

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050420\
 Data File : VY002564.D
 Acq On : 05 May 2020 01:13
 Operator : SY/MD
 Sample : L2463-21
 Misc : 8.23G/5ML/MSVOA Y/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JHDS-SOUTH-C

Quant Time: May 05 09:08:08 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	343006	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	557670	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	468721	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	178855	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	164374	56.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.98%	
35) Dibromofluoromethane	7.75	113	170040	53.32	ug/l	0.01
Spiked Amount	50.000		Recovery	=	106.64%	
50) Toluene-d8	10.20	98	644228	51.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.46%	
62) 4-Bromofluorobenzene	12.49	95	180609	42.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.48%	

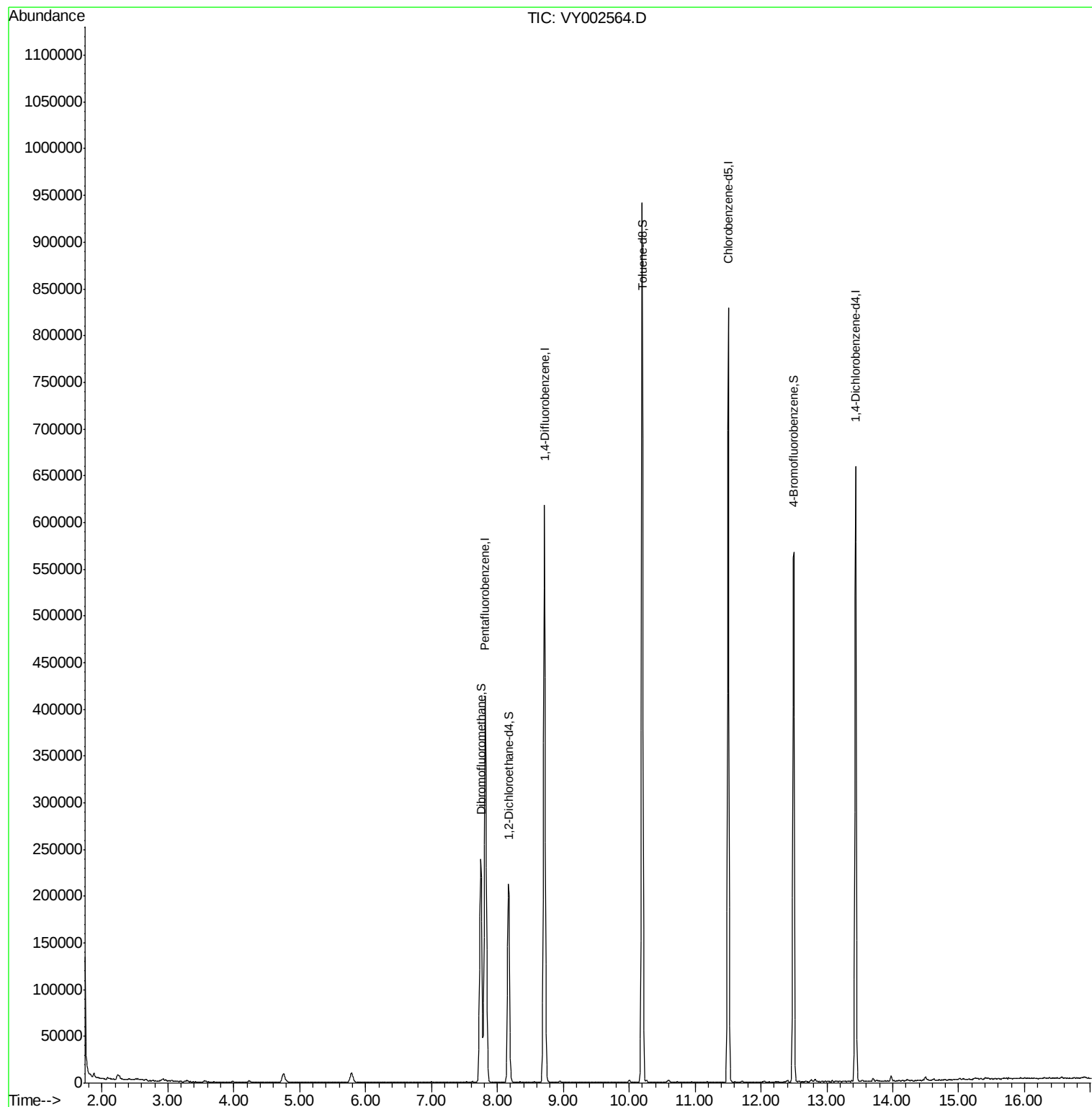
Target Compounds	Qvalue
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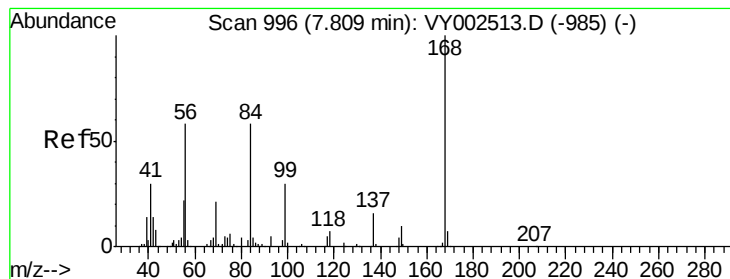
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002564.D

