

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 07:18:27 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

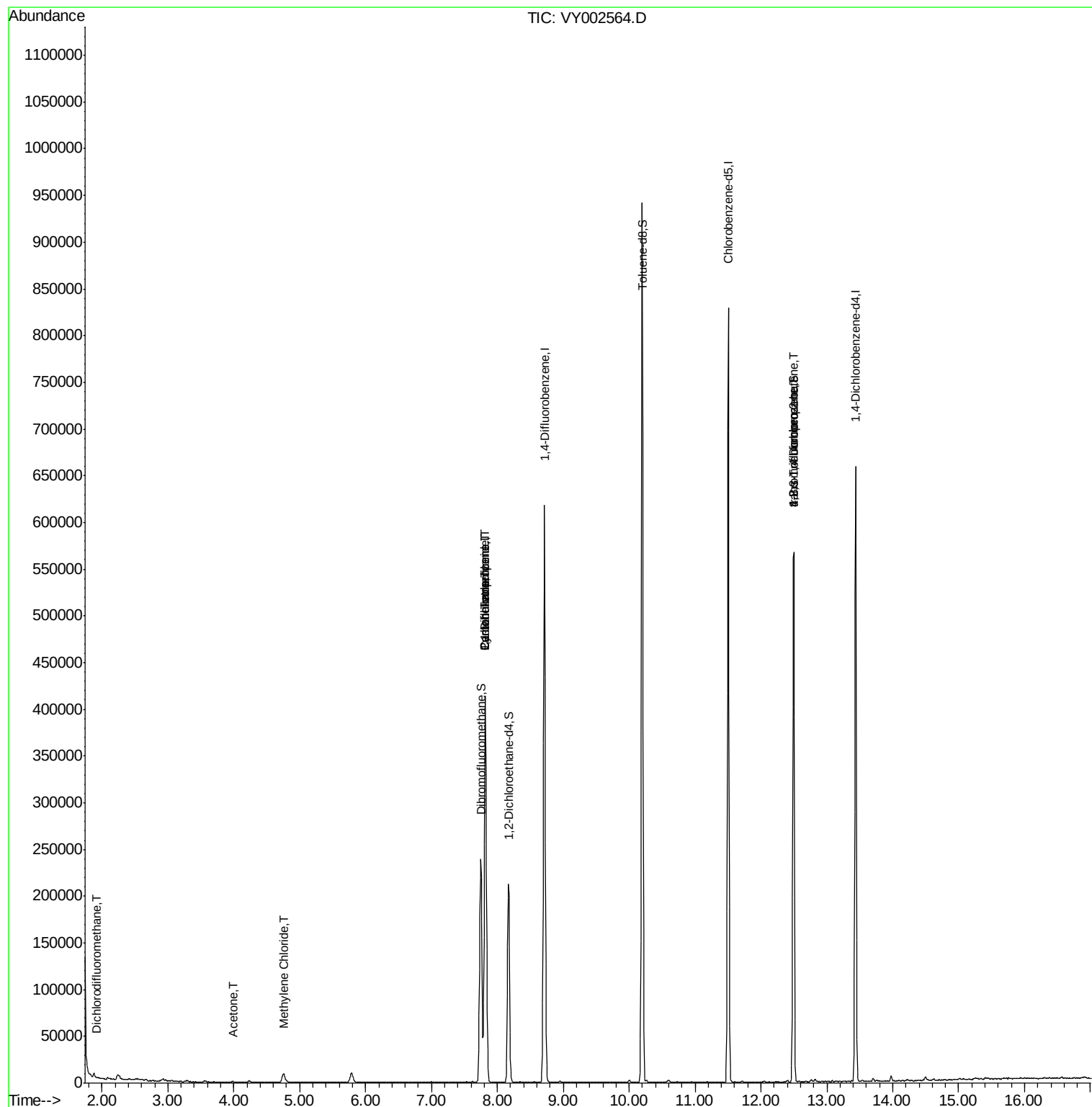
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	343006	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	557670	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	468721	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	178855	50.00	ug/l	0.00
System Monitoring Compounds						
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	
2) Dichlorodifluoromethane	1.92	85	67	1.807	ug/l #	43
16) Acetone	3.99	43	1120	1.882	ug/l #	80
20) Methylene Chloride	4.75	84	7489	2.250	ug/l	95
31) Cyclohexane	7.82	56	5664	1.093	ug/l #	1
36) 1,1-Dichloropropene	7.82	75	22425	4.797	ug/l #	50
38) Carbon Tetrachloride	7.82	117	31638	6.199	ug/l #	15
76) 1,2,3-Trichloropropane	12.49	75	87485	55.042	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	87485	110.370	ug/l #	15

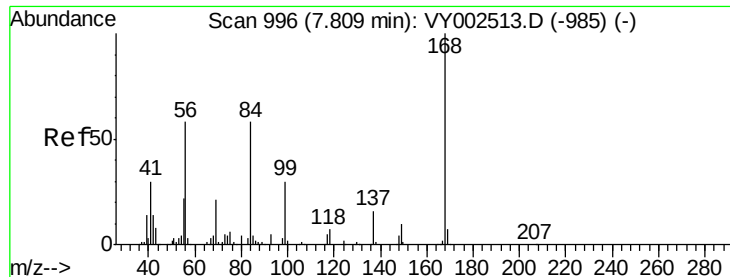
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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 :

