

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021320\
 Data File : VD065175.D
 Acq On : 13 Feb 2020 13:40
 Operator : VA/SY
 Sample : L1523-02
 Misc : 7.78G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 14 07:18:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 05 15:53:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	426720	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	695799	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	739930	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	373911	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	200308	55.23	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	110.46%	
35) Dibromofluoromethane	7.92	113	219998	56.67	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	113.34%	
50) Toluene-d8	10.34	98	854510	55.30	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	110.60%	
62) 4-Bromofluorobenzene	12.64	95	326255	66.63	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	133.26%	

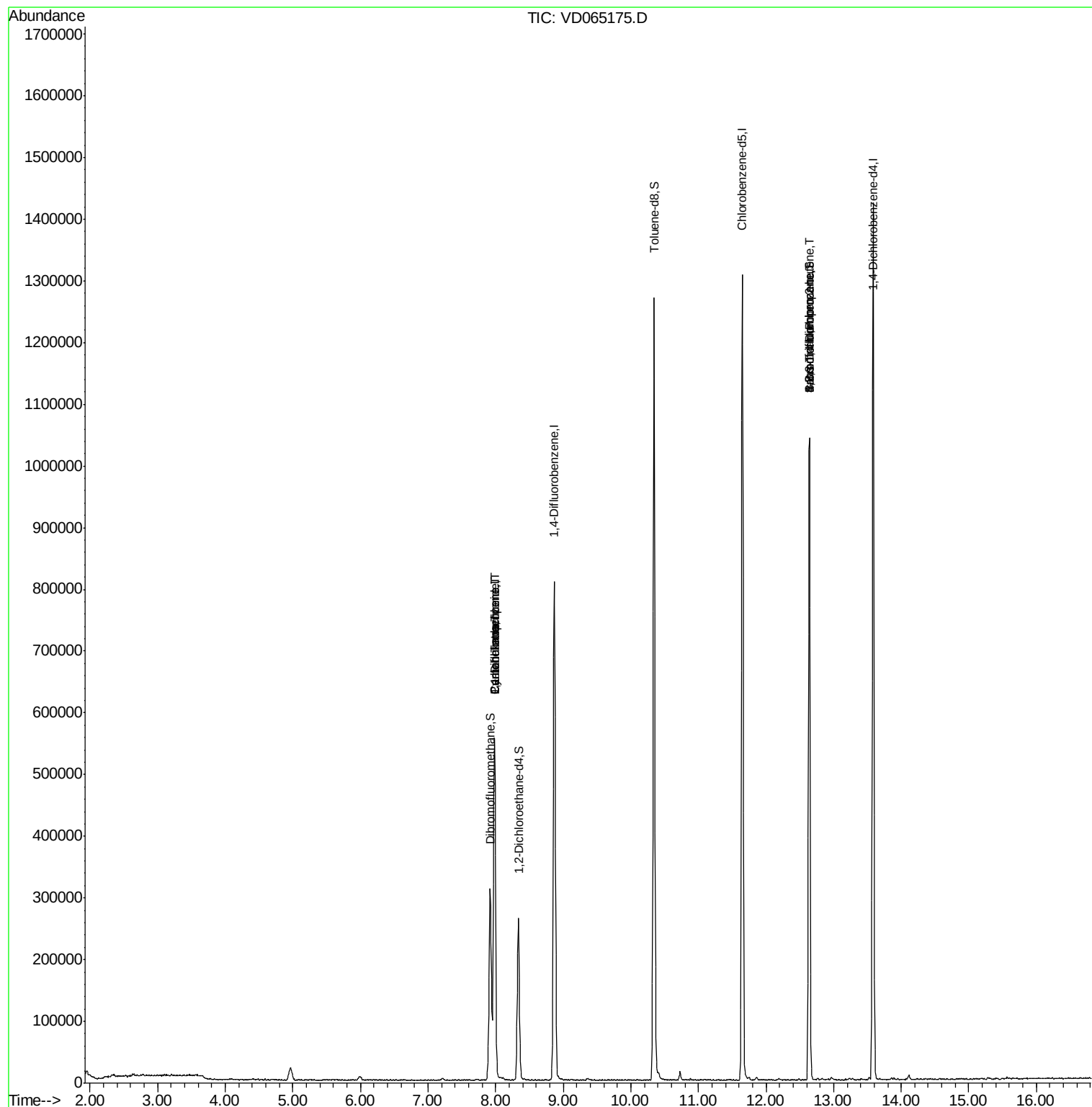
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.96	84	14497	Below Cal	#	93
31) Cyclohexane	7.98	56	9407	1.304	ug/l #	14
36) 1,1-Dichloropropene	7.98	75	32151	4.969	ug/l #	49
38) Carbon Tetrachloride	7.98	117	39857	6.032	ug/l #	16
71) Bromoform	12.64	173	2858	1.005	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	168103	59.381	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	168103	118.758	ug/l #	10

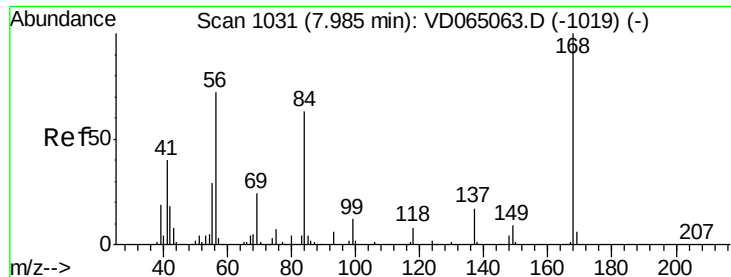
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 05 15:53:00 2020
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: VD065175.D

