

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050420\
 Data File : VY002563.D
 Acq On : 05 May 2020 00:51
 Operator : SY/MD
 Sample : L2463-18
 Misc : 9.17G/5ML/MSVOA Y/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JHDS-SOUTH-D

Quant Time: May 05 09:06:27 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	7.82	168	351347	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	566147	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	500372	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	228473	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	163119	55.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.44%	
35) Dibromofluoromethane	7.75	113	172029	53.13	ug/l	0.01
Spiked Amount	50.000		Recovery	=	106.26%	
50) Toluene-d8	10.19	98	660582	52.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.48%	
62) 4-Bromofluorobenzene	12.49	95	208381	48.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.14%	

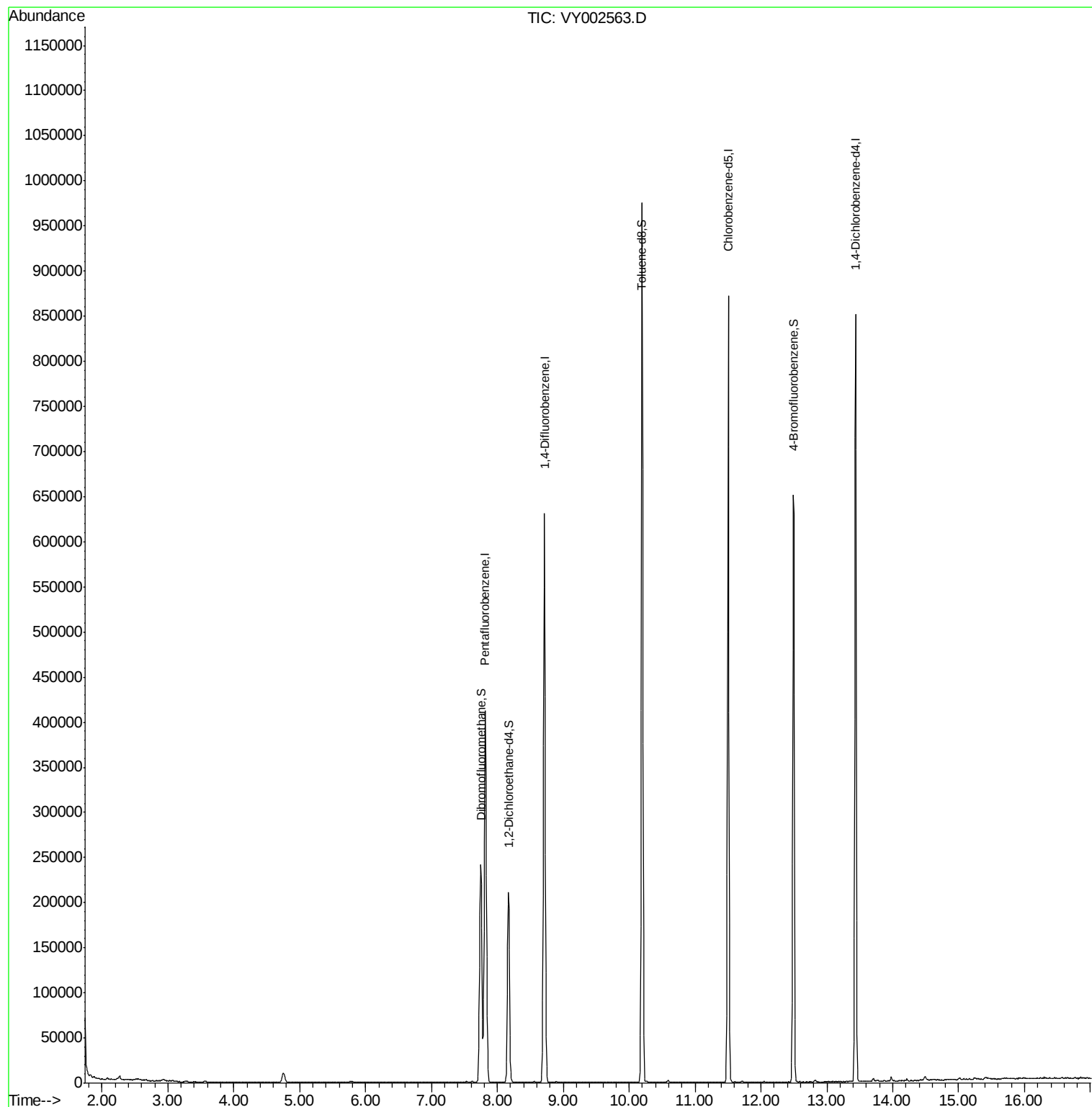
Target Compounds	Qvalue
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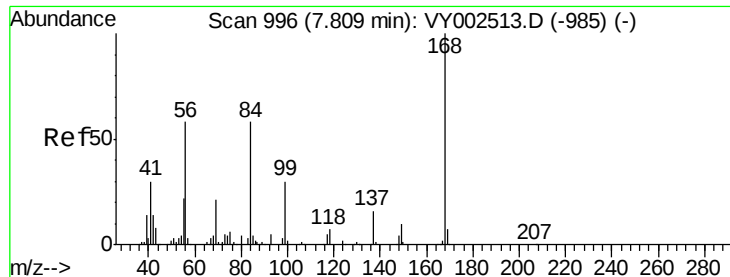
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002563.D

