

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD010320\
 Data File : VD064737.D
 Acq On : 03 Jan 2020 16:34
 Operator : VA/SY
 Sample : K6472-04
 Misc : 8.465.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 06 06:47:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

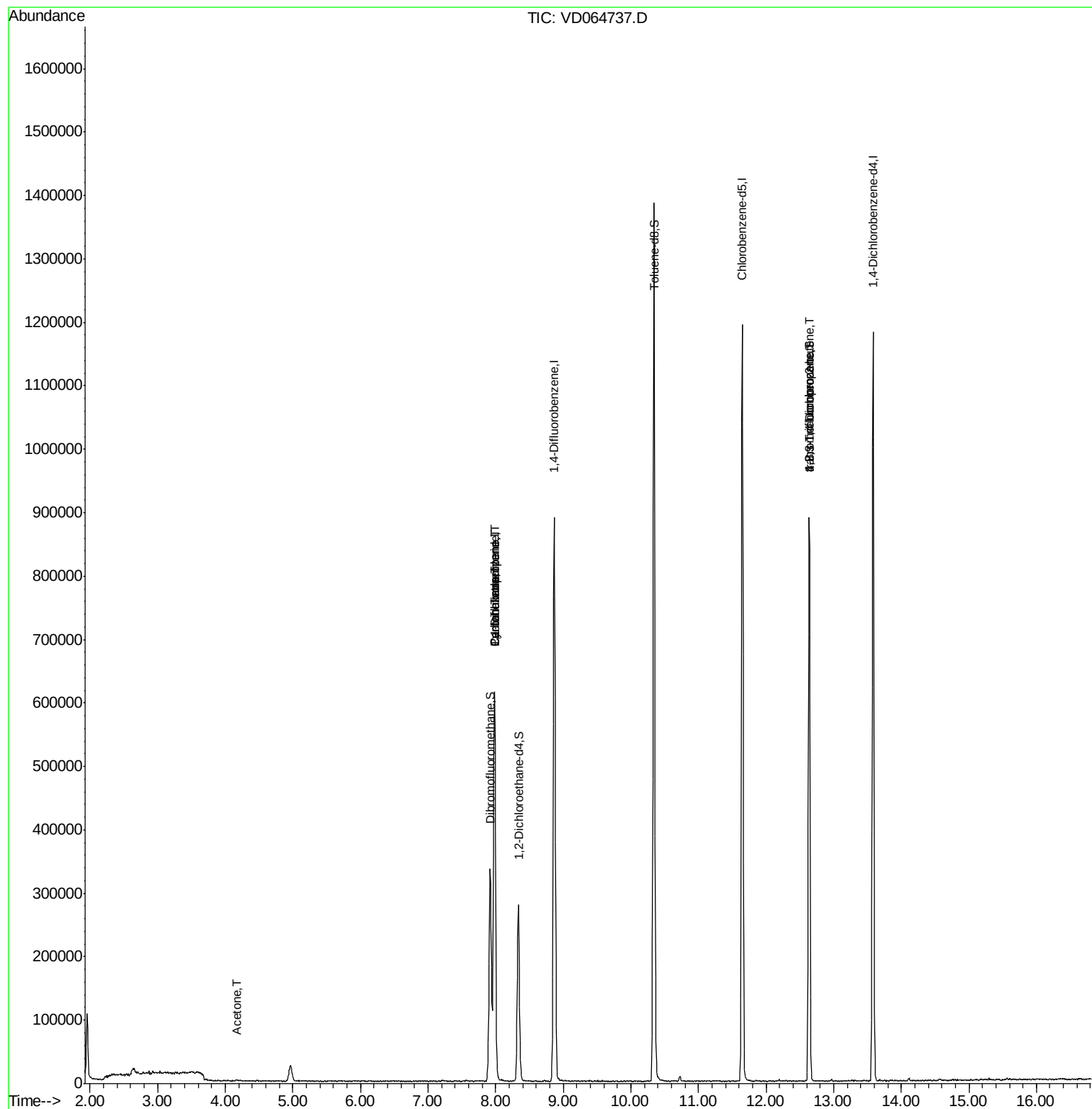
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	480288	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	753187	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	658538	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	300139	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	223039	52.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.32%	
35) Dibromofluoromethane	7.92	113	231037	50.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.00%	
50) Toluene-d8	10.34	98	908887	51.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.72%	
62) 4-Bromofluorobenzene	12.64	95	266065	47.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.08%	
Target Compounds						
16) Acetone	4.17	43	3056	7.205	ug/l #	77
20) Methylene Chloride	4.96	84	17913	Below Cal		96
31) Cyclohexane	7.99	56	10122	1.282	ug/l #	50
36) 1,1-Dichloropropene	7.98	75	35091	4.841	ug/l #	44
38) Carbon Tetrachloride	7.98	117	45502	5.886	ug/l #	15
76) 1,2,3-Trichloropropane	12.64	75	145760	61.500	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	145760	128.625	ug/l #	10

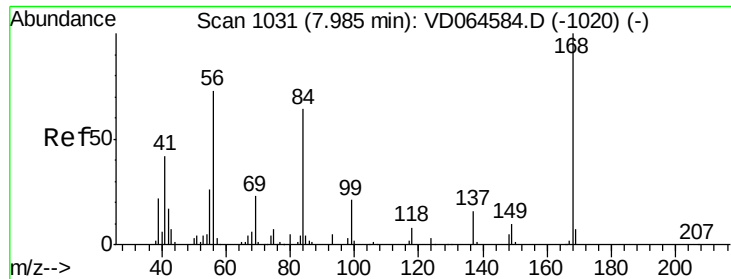
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 24 13:19:06 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD064737.D

