

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120320\
 Data File : VD067871.D
 Acq On : 03 Dec 2020 16:44
 Operator : VA/SY
 Sample : L4933-02
 Misc : 4.99G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC

Quant Time: Dec 04 01:09:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120120S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 02 08:05:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	245052	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	335202	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	302191	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	141624	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	113217	43.04	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.08%
35) Dibromofluoromethane	7.92	113	99337	44.29	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.58%
50) Toluene-d8	10.34	98	384133	47.57	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.14%
62) 4-Bromofluorobenzene	12.64	95	120252	43.08	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.16%

Target Compounds

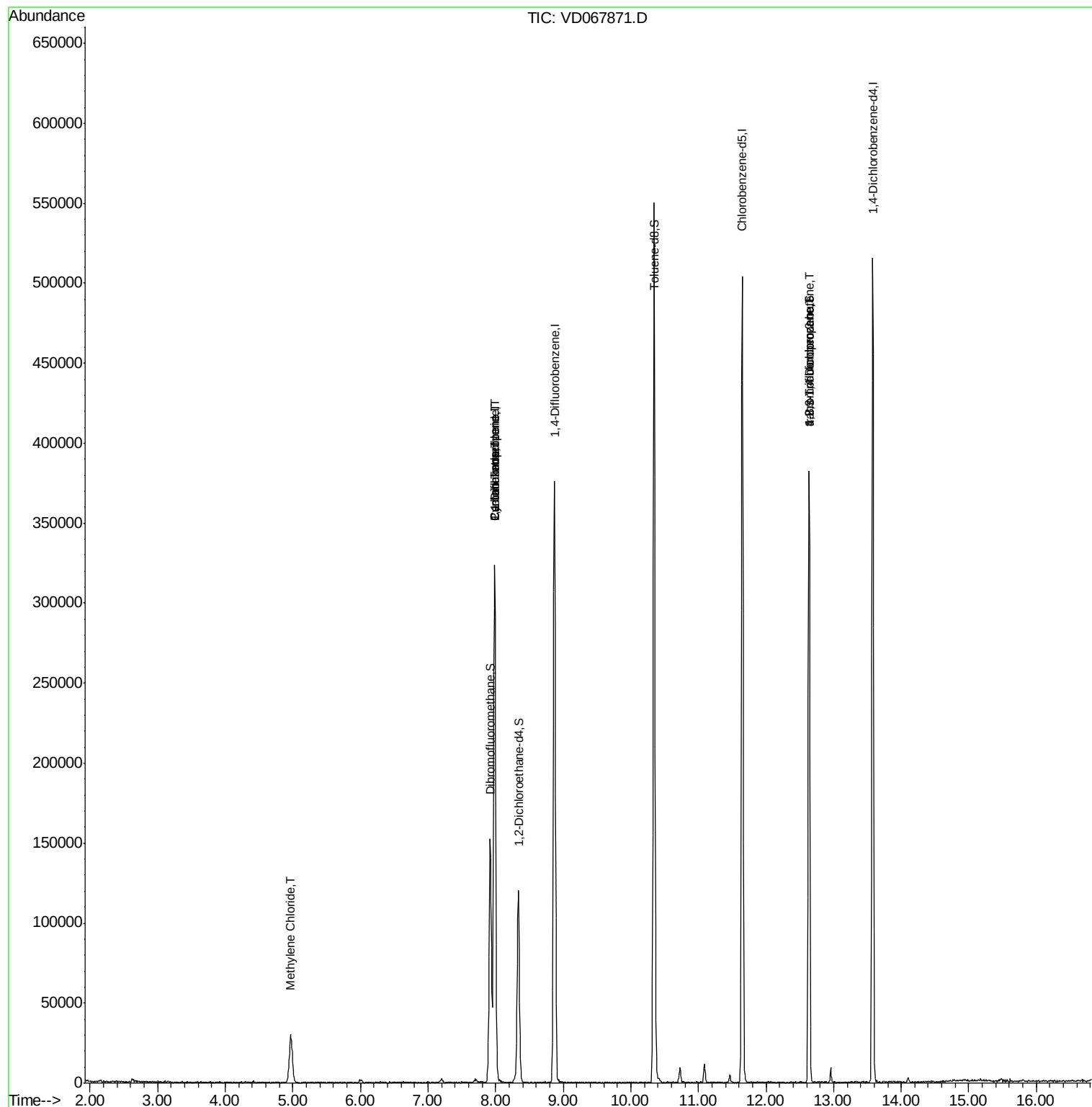
					Qvalue
18) Methyl Acetate	4.44	43	72	Below Cal	# 41
20) Methylene Chloride	4.97	84	25534	8.736	ug/l 98
31) Cyclohexane	7.98	56	5121	1.848	ug/l # 37
36) 1,1-Dichloropropene	7.98	75	16150	5.565	ug/l # 53
38) Carbon Tetrachloride	7.98	117	24873	5.665	ug/l # 16
76) 1,2,3-Trichloropropane	12.64	75	64867	62.895	ug/l # 1
81) trans-1,4-Dichloro-2-buten	12.64	75	64867	150.451	ug/l # 7