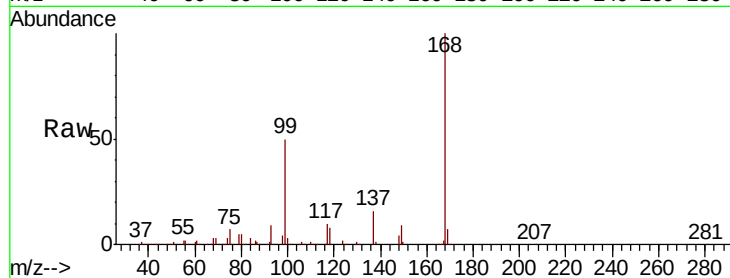
JHDS-SOUTH-C

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

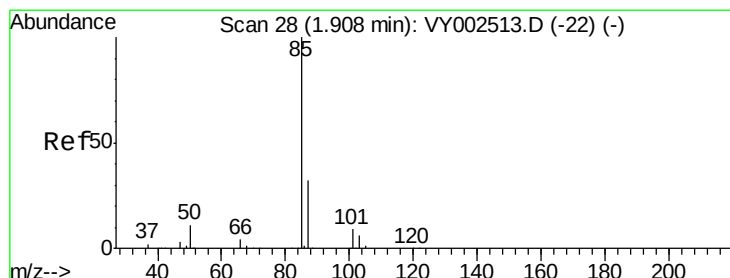
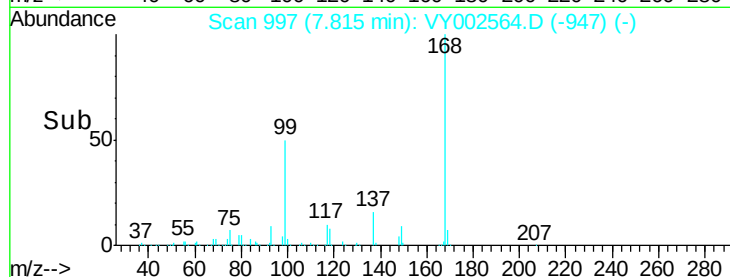
150000

100000

50000

0

Time--> 7.70 7.80 7.90



#2

Dichlorodifluoromethane

Concen: 1.807 ug/l

RT: 1.92 min Scan# 30

Delta R.T. 0.01 min

Lab File: VY002564.D

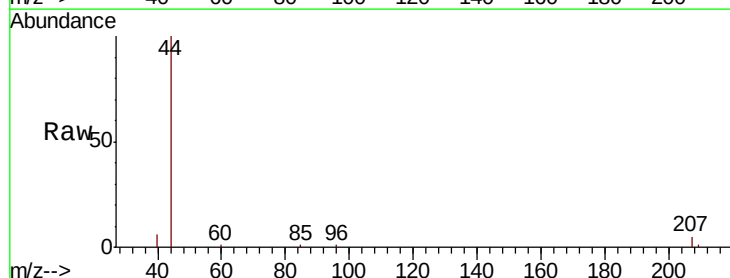
Acq: 05 May 2020 01:13

Tgt Ion: 85 Resp: 67

Ion Ratio Lower Upper

85 100

87 0.0 15.8 47.4#



Abundance Ion 84.90 (84.60 to 85.60): VY002513.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002513.D (-22) (-)

1.92

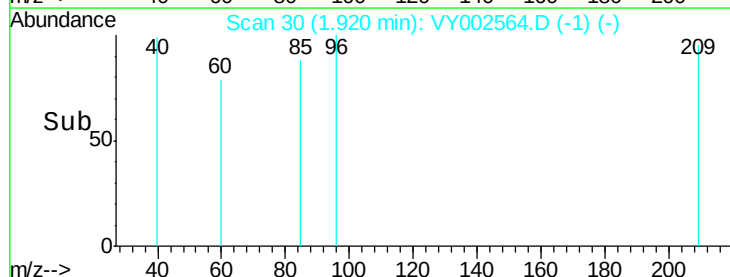
60

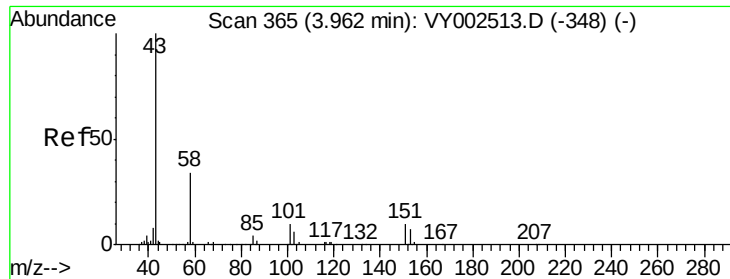
40

20

0

Time--> 1.88 1.90 1.92 1.94





#16

Acetone

Concen: 1.882 ug/l

RT: 3.99 min Scan# 370

Delta R.T. 0.03 min

Lab File: VY002564.D

Acq: 05 May 2020 01:13

Instrument :

MSVOA_Y

ClientSampleId :