Acq: 03 Jan 2020 16:34

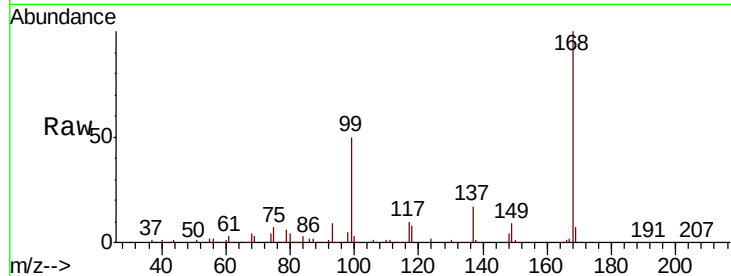
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 480288

Ion Ratio Lower Upper

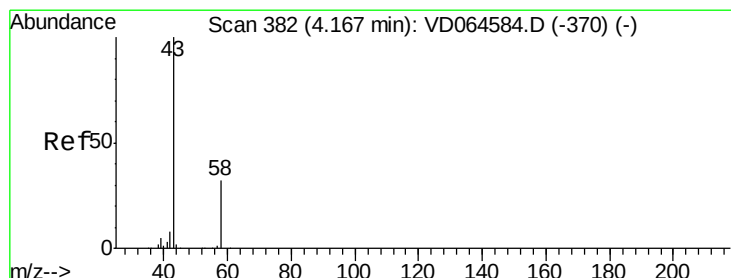
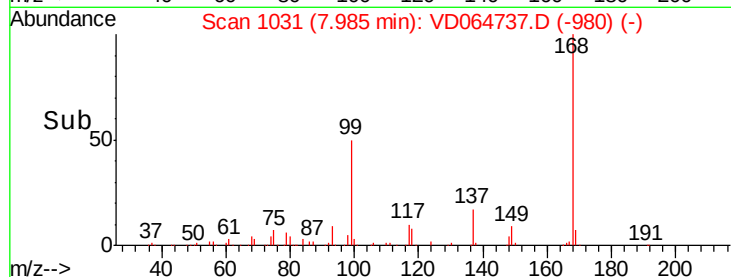
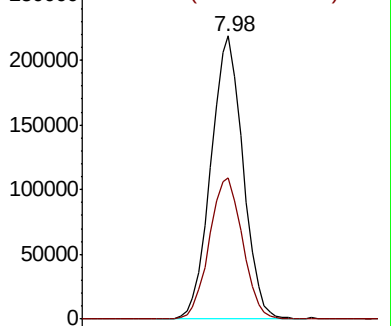
168 100

99 49.7 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 7.205 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD064737.D

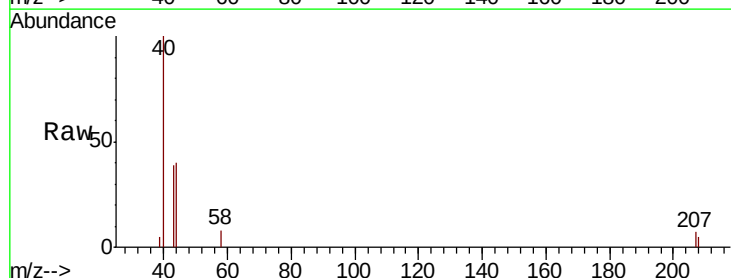
Acq: 03 Jan 2020 16:34

Tgt Ion: 43 Resp: 3056

Ion Ratio Lower Upper

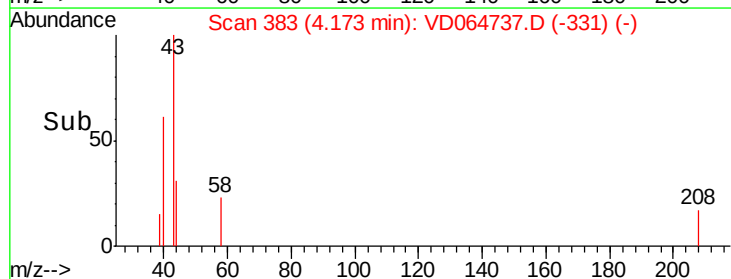
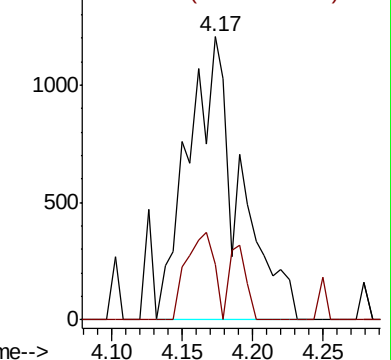
43 100

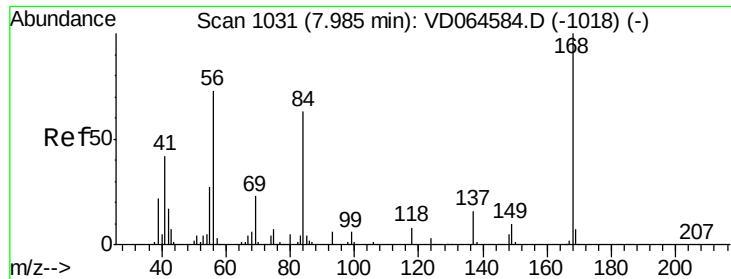
58 19.6 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

