

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082120\
 Data File : VD066365.D
 Acq On : 21 Aug 2020 17:50
 Operator : VA/SY
 Sample : L3729-11
 Misc : 4.25G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-5-(2-3)

Quant Time: Aug 22 02:23:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	214963	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	325726	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	351974	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	200926	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	105575	50.10	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.20%	
35) Dibromofluoromethane	7.91	113	103120	50.63	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.26%	
50) Toluene-d8	10.34	98	392937	52.73	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.46%	
62) 4-Bromofluorobenzene	12.63	95	165372	62.54	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	125.08%	

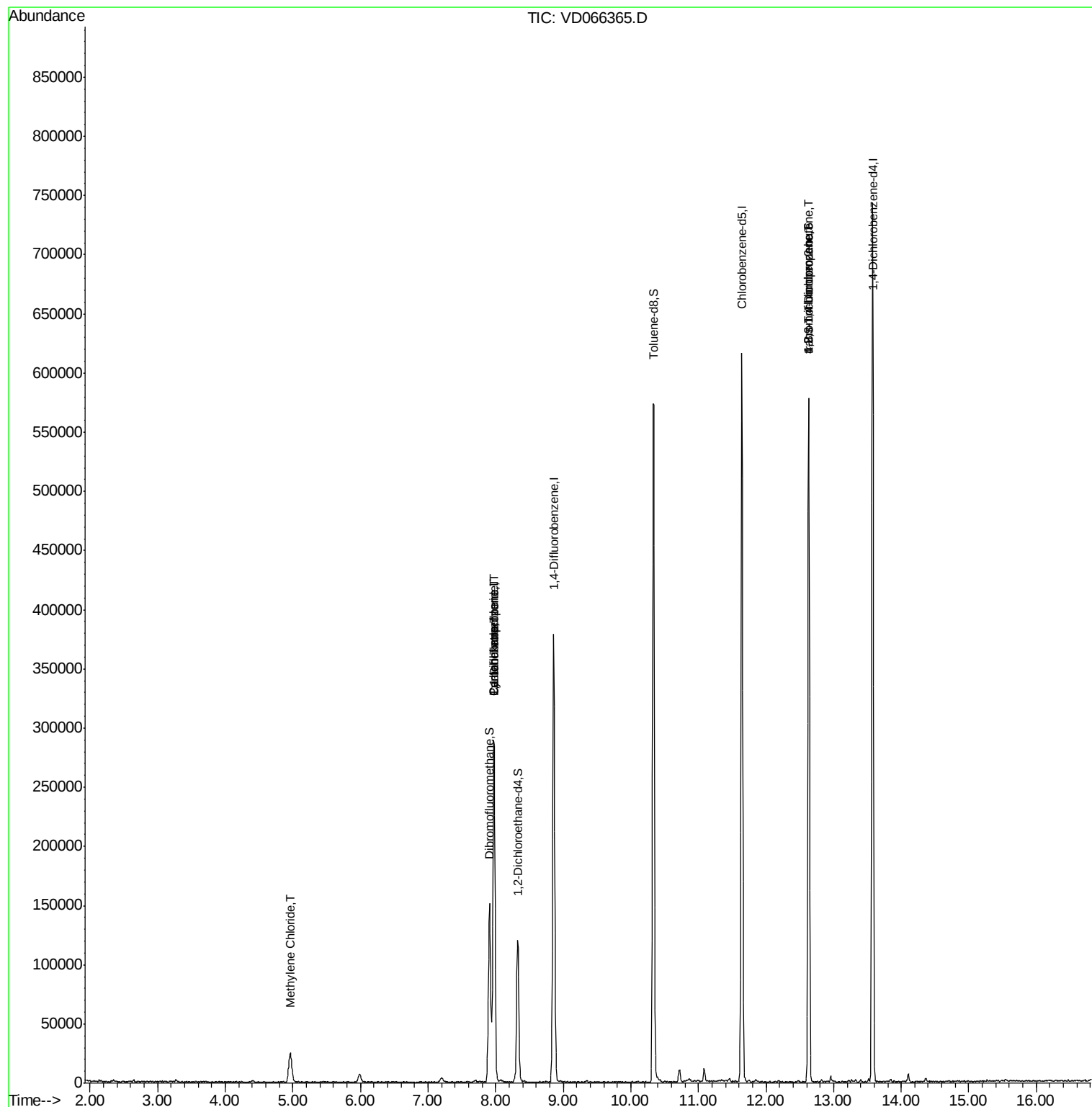
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.97	84	19840	3.938	ug/l	94
31) Cyclohexane	7.98	56	4687	1.602	ug/l #	29
36) 1,1-Dichloropropene	7.97	75	15419	5.188	ug/l #	51
38) Carbon Tetrachloride	7.97	117	22390	5.782	ug/l #	17
76) 1,2,3-Trichloropropane	12.63	75	92701	65.581	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.63	75	92701	139.208	ug/l #	6

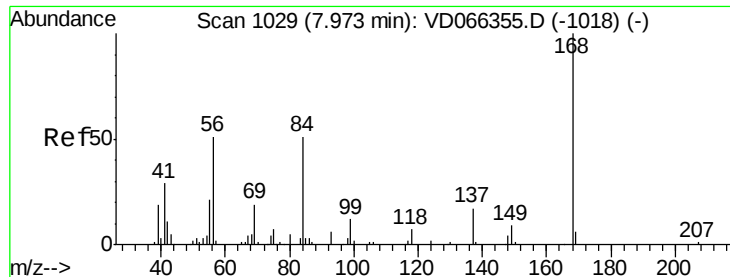
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_D
ClientSampleId :
SB-5-(2-3)