Acq: 05 May 2020 01:13

Instrument :

MSVOA_Y

ClientSampleId :

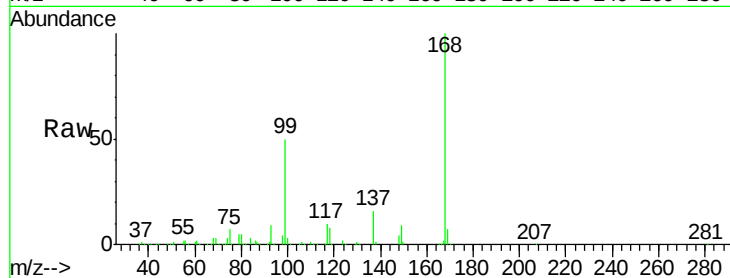
JHDS-SOUTH-C

Tot Ion:168 Resp: 343006

Ion Ratio Lower Upper

168 100

99 50.1 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

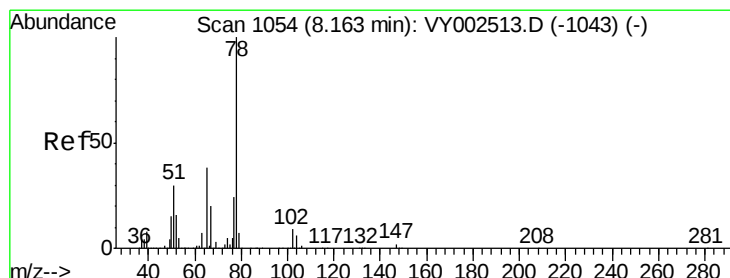
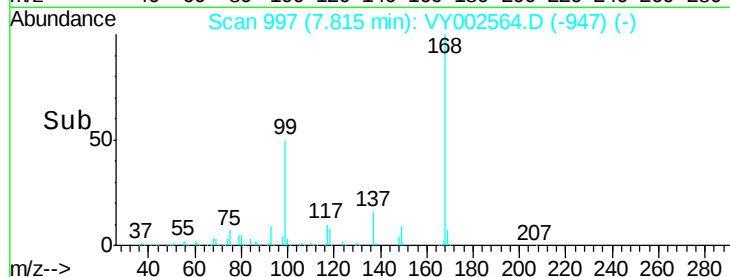
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 56.994 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VY002564.D