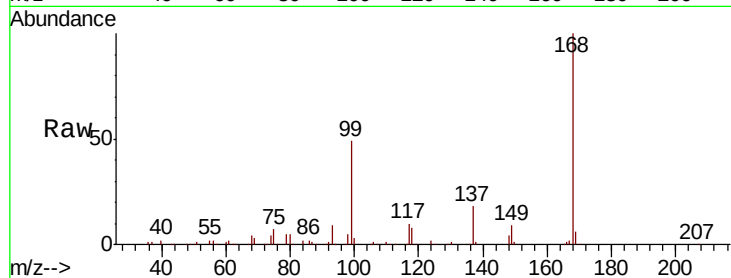




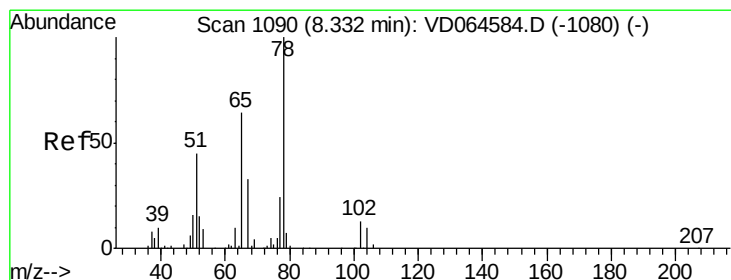
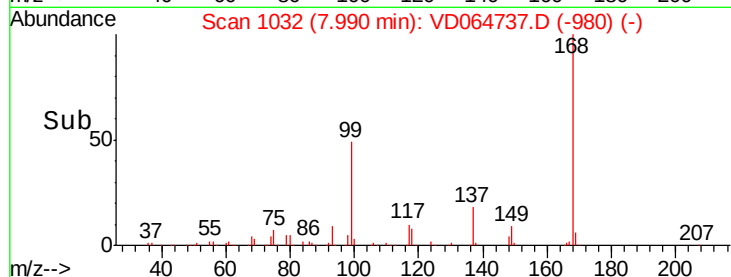
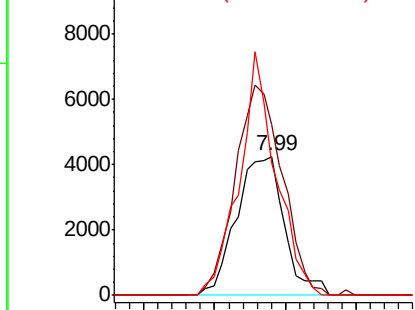
#31
Cyclohexane
Concen: 1.282 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VD064737.D
Acq: 03 Jan 2020 16:34

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 56 Resp: 10122
Ion Ratio Lower Upper
56 100
69 122.8 24.7 37.1#
84 94.9 69.4 104.2

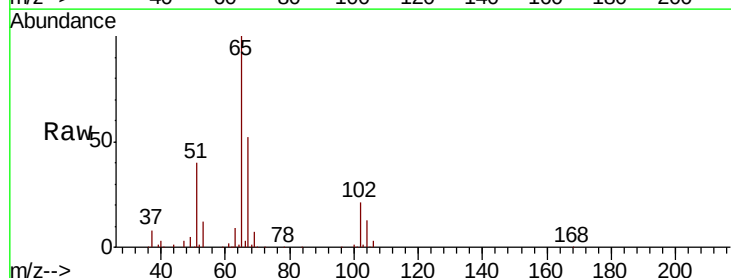


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

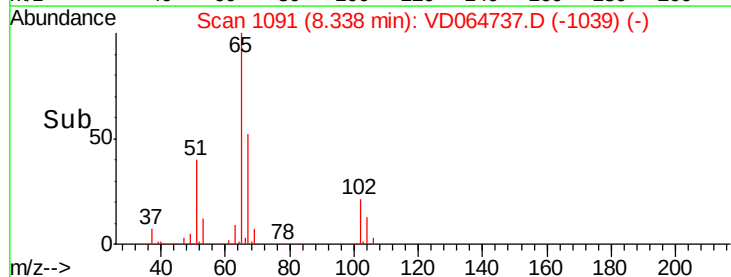
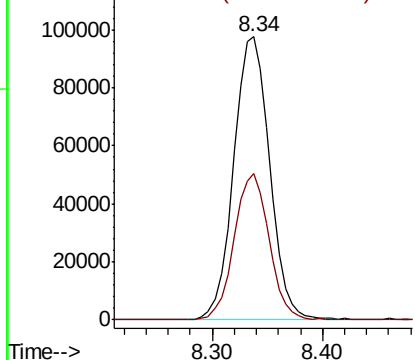


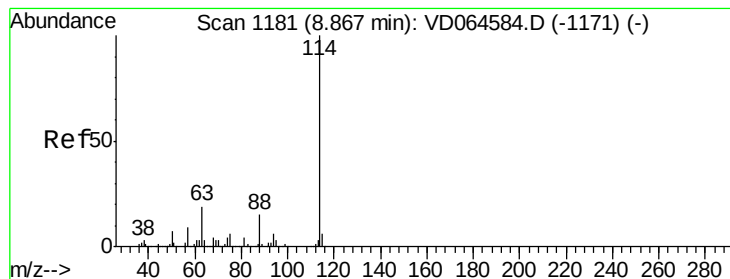
#33
1,2-Dichloroethane-d4
Concen: 52.664 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VD064737.D
Acq: 03 Jan 2020 16:34

