

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112320\
 Data File : VD067749.D
 Acq On : 23 Nov 2020 16:48
 Operator : VA/SY
 Sample : L4836-10RE
 Misc : 6.15G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SL-01

Quant Time: Nov 24 00:56:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 24 00:51:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	224122	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	343128	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	355262	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	148351	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	110216	50.58	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.16%
35) Dibromofluoromethane	7.92	113	109382	50.09	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.18%
50) Toluene-d8	10.34	98	392697	49.19	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.38%
62) 4-Bromofluorobenzene	12.64	95	153217	56.15	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.30%

Target Compounds

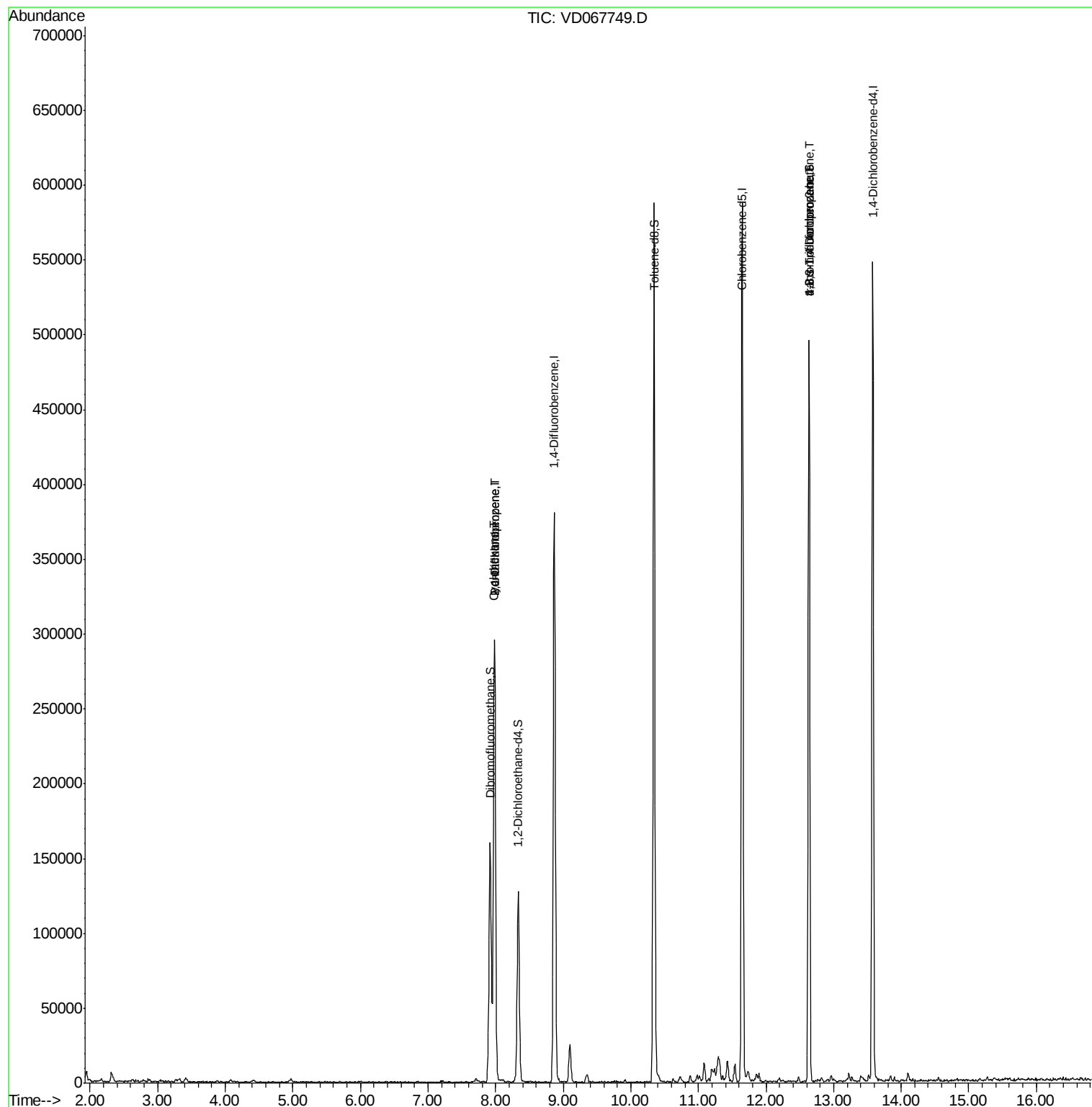
					Qvalue
11) Tert butyl alcohol	5.23	59	53	Below Cal	# 87
20) Methylene Chloride	4.97	84	1855	Below Cal	# 70
31) Cyclohexane	7.97	56	4747	1.800 ug/l	# 26
36) 1,1-Dichloropropene	7.99	75	15446	5.246 ug/l	# 49
76) 1,2,3-Trichloropropane	12.64	75	79441	76.834 ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.64	75	79441	179.708 ug/l	# 11

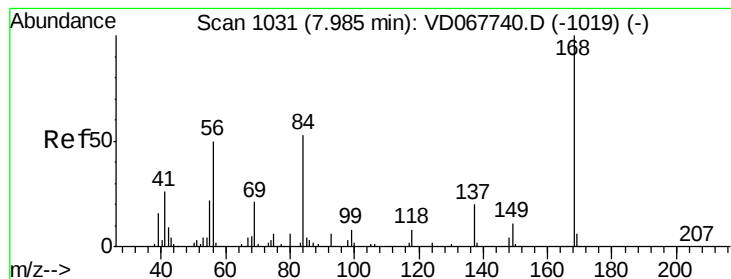
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD112320\
Data File : VD067749.D
Acq On : 23 Nov 2020 16:48
Operator : VA/SY
Sample : L4836-10RE
Misc : 6.15G/5.00ml/MSVOA D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SL-01

