

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040120\
 Data File : VY002175.D
 Acq On : 01 Apr 2020 19:47
 Operator : SY/MD
 Sample : L2129-31
 Misc : 7.73G/5ML/MSVOA Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 02 06:25:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

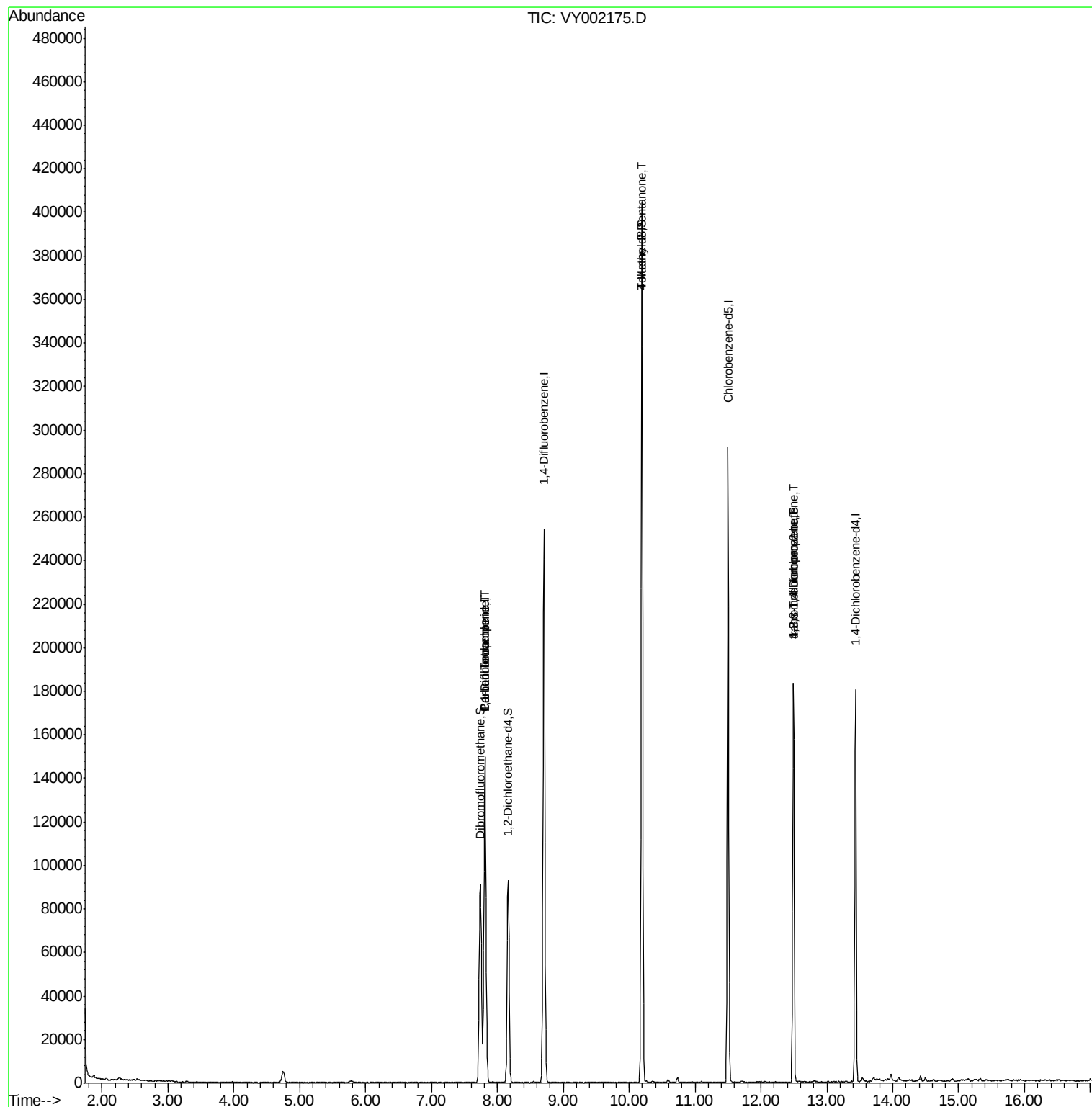
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	113038	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	214371	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	159761	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	42768	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	68008	54.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.84%	
35) Dibromofluoromethane	7.74	113	65191	54.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.54%	
50) Toluene-d8	10.19	98	252199	50.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.08%	
62) 4-Bromofluorobenzene	12.49	95	56368	32.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	64.60%	
Target Compounds						
20) Methylene Chloride	4.74	84	3756	Below Cal	#	85
36) 1,1-Dichloropropene	7.82	75	9777	4.822	ug/l #	50
38) Carbon Tetrachloride	7.82	117	11612	6.750	ug/l #	17
51) 4-Methyl-2-Pentanone	10.19	43	1333	1.138	ug/l #	1
76) 1,2,3-Trichloropropane	12.49	75	29122	60.874	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	29122	117.934	ug/l #	17

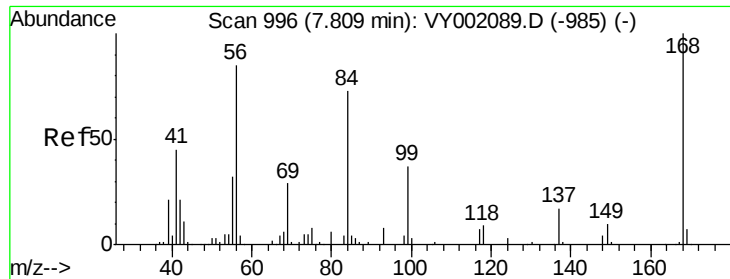
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY040120\
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Acq On : 01 Apr 2020 19:47
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 07:11:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002175.D