Acq: 05 May 2020 00:51

Instrument :

MSVOA_Y

ClientSampleId :

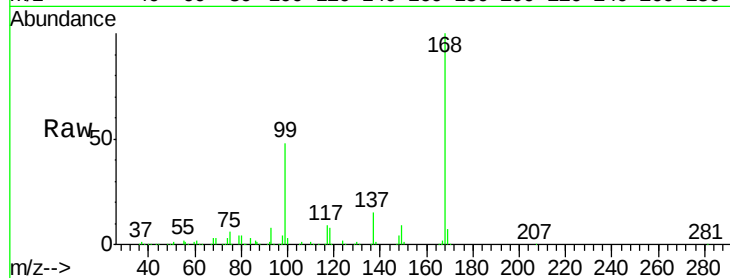
JHDS-SOUTH-D

Tot Ion:168 Resp: 351347

Ion Ratio Lower Upper

168 100

99 47.6 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) (-)

7.82

150000

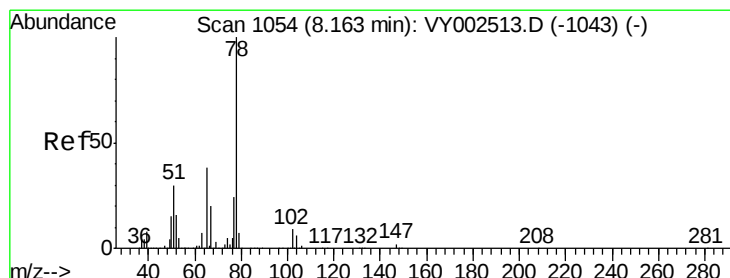
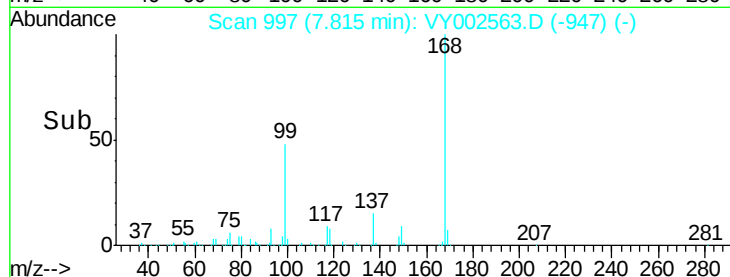
100000

50000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 55.216 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VY002563.D

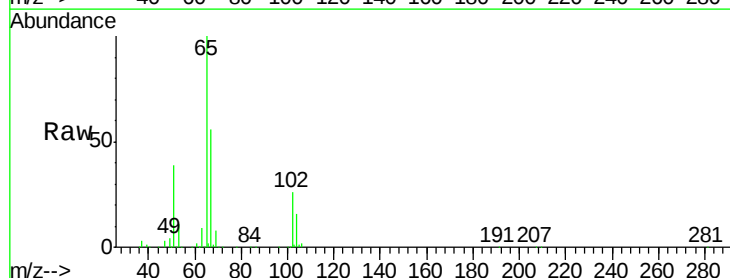
Acq: 05 May 2020 00:51

Tgt Ion: 65 Resp: 163119

Ion Ratio Lower Upper

65 100

67 54.3 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) (-)