Quant Time: Nov 24 00:56:48 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 24 00:51:35 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067749.D

Acq: 23 Nov 2020 16:48

Instrument :

MSVOA_D

ClientSampleId :

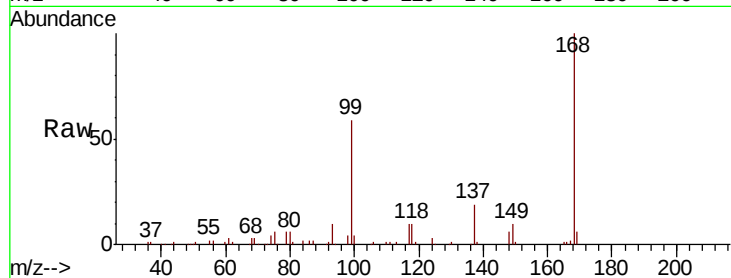
SL-01

Tot Ion:168 Resp: 224122

Ion Ratio Lower Upper

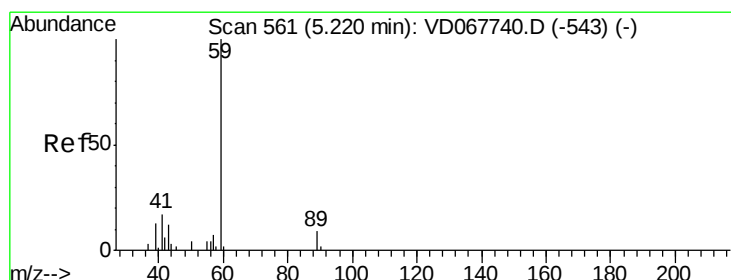
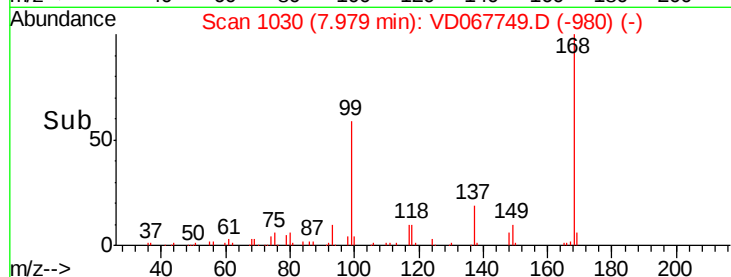
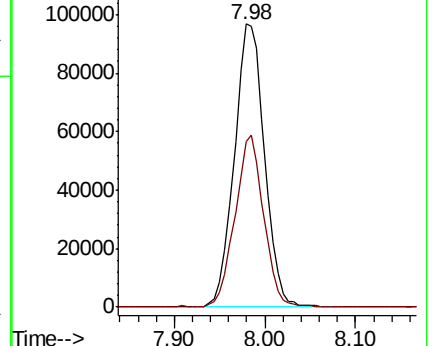
168 100

99 58.5 43.8 65.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.23 min Scan# 562

Delta R.T. 0.01 min

Lab File: VD067749.D

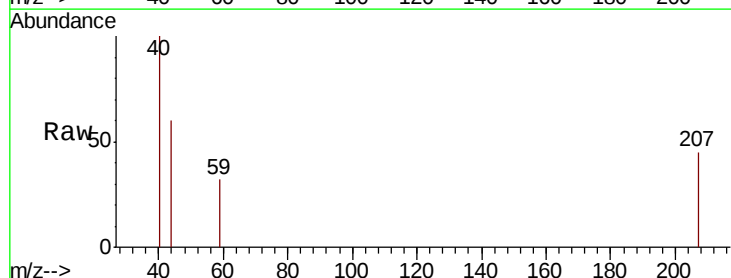
Acq: 23 Nov 2020 16:48

Tgt Ion: 59 Resp: 53

Ion Ratio Lower Upper

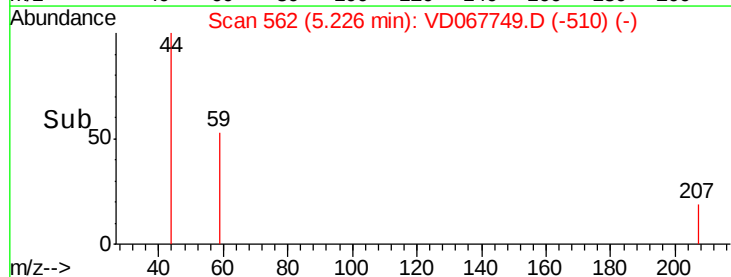
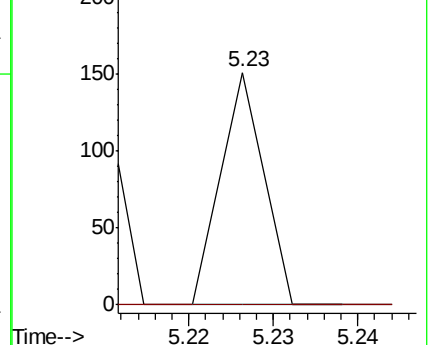
59 100

