

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112020\
 Data File : VD067730.D
 Acq On : 20 Nov 2020 17:42
 Operator : VA/SY
 Sample : L4592-01
 Misc : 6.24G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 21 00:41:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

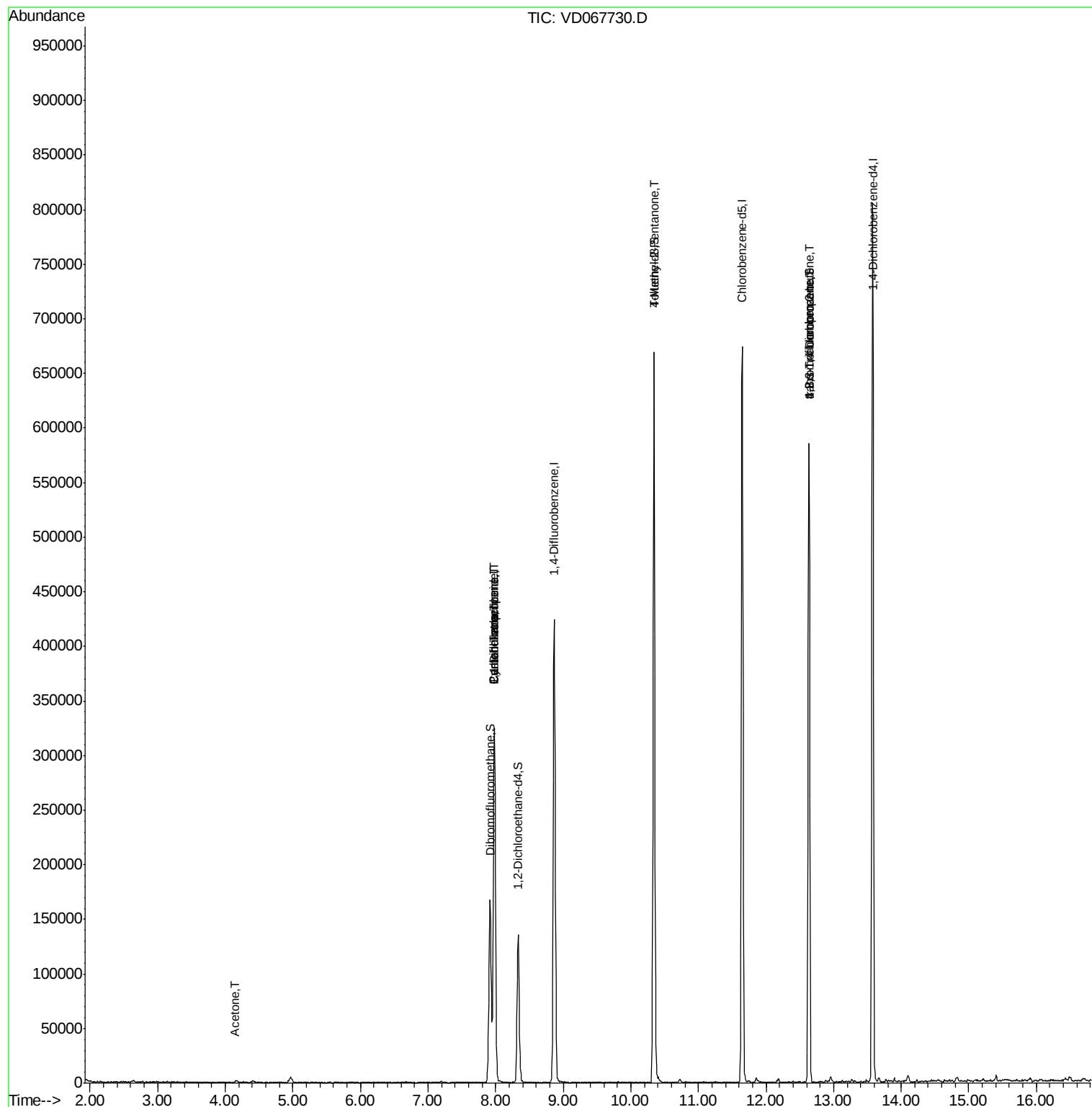
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	249986	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	375477	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	415938	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	221743	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	123187	56.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.72%	
35) Dibromofluoromethane	7.91	113	118577	52.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.84%	
50) Toluene-d8	10.34	98	454035	57.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.22%	
62) 4-Bromofluorobenzene	12.64	95	185717	67.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	135.32%	
Target Compounds						
					Qvalue	
16) Acetone	4.16	43	2818	8.615	ug/l #	80
31) Cyclohexane	7.98	56	5300	1.672	ug/l #	28
36) 1,1-Dichloropropene	7.98	75	17144	5.334	ug/l #	50
38) Carbon Tetrachloride	7.98	117	26443	6.332	ug/l #	15
51) 4-Methyl-2-Pentanone	10.34	43	1853	2.348	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	99610	74.465	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	99610	151.183	ug/l #	10