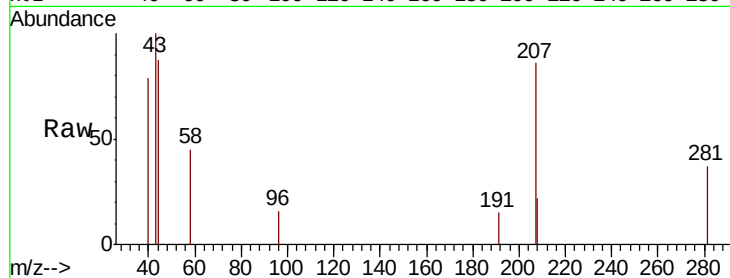
JHDS-SOUTH-C

Tot Ion: 43 Resp: 1120

Ion Ratio Lower Upper

43 100

58 44.9 26.9 40.3#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

3.99

400

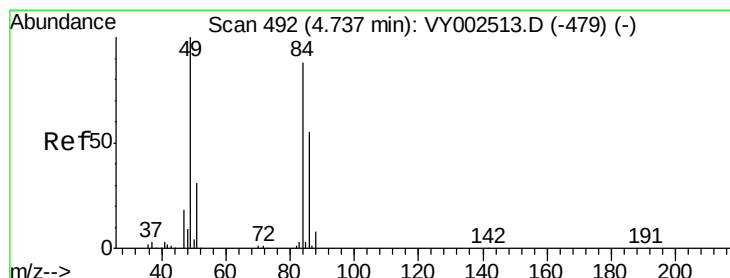
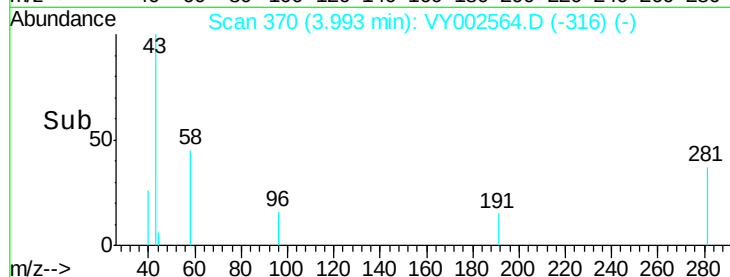
300

200

100

0

Time-->



#20

Methylene Chloride

Concen: 2.250 ug/l

RT: 4.75 min Scan# 495

Delta R.T. 0.02 min

Lab File: VY002564.D

Acq: 05 May 2020 01:13

Tgt Ion: 84 Resp: 7489

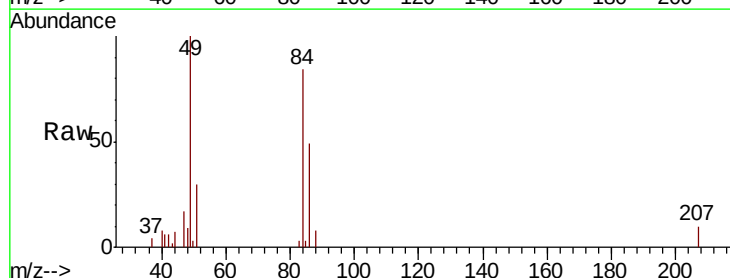
Ion Ratio Lower Upper

84 100

49 119.4 90.5 135.7

51 35.8 28.3 42.5

86 58.4 49.9 74.9



Abundance Ion 83.90 (83.60 to 84.60): VY0

Ion 48.90 (48.60 to 49.60): VY0

Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0

4000

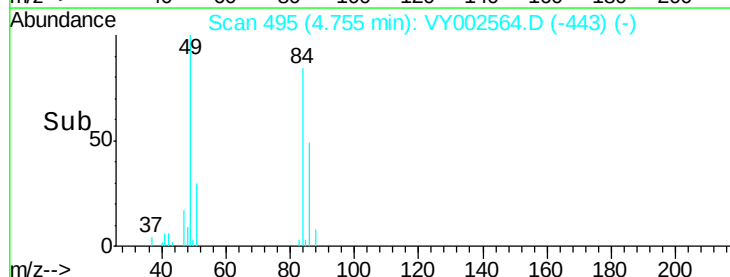
3000

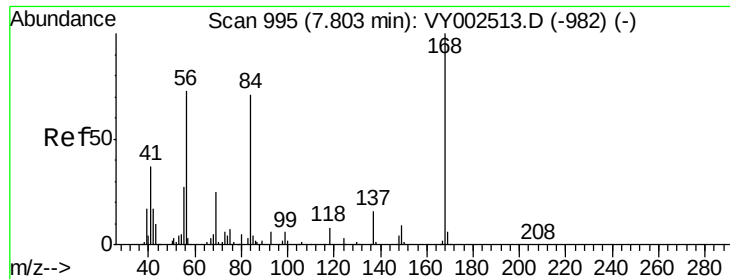
2000

1000

0

Time-->

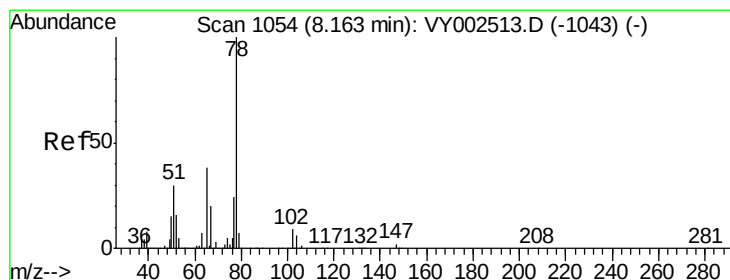
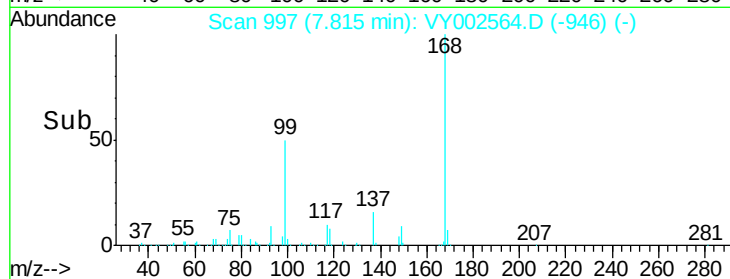
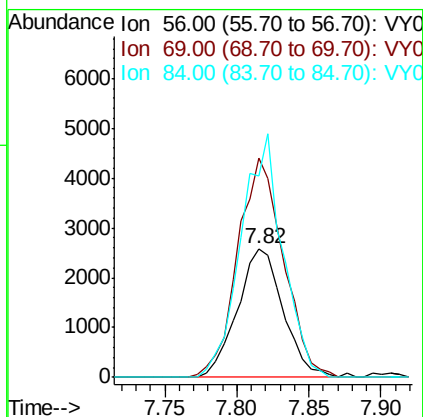
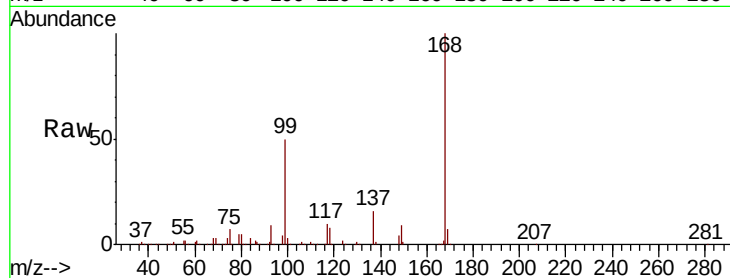