Quant Time: Aug 22 02:23:32 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 13:36:12 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066365.D

Acq: 21 Aug 2020 17:50

Instrument :

MSVOA_D

ClientSampleId :

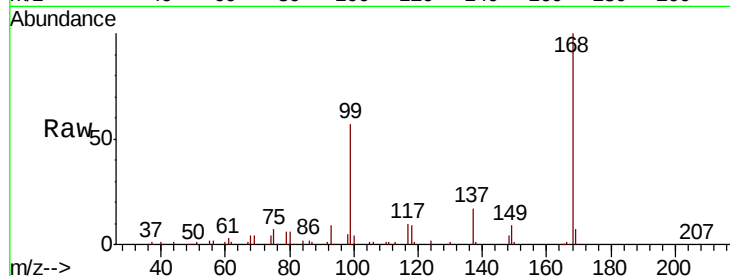
SB-5-(2-3)

Tot Ion:168 Resp: 214963

Ion Ratio Lower Upper

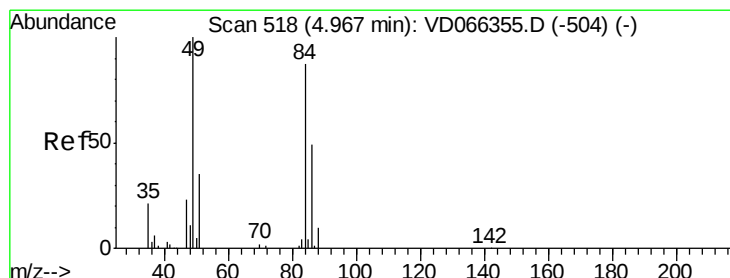
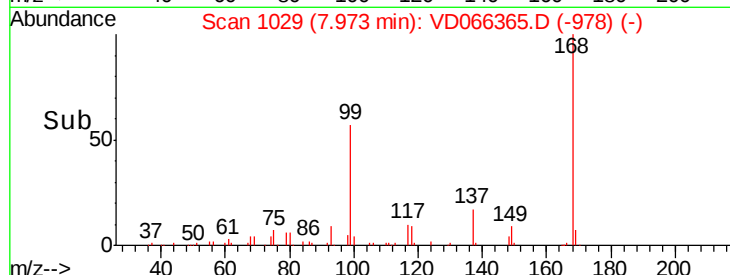
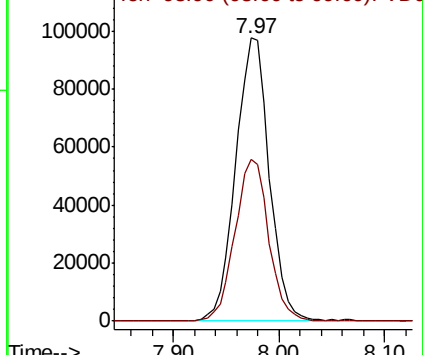
168 100

99 57.1 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#20

Methylene Chloride

Concen: 3.938 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.00 min

Lab File: VD066365.D

Acq: 21 Aug 2020 17:50

Tgt Ion: 84 Resp: 19840

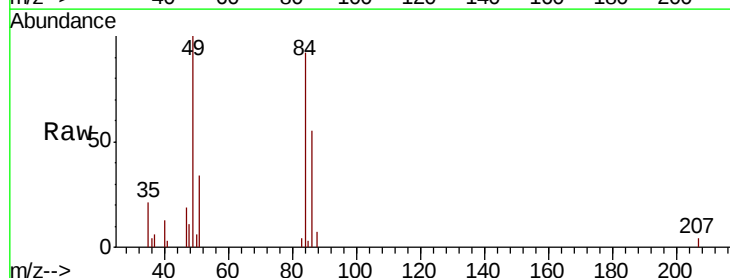
Ion Ratio Lower Upper

84 100

49 108.3 92.5 138.7

51 36.9 32.5 48.7

86 59.7 45.0 67.6

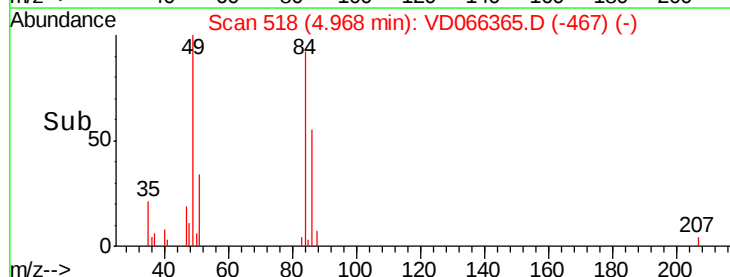
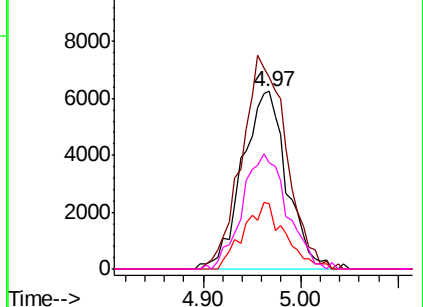