Acq: 13 Feb 2020 13:40

Instrument :

MSVOA_D

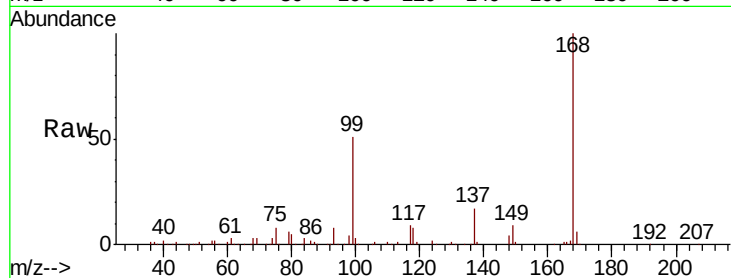
ClientSampled :

Tot Ion:168 Resp: 426720

Ion Ratio Lower Upper

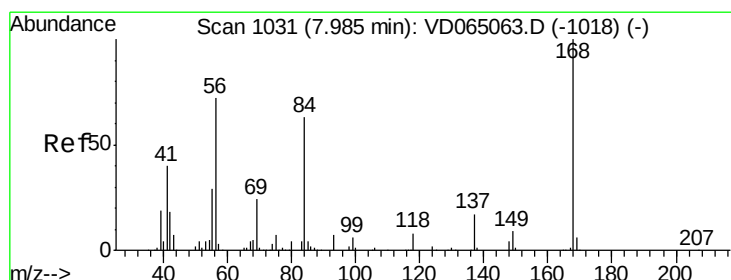
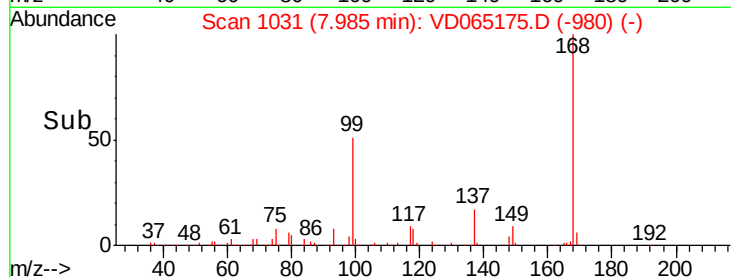
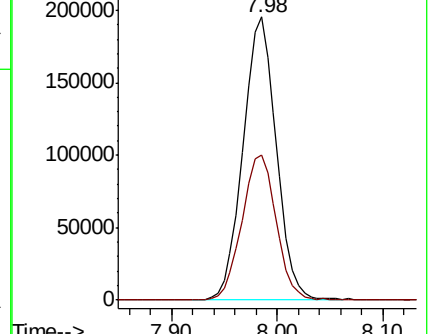
168 100

99 51.4 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#31

Cyclohexane

Concen: 1.304 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065175.D

Acq: 13 Feb 2020 13:40

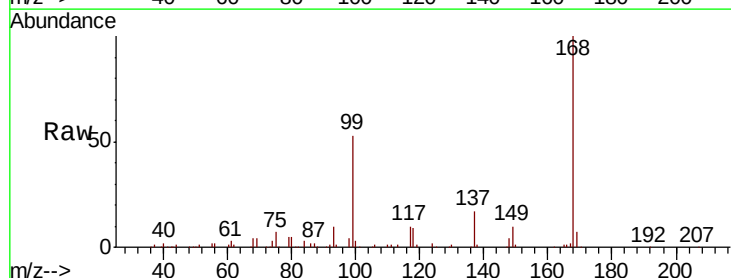
Tgt Ion: 56 Resp: 9407

Ion Ratio Lower Upper

56 100

69 164.3 26.6 40.0#

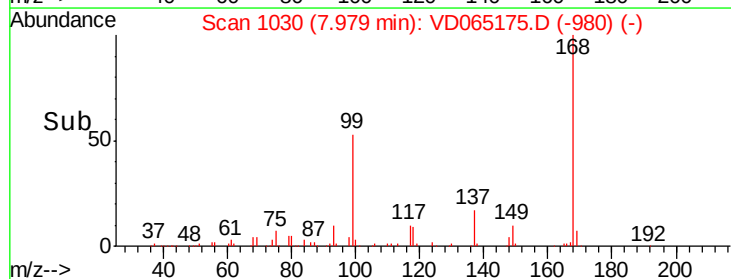
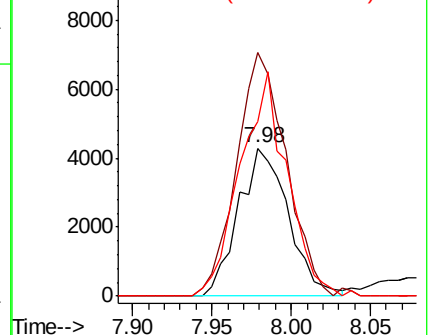
84 117.8 70.6 106.0#