#31
Cyclohexane
Concen: 1.093 ug/l
RT: 7.82 min Scan# 997
Delta R.T. 0.01 min
Lab File: VY002564.D
Acq: 05 May 2020 01:13

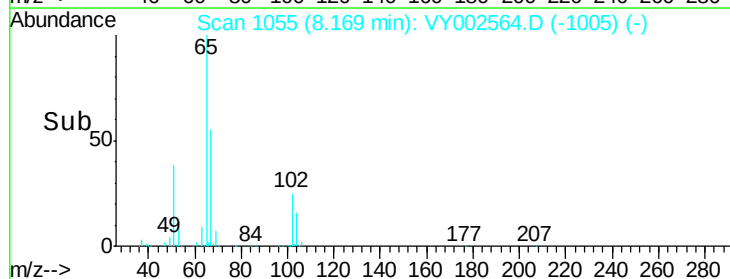
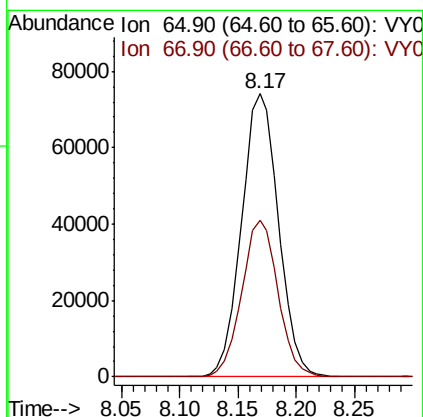
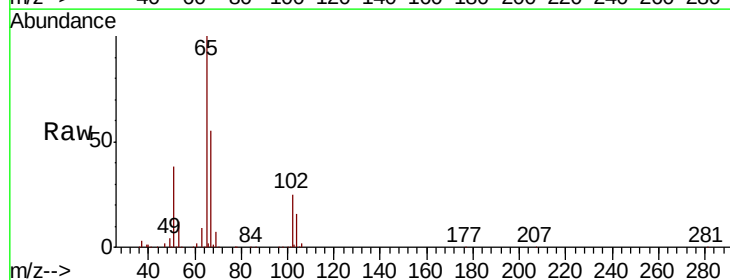
Instrument :
MSVOA_Y
ClientSampleId :
JHDS-SOUTH-C

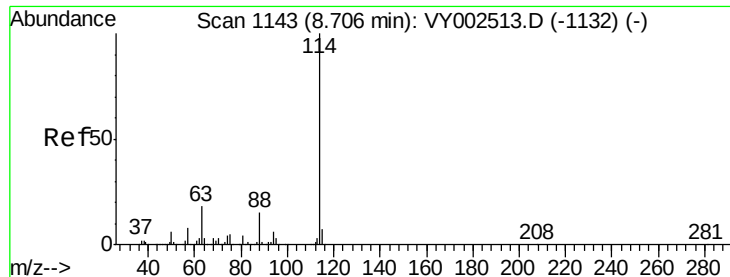
Tot Ion: 56 Resp: 5664
Ion Ratio Lower Upper
56 100
69 169.6 27.6 41.4#
84 156.7 77.7 116.5#



#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

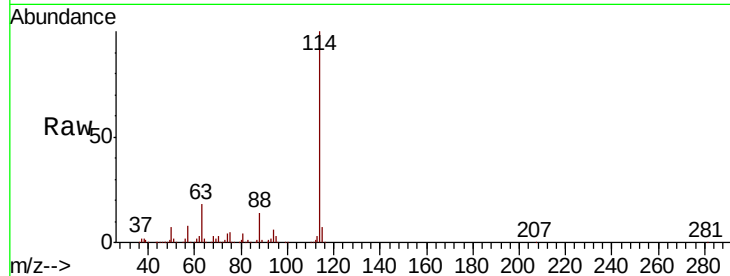




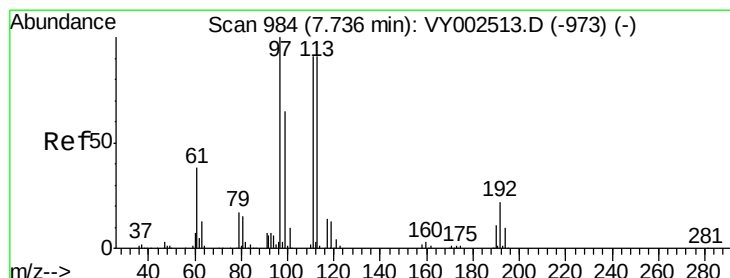
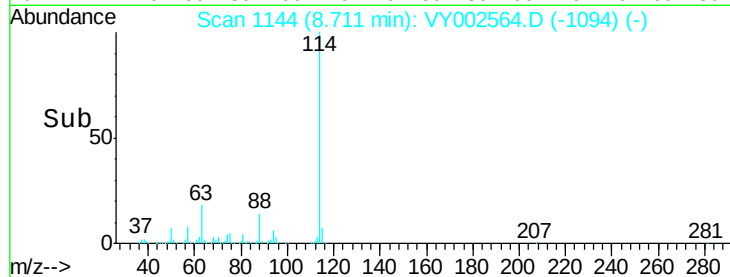
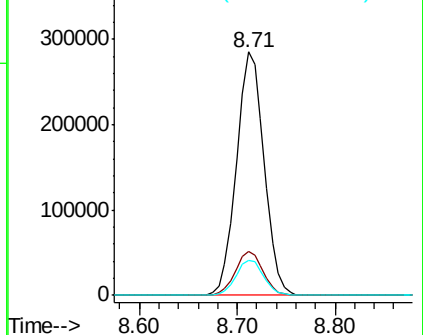
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY002564.D
 Acq: 05 May 2020 01:13