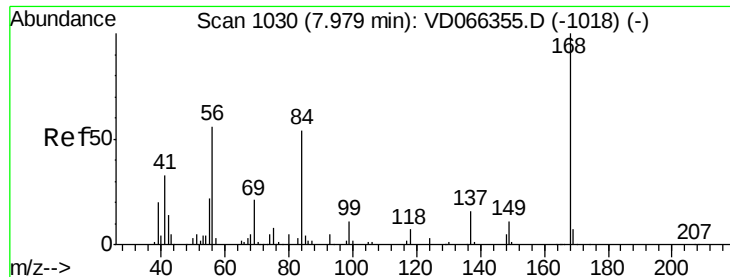
Abundance Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

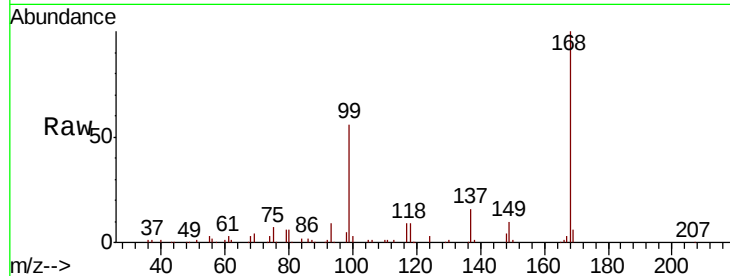




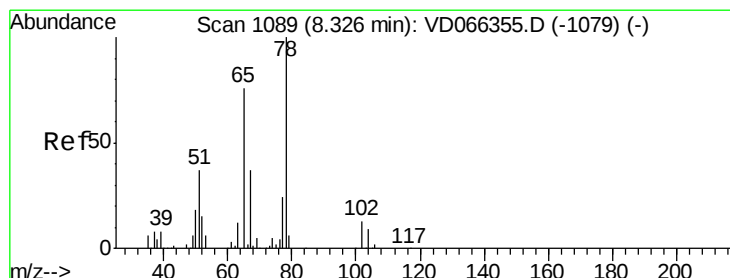
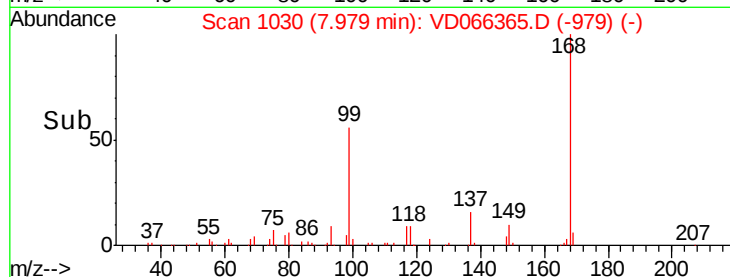
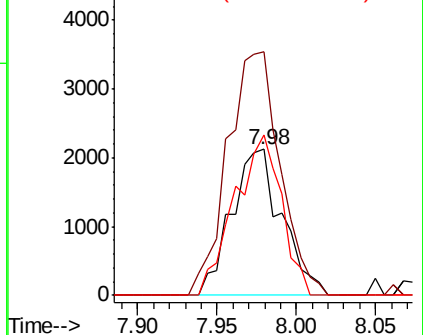
#31
Cyclohexane
Concen: 1.602 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VD066365.D
Acq: 21 Aug 2020 17:50

Instrument :
MSVOA_D
ClientSampleId :
SB-5-(2-3)

Tot Ion: 56 Resp: 4687
Ion Ratio Lower Upper
56 100
69 166.9 29.6 44.4#
84 109.9 76.6 115.0

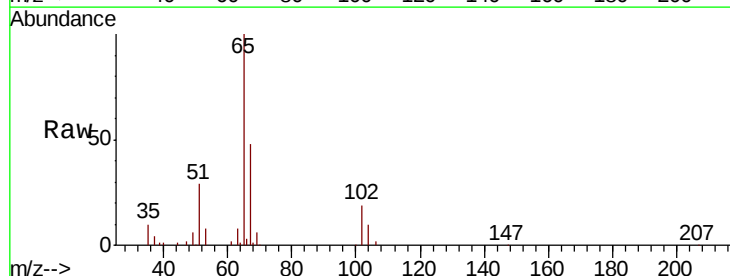


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

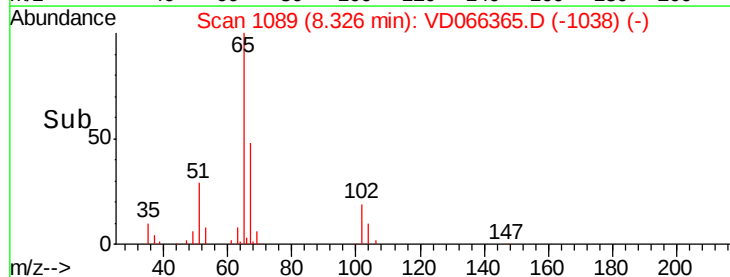
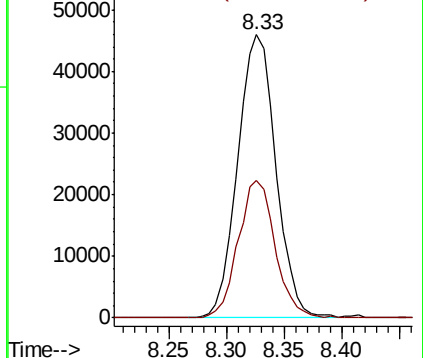