Tgt Ion: 65 Resp: 223039
Ion Ratio Lower Upper
65 100
67 50.6 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD064737.D

Acq: 03 Jan 2020 16:34

Instrument :

MSVOA_D

ClientSampled :

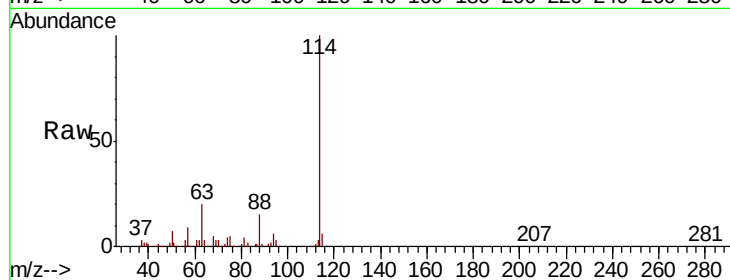
Tot Ion:114 Resp: 753187

Ion Ratio Lower Upper

114 100

63 20.0 0.0 38.0

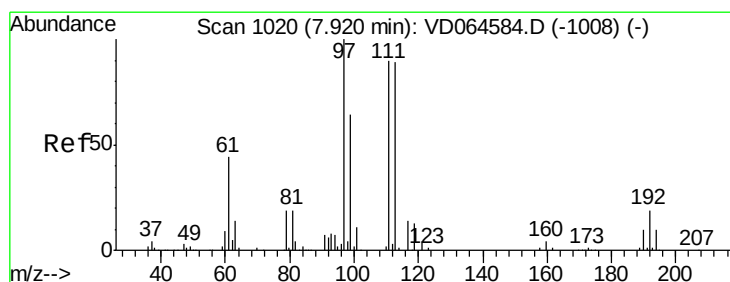
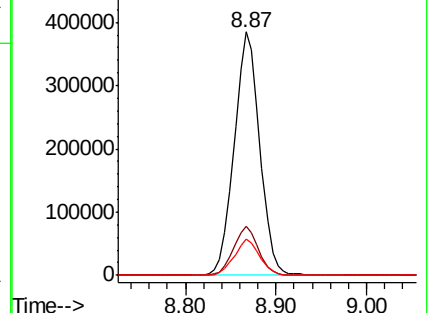
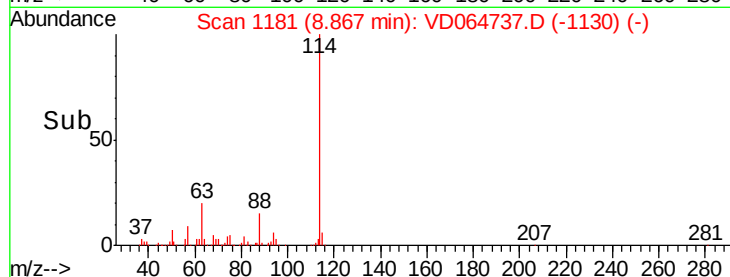
88 14.8 0.0 29.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 49.998 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD064737.D

Acq: 03 Jan 2020 16:34

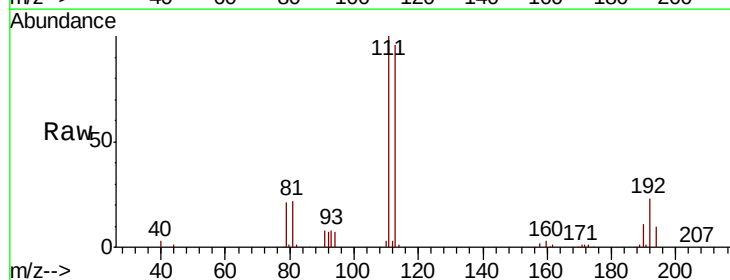
Tgt Ion:113 Resp: 231037

Ion Ratio Lower Upper

113 100

111 104.3 80.6 121.0

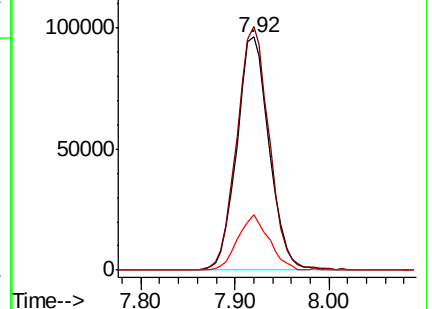
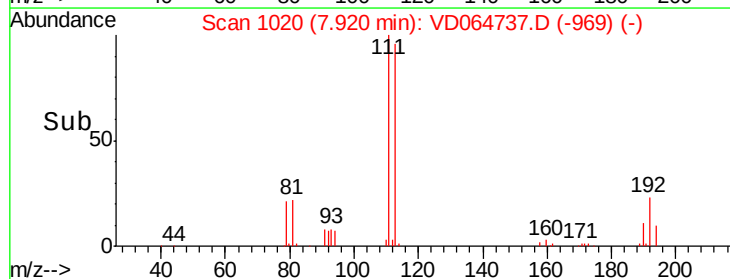
192 22.9 17.9 26.9