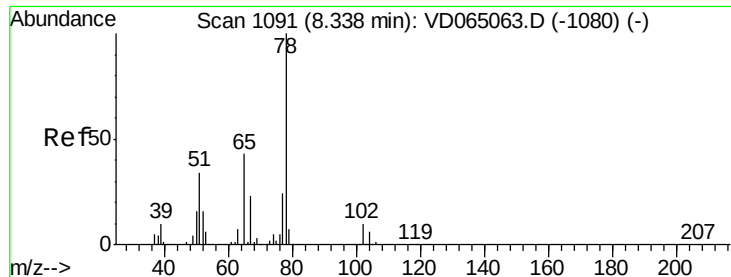


Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.00 (83.70 to 84.70): VDC

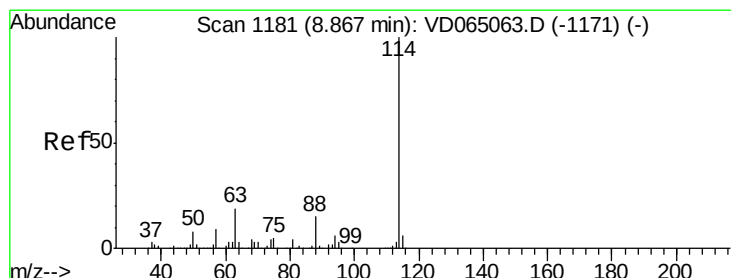
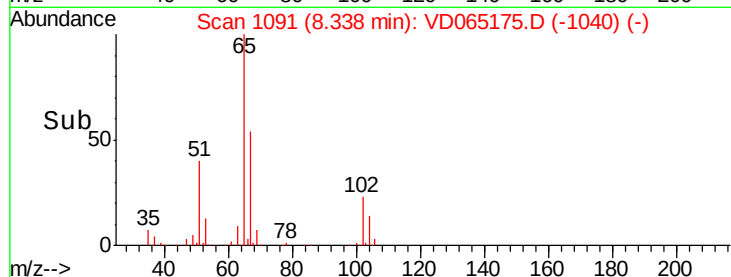
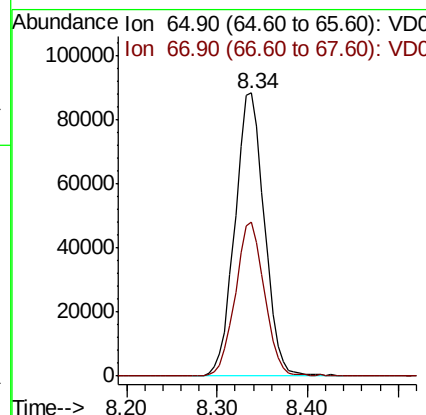
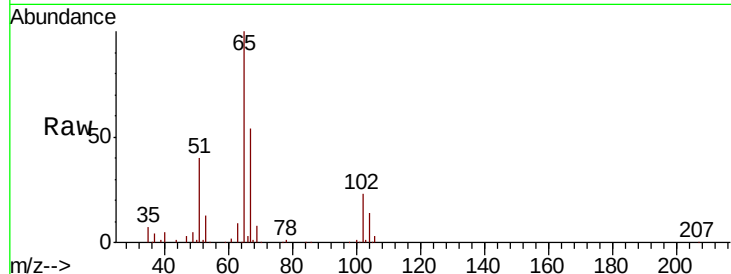




#33
 1,2-Dichloroethane-d4
 Concen: 55.231 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD065175.D
 Acq: 13 Feb 2020 13:40

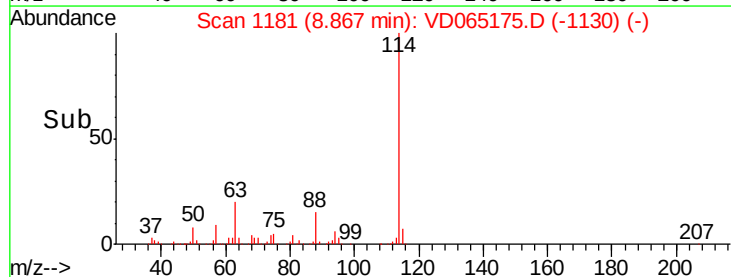
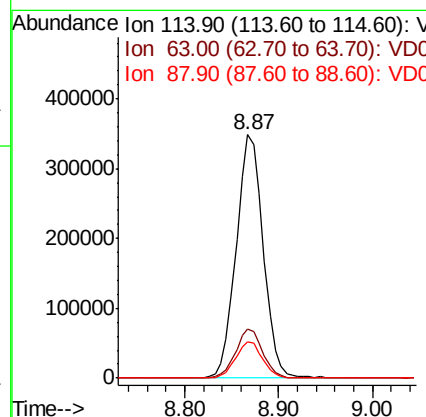
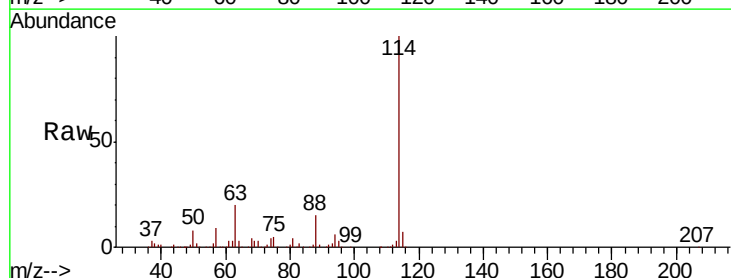
Instrument :
 MSVOA_D
 ClientSampleId :