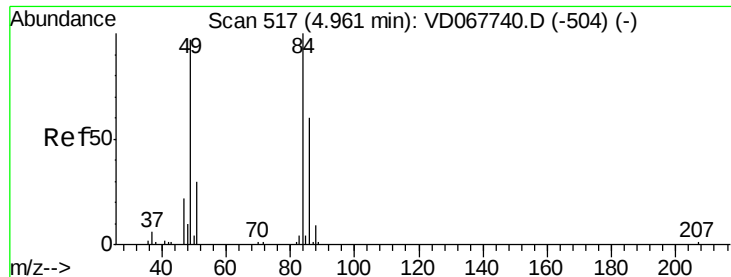
57 0.0 3.4 5.0#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

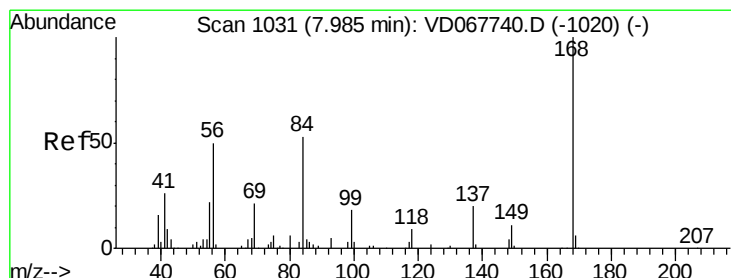
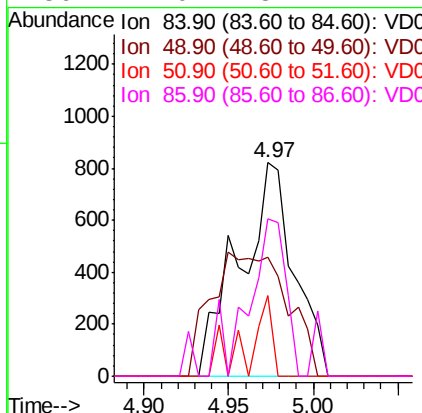
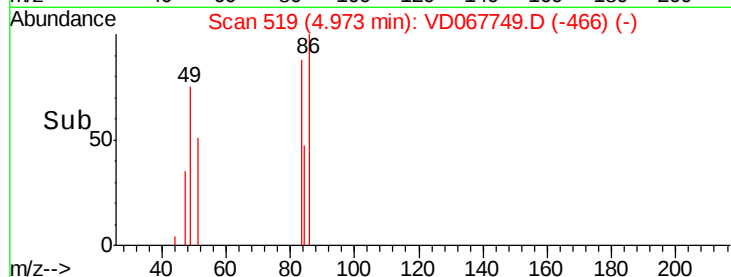
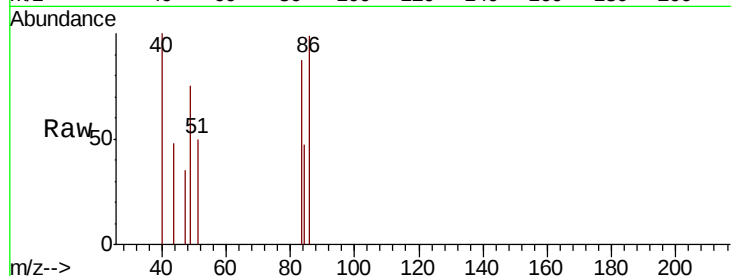




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD067749.D
Acq: 23 Nov 2020 16:48

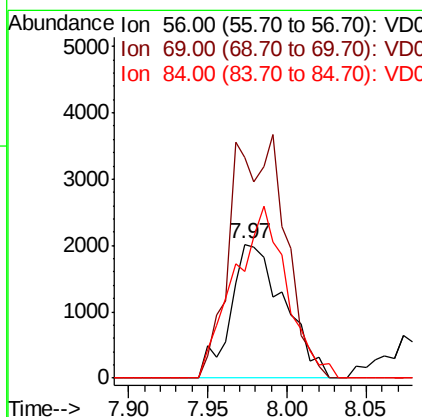
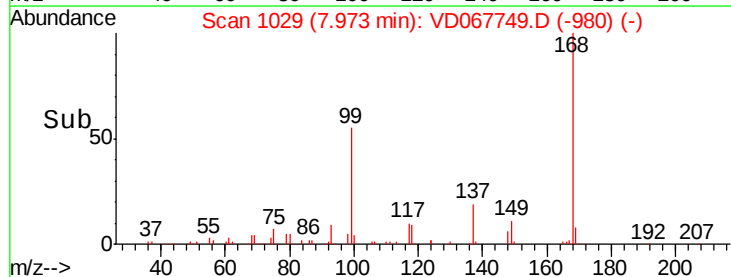
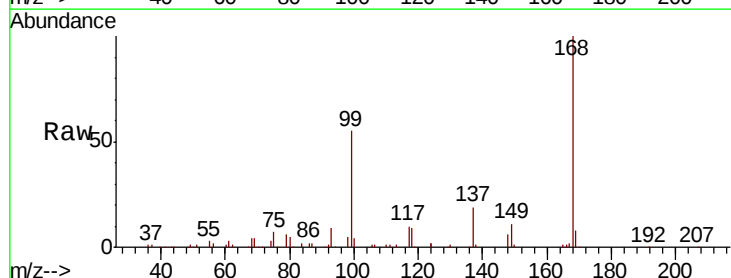
Instrument :
MSVOA_D
ClientSampleId :
SL-01