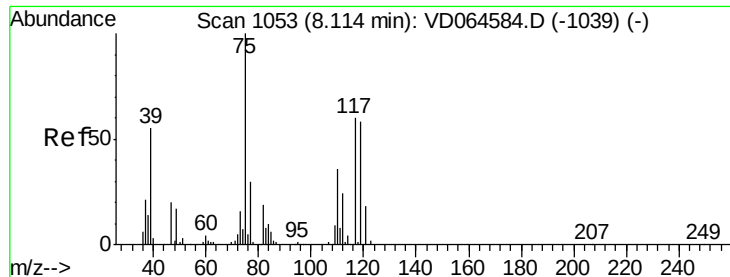


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.841 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.13 min

Lab File: VD064737.D

Acq: 03 Jan 2020 16:34

Instrument :

MSVOA_D

ClientSampleId :

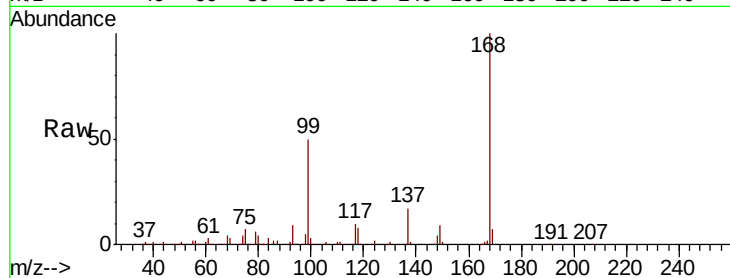
Tot Ion: 75 Resp: 35091

Ion Ratio Lower Upper

75 100

110 3.4 18.1 54.1#

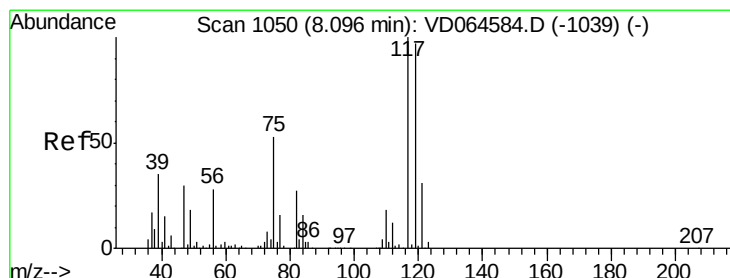
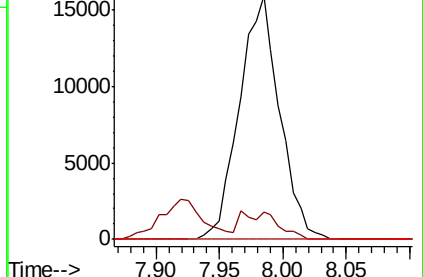
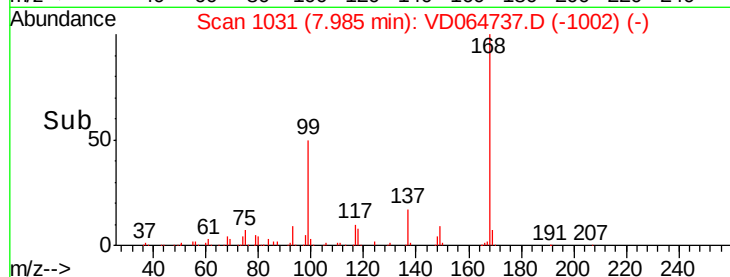
77 0.0 24.2 36.4#



Abundance Ion 74.90 (74.60 to 75.60): VD064737.D (-999) (-)

Ion 109.90 (109.60 to 110.60): VD064737.D (-999) (-)

Ion 76.90 (76.60 to 77.60): VD064737.D (-999) (-)



#38

Carbon Tetrachloride

Concen: 5.886 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.11 min

Lab File: VD064737.D

Acq: 03 Jan 2020 16:34

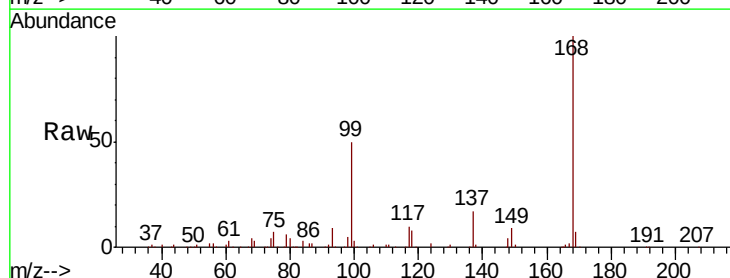
Tgt Ion: 117 Resp: 45502

Ion Ratio Lower Upper

117 100

119 4.6 77.3 115.9#

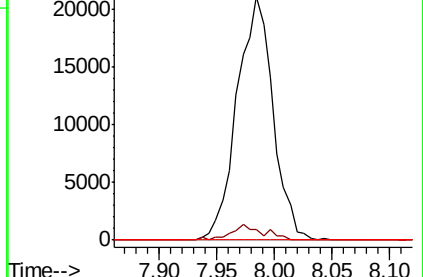
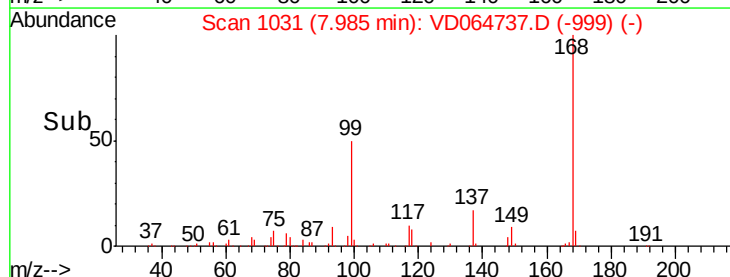
121 0.0 25.0 37.6#