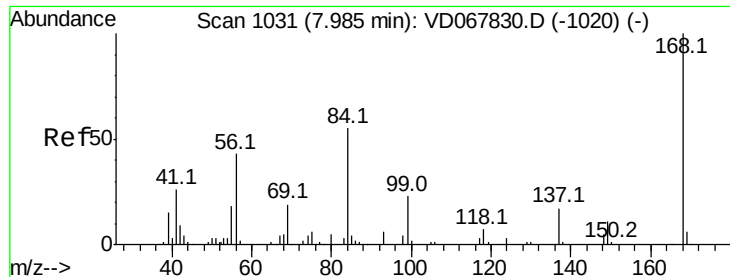
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD120320\
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ClientSampleId :
VOC

Quant Time: Dec 04 01:09:17 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D120120S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 02 08:05:58 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: VD067871.D

Acq: 03 Dec 2020 16:44

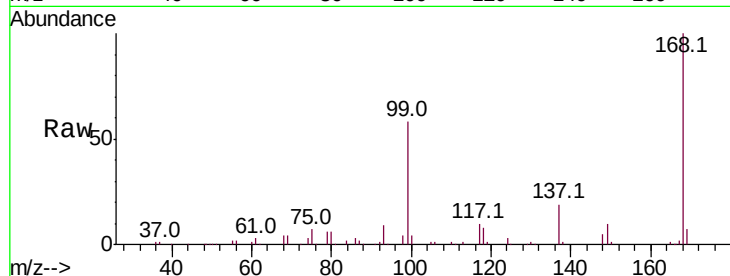
Instrument :
MSVOA_D
ClientSampleId :
VOC

Tot Ion:168 Resp: 245052

Ion Ratio Lower Upper

168 100

99 57.6 47.1 70.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

120000

100000

80000

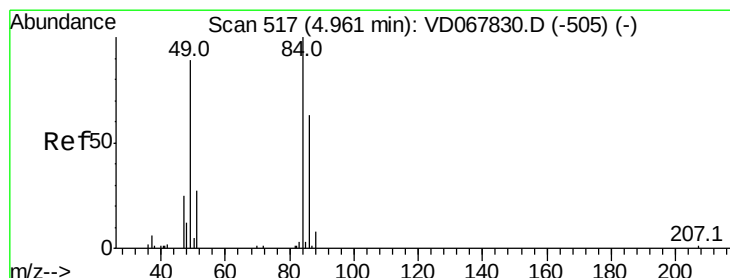
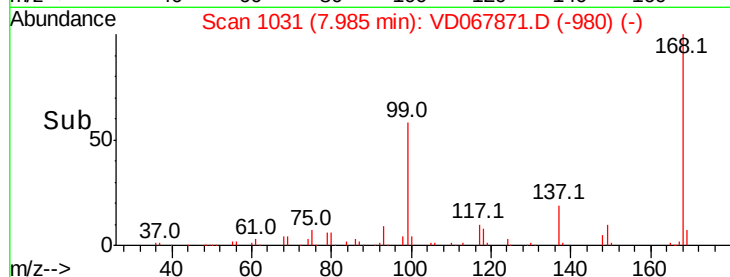
60000