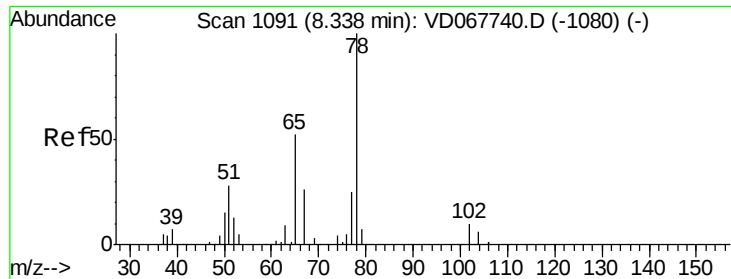
Tot Ion: 84 Resp: 1855
Ion Ratio Lower Upper
84 100
49 55.7 77.4 116.2#
51 37.6 24.1 36.1#
86 74.0 48.2 72.2#



#31
Cyclohexane
Concen: 1.800 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD067749.D
Acq: 23 Nov 2020 16:48

Tgt Ion: 56 Resp: 4747
Ion Ratio Lower Upper
56 100
69 165.0 33.2 49.8#
84 79.4 84.8 127.2#

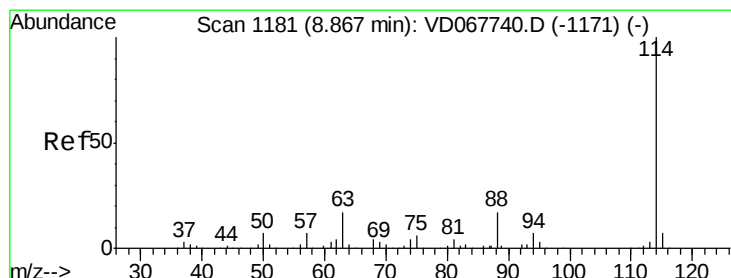
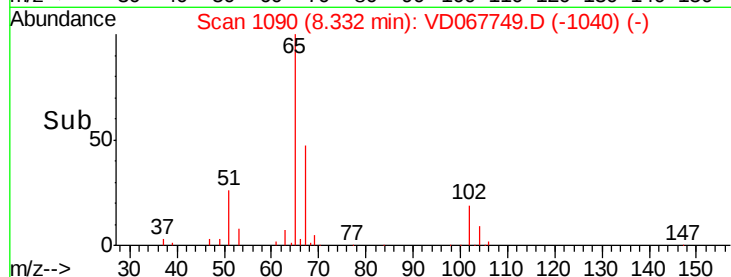
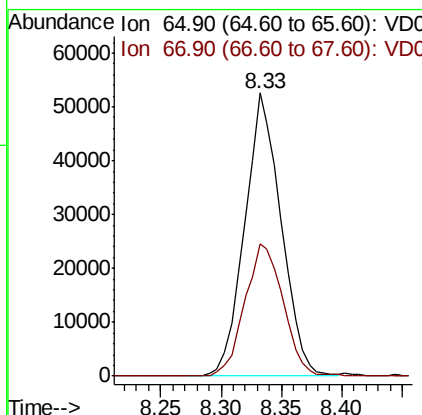
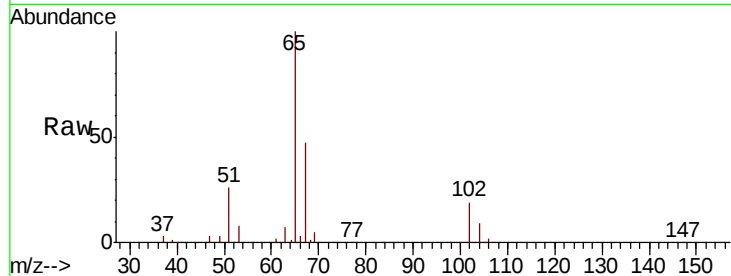




#33
 1,2-Dichloroethane-d4
 Concen: 50.577 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD067749.D
 Acq: 23 Nov 2020 16:48

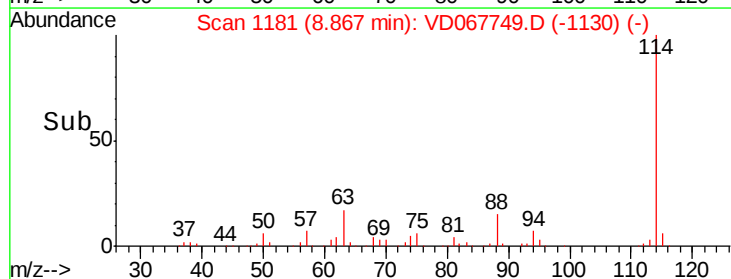
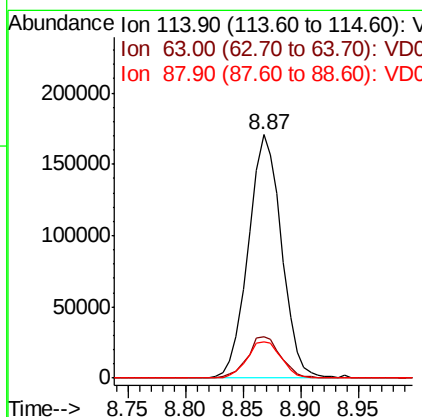
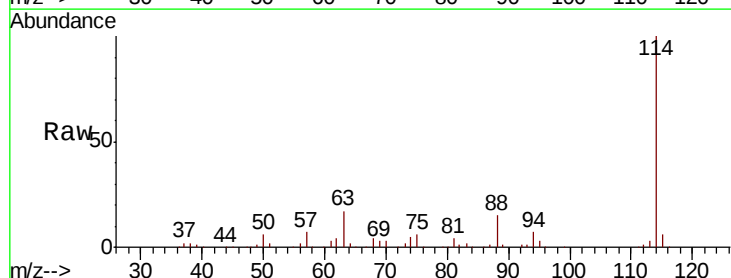
Instrument :
 MSVOA_D
 ClientSampled :
 SL-01