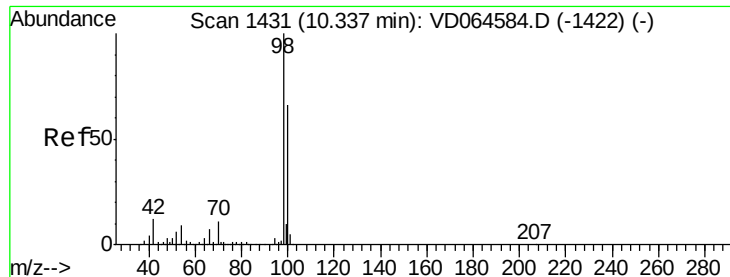


Abundance Ion 116.80 (116.50 to 117.50): VD064737.D (-999) (-)

Ion 118.80 (118.50 to 119.50): VD064737.D (-999) (-)

Ion 120.80 (120.50 to 121.50): VD064737.D (-999) (-)





#50

Toluene-d8

Concen: 51.356 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064737.D

Acq: 03 Jan 2020 16:34

Instrument :

MSVOA_D

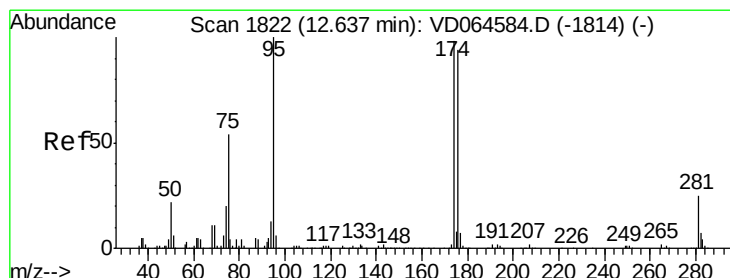
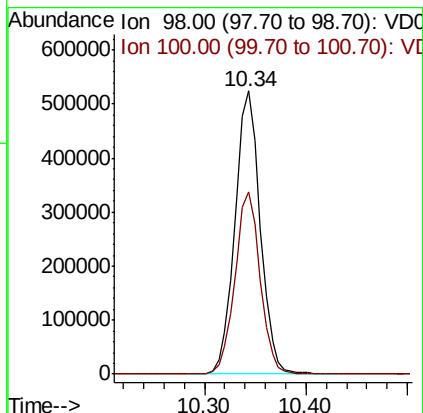
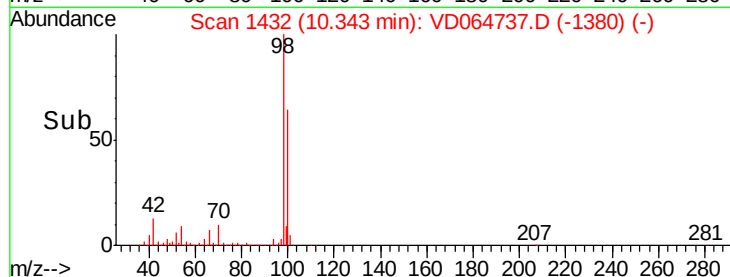
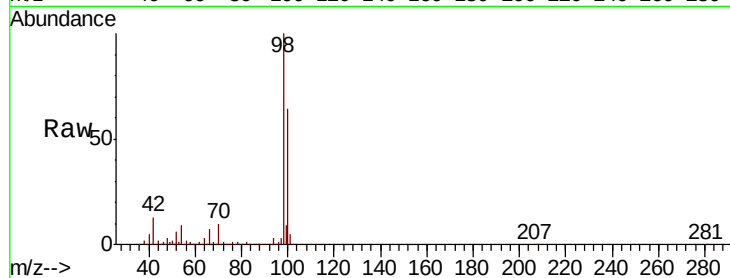
ClientSampleId :

Tot Ion: 98 Resp: 908887

Ion Ratio Lower Upper

98 100

100 64.0 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 47.544 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD064737.D

Acq: 03 Jan 2020 16:34

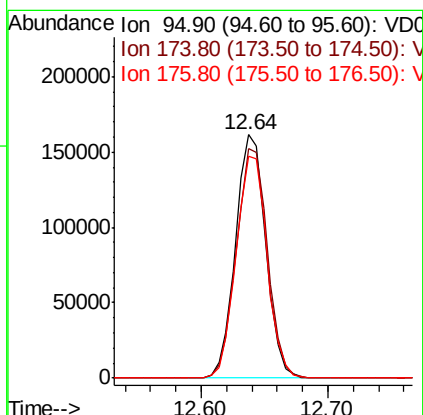
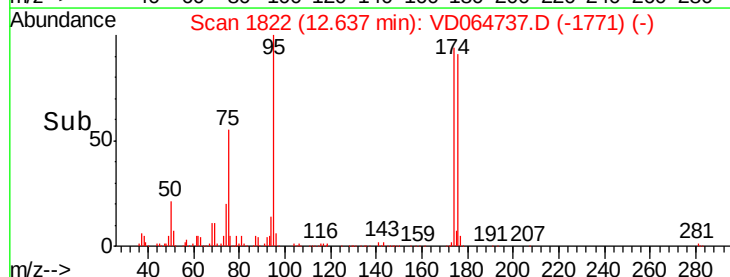
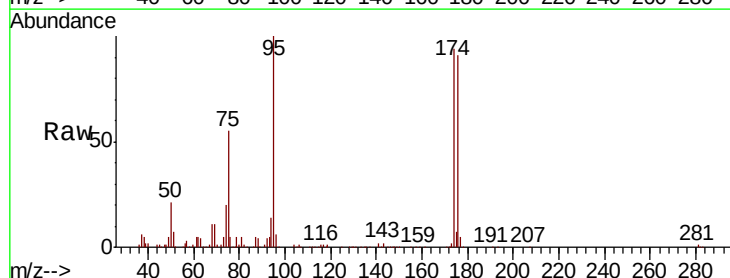
Tgt Ion: 95 Resp: 266065