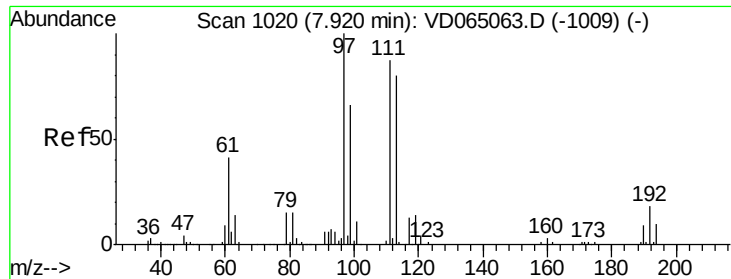
Tot Ion: 65 Resp: 200308
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065175.D
 Acq: 13 Feb 2020 13:40

Tgt Ion: 114 Resp: 695799
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 38.8
 88 14.9 0.0 29.6

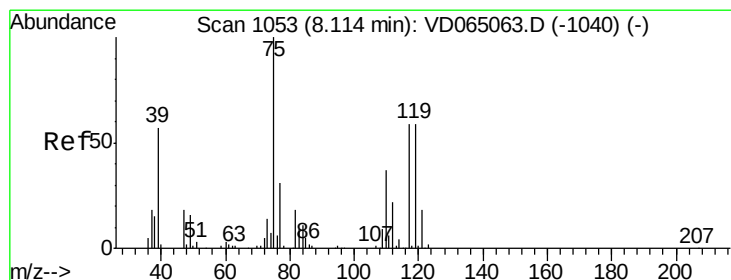
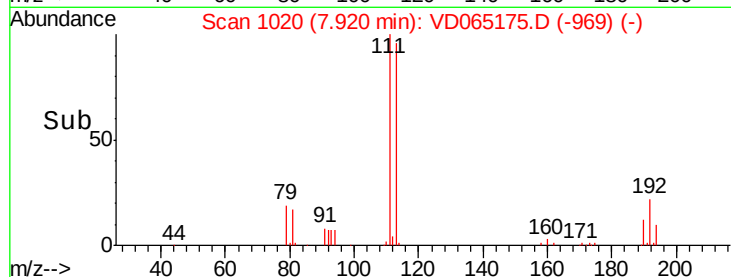
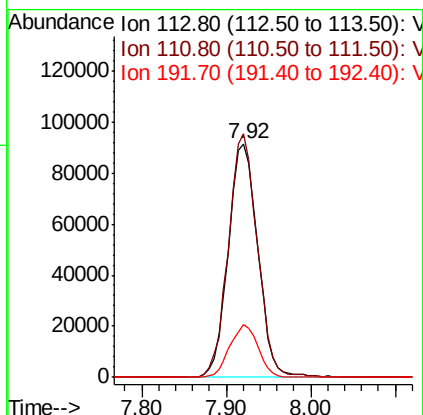
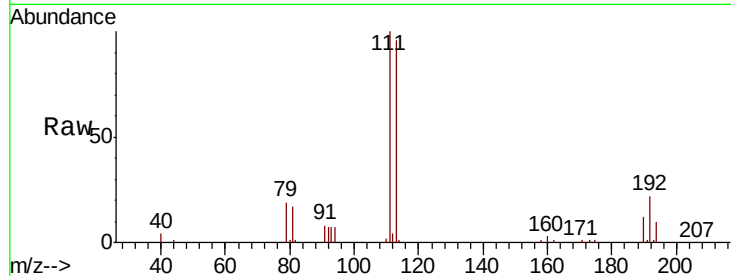




#35
 Dibromofluoromethane
 Concen: 56.669 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065175.D
 Acq: 13 Feb 2020 13:40

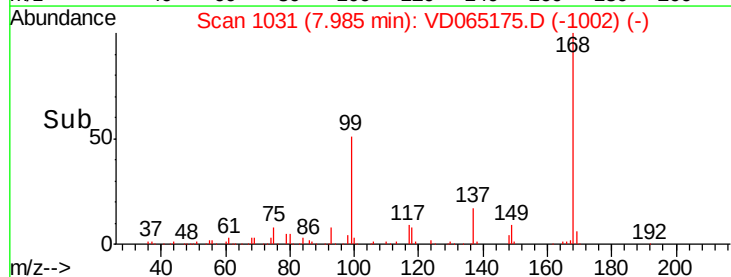
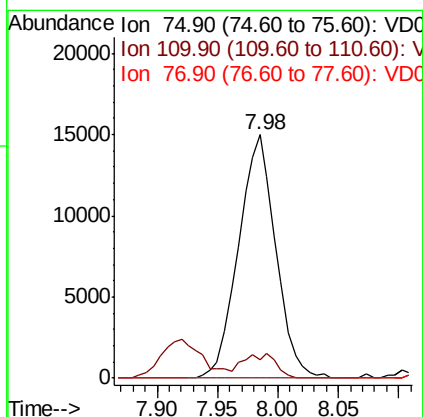
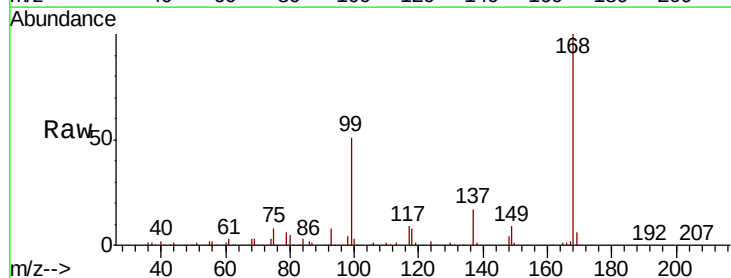
Instrument :
 MSVOA_D
 ClientSampleId :