Acq: 01 Apr 2020 19:47

Instrument :

MSVOA_Y

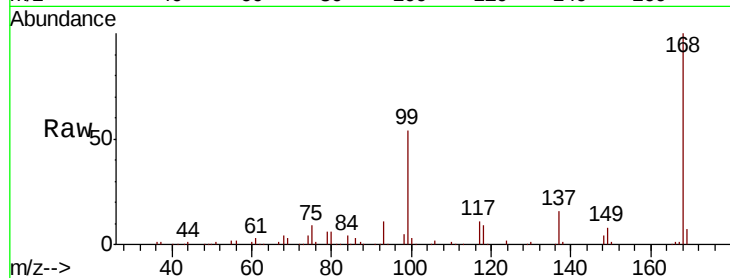
ClientSampleId :

Tot Ion:168 Resp: 113038

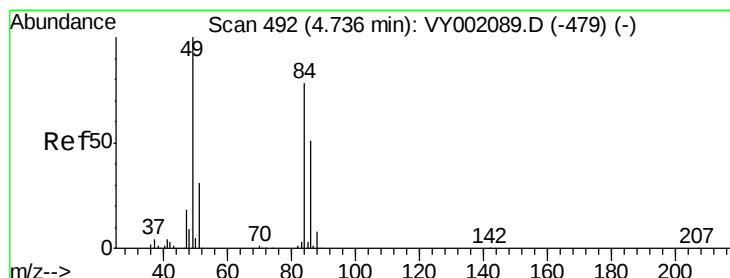
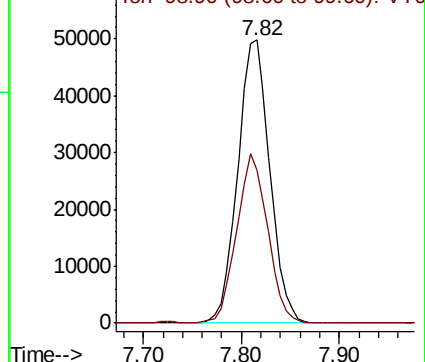
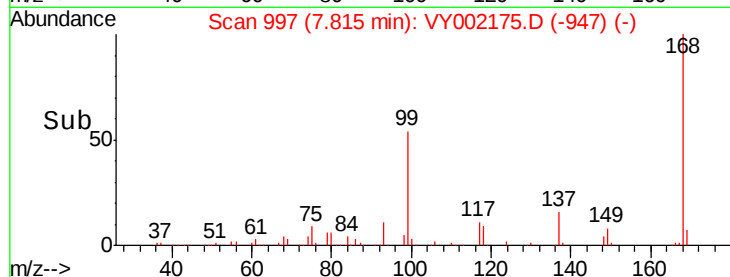
Ion Ratio Lower Upper

168 100

99 53.8 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002175.D (-947) (-)



#20

Methylene Chloride

Concen: Below Cal

RT: 4.74 min Scan# 493

Delta R.T. 0.01 min

Lab File: VY002175.D

Acq: 01 Apr 2020 19:47

Tgt Ion: 84 Resp: 3756

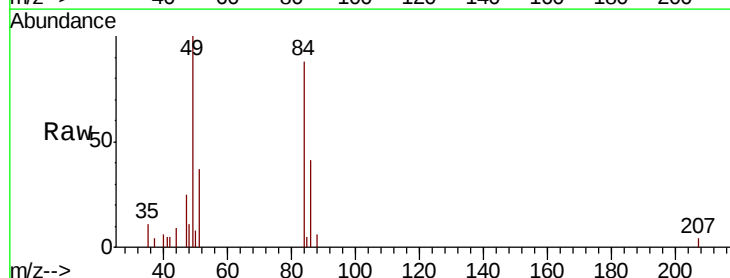
Ion Ratio Lower Upper

84 100

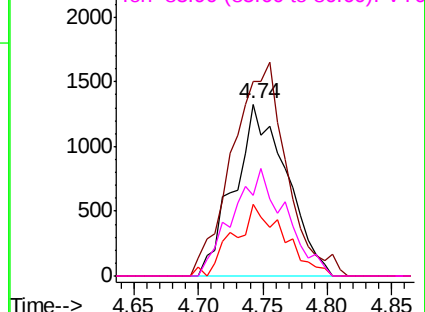
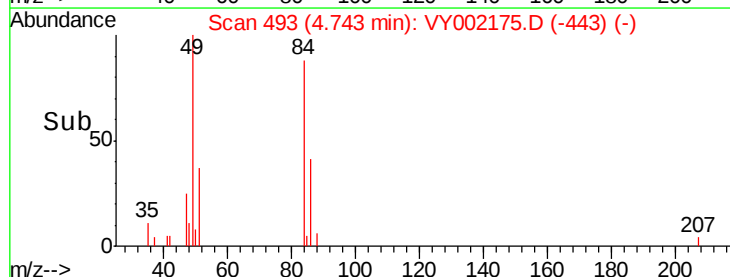
49 113.1 102.2 153.4

