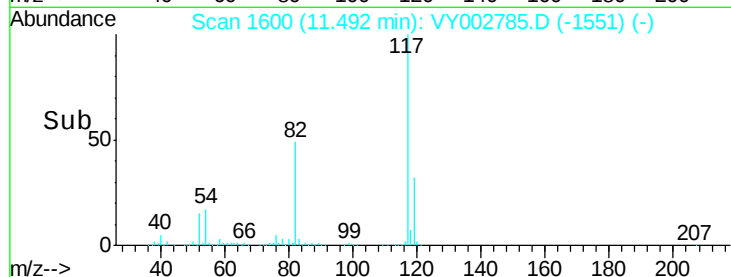
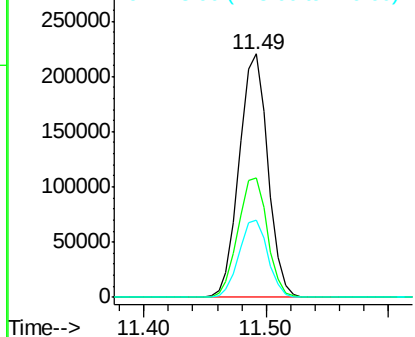
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002785.D
Acq: 28 May 2020 12:09

Instrument :
MSVOA_Y
ClientSampleId :
SU-01-052720

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.3	40.2	60.4
119	31.8	25.8	38.8

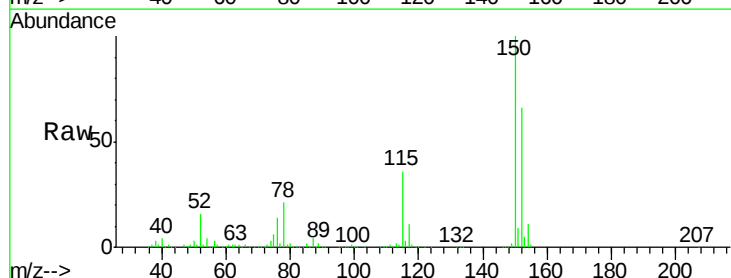


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

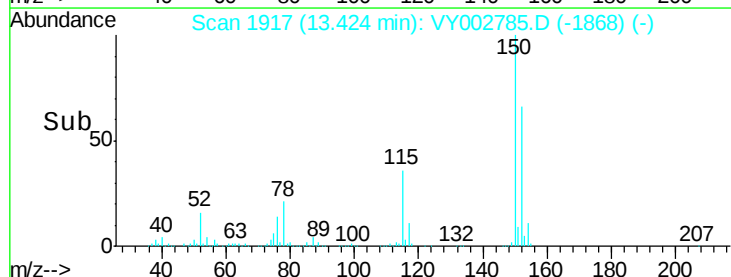
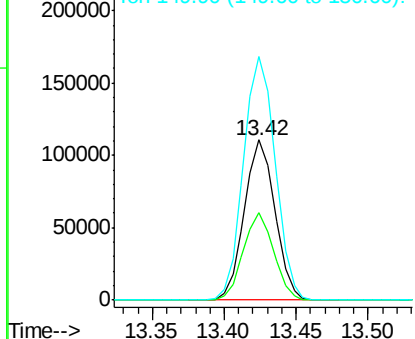


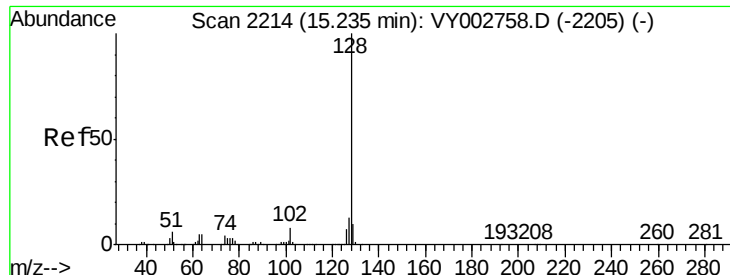
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002785.D
Acq: 28 May 2020 12:09

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.1	27.0	81.0
150	157.1	0.0	344.8



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: 2.142 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY002785.D

Acq: 28 May 2020 12:09

Instrument :

MSVOA_Y

ClientSampleId :

SU-01-052720

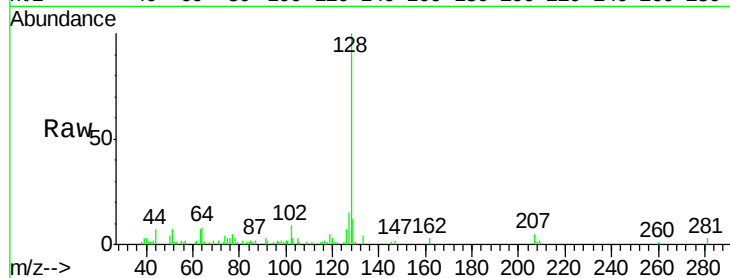
Tot Ion:128 Resp: 15166

Ion Ratio Lower Upper

128 100

127 13.9 10.3 15.5

129 11.0 8.7 13.1



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