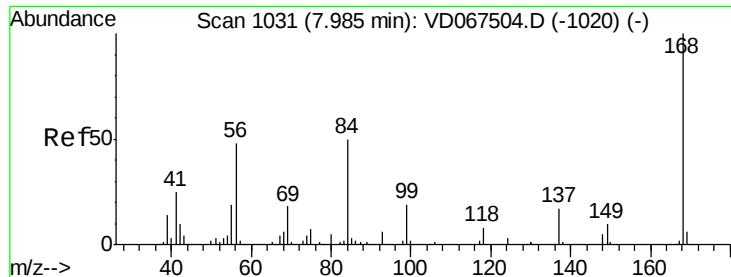
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD112020\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 00:56:28 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: VD067730.D

Acq: 20 Nov 2020 17:42

Instrument :

MSVOA_D

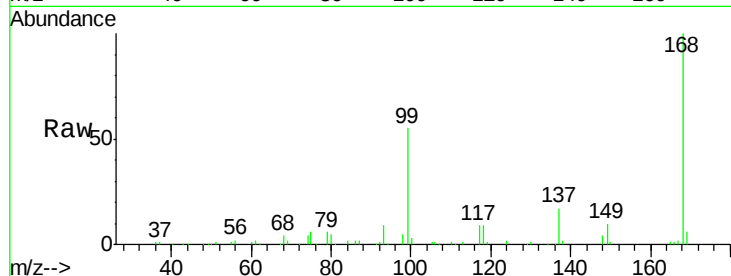
ClientSampleId :

Tot Ion:168 Resp: 249986

Ion Ratio Lower Upper

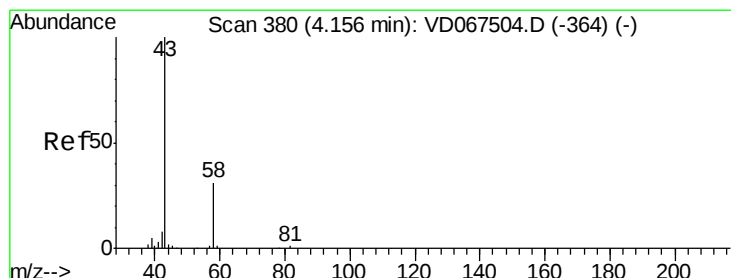
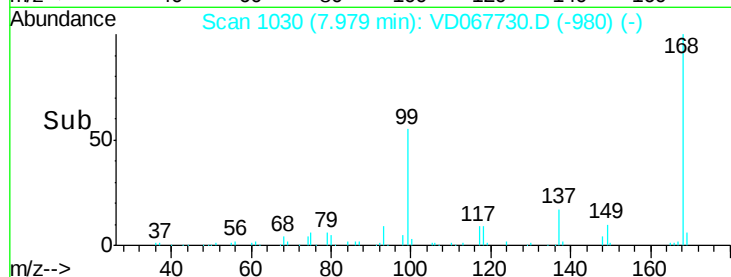
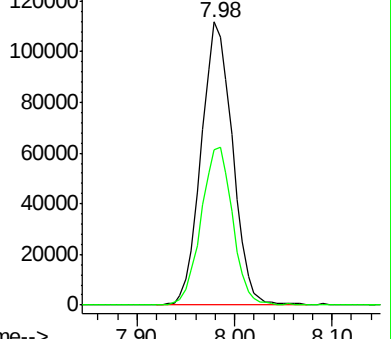
168 100

99 55.0 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 8.615 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD067730.D