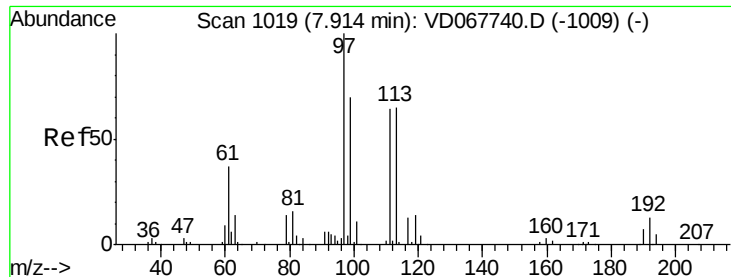
Tot Ion: 65 Resp: 110216
 Ion Ratio Lower Upper
 65 100
 67 49.0 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067749.D
 Acq: 23 Nov 2020 16:48

Tgt Ion: 114 Resp: 343128
 Ion Ratio Lower Upper
 114 100
 63 16.8 0.0 34.8
 88 14.7 0.0 34.4





#35

Dibromofluoromethane

Concen: 50.091 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD067749.D

Acq: 23 Nov 2020 16:48

Instrument :

MSVOA_D

ClientSampleId :

SL-01

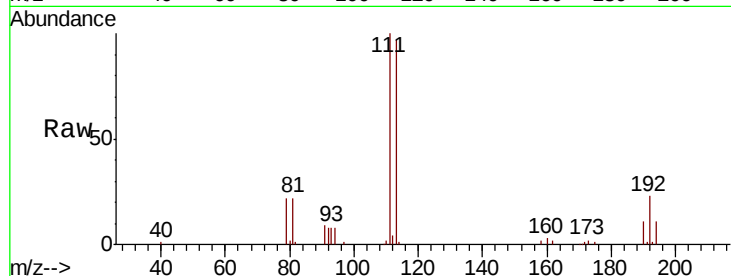
Tot Ion:113 Resp: 109382

Ion Ratio Lower Upper

113 100

111 104.3 81.4 122.0

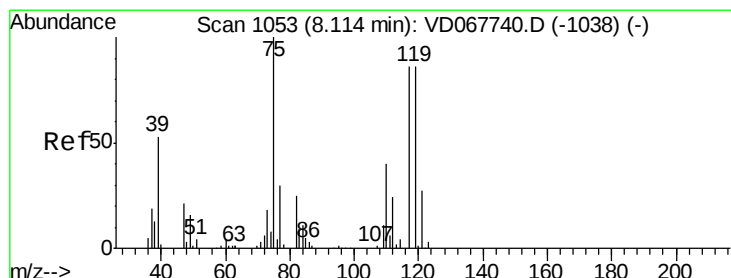
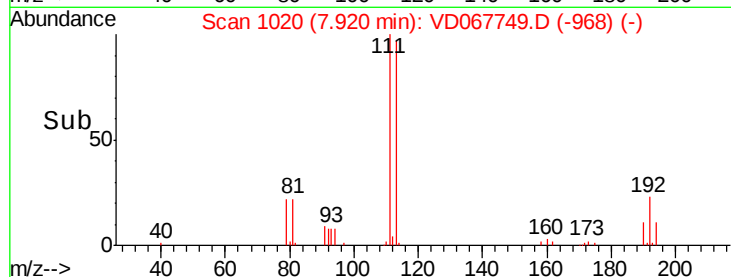
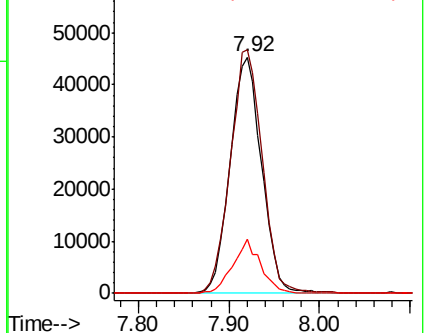
192 20.3 17.0 25.4



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: 5.246 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. -0.13 min

Lab File: VD067749.D

Acq: 23 Nov 2020 16:48

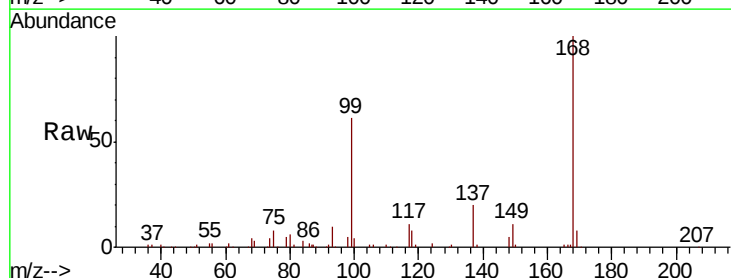
Tgt Ion: 75 Resp: 15446

Ion Ratio Lower Upper

75 100

110 10.8 20.1 60.2#

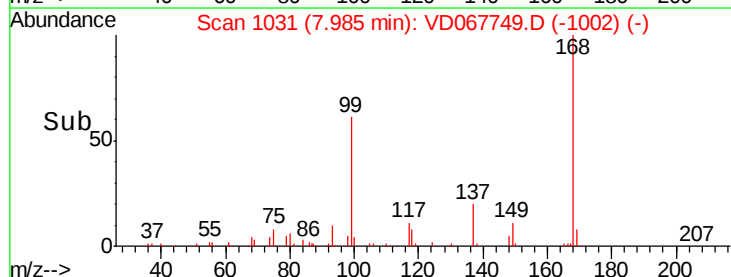
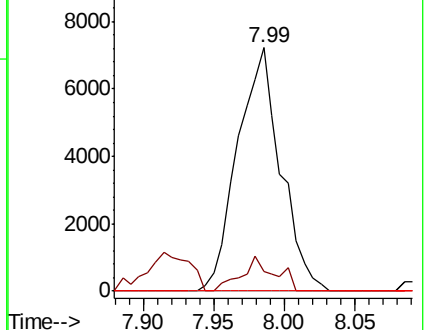
77 0.0 24.8 37.2#