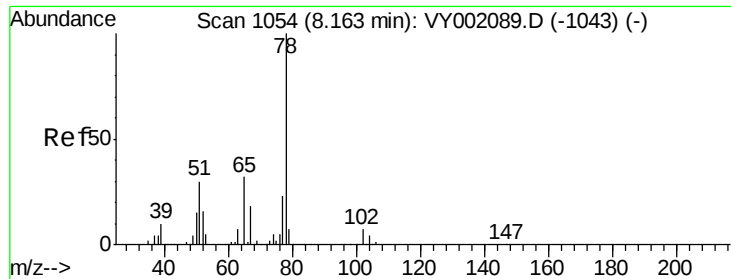
51 41.7 31.2 46.8

86 46.6 52.6 78.8#



Abundance Ion 83.90 (83.60 to 84.60): VY002175.D (-443) (-)

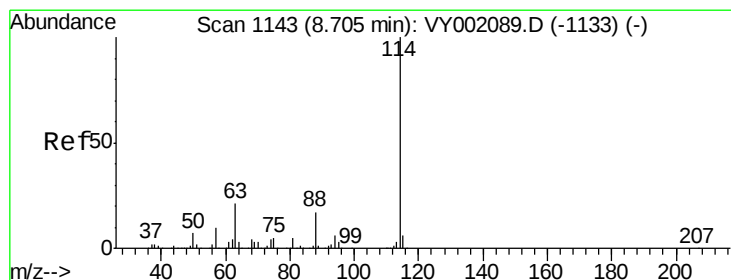
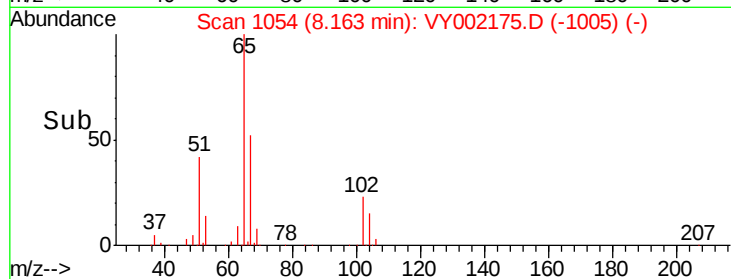
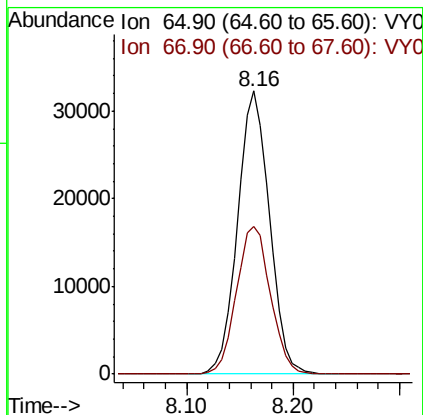
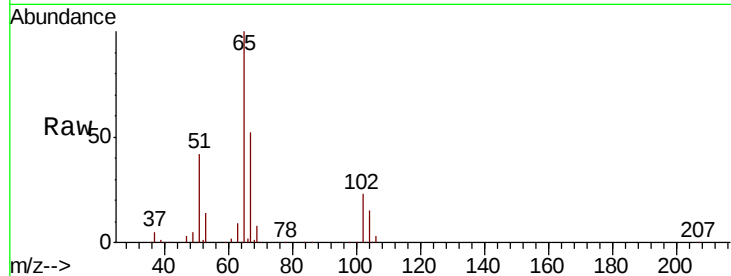




#33
 1,2-Dichloroethane-d4
 Concen: 54.424 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: VY002175.D
 Acq: 01 Apr 2020 19:47

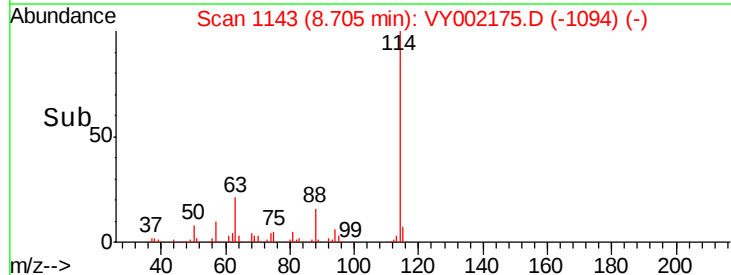
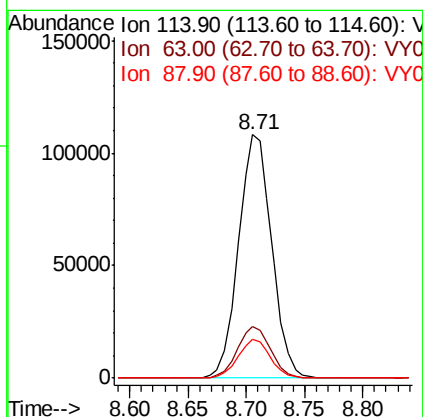
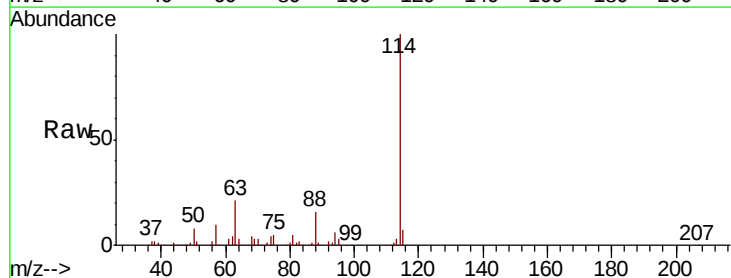
Instrument :
 MSVOA_Y
 ClientSampleId :