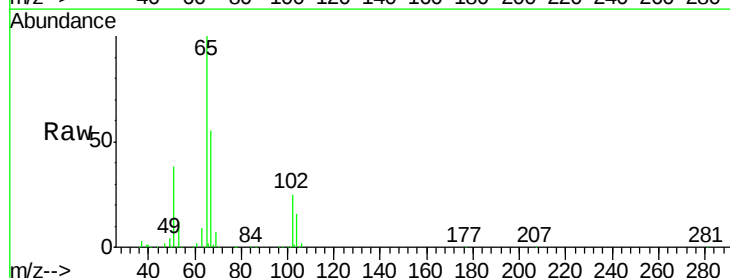
Acq: 05 May 2020 01:13

Tgt Ion: 65 Resp: 164374

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

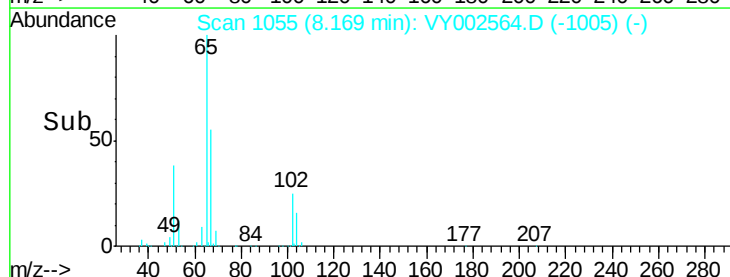
60000

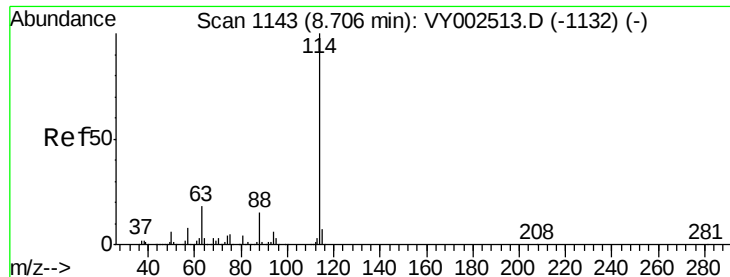
40000

20000

0

Time-->

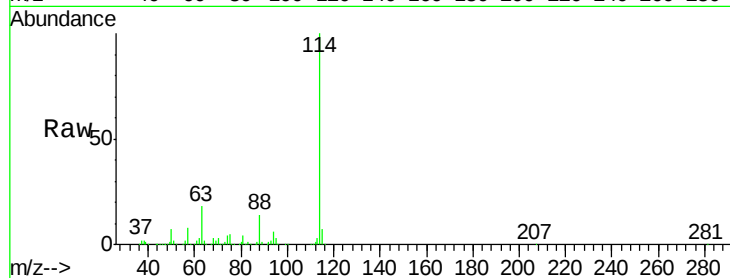




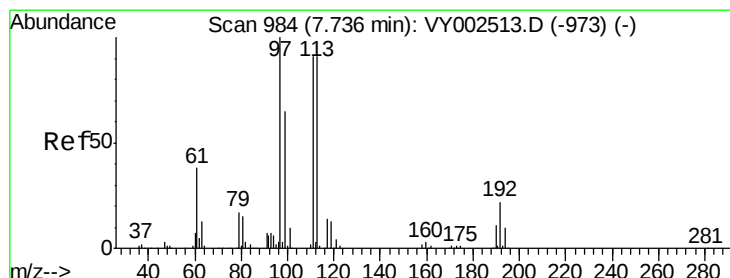
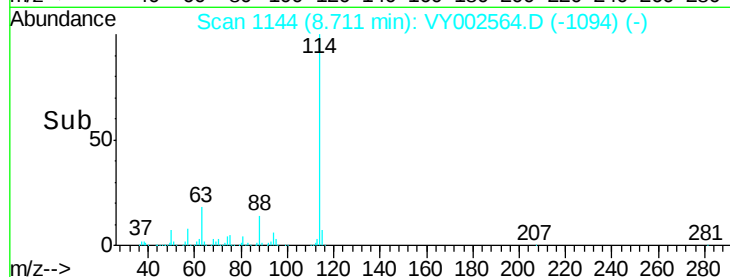
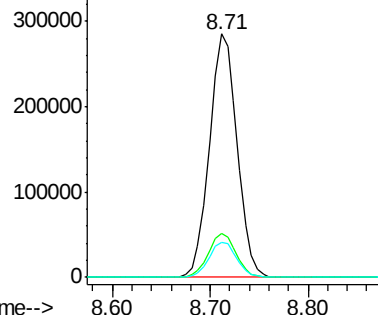
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY002564.D
 Acq: 05 May 2020 01:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 JHDS-SOUTH-C