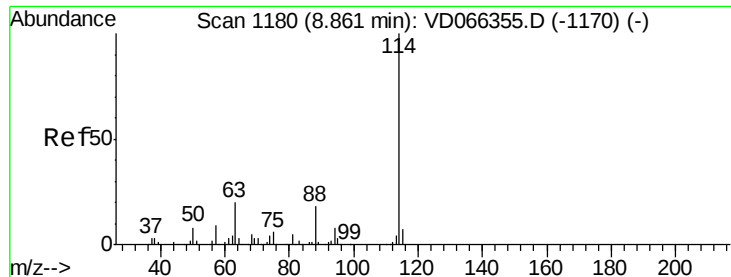
#33
1,2-Dichloroethane-d4
Concen: 50.095 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. 0.00 min
Lab File: VD066365.D
Acq: 21 Aug 2020 17:50

Tgt Ion: 65 Resp: 105575
Ion Ratio Lower Upper
65 100
67 47.0 0.0 101.6



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

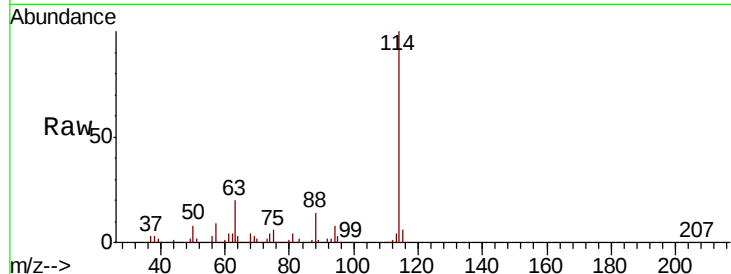




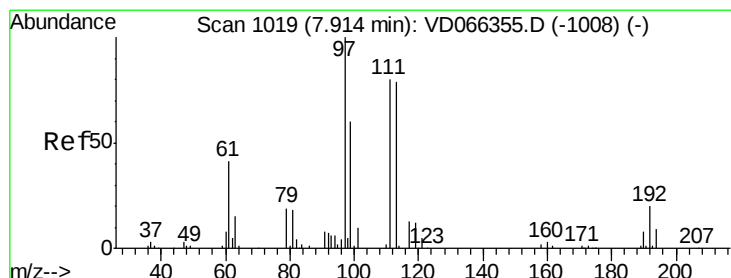
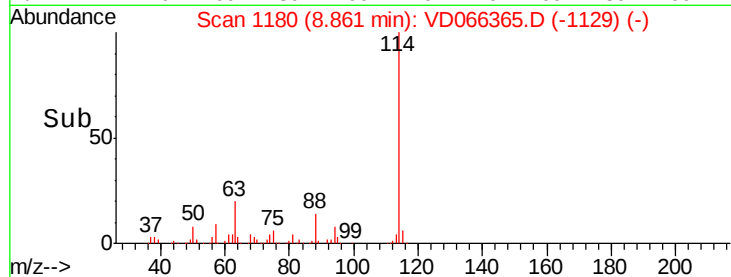
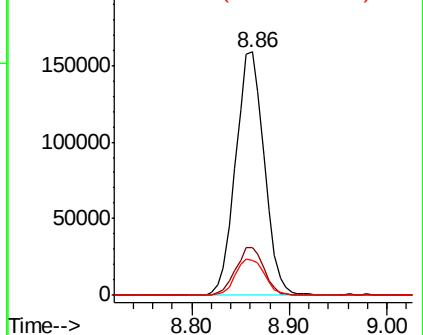
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066365.D
 Acq: 21 Aug 2020 17:50

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-5-(2-3)

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	40.8
88	14.5	0.0	35.4

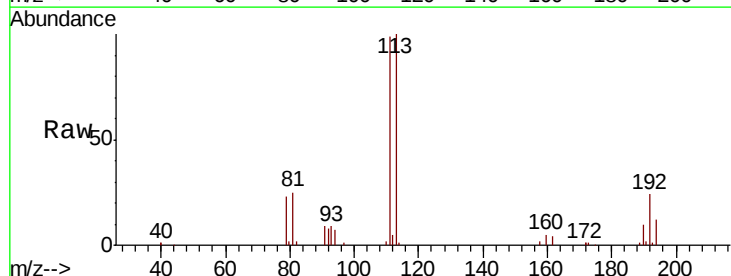


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

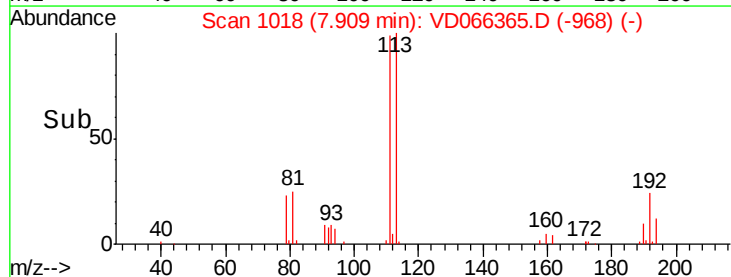
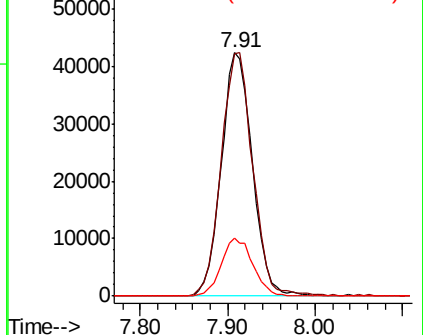