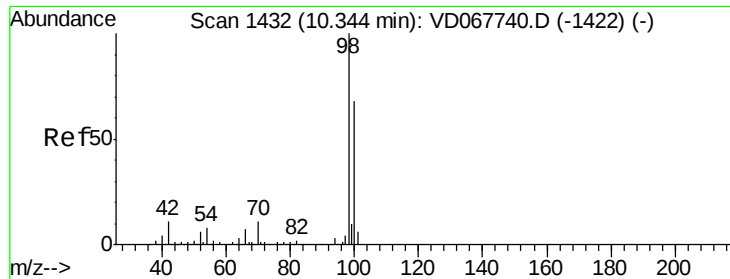


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#50

Toluene-d8

Concen: 49.188 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067749.D

Acq: 23 Nov 2020 16:48

Instrument :

MSVOA_D

ClientSampleId :

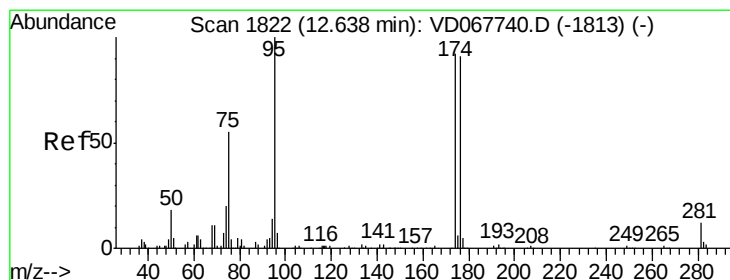
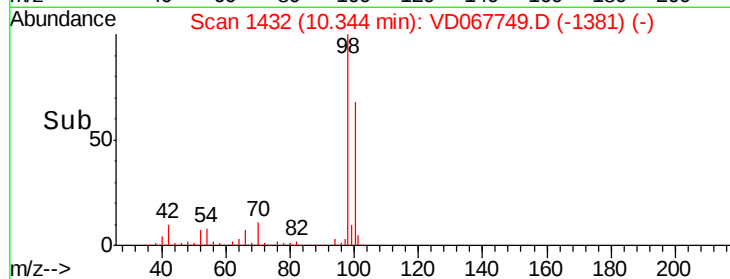
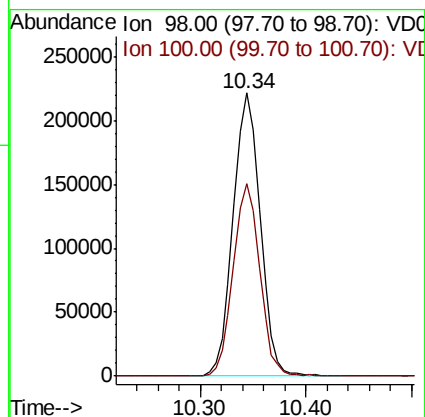
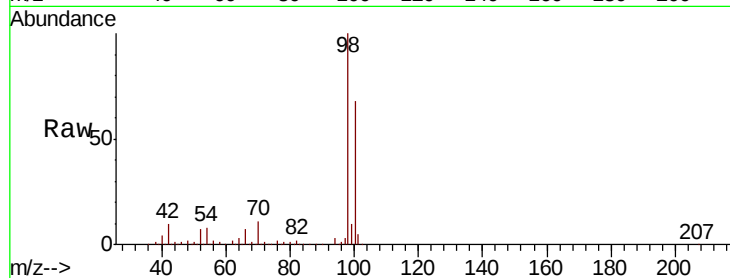
SL-01

Tot Ion: 98 Resp: 392697

Ion Ratio Lower Upper

98 100

100 67.0 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 56.147 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067749.D

Acq: 23 Nov 2020 16:48

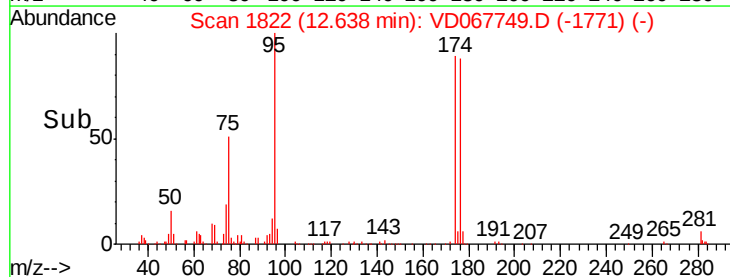
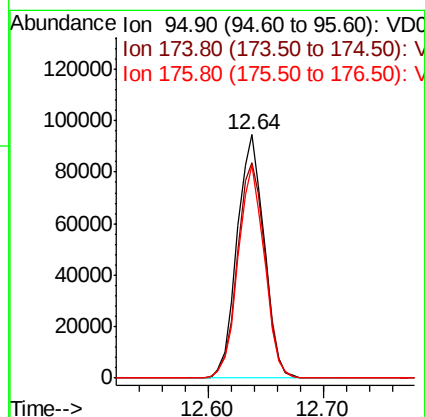
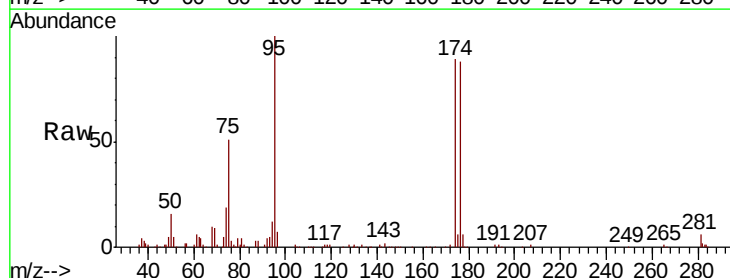
Tgt Ion: 95 Resp: 153217