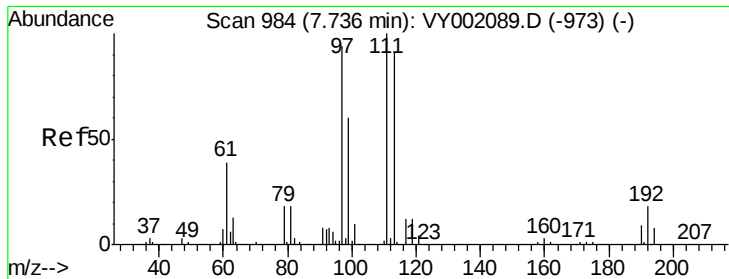
Tot Ion: 65 Resp: 68008
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: VY002175.D
 Acq: 01 Apr 2020 19:47

Tgt Ion: 114 Resp: 214371
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 41.4
 88 15.8 0.0 33.0

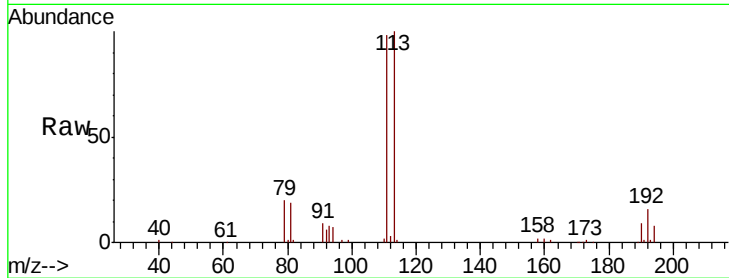




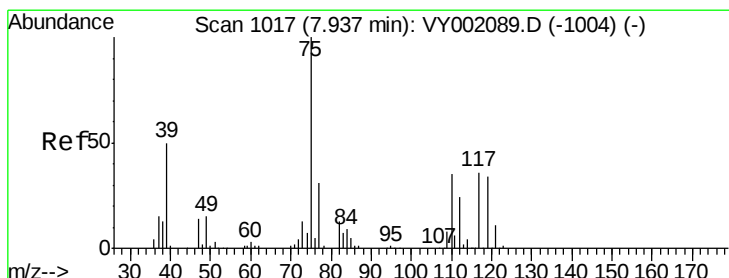
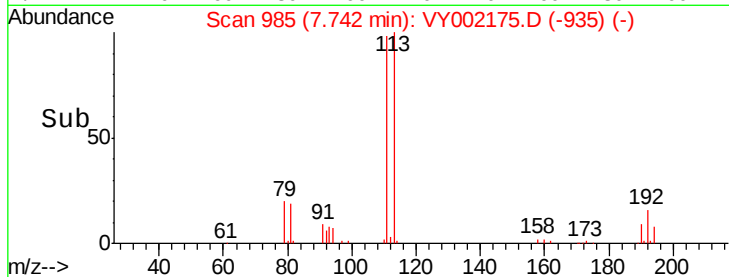
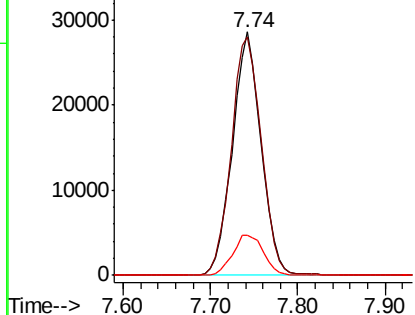
#35
 Dibromofluoromethane
 Concen: 54.274 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. 0.01 min
 Lab File: VY002175.D
 Acq: 01 Apr 2020 19:47

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:113 Resp: 65191
 Ion Ratio Lower Upper
 113 100
 111 102.5 84.4 126.6
 192 17.8 14.6 21.8

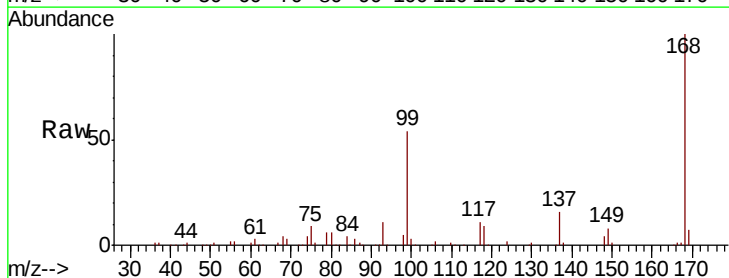


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

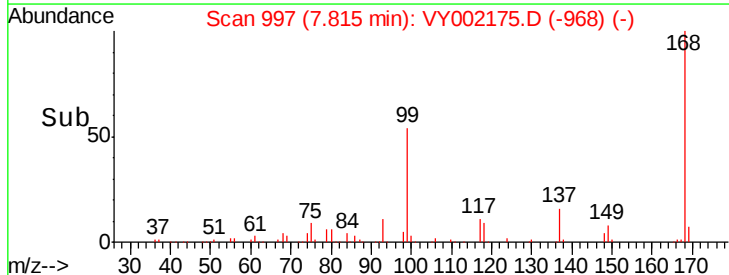
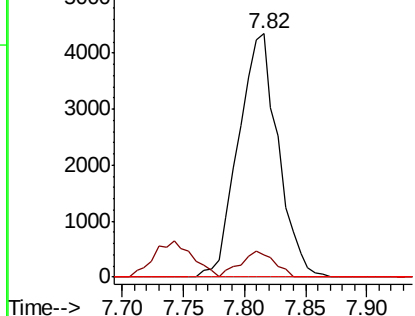