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

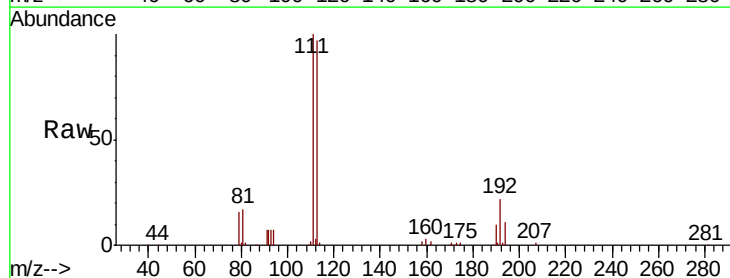


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

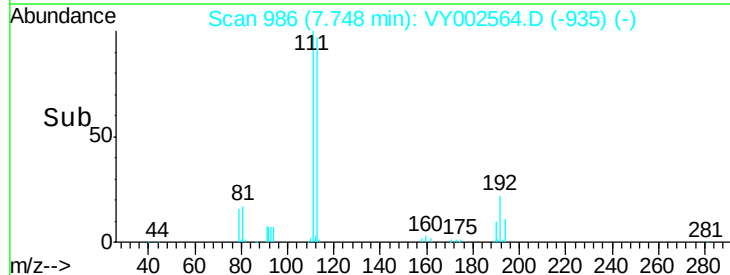
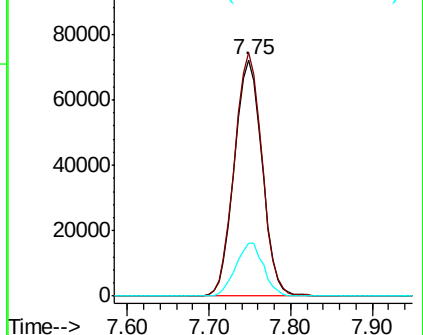


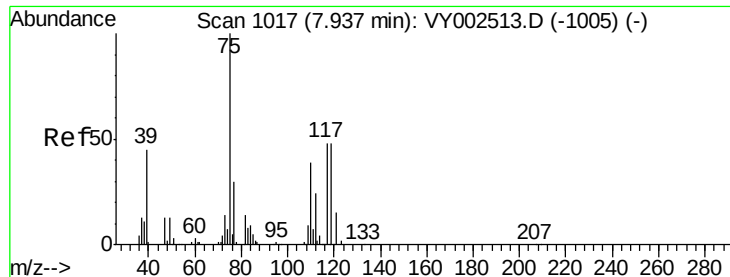
#35
 Dibromofluoromethane
 Concen: 53.315 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.01 min
 Lab File: VY002564.D
 Acq: 05 May 2020 01:13

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





#36

1,1-Dichloropropene

Concen: 4.797 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.12 min

Lab File: VY002564.D

Acq: 05 May 2020 01:13

Instrument :

MSVOA_Y

ClientSampleId :

JHDS-SOUTH-C

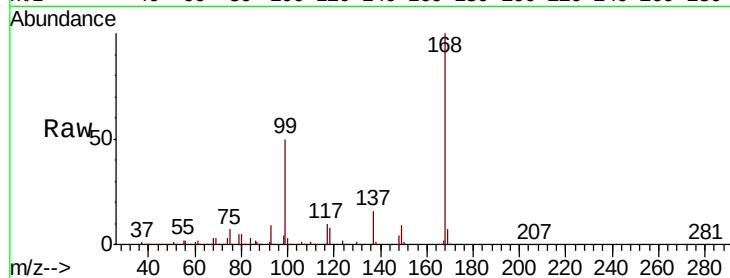
Tot Ion: 75 Resp: 22425

Ion Ratio Lower Upper

75 100

110 11.1 19.1 57.3#

77 0.0 24.6 37.0#

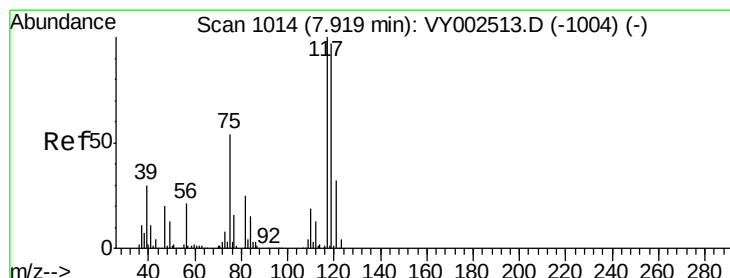
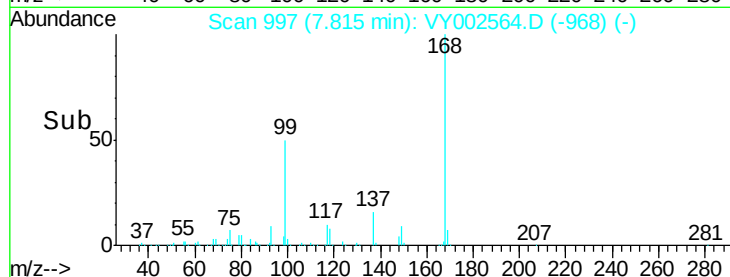


Abundance Ion 74.90 (74.60 to 75.60): VY002513.D (-1005) (-)

Ion 109.90 (109.60 to 110.60): VY002513.D (-1005) (-)

Ion 76.90 (76.60 to 77.60): VY002513.D (-1005) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 6.199 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.10 min