40000

20000

0

Time--> 7.90 7.95 8.00 8.05



#20

Methylene Chloride

Concen: 8.736 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.01 min

Lab File: VD067871.D

Acq: 03 Dec 2020 16:44

Tgt Ion: 84 Resp: 25534

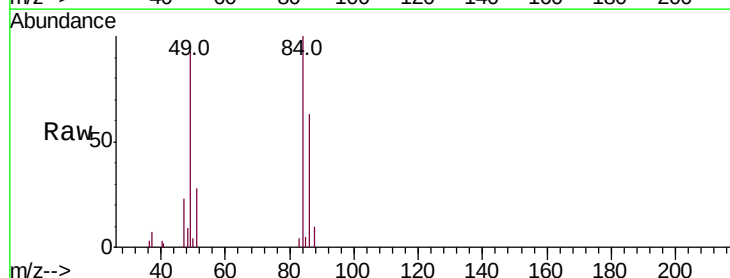
Ion Ratio Lower Upper

84 100

49 93.2 71.4 107.0

51 27.8 21.8 32.8

86 62.9 50.6 75.8



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

12000

10000

8000

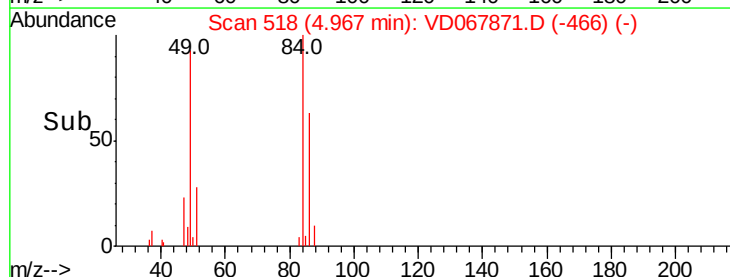
6000

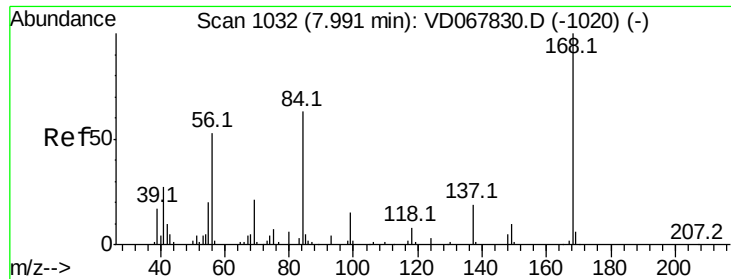
4000

2000

0

Time--> 4.90 4.95 5.00

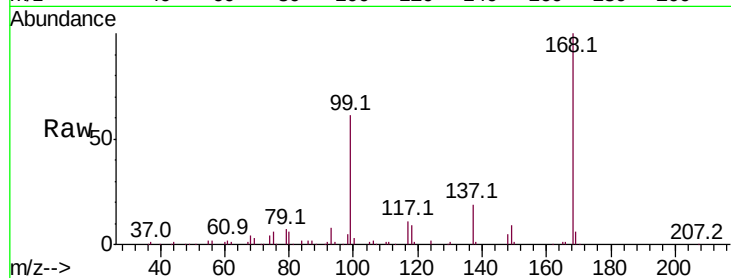




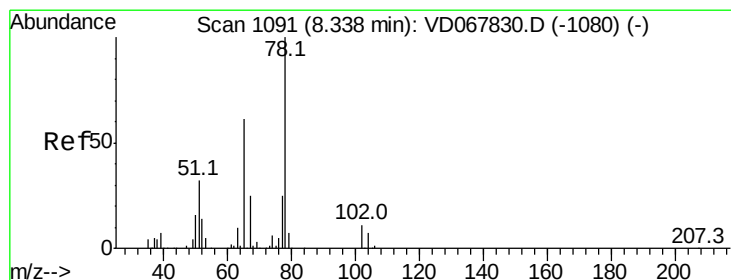
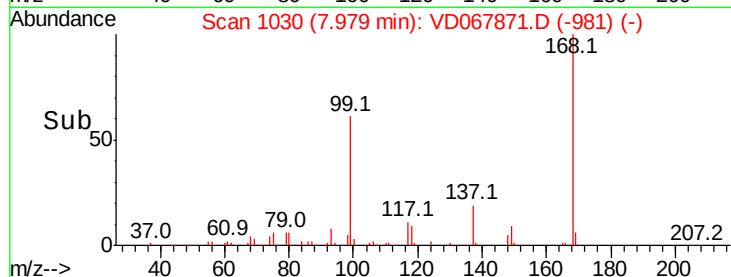
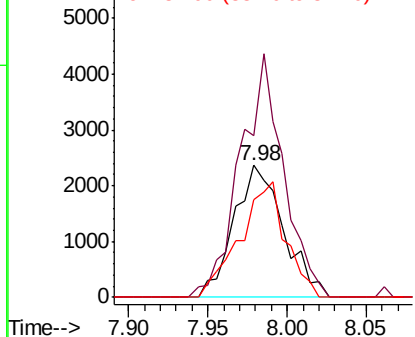
#31
Cyclohexane
Concen: 1.848 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD067871.D
Acq: 03 Dec 2020 16:44

Instrument :
MSVOA_D
ClientSampled :
VOC

Tot Ion: 56 Resp: 5121
Ion Ratio Lower Upper
56 100
69 123.1 32.1 48.1#
84 73.8 93.2 139.8#

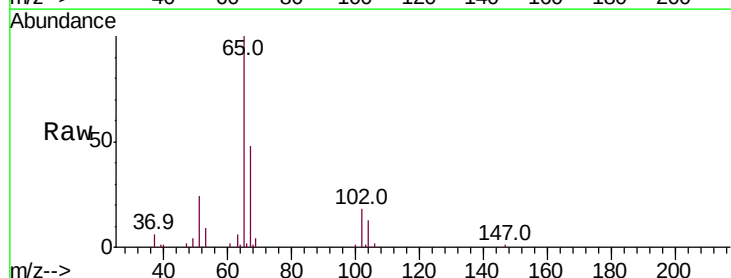


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

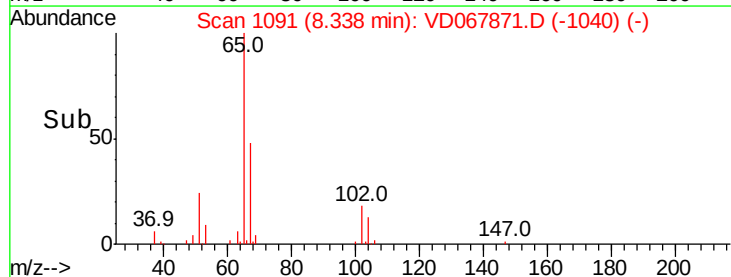
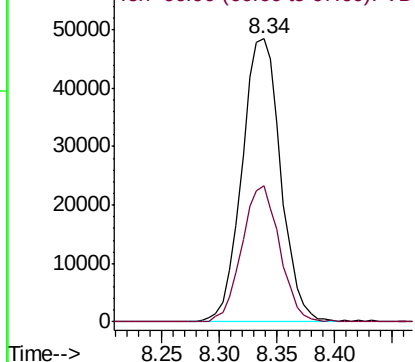


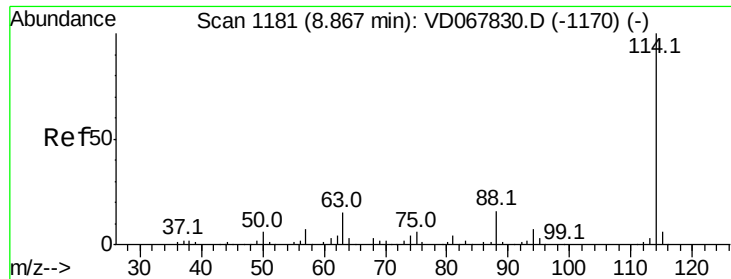
#33
1,2-Dichloroethane-d4
Concen: 43.036 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VD067871.D
Acq: 03 Dec 2020 16:44