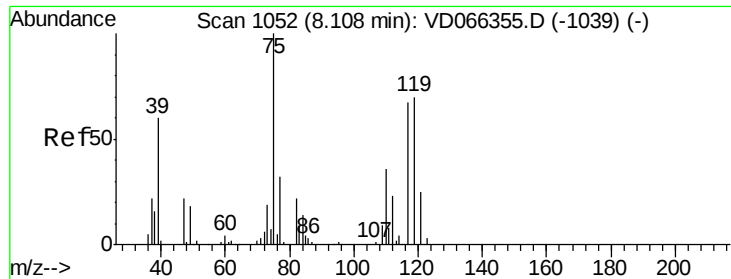
#35
 Dibromofluoromethane
 Concen: 50.629 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: VD066365.D
 Acq: 21 Aug 2020 17:50

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.4	80.3	120.5
192	24.0	19.0	28.6



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: 5.188 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.14 min

Lab File: VD066365.D

Acq: 21 Aug 2020 17:50

Instrument :

MSVOA_D

ClientSampleId :

SB-5-(2-3)

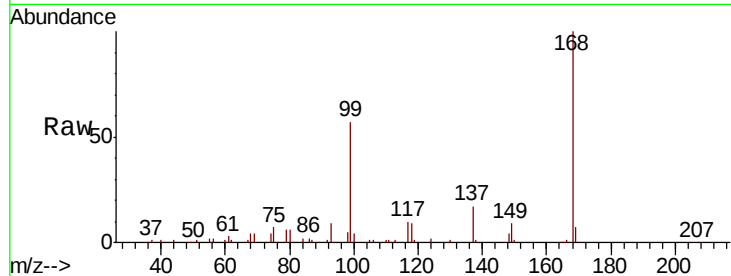
Tot Ion: 75 Resp: 15419

Ion Ratio Lower Upper

75 100

110 12.0 18.7 56.1#

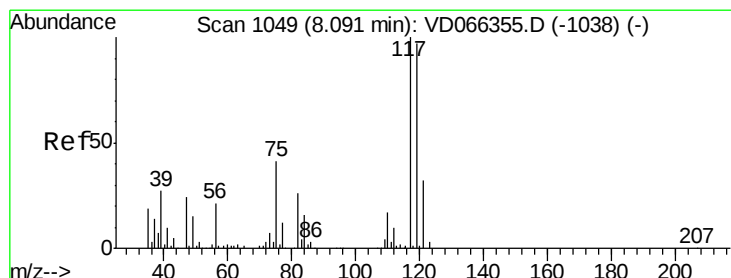
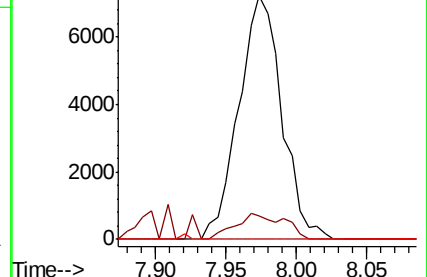
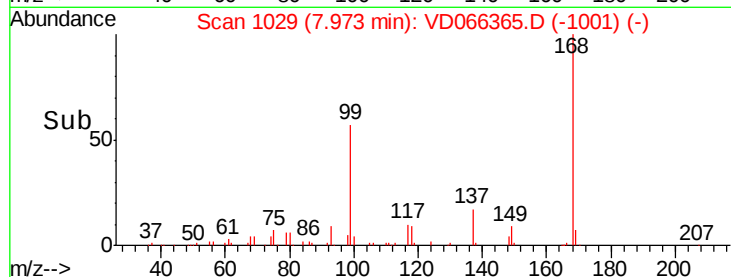
77 0.0 25.2 37.8#



Abundance Ion 74.90 (74.60 to 75.60): VD066365.D (-1001) (-)

Ion 109.90 (109.60 to 110.60): VD066365.D (-1001) (-)

Ion 76.90 (76.60 to 77.60): VD066365.D (-1001) (-)