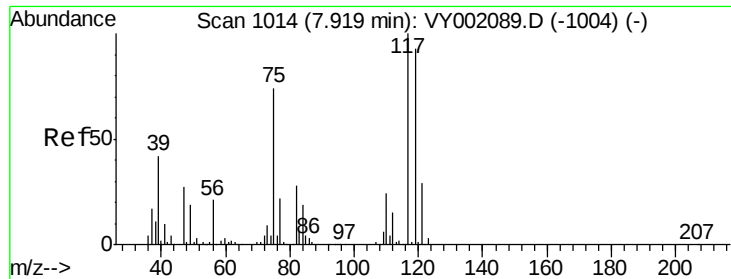
#36
 1,1-Dichloropropene
 Concen: 4.822 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.12 min
 Lab File: VY002175.D
 Acq: 01 Apr 2020 19:47

Tgt Ion: 75 Resp: 9777
 Ion Ratio Lower Upper
 75 100
 110 9.2 17.2 51.6#
 77 0.0 24.7 37.1#



Abundance Ion 74.90 (74.60 to 75.60): VY0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VY0

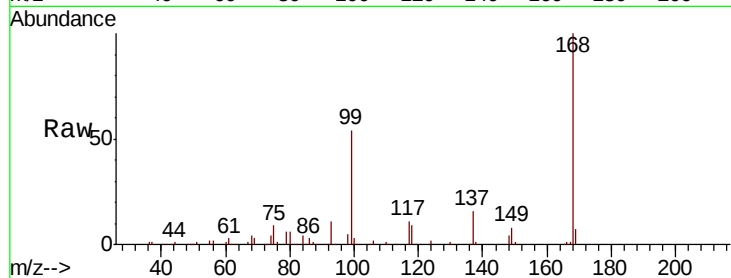




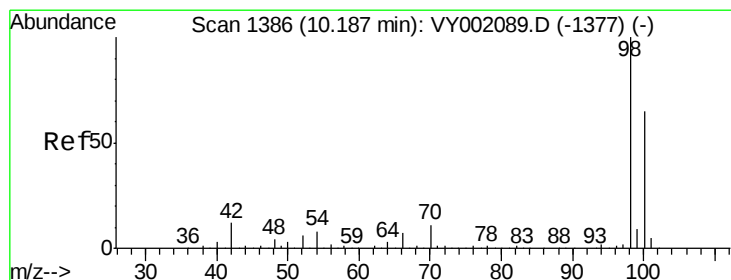
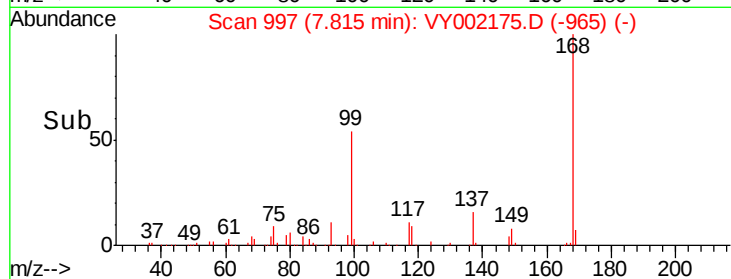
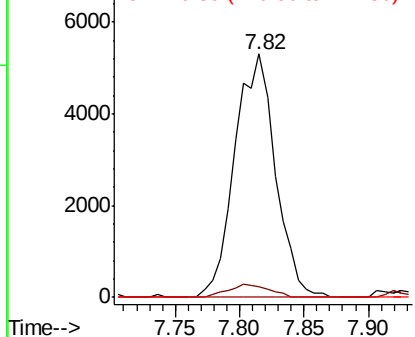
#38
Carbon Tetrachloride
Concen: 6.750 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.10 min
Lab File: VY002175.D
Acq: 01 Apr 2020 19:47

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 11612
Ion Ratio Lower Upper
117 100
119 4.4 74.3 111.5#
121 0.0 23.3 34.9#

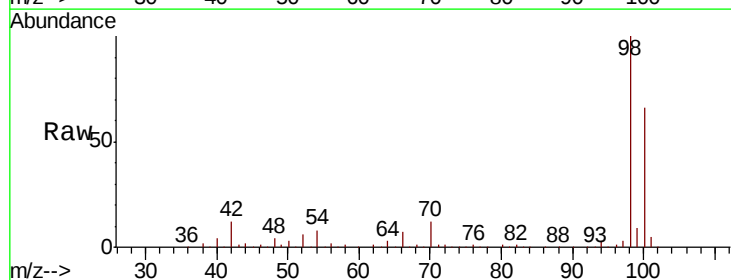


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

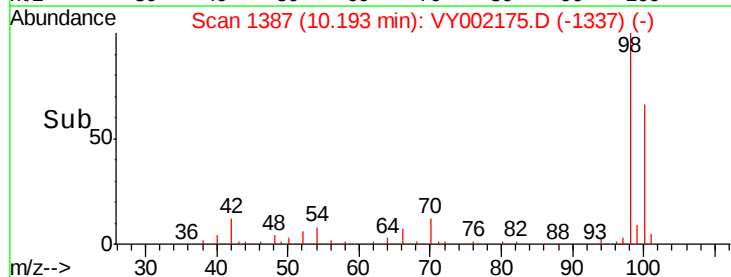
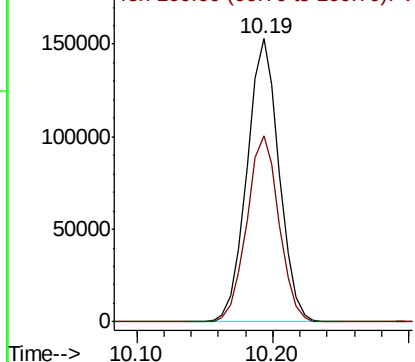