Tot Ion:114 Resp: 557670
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 36.4
 88 14.5 0.0 29.6

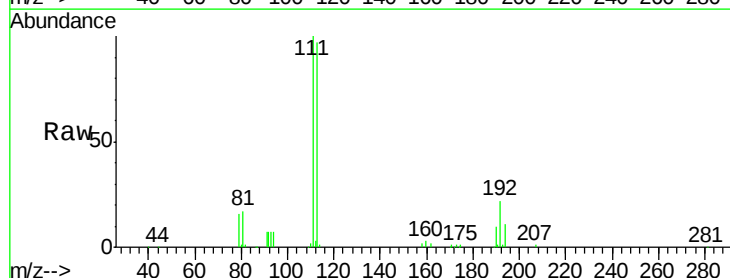


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

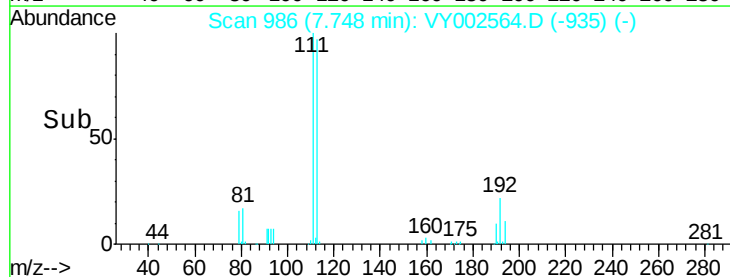
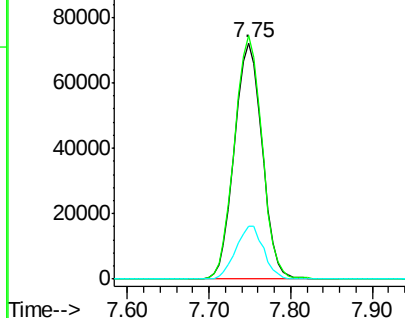


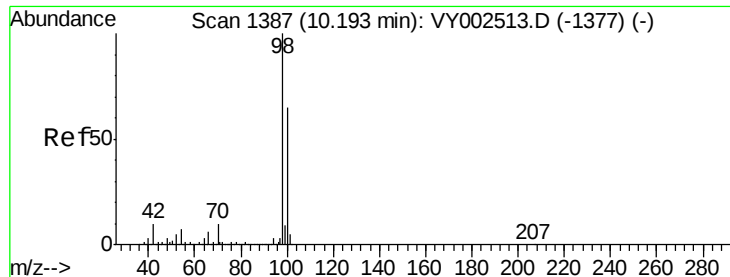
#35
 Dibromofluoromethane
 Concen: 53.315 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.01 min
 Lab File: VY002564.D
 Acq: 05 May 2020 01:13

Tgt Ion:113 Resp: 170040
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.8 122.6
 192 22.4 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: 51.725 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY002564.D

Acq: 05 May 2020 01:13

Instrument :

MSVOA_Y

ClientSampleId :