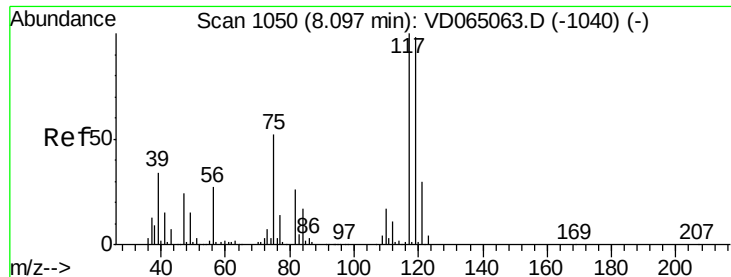
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	83.1	124.7
192	21.9	18.1	27.1



#36
 1,1-Dichloropropene
 Concen: 4.969 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD065175.D
 Acq: 13 Feb 2020 13:40

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.9	18.1	54.3#
77	0.0	24.7	37.1#

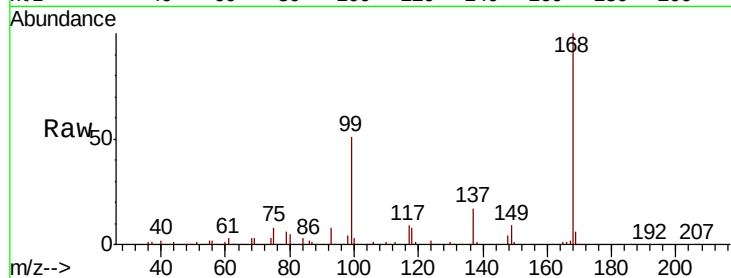




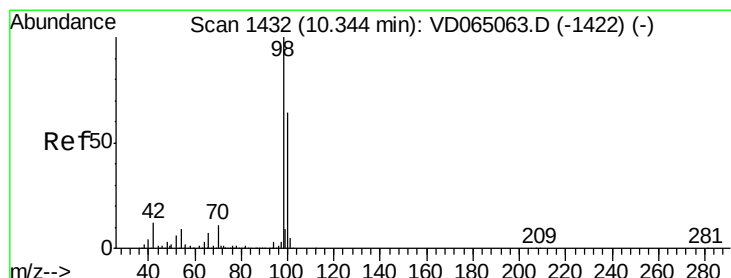
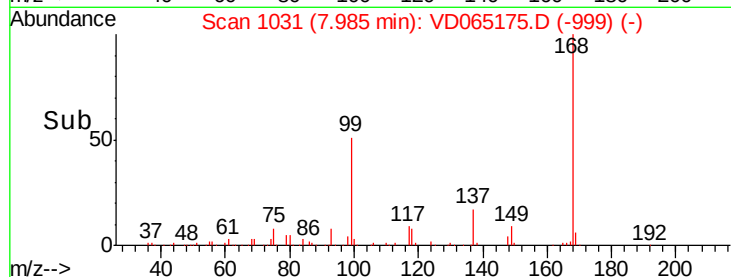
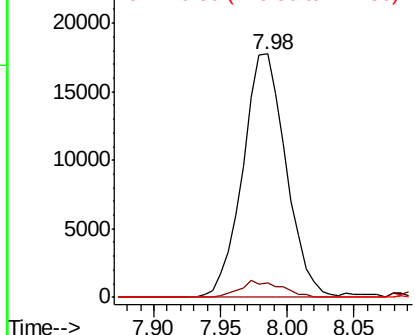
#38
Carbon Tetrachloride
Concen: 6.032 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.11 min
Lab File: VD065175.D
Acq: 13 Feb 2020 13:40

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 39857
Ion Ratio Lower Upper
117 100
119 5.8 78.5 117.7#
121 0.0 23.8 35.6#

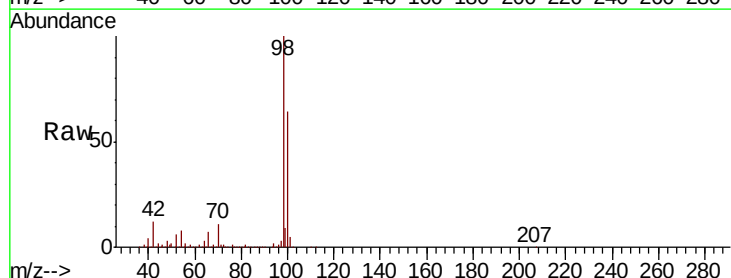


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

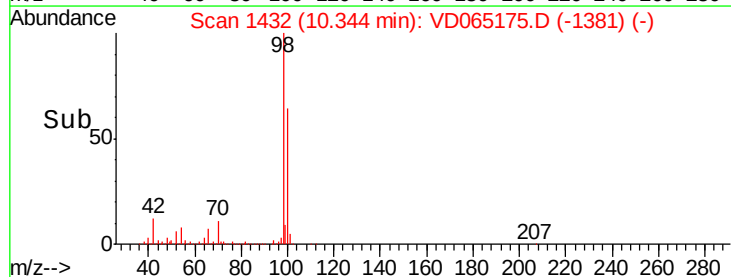
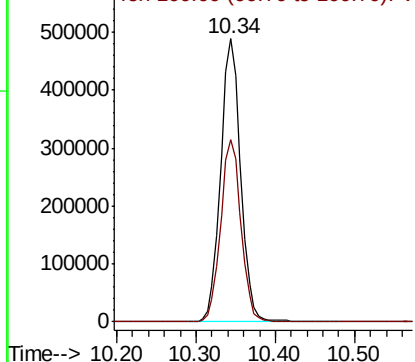