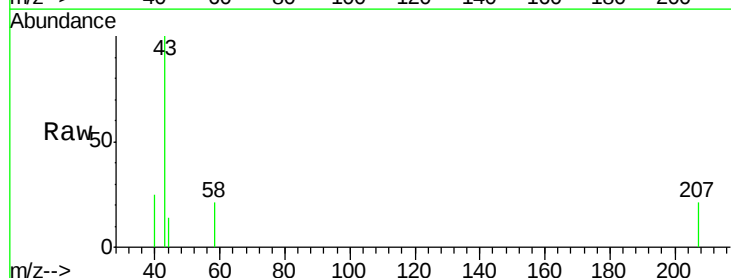
Acq: 20 Nov 2020 17:42

Tgt Ion: 43 Resp: 2818

Ion Ratio Lower Upper

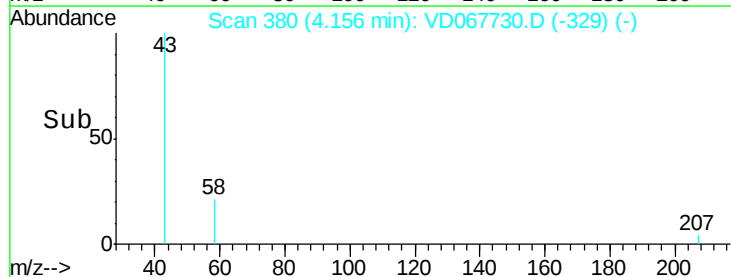
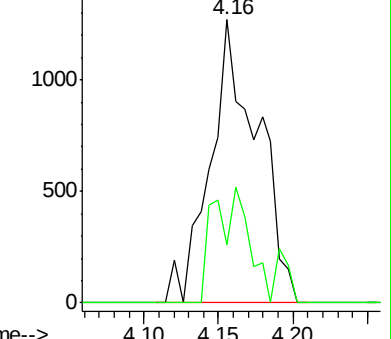
43 100

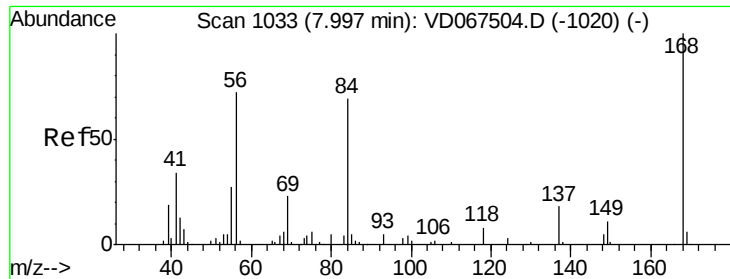
58 20.6 25.2 37.8#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

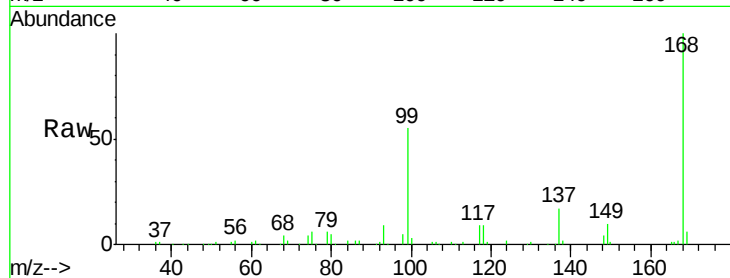




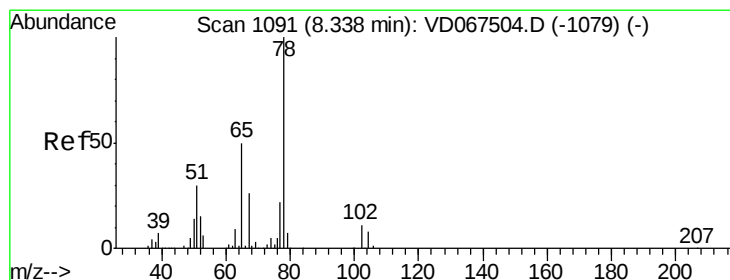
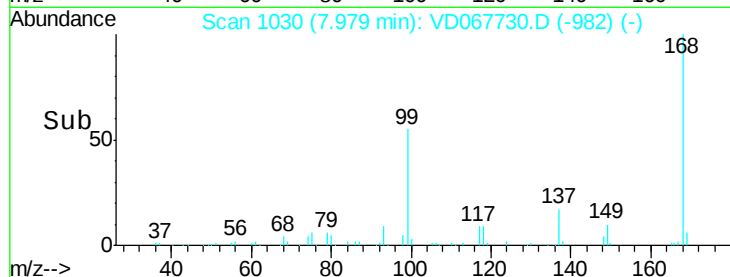
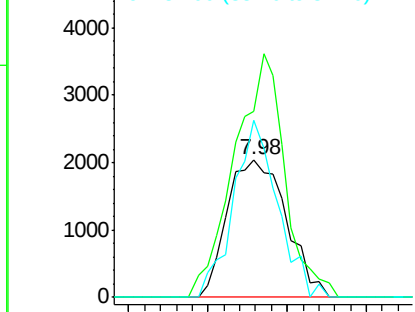
#31
Cyclohexane
Concen: 1.672 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.02 min
Lab File: VD067730.D
Acq: 20 Nov 2020 17:42