Lab File: VY002564.D

Acq: 05 May 2020 01:13

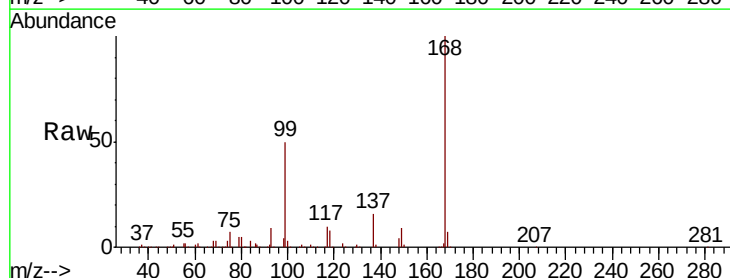
Tgt Ion: 117 Resp: 31638

Ion Ratio Lower Upper

117 100

119 4.4 77.1 115.7#

121 0.0 25.2 37.8#

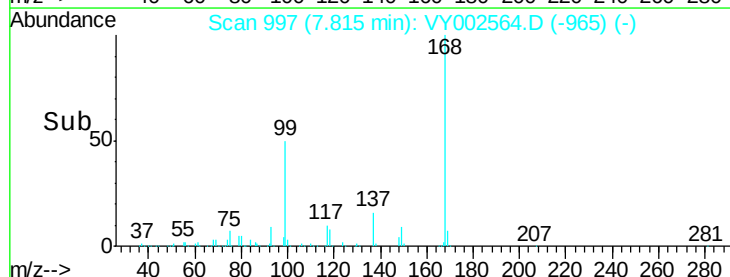


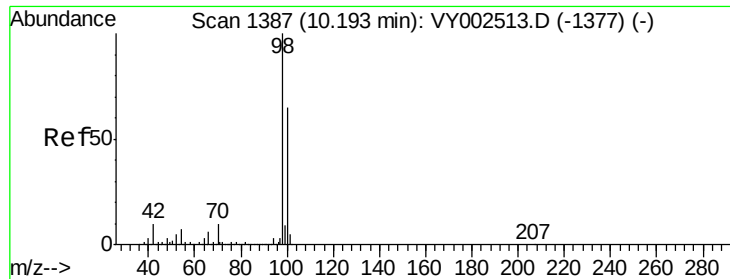
Abundance Ion 116.80 (116.50 to 117.50): VY002513.D (-1004) (-)

Ion 118.80 (118.50 to 119.50): VY002513.D (-1004) (-)

Ion 120.80 (120.50 to 121.50): VY002513.D (-1004) (-)

Time-->





#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 :

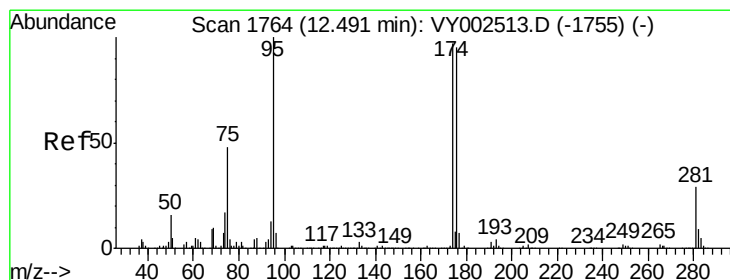
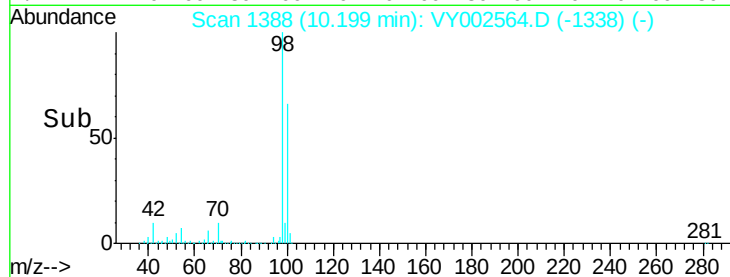
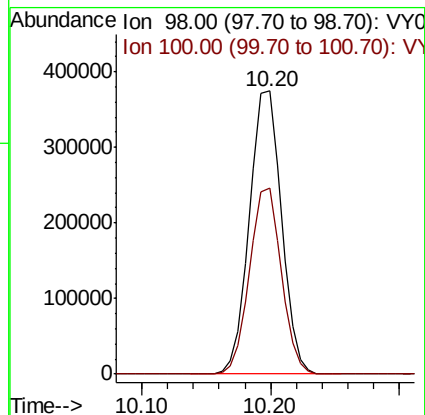
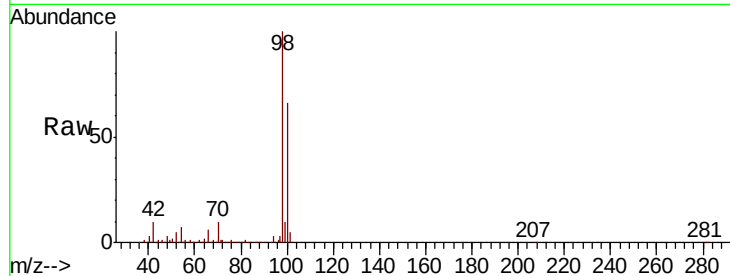
JHDS-SOUTH-C