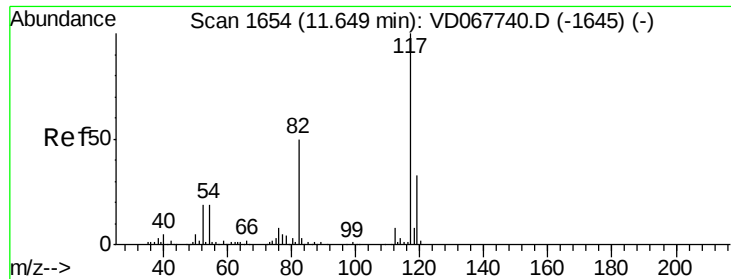
Ion Ratio Lower Upper

95 100

174 90.6 0.0 182.4

176 85.4 0.0 178.2

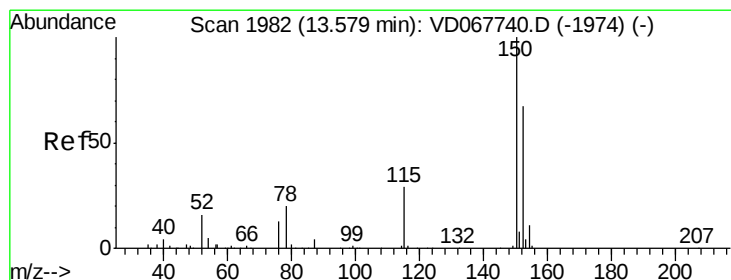
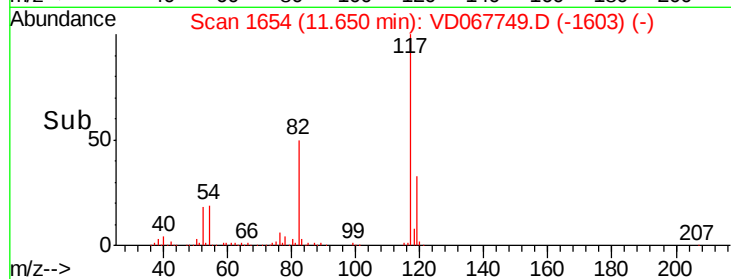
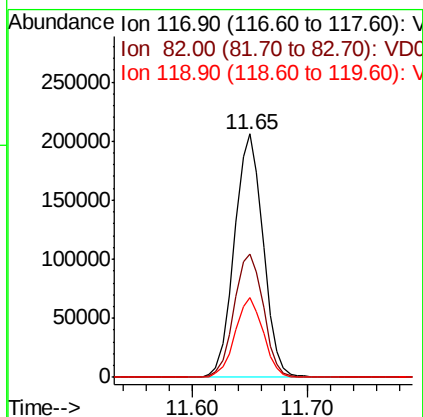
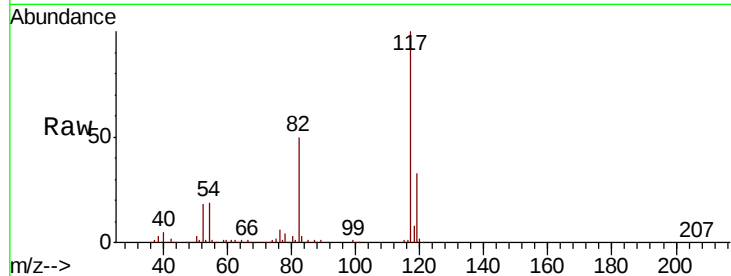




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067749.D
Acq: 23 Nov 2020 16:48

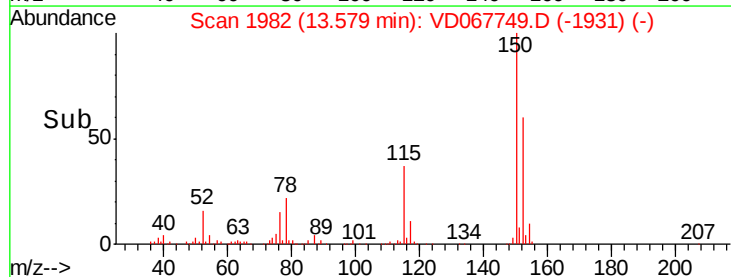
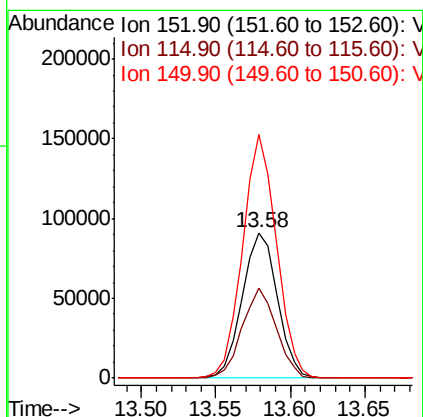
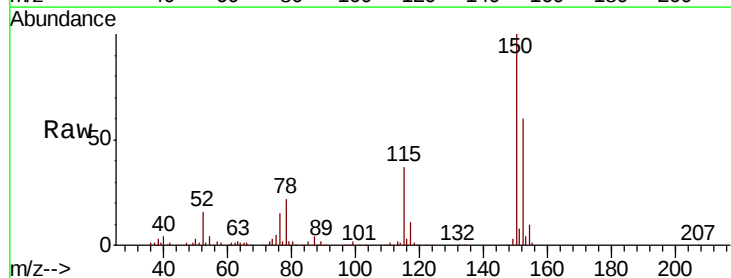
Instrument :
MSVOA_D
ClientSampled :
SL-01