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 56 Resp: 5300
Ion Ratio Lower Upper
56 100
69 134.7 25.9 38.9#
84 128.8 76.2 114.4#

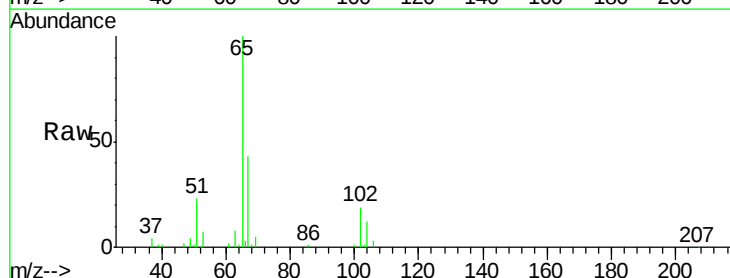


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

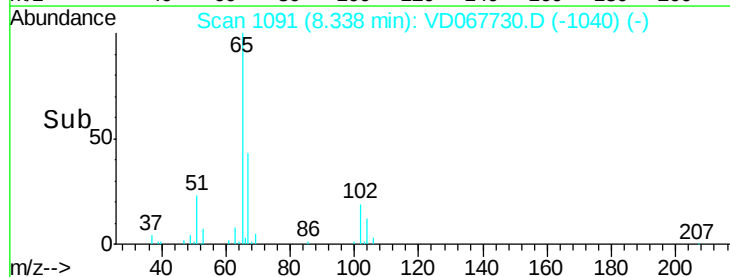
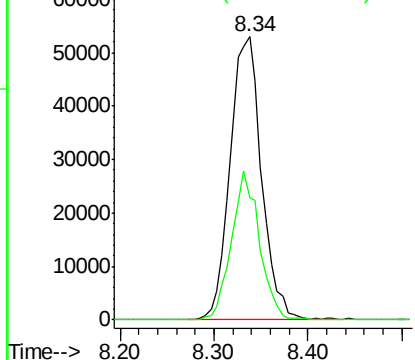


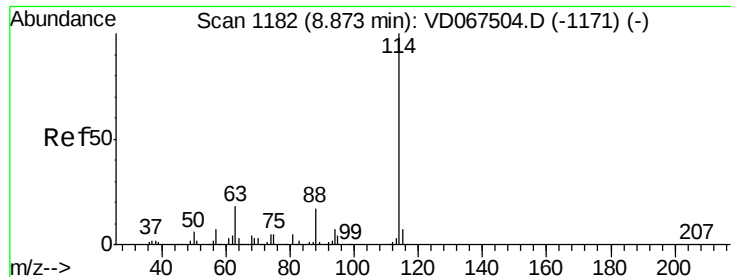
#33
1,2-Dichloroethane-d4
Concen: 56.357 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. -0.00 min
Lab File: VD067730.D
Acq: 20 Nov 2020 17:42

Tgt Ion: 65 Resp: 123187
Ion Ratio Lower Upper
65 100
67 46.8 0.0 99.4



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

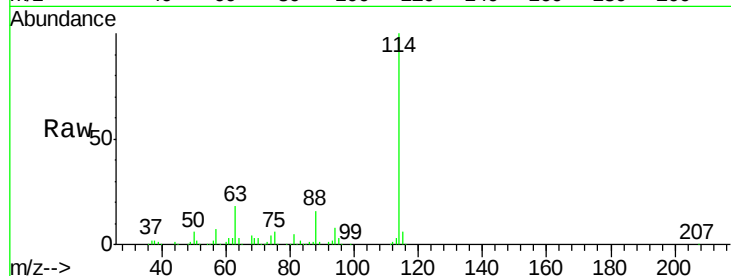




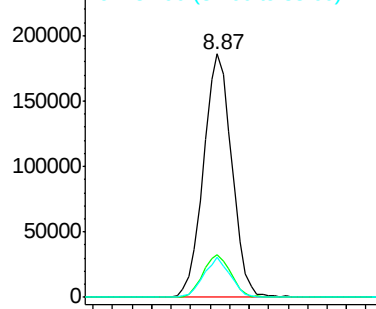
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.01 min
Lab File: VD067730.D
Acq: 20 Nov 2020 17:42

Instrument :
MSVOA_D
ClientSampleId :