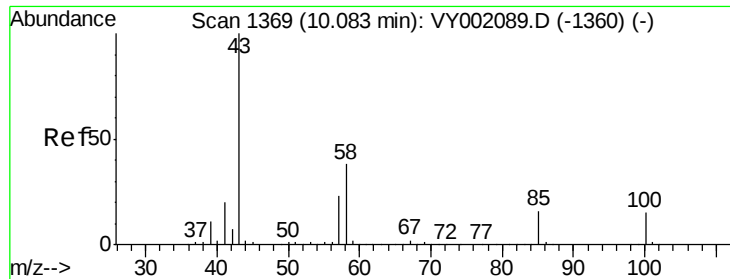
#50
Toluene-d8
Concen: 50.542 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.01 min
Lab File: VY002175.D
Acq: 01 Apr 2020 19:47

Tgt Ion: 98 Resp: 252199
Ion Ratio Lower Upper
98 100
100 66.1 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY





#51

4-Methyl-2-Pentanone

Concen: 1.138 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.11 min

Lab File: VY002175.D

Acq: 01 Apr 2020 19:47

Instrument :

MSVOA_Y

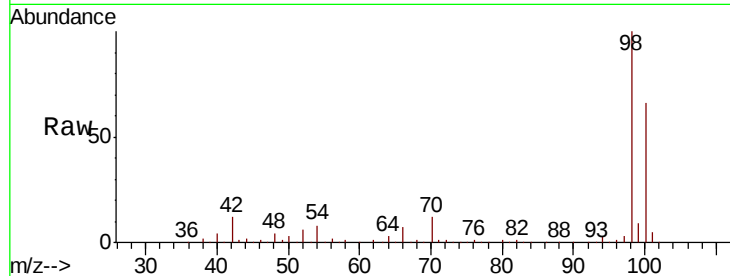
ClientSampled :

Tot Ion: 43 Resp: 1333

Ion Ratio Lower Upper

43 100

58 173.1 31.6 47.4#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

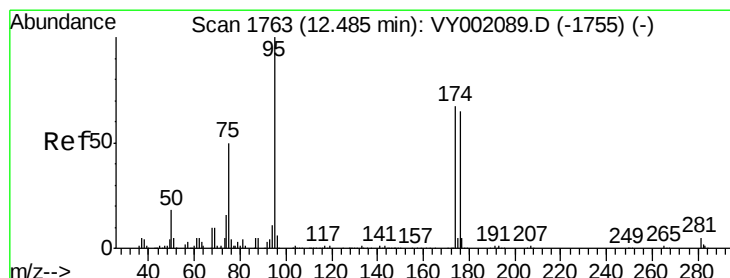
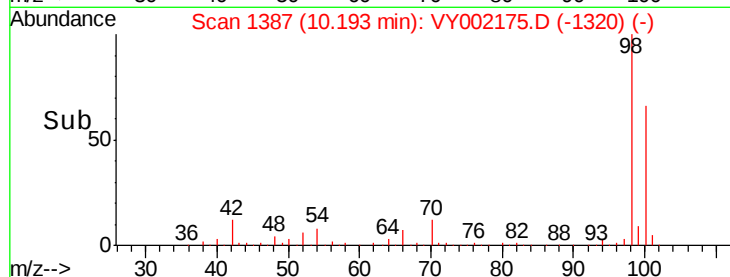
10.19