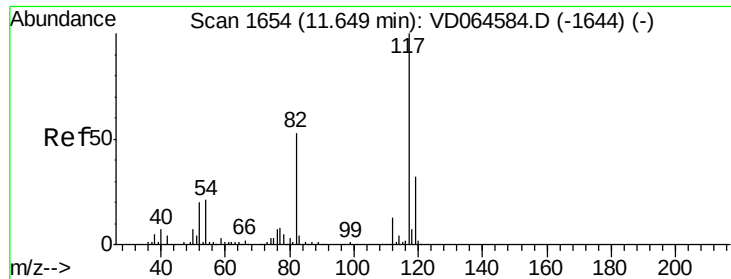
Ion Ratio Lower Upper

95 100

174 97.3 0.0 193.2

176 93.5 0.0 184.2

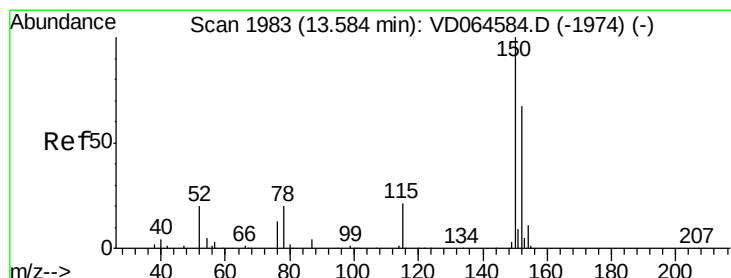
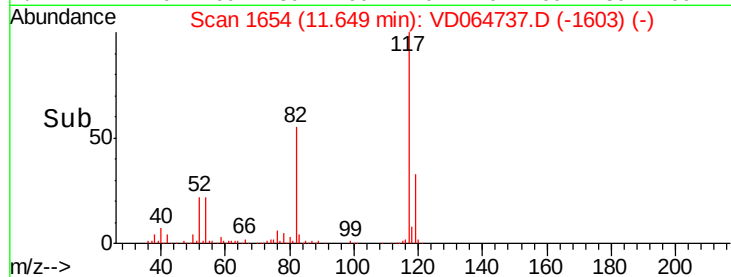
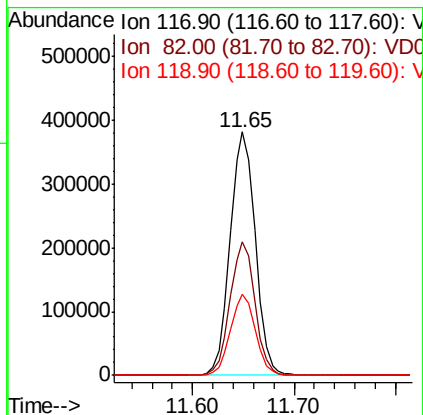
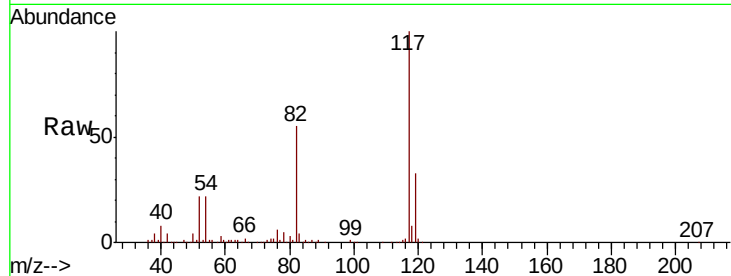




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064737.D
Acq: 03 Jan 2020 16:34

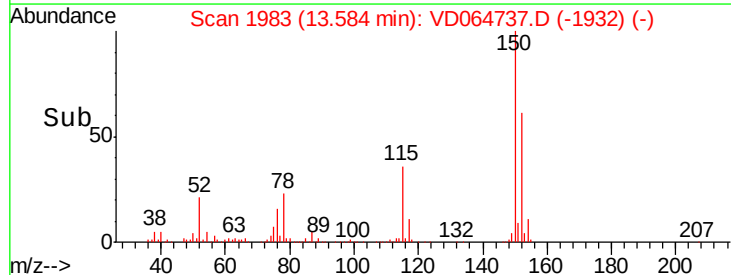
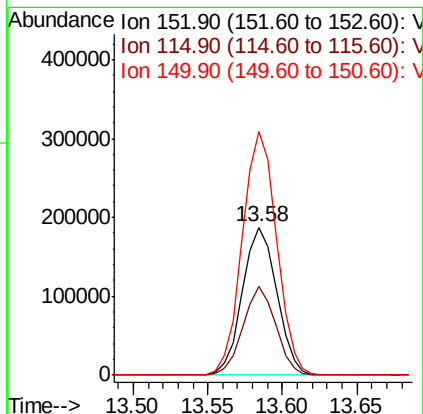
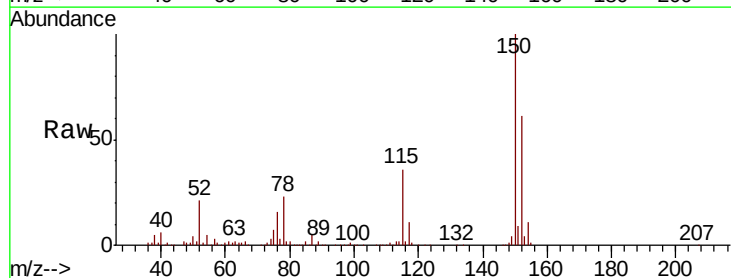
Instrument :
MSVOA_D
ClientSampleId :