#38

Carbon Tetrachloride

Concen: 5.782 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.12 min

Lab File: VD066365.D

Acq: 21 Aug 2020 17:50

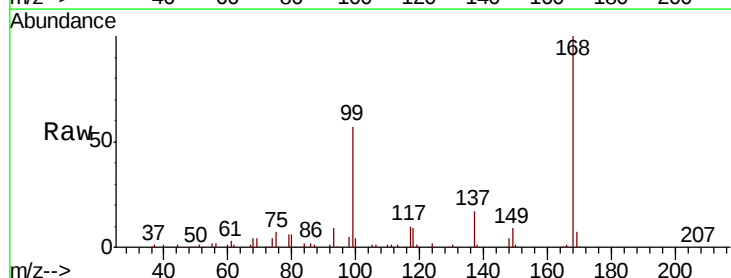
Tgt Ion: 117 Resp: 22390

Ion Ratio Lower Upper

117 100

119 7.3 77.2 115.8#

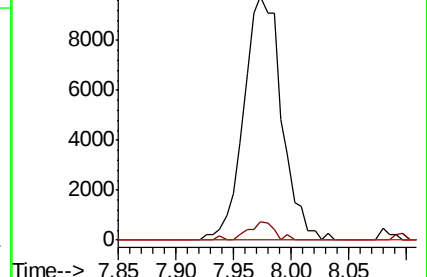
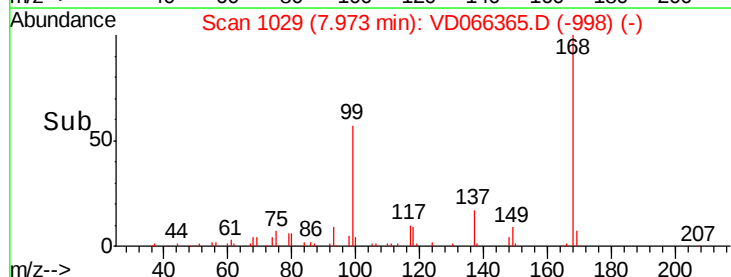
121 0.0 25.8 38.8#

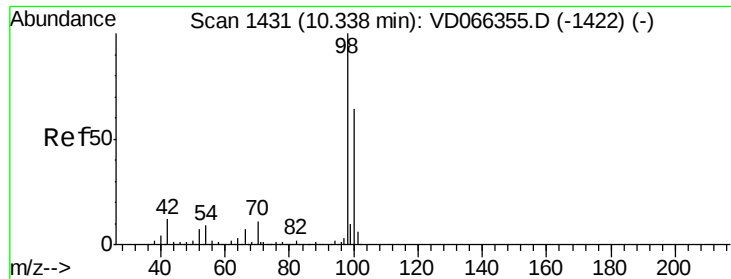


Abundance Ion 116.80 (116.50 to 117.50): VD066365.D (-998) (-)

Ion 118.80 (118.50 to 119.50): VD066365.D (-998) (-)

Ion 120.80 (120.50 to 121.50): VD066365.D (-998) (-)





#50

Toluene-d8

Concen: 52.727 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066365.D

Acq: 21 Aug 2020 17:50

Instrument :

MSVOA_D

ClientSampleId :

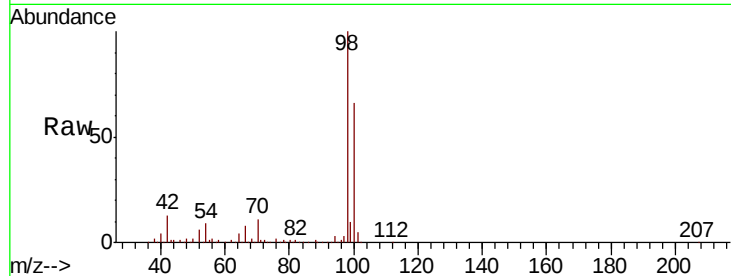
SB-5-(2-3)

Tot Ion: 98 Resp: 392937

Ion Ratio Lower Upper

98 100

100 65.4 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

200000

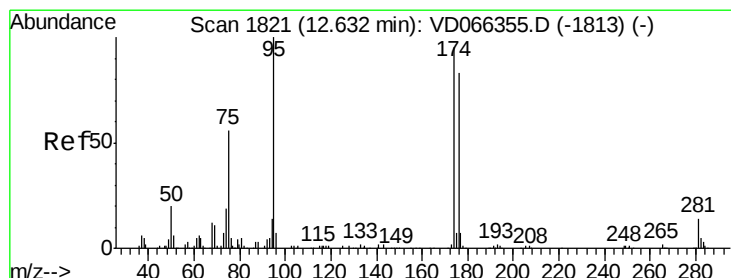
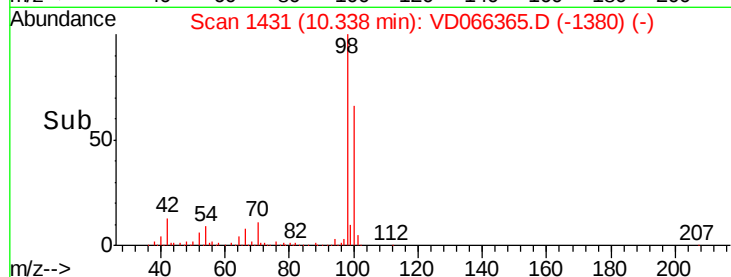
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 62.536 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VD066365.D