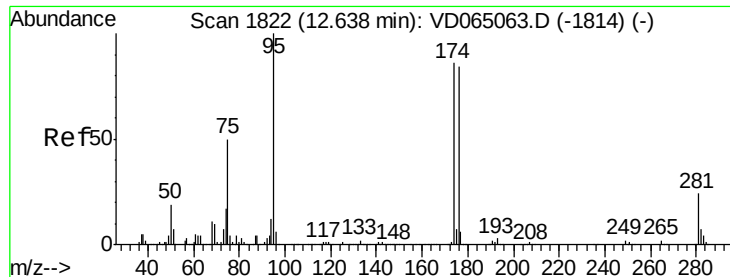
#50
Toluene-d8
Concen: 55.301 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065175.D
Acq: 13 Feb 2020 13:40

Tgt Ion: 98 Resp: 854510
Ion Ratio Lower Upper
98 100
100 65.3 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VD

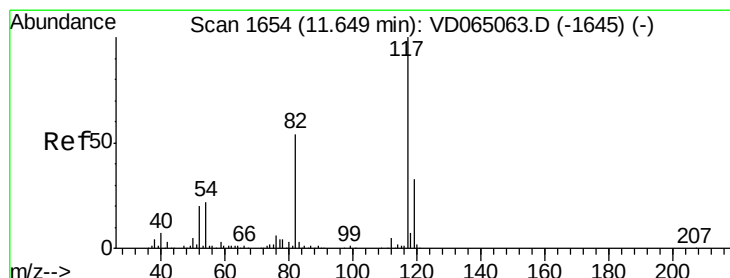
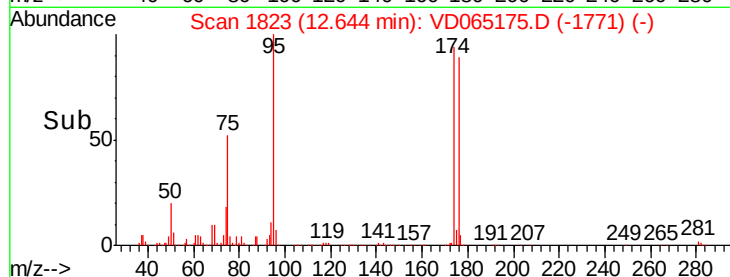
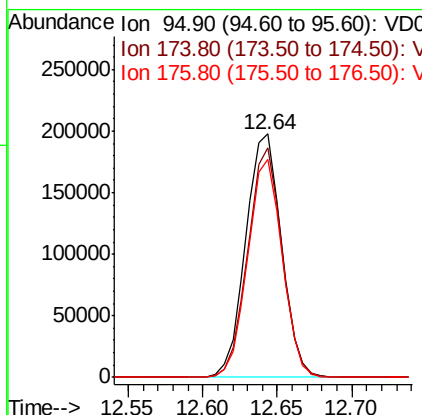
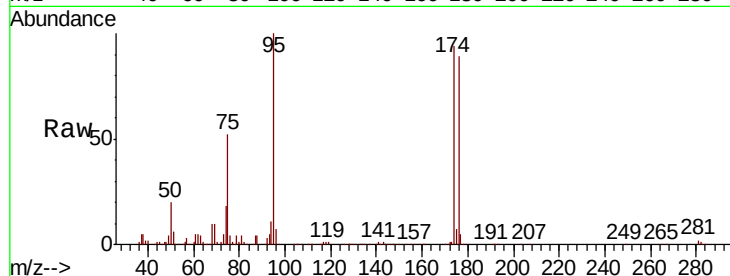




#62
4-Bromofluorobenzene
Concen: 66.635 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD065175.D
Acq: 13 Feb 2020 13:40

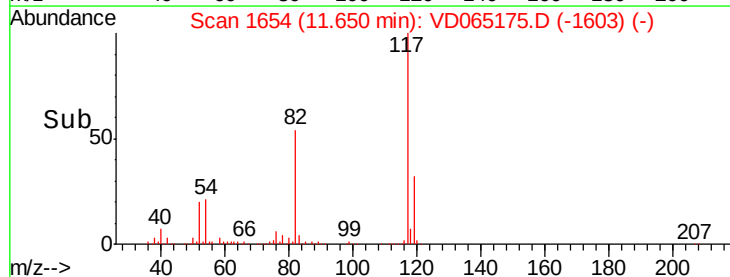
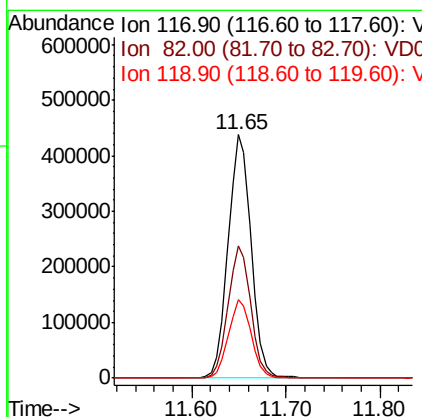
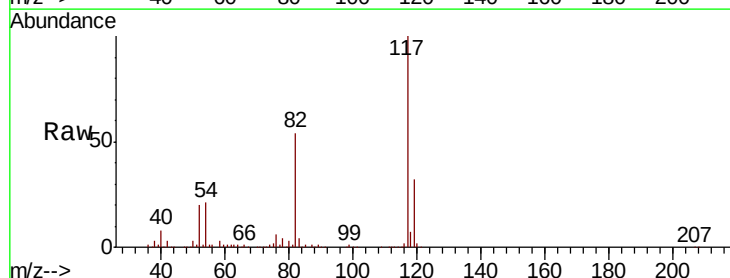
Instrument :
MSVOA_D
ClientSampleId :