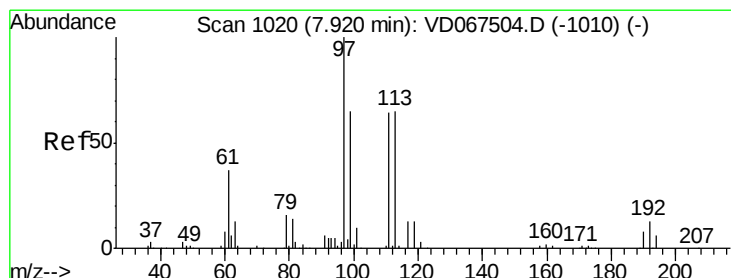
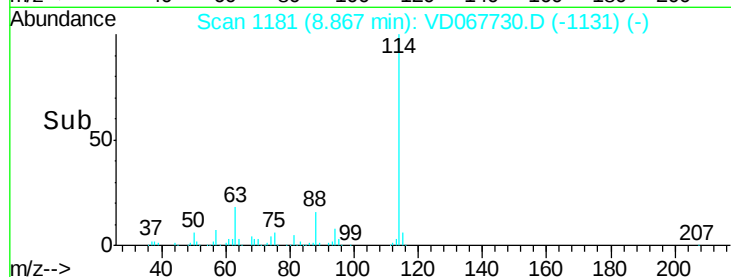
Tot Ion:114 Resp: 375477
Ion Ratio Lower Upper
114 100
63 17.8 0.0 35.0
88 16.2 0.0 33.0



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

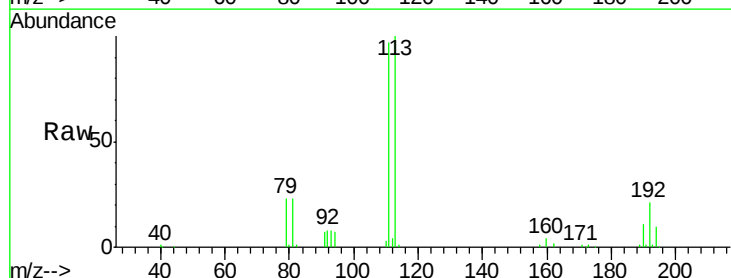


Time-->

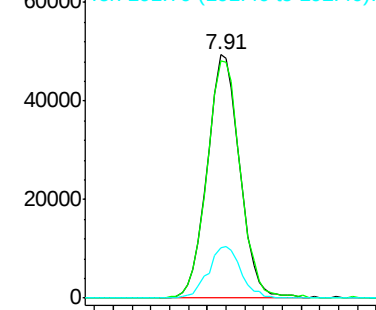


#35
Dibromofluoromethane
Concen: 52.416 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.01 min
Lab File: VD067730.D
Acq: 20 Nov 2020 17:42

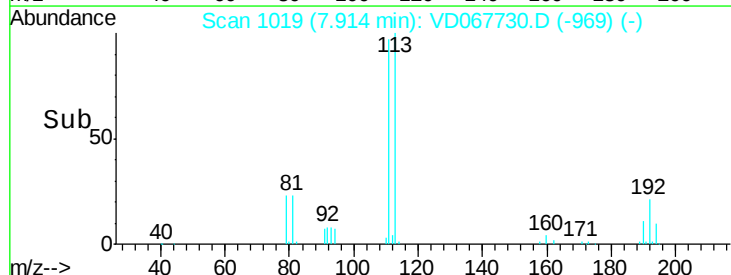
Tgt Ion:113 Resp: 118577
Ion Ratio Lower Upper
113 100
111 100.2 80.0 120.0
192 21.1 16.3 24.5