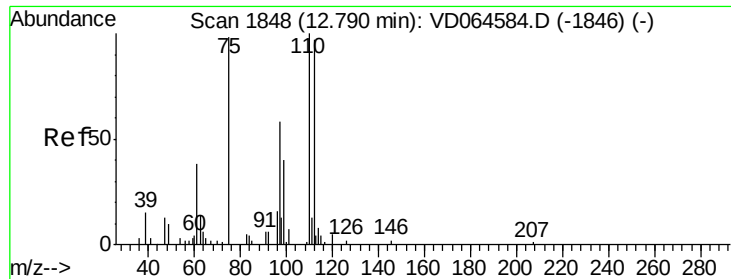
Tot Ion:117 Resp: 658538
Ion Ratio Lower Upper
117 100
82 54.8 42.2 63.4
119 33.0 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064737.D
Acq: 03 Jan 2020 16:34

Tgt Ion:152 Resp: 300139
Ion Ratio Lower Upper
152 100
115 56.9 27.8 83.4
150 163.3 0.0 351.4





#76

1,2,3-Trichloropropane

Concen: 61.500 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064737.D

Acq: 03 Jan 2020 16:34

Instrument :

MSVOA_D

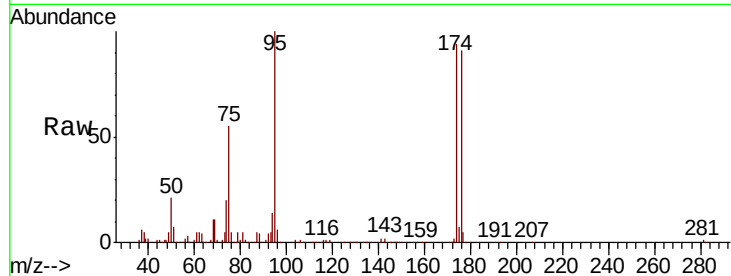
ClientSampled :

Tot Ion: 75 Resp: 145760

Ion Ratio Lower Upper

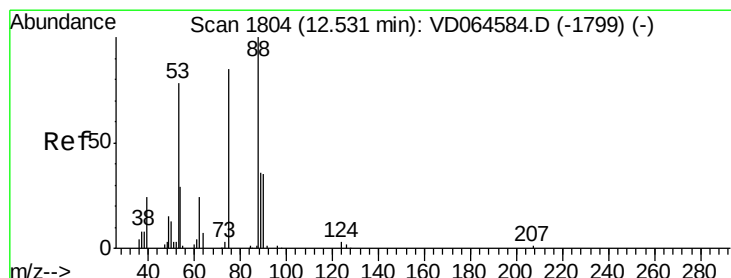
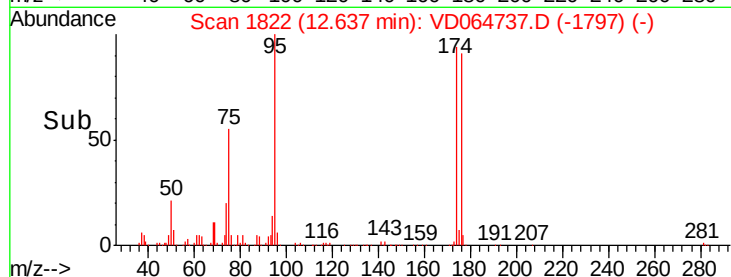
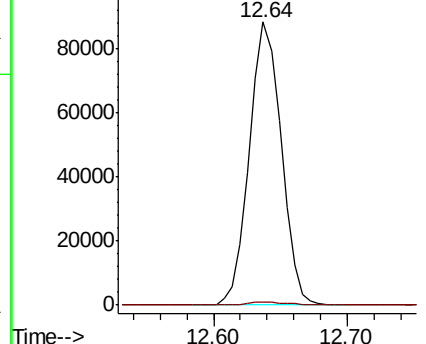
75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC



#81

trans-1,4-Dichloro-2-butene

Concen: 128.625 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064737.D

Acq: 03 Jan 2020 16:34

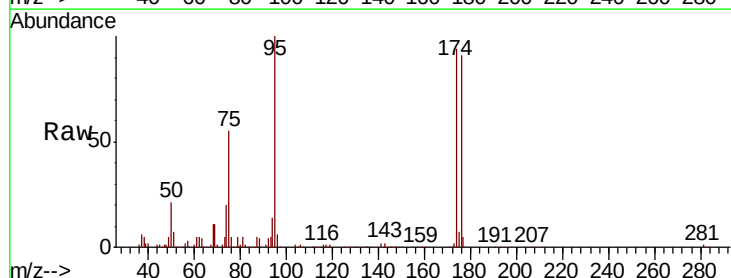
Tgt Ion: 75 Resp: 145760

Ion Ratio Lower Upper

75 100

53 0.0 78.8 118.2#

89 0.1 38.3 57.5#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