1000

500

0

Time-->



#62

4-Bromofluorobenzene

Concen: 32.300 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY002175.D

Acq: 01 Apr 2020 19:47

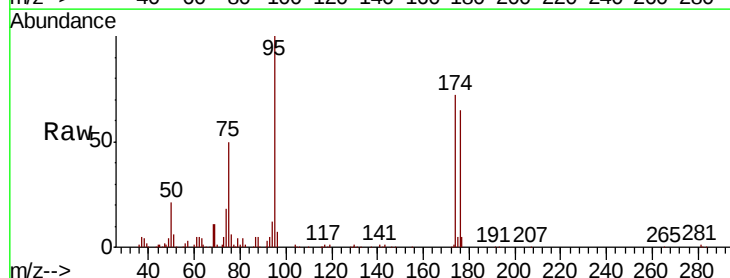
Tgt Ion: 95 Resp: 56368

Ion Ratio Lower Upper

95 100

174 73.6 0.0 143.4

176 69.6 0.0 137.0



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

12.49

50000

40000

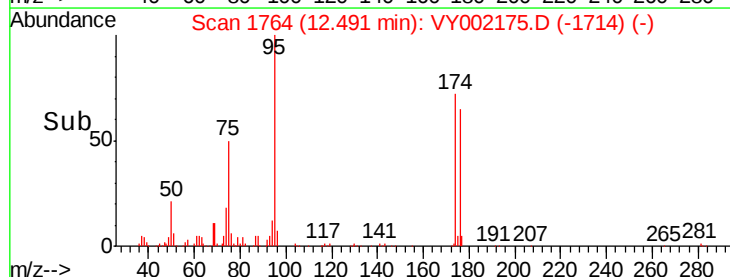
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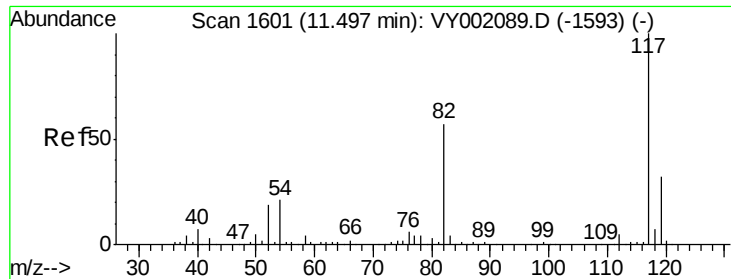
20000

10000

0

Time-->

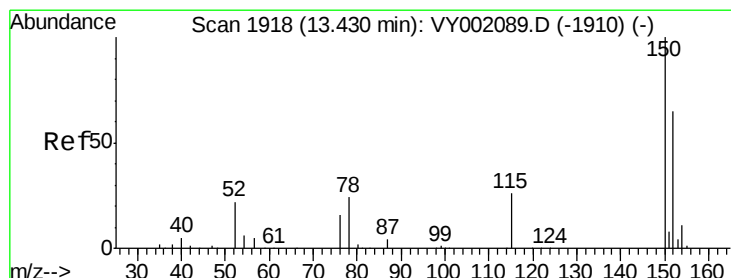
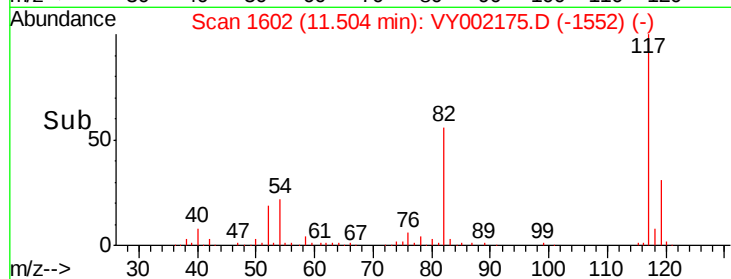
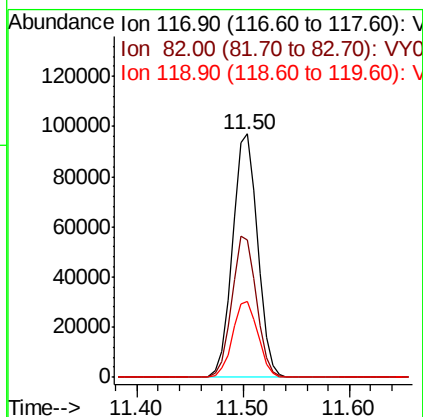
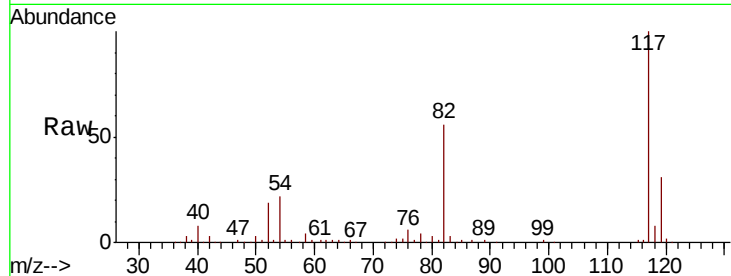




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002175.D
Acq: 01 Apr 2020 19:47

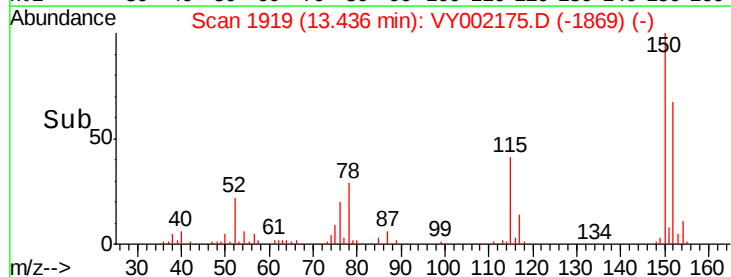
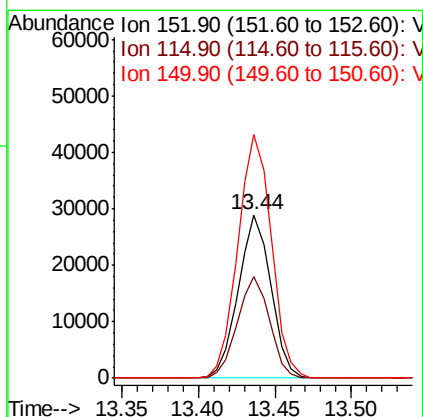
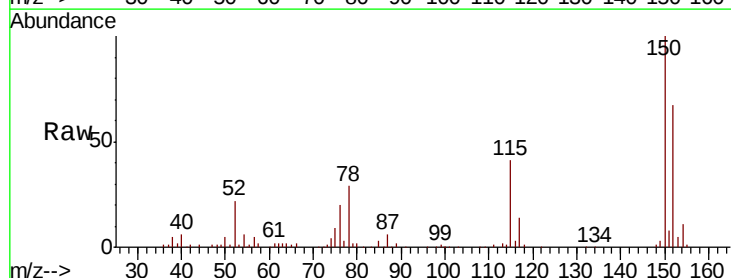
Instrument :
MSVOA_Y
ClientSampleId :