8.17

80000

60000

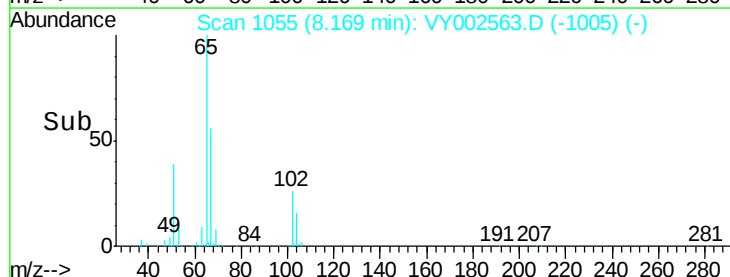
40000

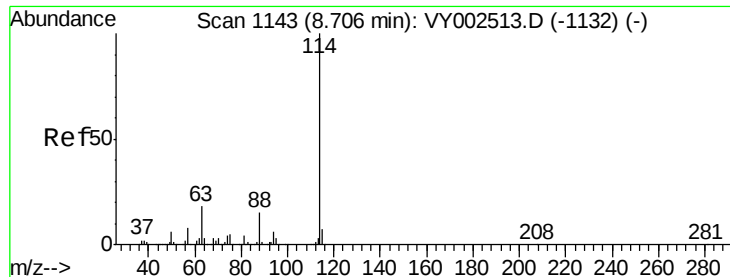
20000

0

8.10 8.20 8.30

Time-->

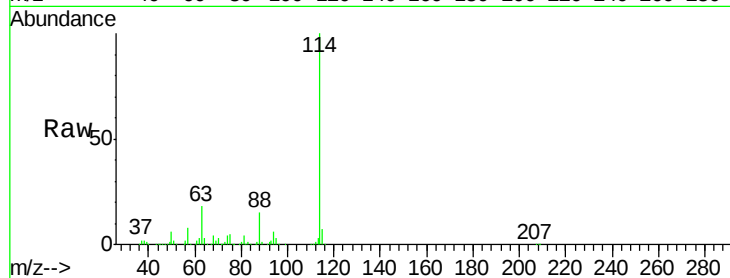




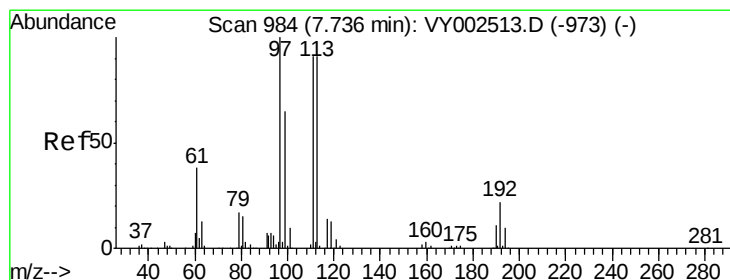
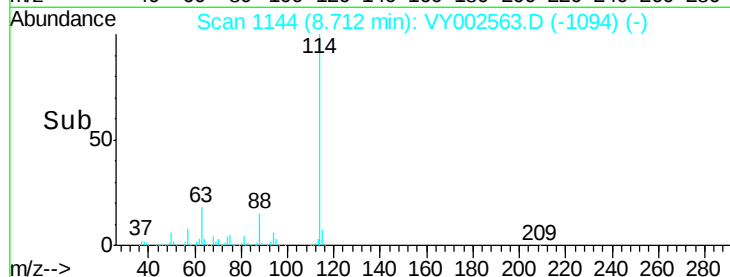
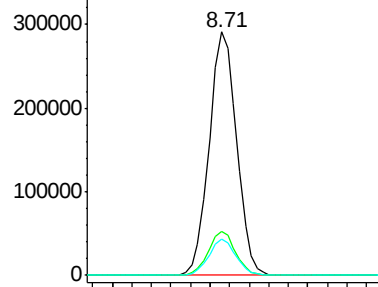
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY002563.D
 Acq: 05 May 2020 00:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 JHDS-SOUTH-D