Acq: 21 Aug 2020 17:50

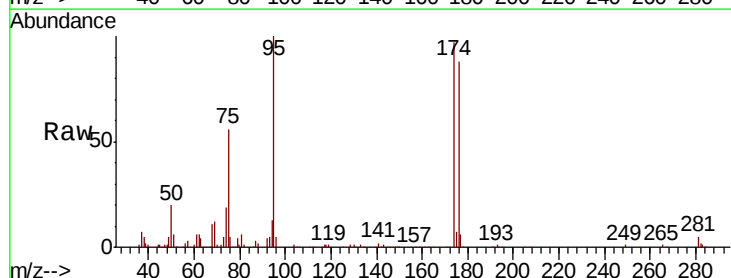
Tgt Ion: 95 Resp: 165372

Ion Ratio Lower Upper

95 100

174 97.2 0.0 183.4

176 91.5 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

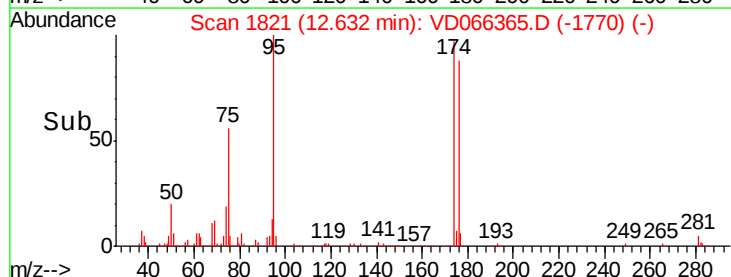
12.63

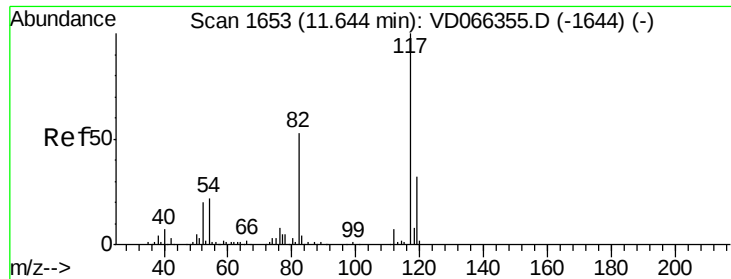
100000

50000

0

Time-->

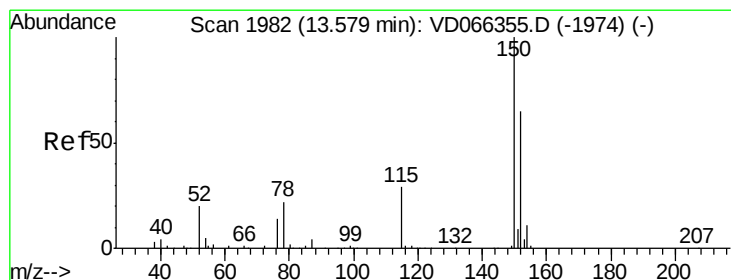
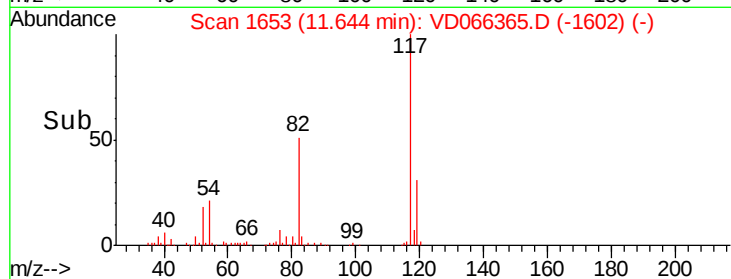
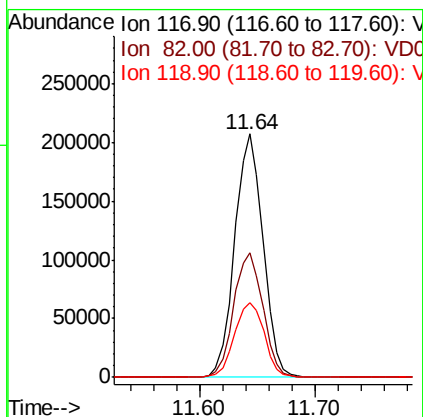
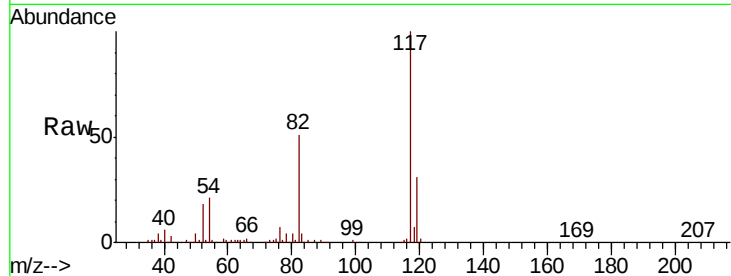




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066365.D
Acq: 21 Aug 2020 17:50

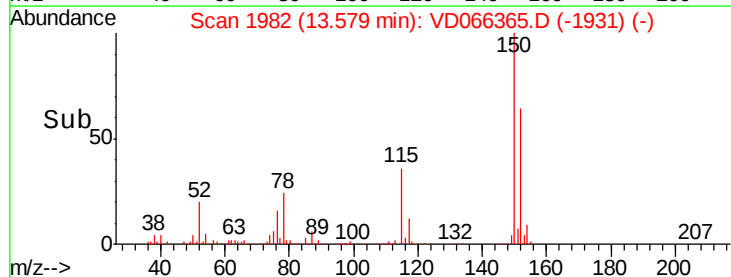
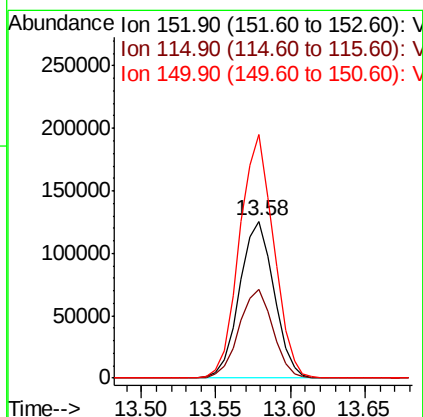
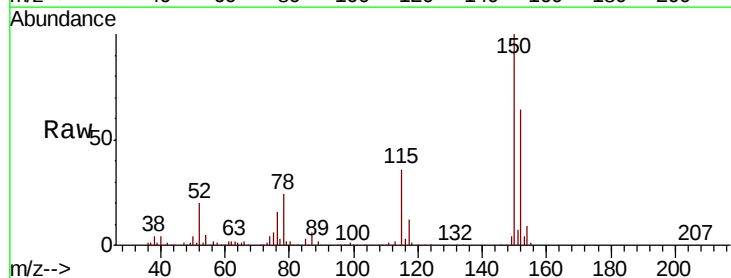
Instrument :
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SB-5-(2-3)