Tgt Ion: 65 Resp: 113217
Ion Ratio Lower Upper
65 100
67 46.9 0.0 92.0



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

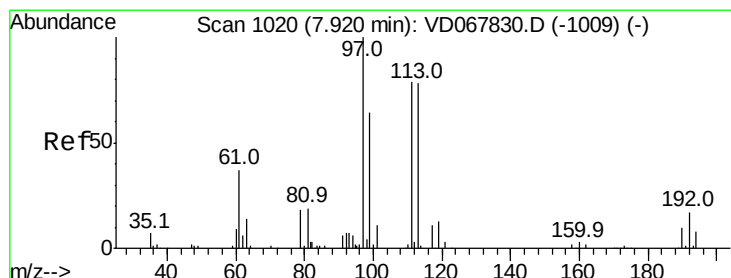
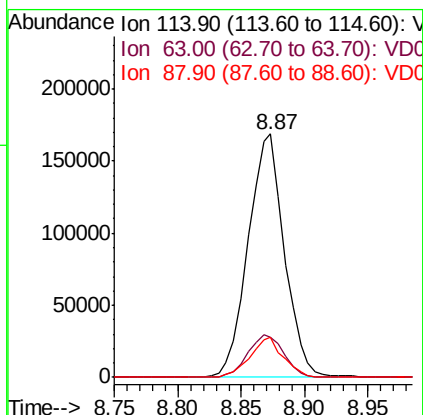
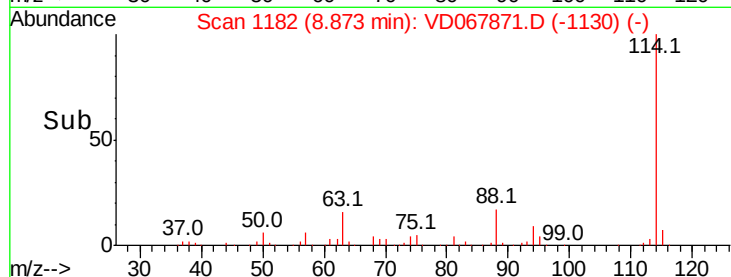
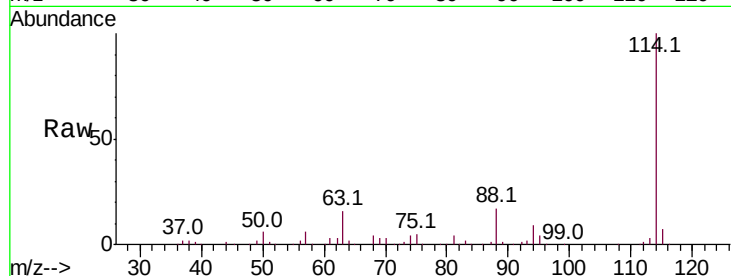




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: VD067871.D
 Acq: 03 Dec 2020 16:44

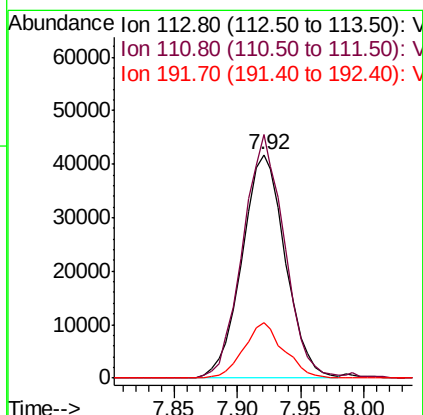
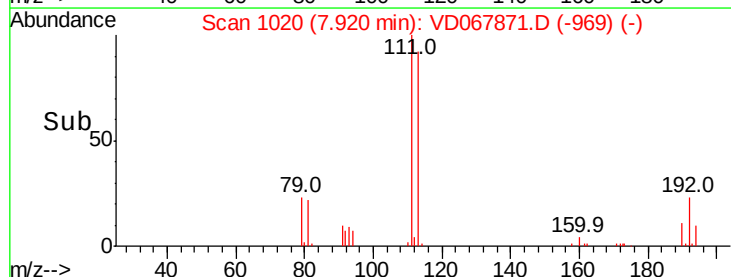
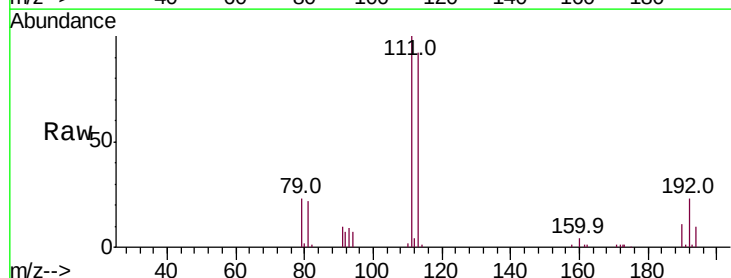
Instrument :
 MSVOA_D
 ClientSampled :
 VOC

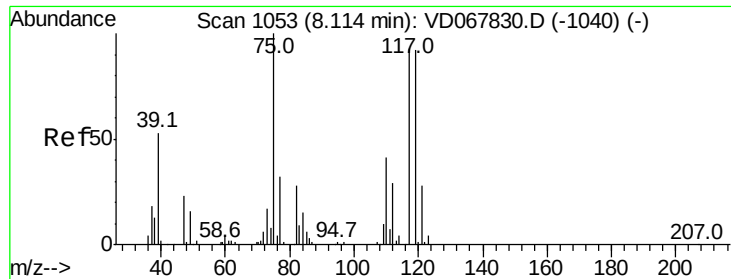
Tot Ion:114 Resp: 335202
 Ion Ratio Lower Upper
 114 100
 63 16.5 0.0 30.8
 88 16.5 0.0 31.8