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

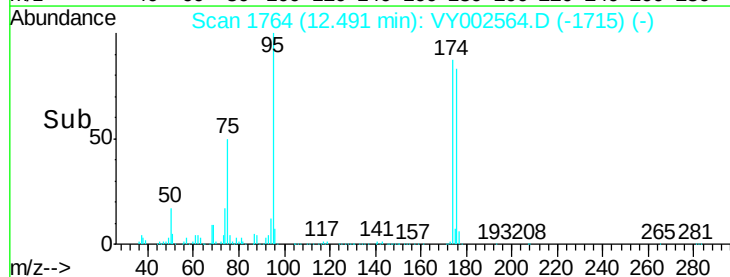
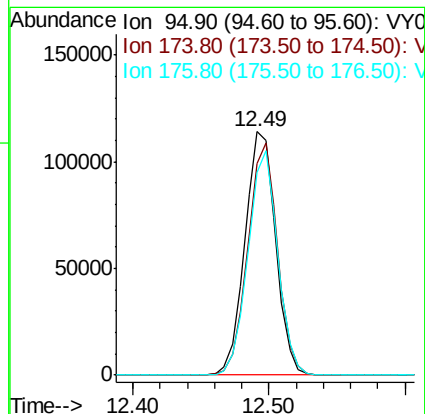
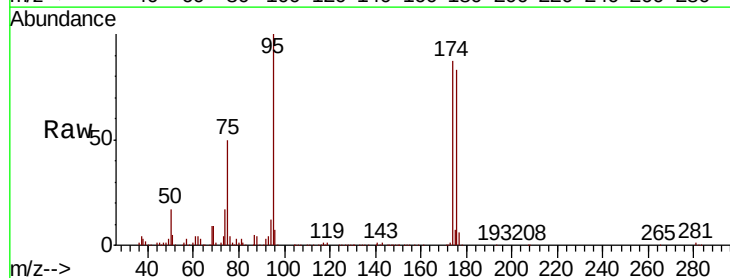
Tgt Ion: 95 Resp: 180609

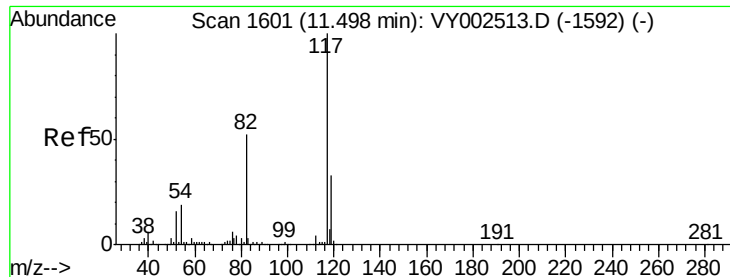
Ion Ratio Lower Upper

95 100

174 92.4 0.0 188.8

176 88.9 0.0 183.2

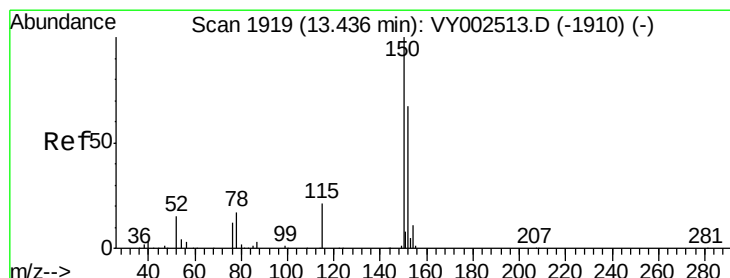
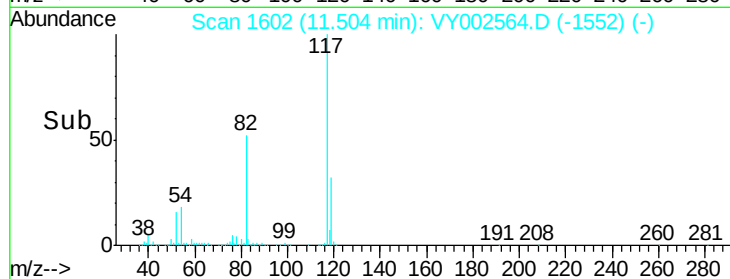
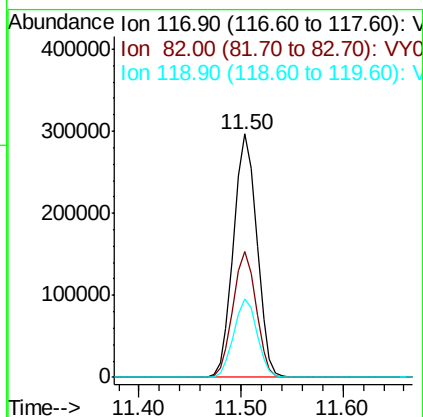
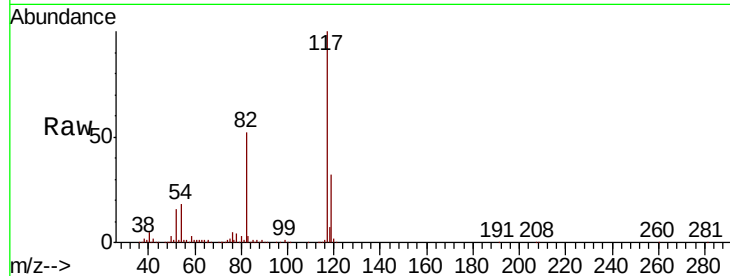




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002564.D
Acq: 05 May 2020 01:13