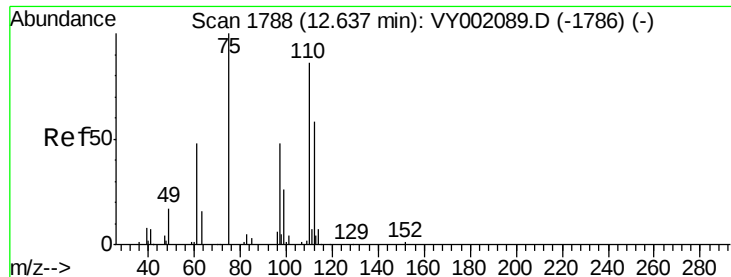
Tot Ion:117 Resp: 159761
Ion Ratio Lower Upper
117 100
82 56.3 45.4 68.2
119 31.4 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002175.D
Acq: 01 Apr 2020 19:47

Tgt Ion:152 Resp: 42768
Ion Ratio Lower Upper
152 100
115 61.1 31.2 93.6
150 153.3 0.0 354.8





#76

1,2,3-Trichloropropane

Concen: 60.874 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY002175.D

Acq: 01 Apr 2020 19:47

Instrument :

MSVOA_Y

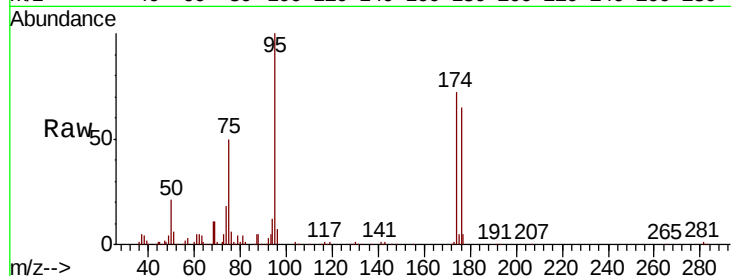
ClientSampleId :

Tot Ion: 75 Resp: 29122

Ion Ratio Lower Upper

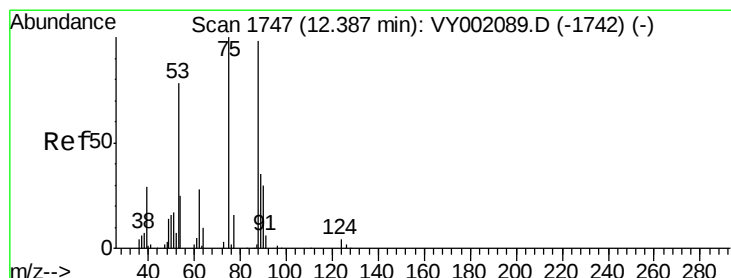
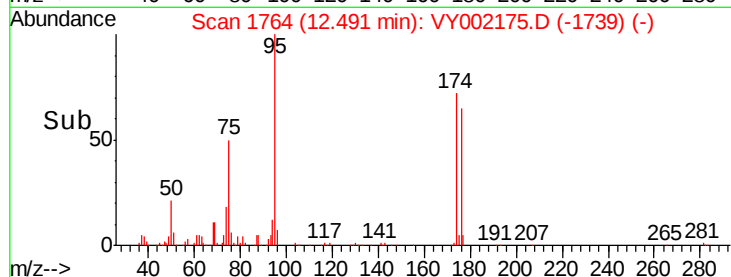
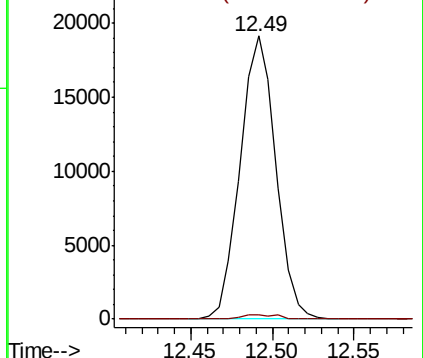
75 100

77 1.8 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: 117.934 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY002175.D

Acq: 01 Apr 2020 19:47

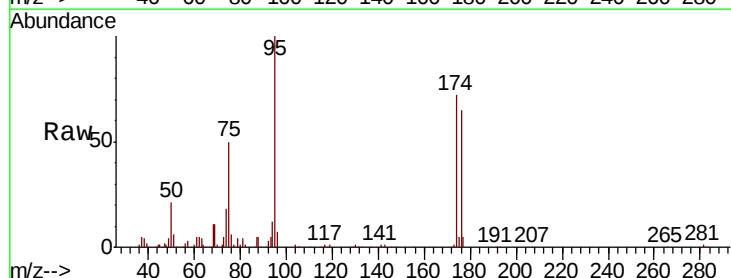
Tgt Ion: 75 Resp: 29122

Ion Ratio Lower Upper

75 100

53 0.1 65.0 97.4#

89 0.2 33.4 50.0#



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