#35
 Dibromofluoromethane
 Concen: 44.288 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD067871.D
 Acq: 03 Dec 2020 16:44

Tgt Ion:113 Resp: 99337
 Ion Ratio Lower Upper
 113 100
 111 105.5 81.2 121.8
 192 22.7 16.8 25.2





#36

1,1-Dichloropropene

Concen: 5.565 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.13 min

Lab File: VD067871.D

Acq: 03 Dec 2020 16:44

Instrument :

MSVOA_D

ClientSampleId :

VOC

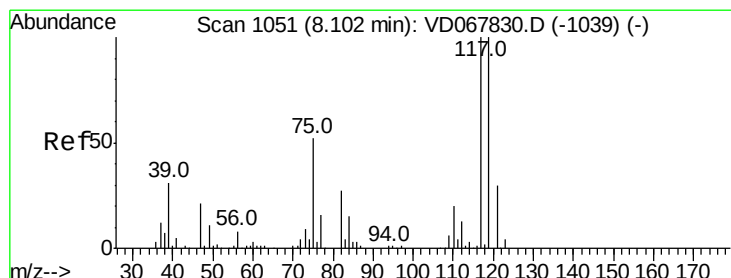
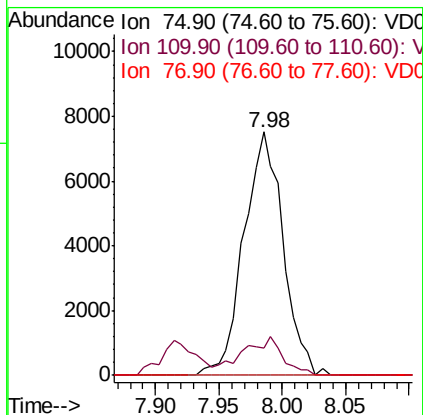
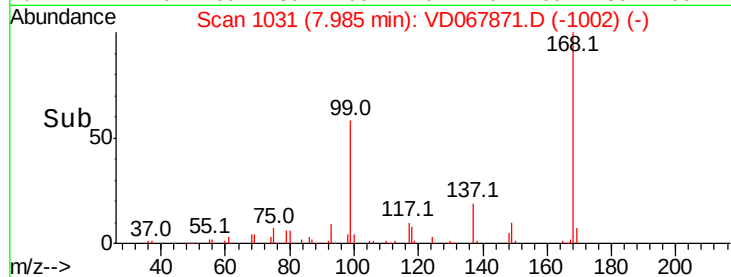
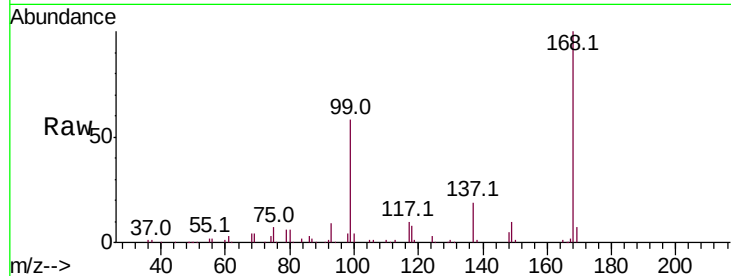
Tot Ion: 75 Resp: 16150

Ion Ratio Lower Upper

75 100

110 15.8 20.3 61.0#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.665 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.12 min

Lab File: VD067871.D

Acq: 03 Dec 2020 16:44

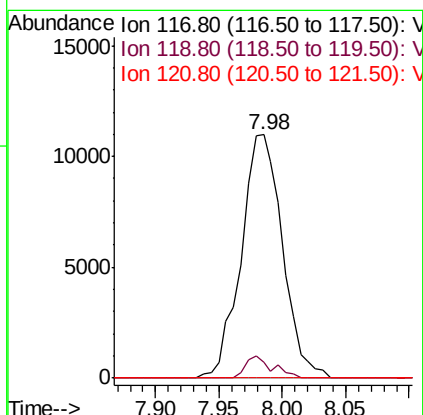
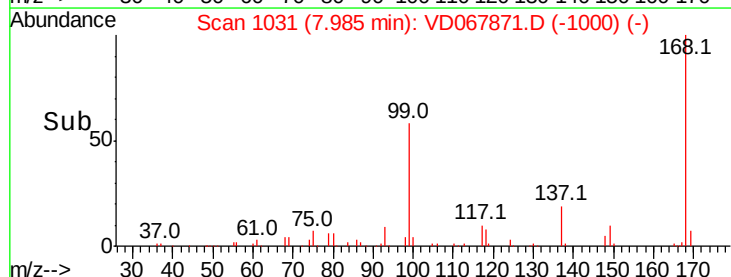
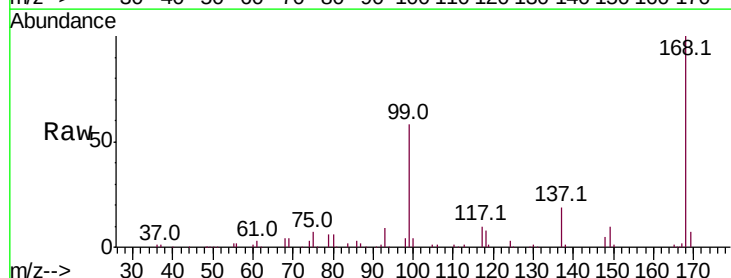
Tgt Ion: 117 Resp: 24873