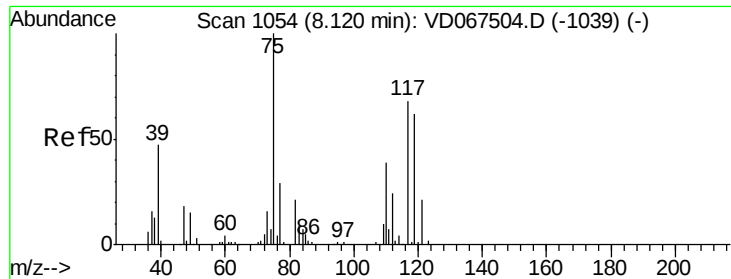


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



Time-->

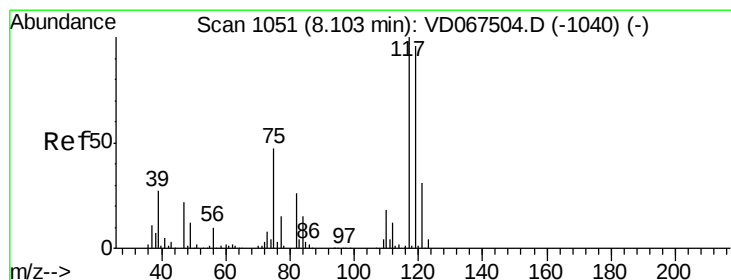
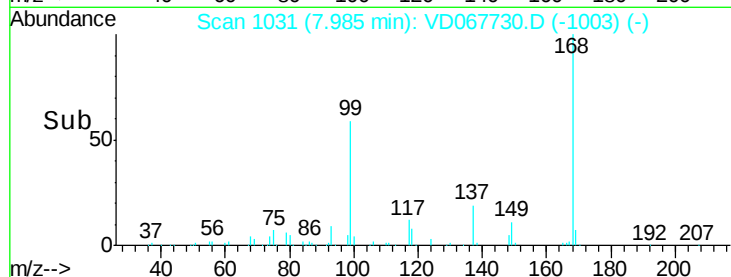
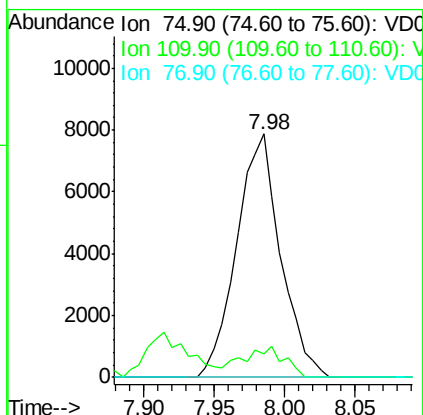
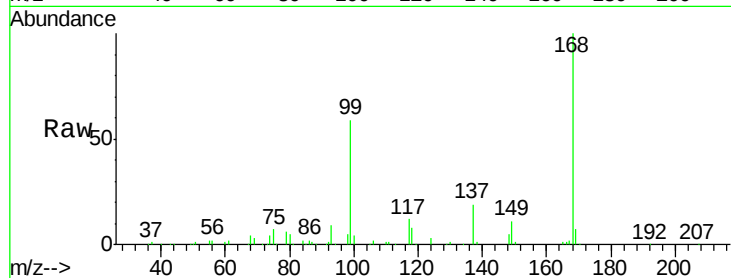




#36
 1,1-Dichloropropene
 Concen: 5.334 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.14 min
 Lab File: VD067730.D
 Acq: 20 Nov 2020 17:42

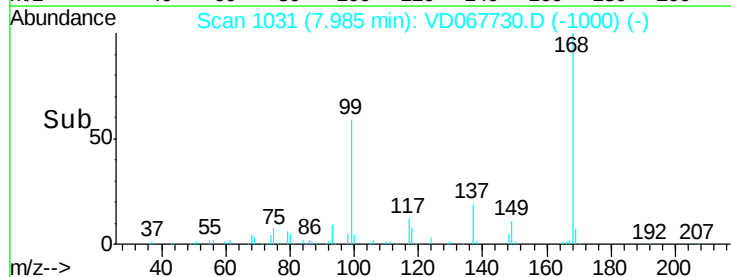
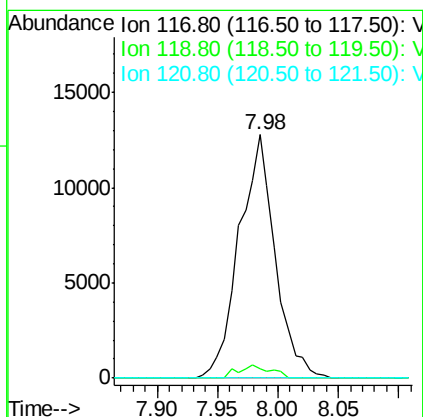
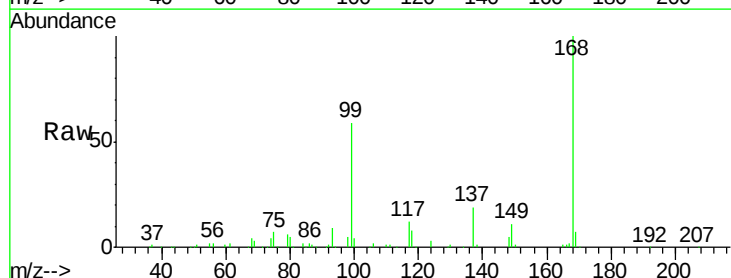
Instrument :
 MSVOA_D
 ClientSampleID :