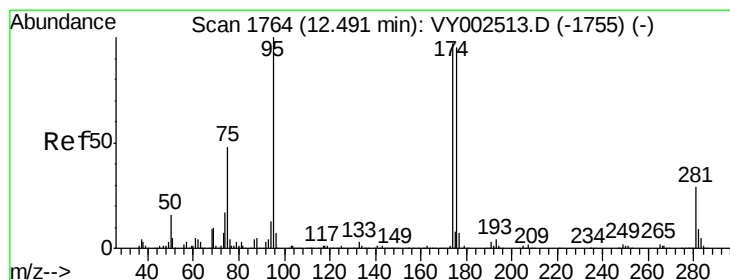
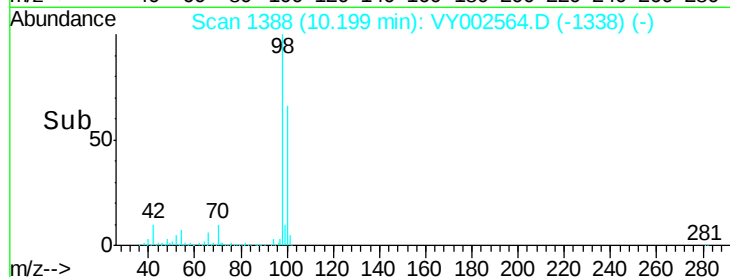
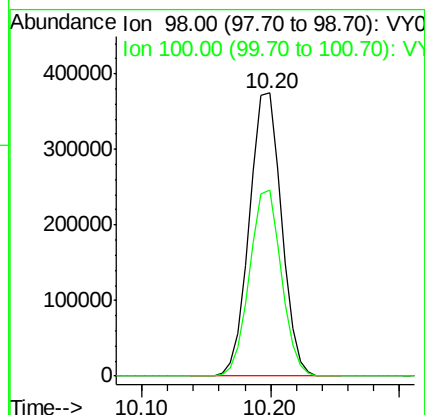
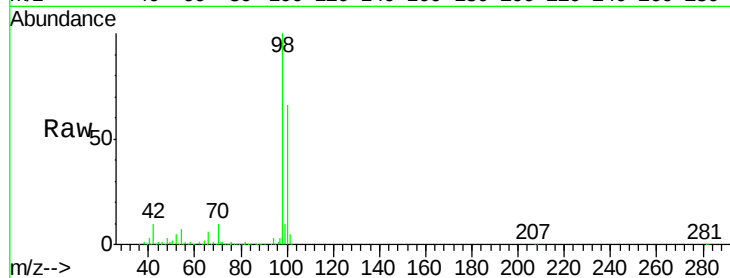
JHDS-SOUTH-C

Tot Ion: 98 Resp: 644228

Ion Ratio Lower Upper

98 100

100 65.1 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 42.735 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VY002564.D

Acq: 05 May 2020 01:13

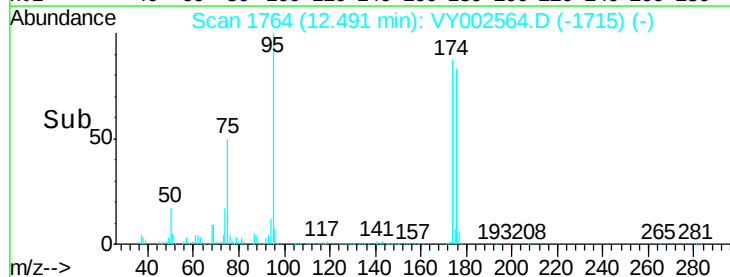
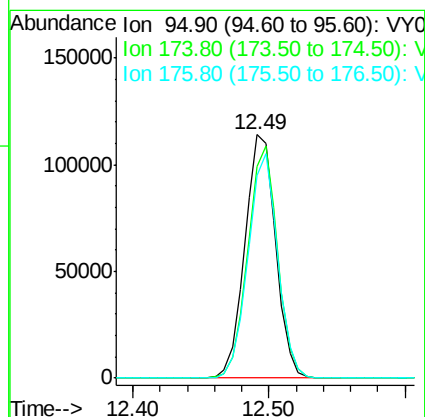
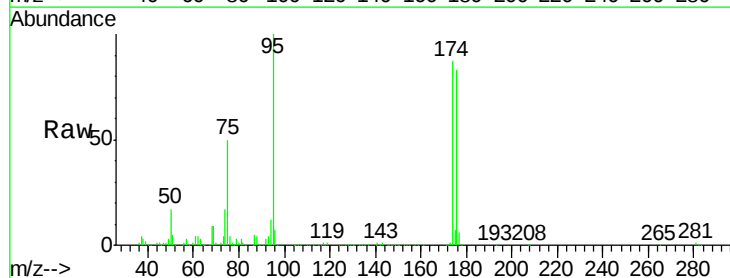
Tgt Ion: 95 Resp: 180609