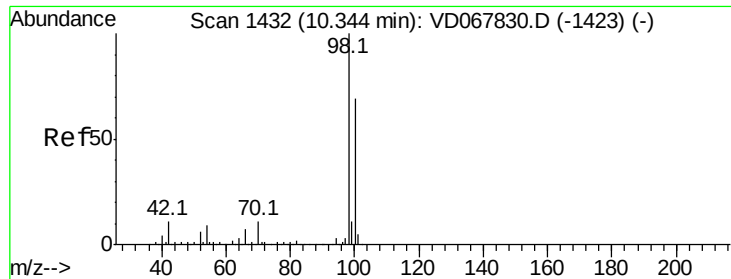
Ion Ratio Lower Upper

117 100

119 6.6 79.7 119.5#

121 0.0 23.8 35.6#

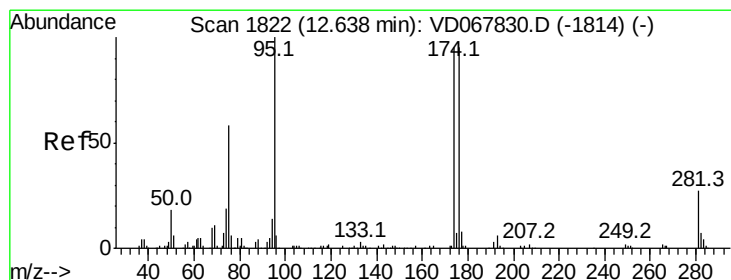
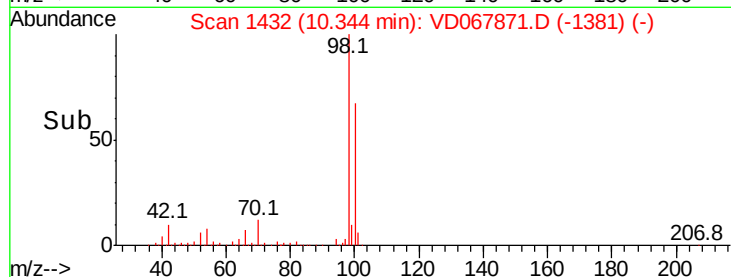
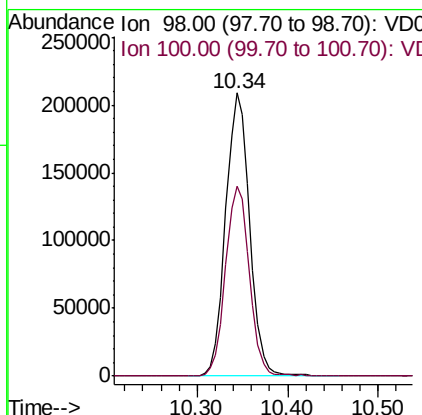
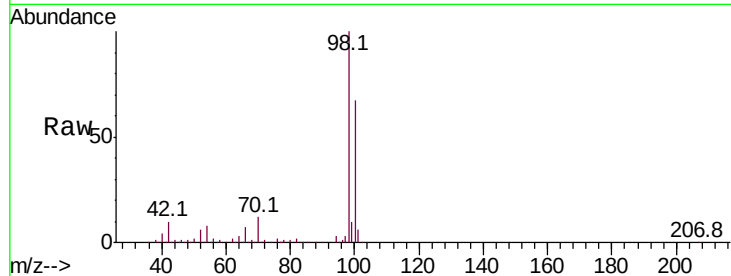




#50
Toluene-d8
Concen: 47.575 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067871.D
Acq: 03 Dec 2020 16:44

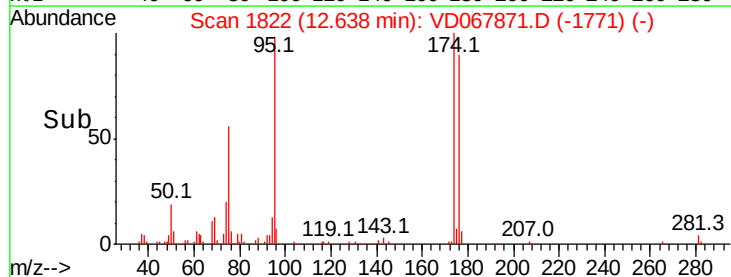
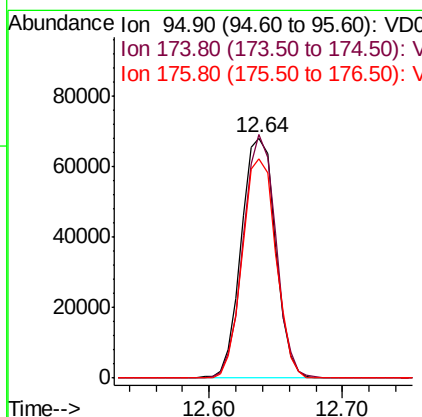
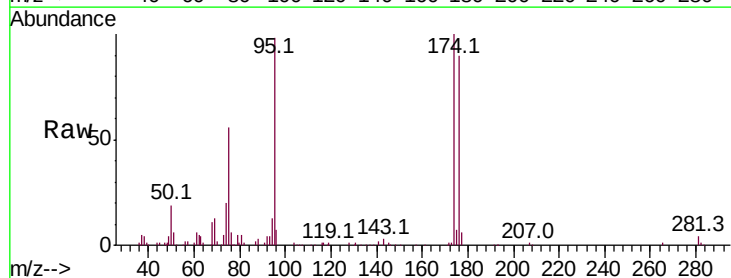
Instrument :
MSVOA_D
ClientSampleId :
VOC