Tot Ion:114	Resp:	566147
Ion Ratio	Lower	Upper
114	100	
63	17.9	0.0 36.4
88	15.0	0.0 29.6

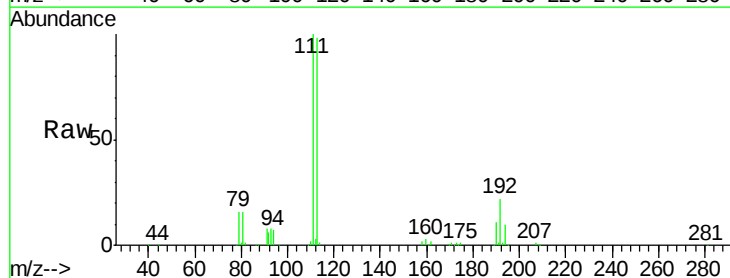


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

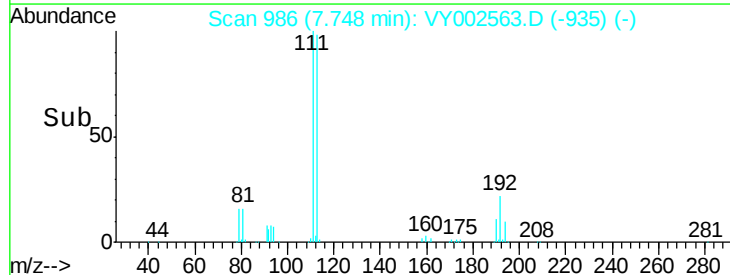
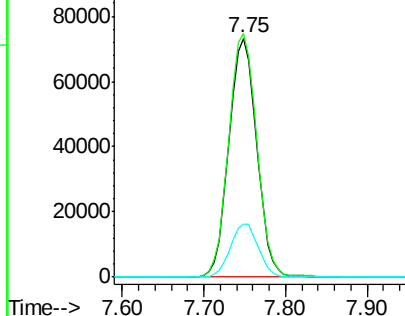


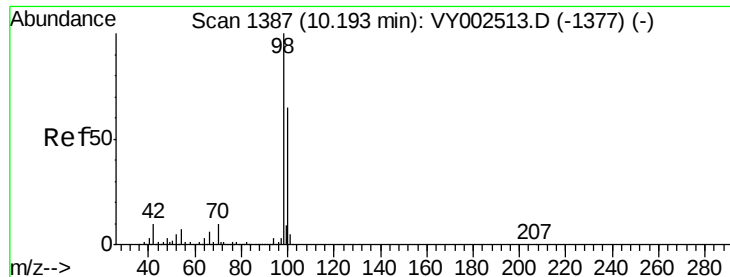
#35
 Dibromofluoromethane
 Concen: 53.131 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.01 min
 Lab File: VY002563.D
 Acq: 05 May 2020 00:51

Tgt Ion:113	Resp:	172029
Ion Ratio	Lower	Upper
113	100	
111	103.0	81.8 122.6
192	22.3	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: 52.244 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. -0.00 min

Lab File: VY002563.D

Acq: 05 May 2020 00:51

Instrument :

MSVOA_Y

ClientSampleId :