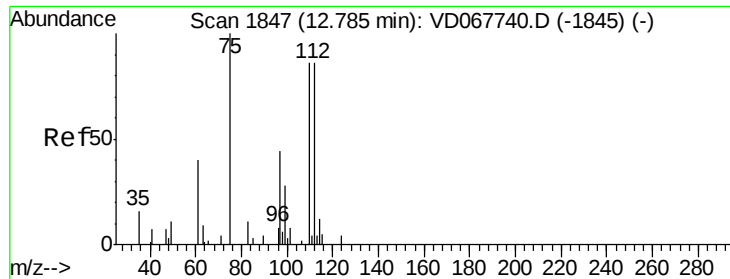
Tot Ion:117 Resp: 355262
Ion Ratio Lower Upper
117 100
82 50.4 40.2 60.4
119 32.8 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067749.D
Acq: 23 Nov 2020 16:48

Tgt Ion:152 Resp: 148351
Ion Ratio Lower Upper
152 100
115 60.4 29.4 88.3
150 161.1 0.0 340.6





#76

1,2,3-Trichloropropane

Concen: 76.834 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD067749.D

Acq: 23 Nov 2020 16:48

Instrument :

MSVOA_D

ClientSampled :

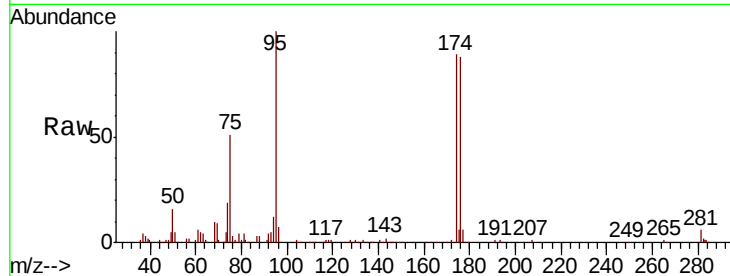
SL-01

Tot Ion: 75 Resp: 79441

Ion Ratio Lower Upper

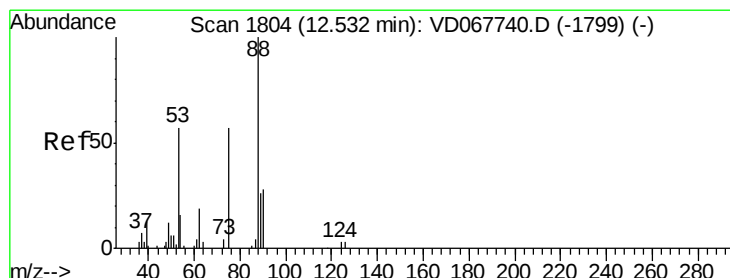
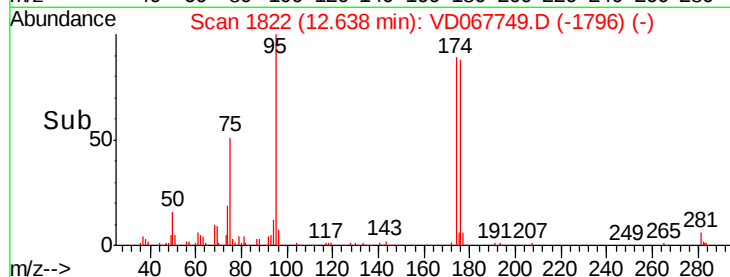
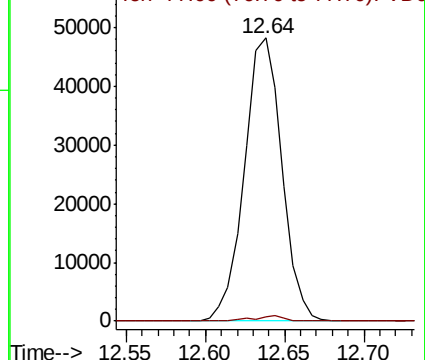
75 100

77 1.6 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: 179.708 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067749.D

Acq: 23 Nov 2020 16:48

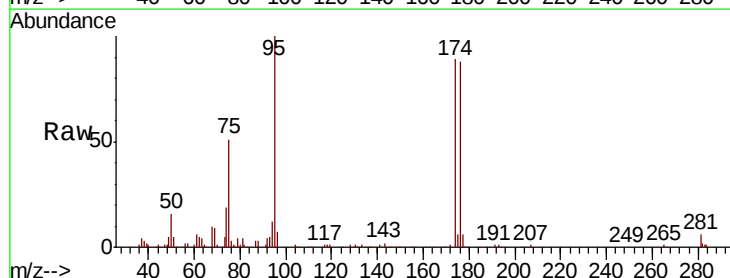
Tgt Ion: 75 Resp: 79441

Ion Ratio Lower Upper

75 100

53 0.0 76.0 114.0#

89 0.0 40.2 60.4#



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