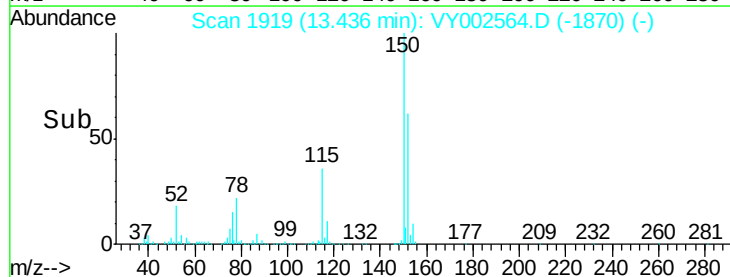
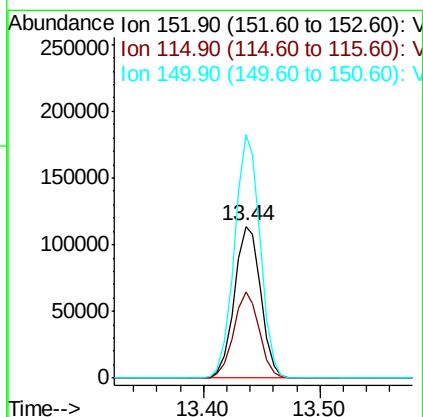
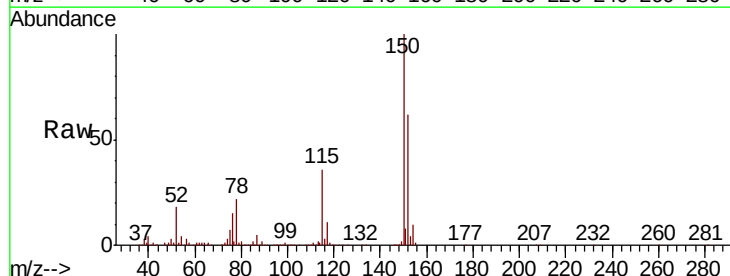
Instrument :
MSVOA_Y
ClientSampleId :
JHDS-SOUTH-C

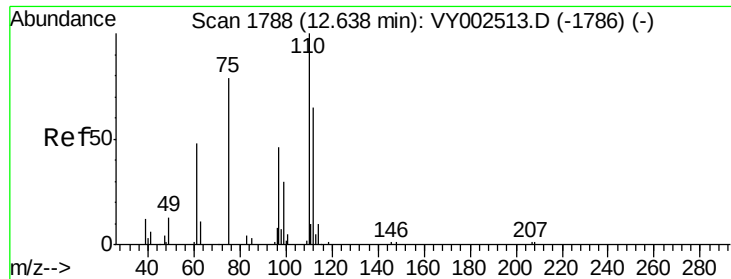
Tot Ion:117 Resp: 468721
Ion Ratio Lower Upper
117 100
82 51.6 41.3 61.9
119 32.0 26.0 39.0



#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





#76

1,2,3-Trichloropropane

Concen: 55.042 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY002564.D

Acq: 05 May 2020 01:13

Instrument :

MSVOA_Y

ClientSampleId :

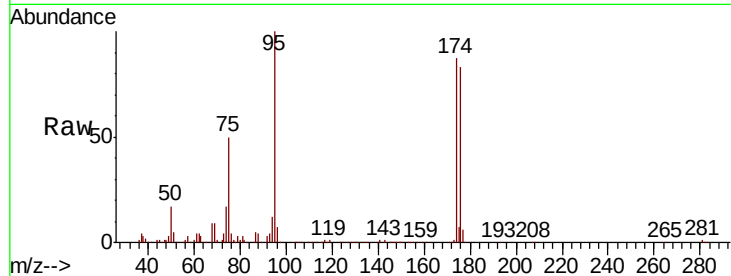
JHDS-SOUTH-C

Tot Ion: 75 Resp: 87485

Ion Ratio Lower Upper

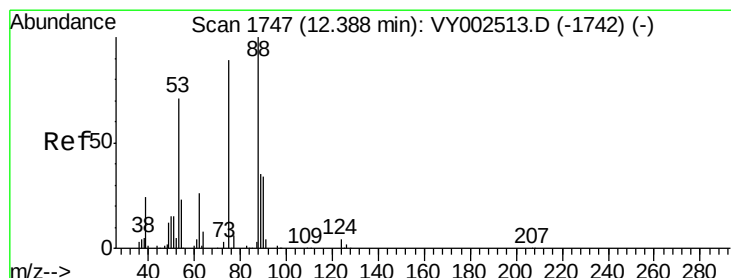
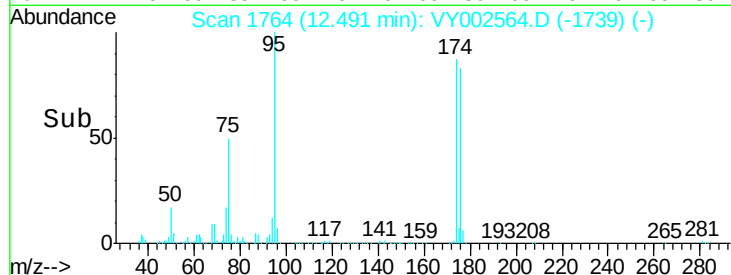
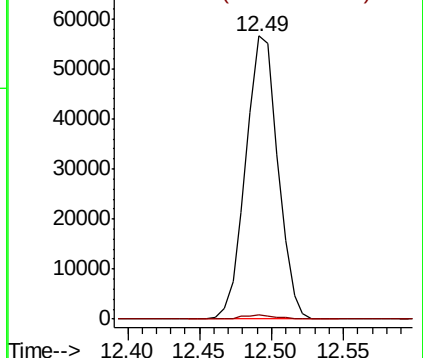
75 100

77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0



#81

trans-1,4-Dichloro-2-butene

Concen: 110.370 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY002564.D

Acq: 05 May 2020 01:13

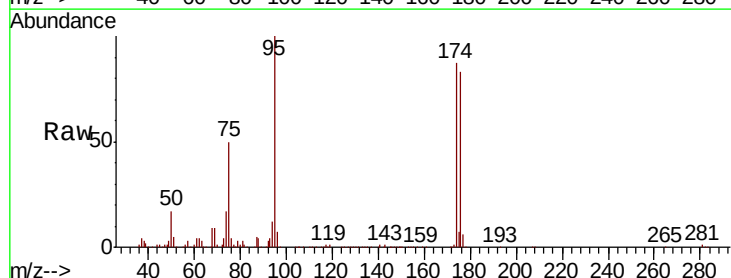
Tgt Ion: 75 Resp: 87485

Ion Ratio Lower Upper

75 100

53 0.0 67.4 101.0#

89 0.1 37.4 56.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0