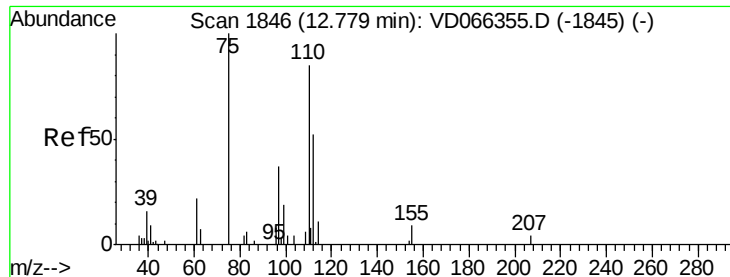
Tot Ion:117 Resp: 351974
Ion Ratio Lower Upper
117 100
82 51.3 42.8 64.2
119 30.8 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066365.D
Acq: 21 Aug 2020 17:50

Tgt Ion:152 Resp: 200926
Ion Ratio Lower Upper
152 100
115 55.9 28.3 85.0
150 154.4 0.0 343.2





#76

1,2,3-Trichloropropane

Concen: 65.581 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066365.D

Acq: 21 Aug 2020 17:50

Instrument :

MSVOA_D

ClientSampleId :

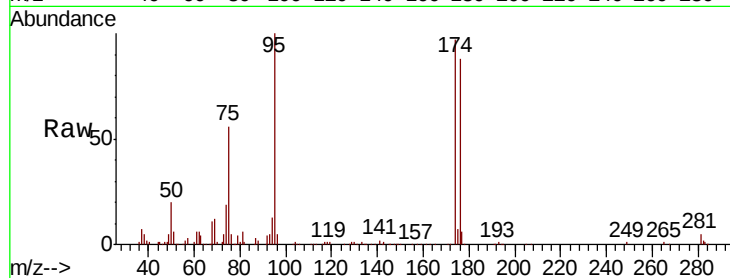
SB-5-(2-3)

Tot Ion: 75 Resp: 92701

Ion Ratio Lower Upper

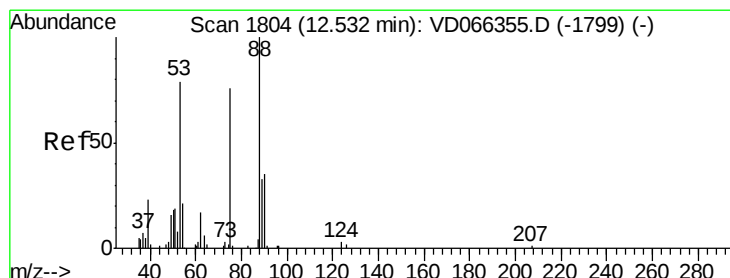
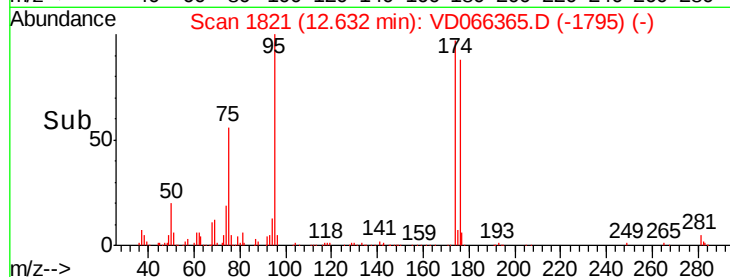
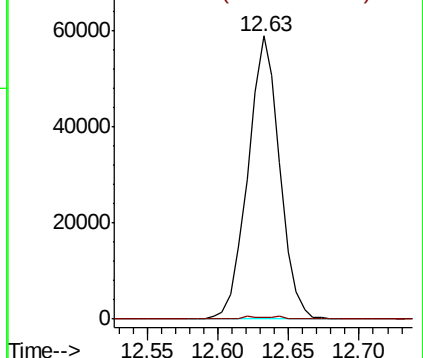
75 100

77 1.1 182.9 548.9#



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: 139.208 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066365.D

Acq: 21 Aug 2020 17:50

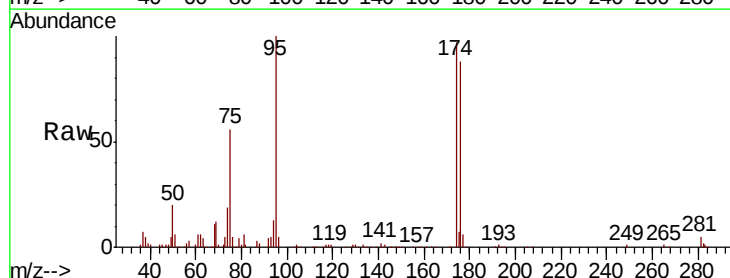
Tgt Ion: 75 Resp: 92701

Ion Ratio Lower Upper

75 100

53 0.0 87.4 131.2#

89 0.1 39.4 59.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC