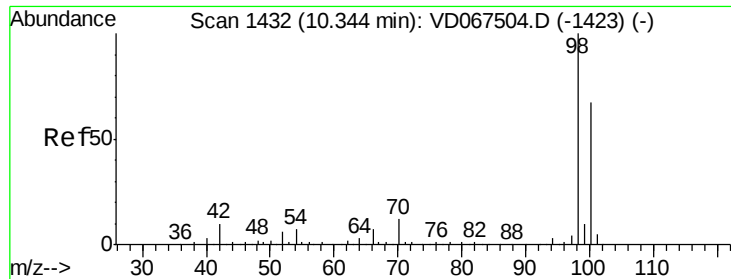
Tot Ion: 75 Resp: 17144
 Ion Ratio Lower Upper
 75 100
 110 11.8 19.9 59.7#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 6.332 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.12 min
 Lab File: VD067730.D
 Acq: 20 Nov 2020 17:42

Tgt Ion: 117 Resp: 26443
 Ion Ratio Lower Upper
 117 100
 119 3.9 76.9 115.3#
 121 0.0 24.5 36.7#





#50

Toluene-d8

Concen: 57.111 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD067730.D

Acq: 20 Nov 2020 17:42

Instrument :

MSVOA_D

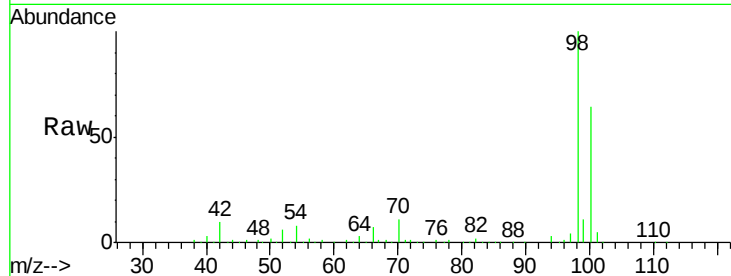
ClientSampleId :

Tot Ion: 98 Resp: 454035

Ion Ratio Lower Upper

98 100

100 65.2 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

250000

200000

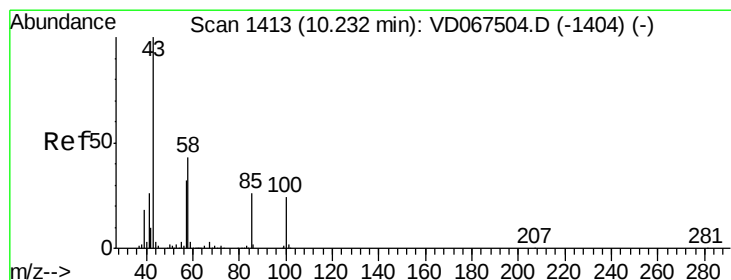
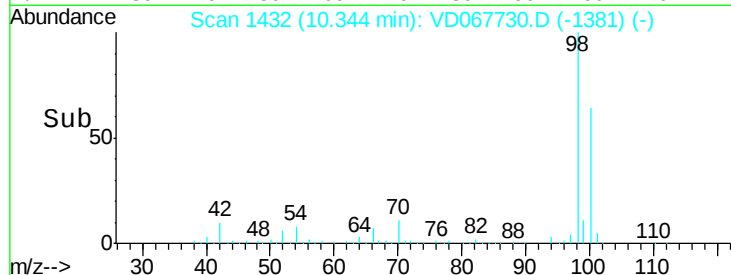
150000

100000

50000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 2.348 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.11 min