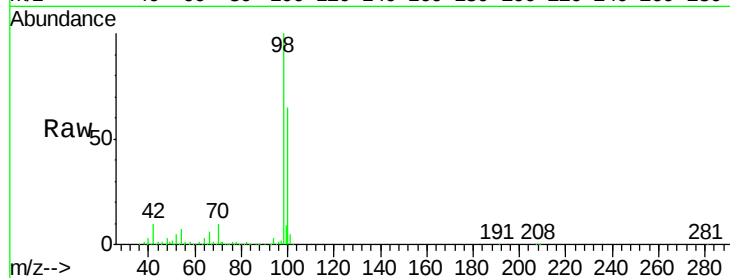
JHDS-SOUTH-D

Tot Ion: 98 Resp: 660582

Ion Ratio Lower Upper

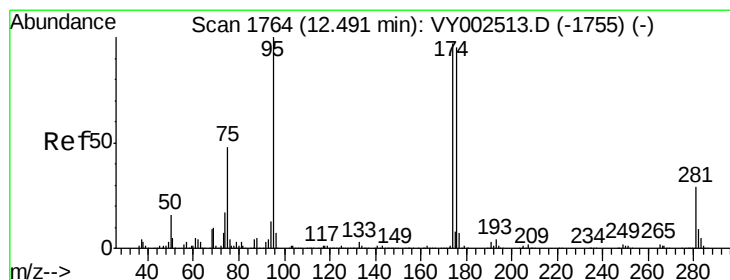
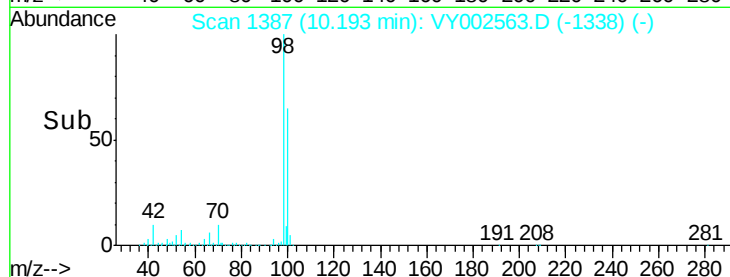
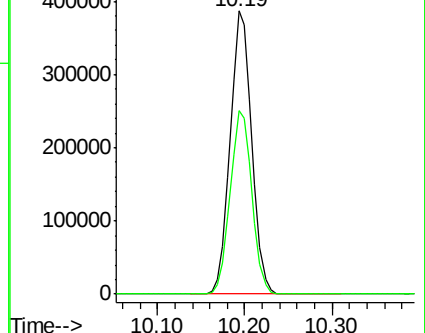
98 100

100 65.5 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0



#62

4-Bromofluorobenzene

Concen: 48.568 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VY002563.D

Acq: 05 May 2020 00:51

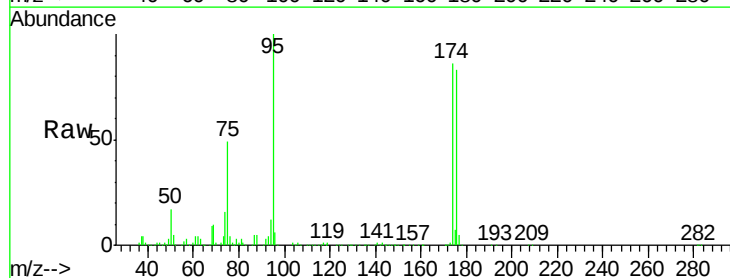
Tgt Ion: 95 Resp: 208381

Ion Ratio Lower Upper

95 100

174 91.7 0.0 188.8

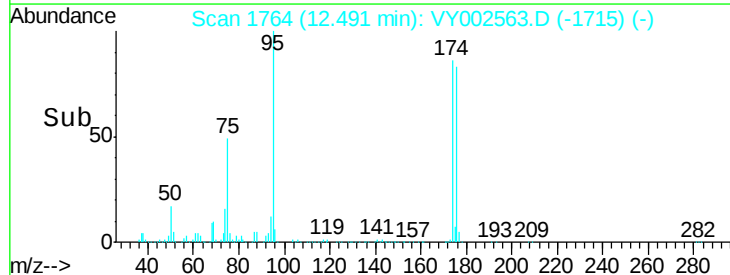
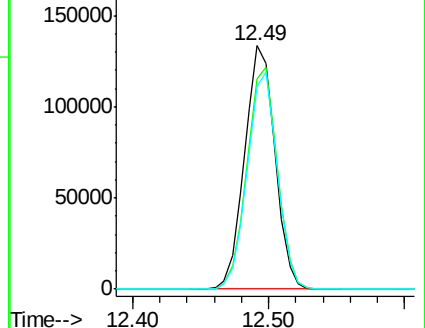
176 88.8 0.0 183.2