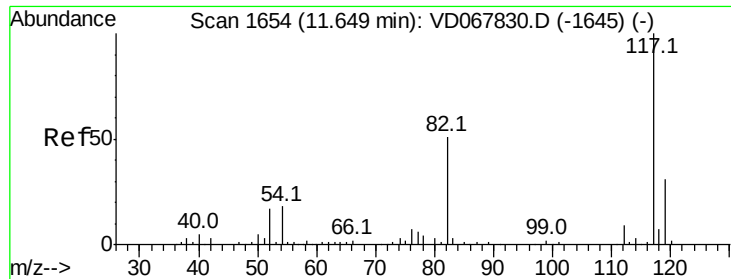
Tot Ion: 98 Resp: 384133
Ion Ratio Lower Upper
98 100
100 66.7 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 43.078 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067871.D
Acq: 03 Dec 2020 16:44

Tgt Ion: 95 Resp: 120252
Ion Ratio Lower Upper
95 100
174 96.3 0.0 186.0
176 89.9 0.0 184.2

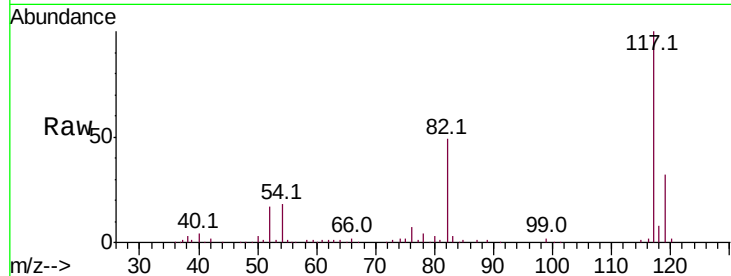




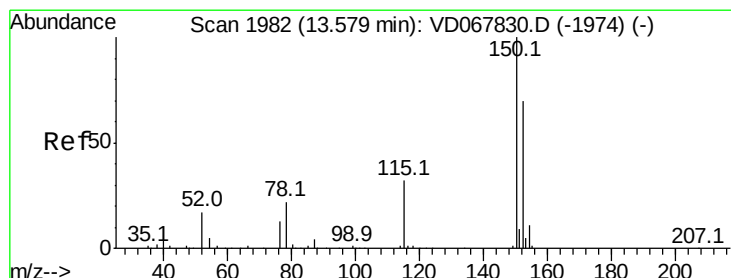
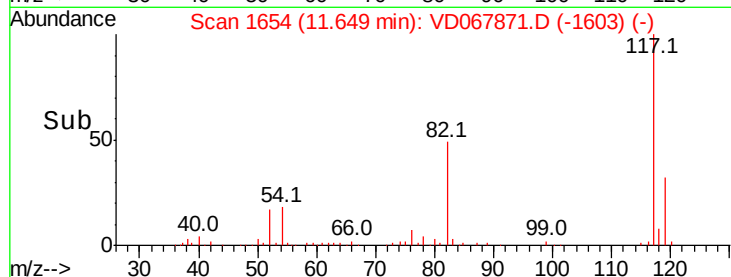
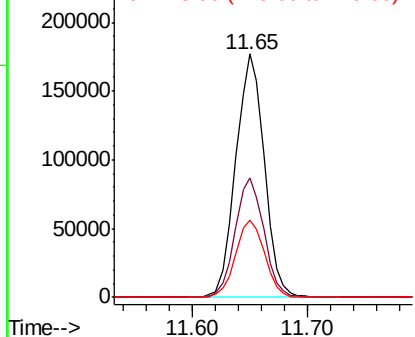
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067871.D
Acq: 03 Dec 2020 16:44

Instrument :
MSVOA_D
ClientSampled :
VOC

Tot Ion:117 Resp: 302191
Ion Ratio Lower Upper
117 100
82 48.8 40.6 60.8
119 31.9 25.1 37.7

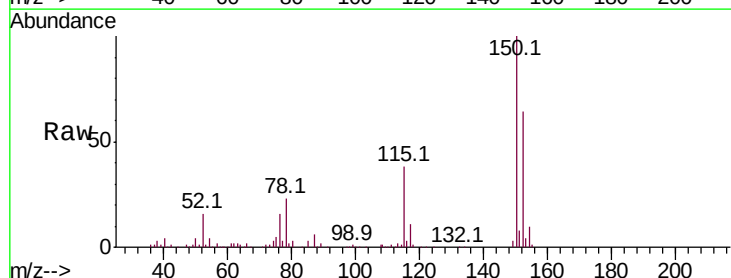


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

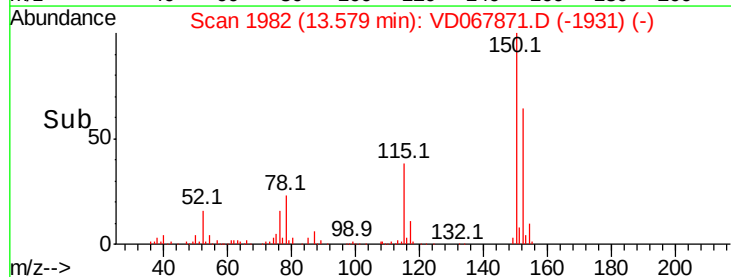
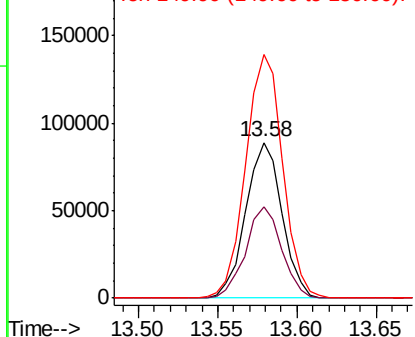