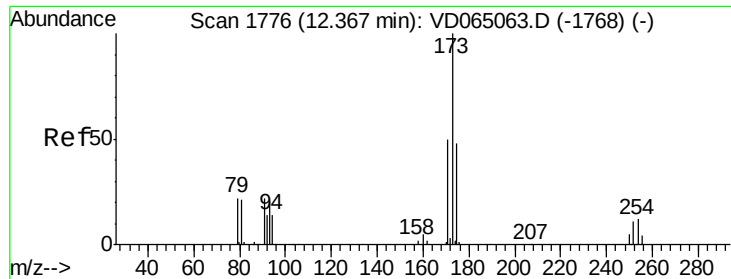
Tot Ion	Ratio	Lower	Upper
95	100		
174	90.4	0.0	180.0
176	86.6	0.0	173.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065175.D
Acq: 13 Feb 2020 13:40

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.3	43.1	64.7
119	32.2	26.0	39.0





#71

Bromoform

Concen: 1.005 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.27 min

Lab File: VD065175.D

Acq: 13 Feb 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

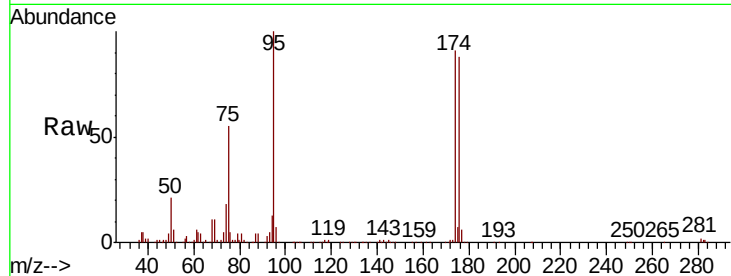
Tot Ion:173 Resp: 2858

Ion Ratio Lower Upper

173 100

175 539.9 24.3 72.8#

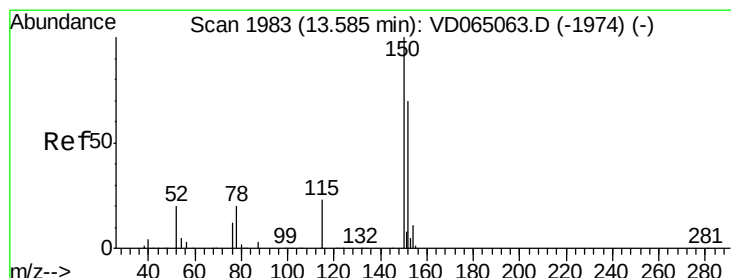
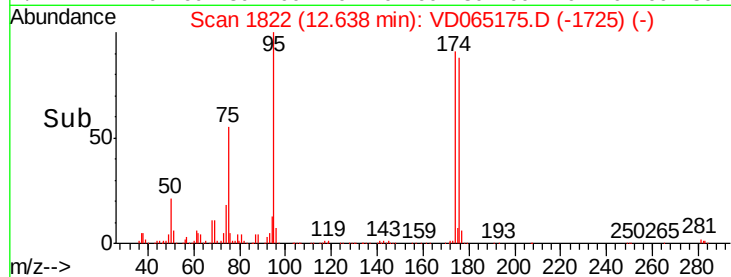
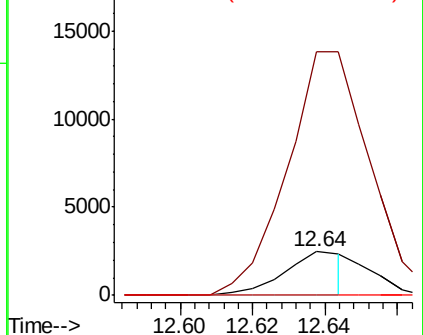
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD065175.D