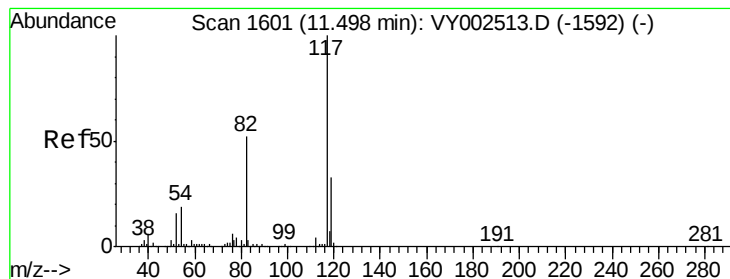


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1602

Delta R.T. 0.01 min

Lab File: VY002563.D

Acq: 05 May 2020 00:51

Instrument :

MSVOA_Y

ClientSampleId :

JHDS-SOUTH-D

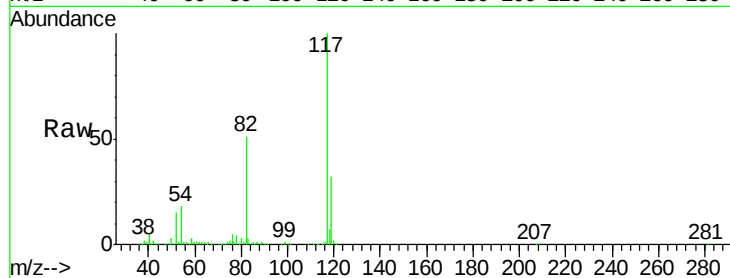
Tot Ion:117 Resp: 500372

Ion Ratio Lower Upper

117 100

82 51.2 41.3 61.9

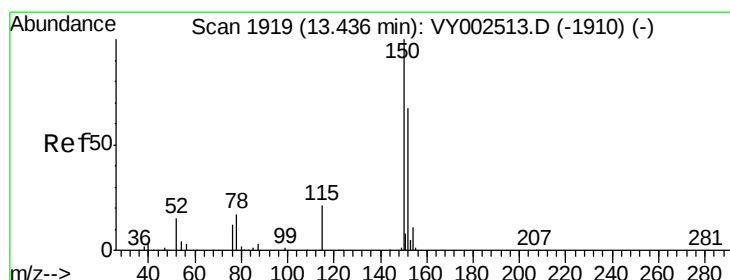
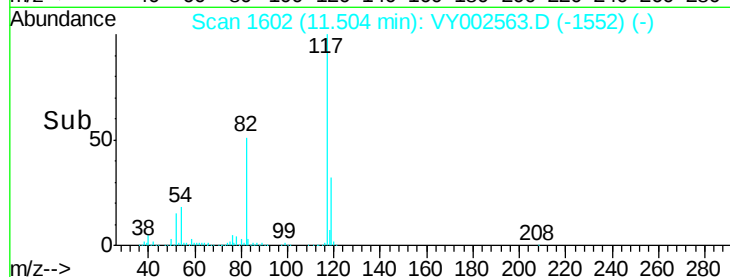
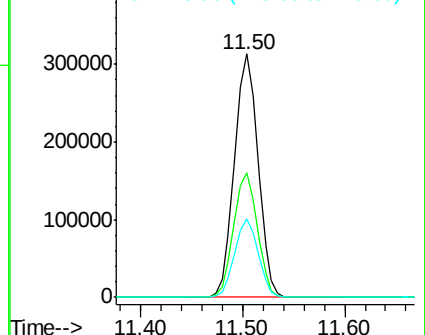
119 32.3 26.0 39.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VY002563.D

Acq: 05 May 2020 00:51

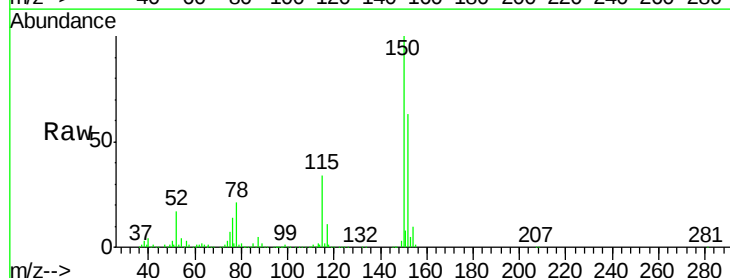
Tgt Ion:152 Resp: 228473

Ion Ratio Lower Upper

152 100

115 55.1 27.5 82.4

150 158.3 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