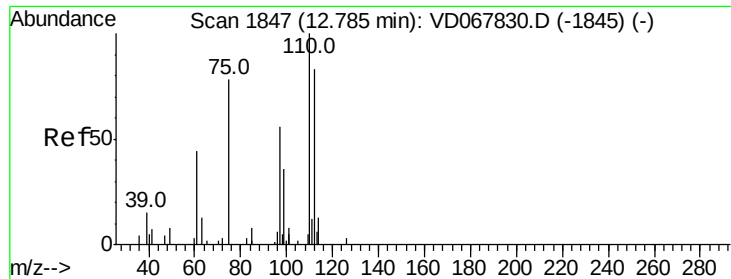
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067871.D
Acq: 03 Dec 2020 16:44

Tgt Ion:152 Resp: 141624
Ion Ratio Lower Upper
152 100
115 58.0 29.1 87.4
150 159.5 0.0 339.0



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: 62.895 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD067871.D

Acq: 03 Dec 2020 16:44

Instrument :

MSVOA_D

ClientSampleId :

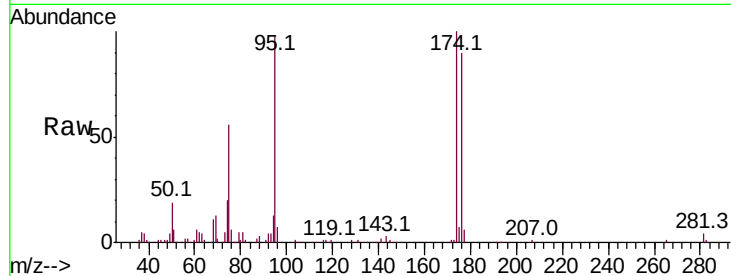
VOC

Tot Ion: 75 Resp: 64867

Ion Ratio Lower Upper

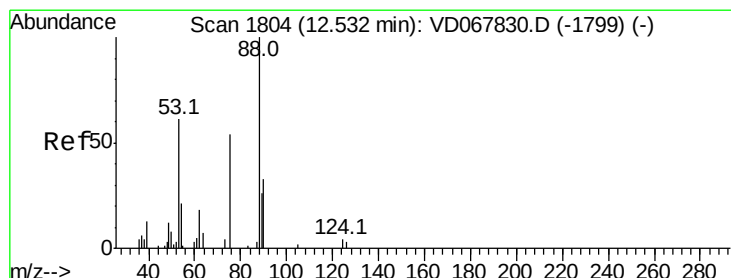
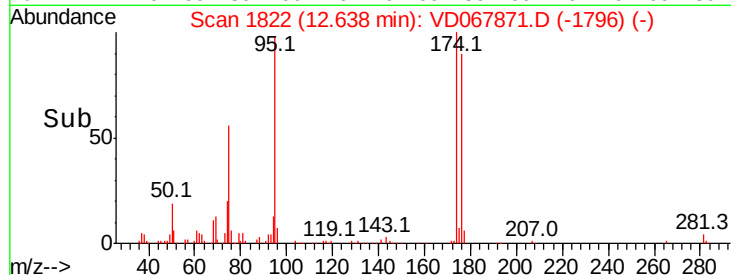
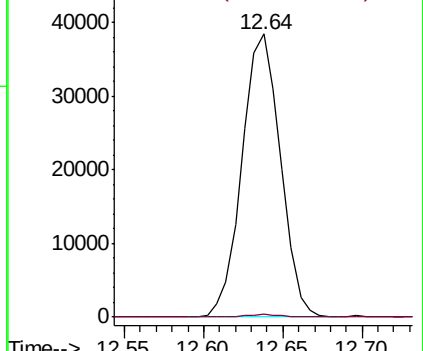
75 100

77 0.7 175.9 527.7#



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: 150.451 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067871.D

Acq: 03 Dec 2020 16:44

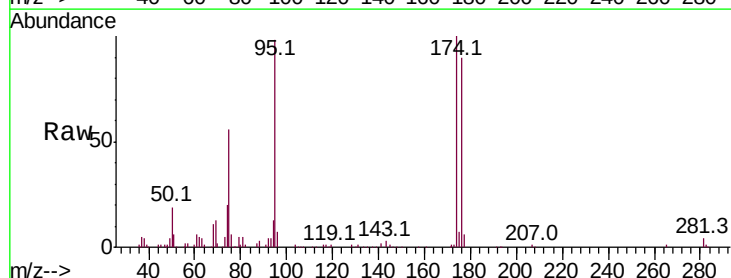
Tgt Ion: 75 Resp: 64867

Ion Ratio Lower Upper

75 100

53 0.0 84.6 127.0#

89 0.0 41.0 61.6#



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