Acq: 13 Feb 2020 13:40

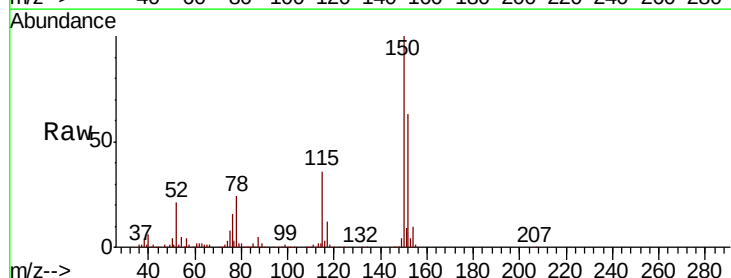
Tgt Ion:152 Resp: 373911

Ion Ratio Lower Upper

152 100

115 56.0 27.5 82.4

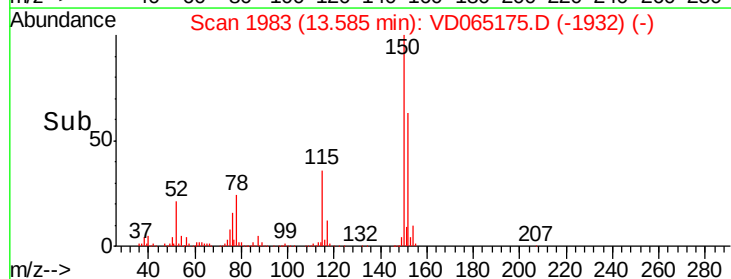
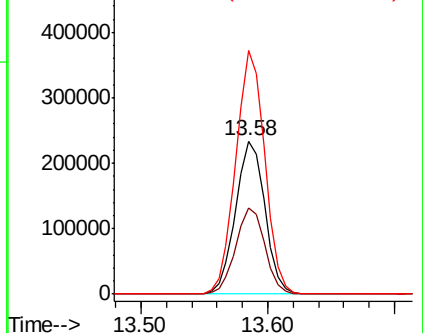
150 157.7 0.0 343.2

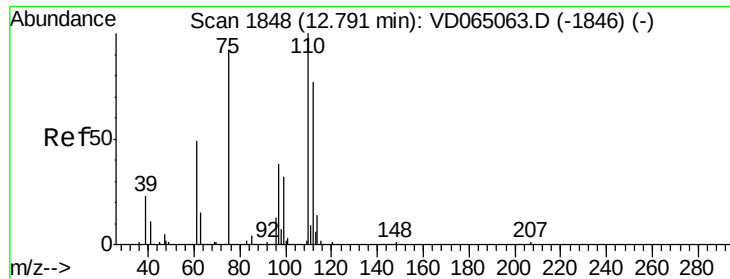


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 59.381 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD065175.D

Acq: 13 Feb 2020 13:40

Instrument :

MSVOA_D

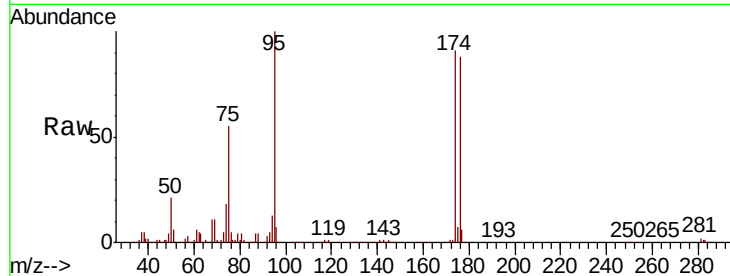
ClientSampleId :

Tot Ion: 75 Resp: 168103

Ion Ratio Lower Upper

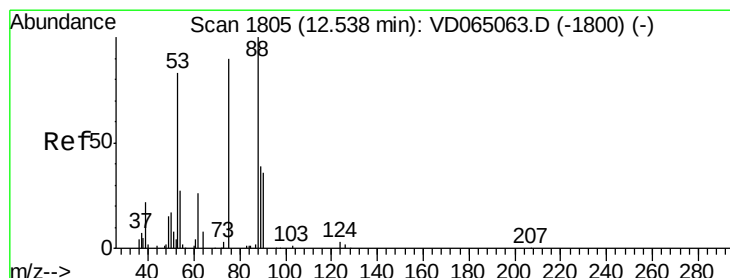
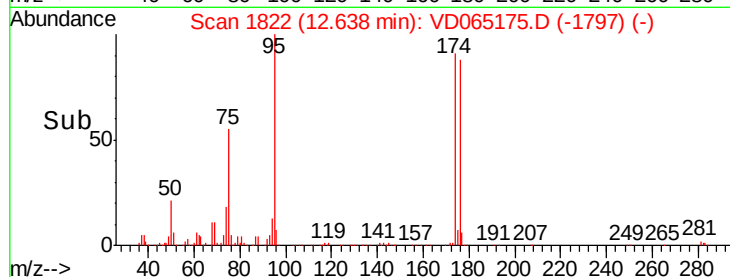
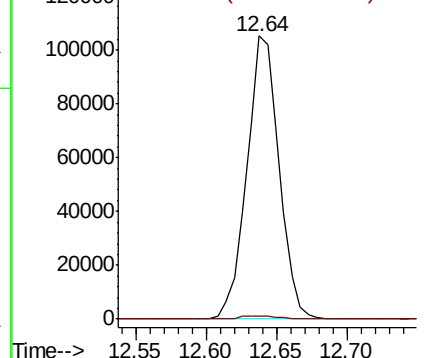
75 100

77 1.4 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: 118.758 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD065175.D

Acq: 13 Feb 2020 13:40

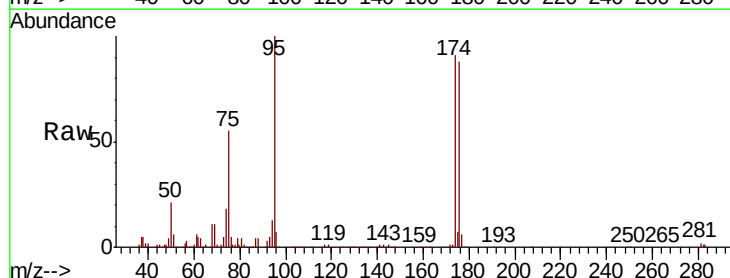
Tgt Ion: 75 Resp: 168103

Ion Ratio Lower Upper

75 100

53 0.1 78.5 117.7#

89 0.0 37.0 55.4#



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