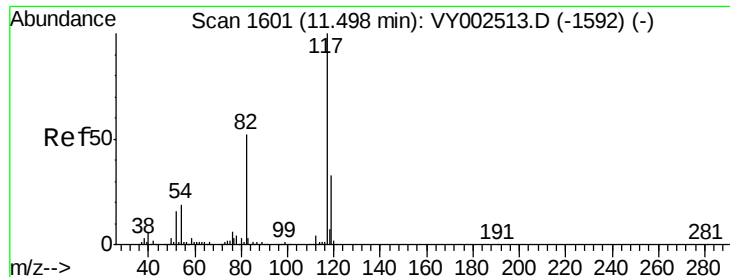
Ion Ratio Lower Upper

95 100

174 92.4 0.0 188.8

176 88.9 0.0 183.2

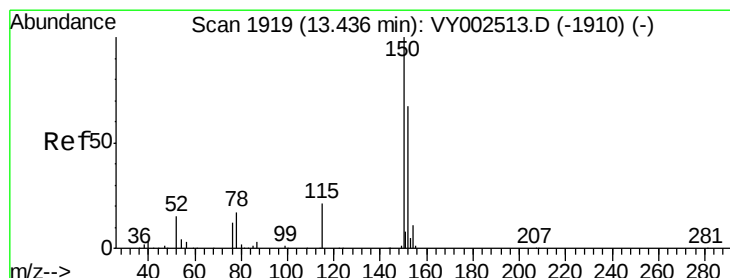
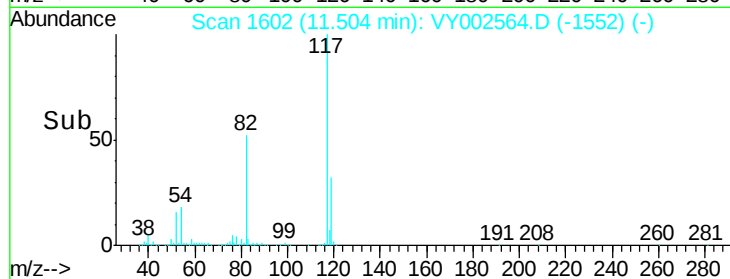
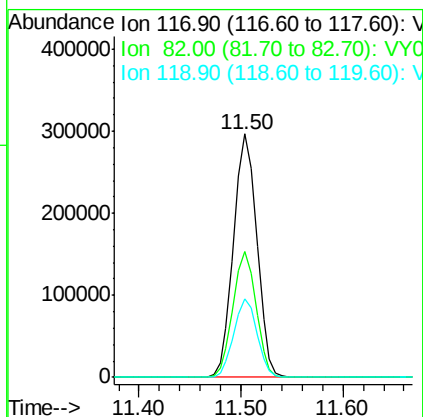
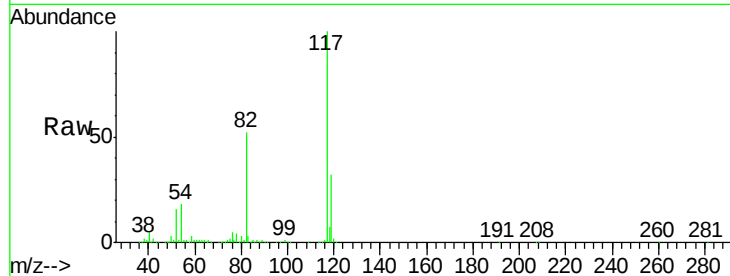




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002564.D
Acq: 05 May 2020 01:13

Instrument :
MSVOA_Y
ClientSampleId :
JHDS-SOUTH-C

Tot Ion:117 Resp: 468721
Ion Ratio Lower Upper
117 100
82 51.6 41.3 61.9
119 32.0 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.00 min
Lab File: VY002564.D
Acq: 05 May 2020 01:13

Tgt Ion:152 Resp: 178855
Ion Ratio Lower Upper
152 100
115 54.9 27.5 82.4
150 156.4 0.0 346.4