Lab File: VD067730.D

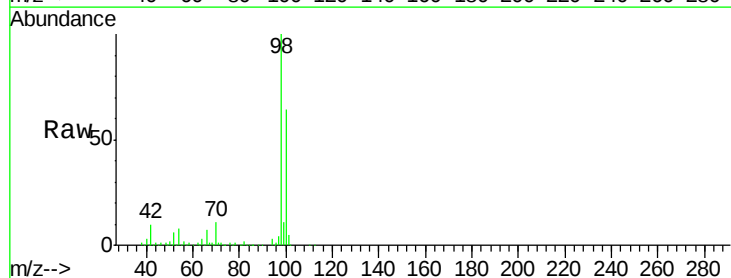
Acq: 20 Nov 2020 17:42

Tgt Ion: 43 Resp: 1853

Ion Ratio Lower Upper

43 100

58 163.1 35.6 53.4#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

10.34

2000

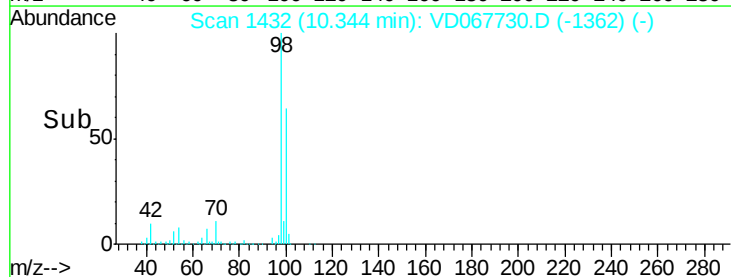
1500

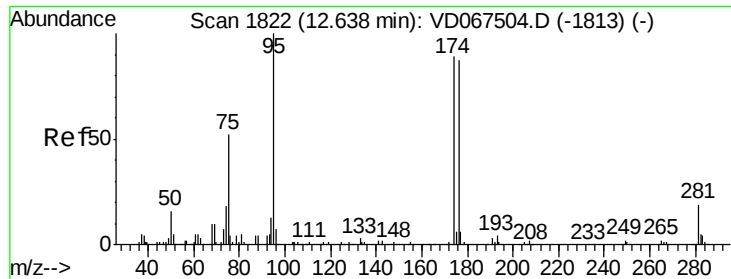
1000

500

0

Time-->

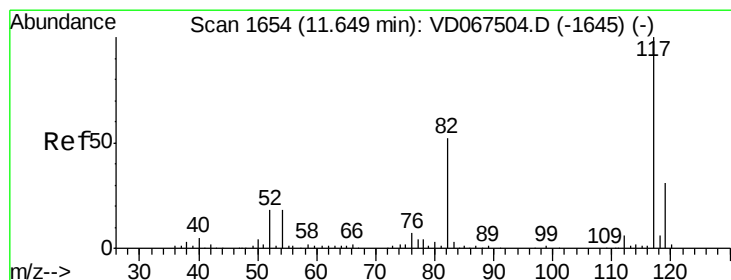
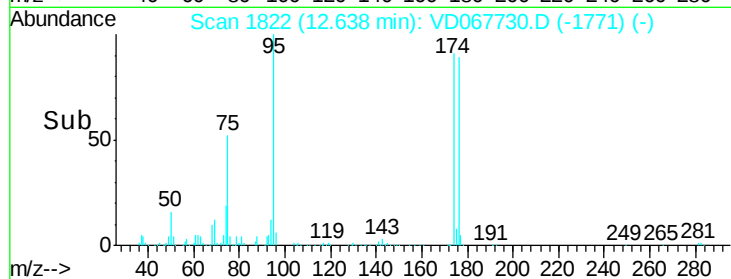
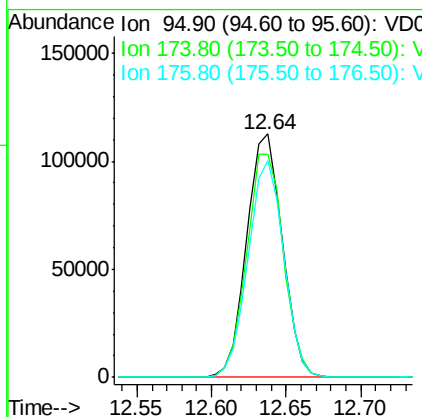
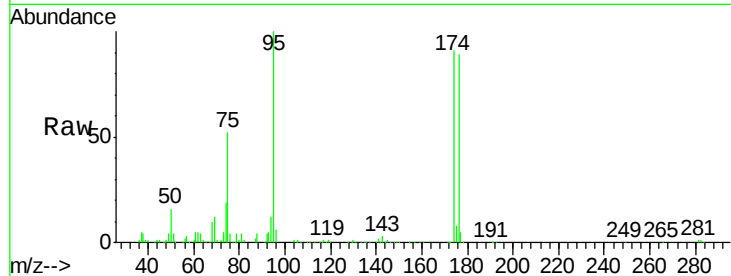




#62
4-Bromofluorobenzene
Concen: 67.663 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD067730.D
Acq: 20 Nov 2020 17:42

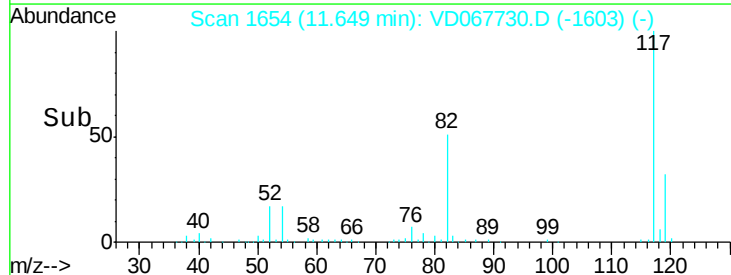
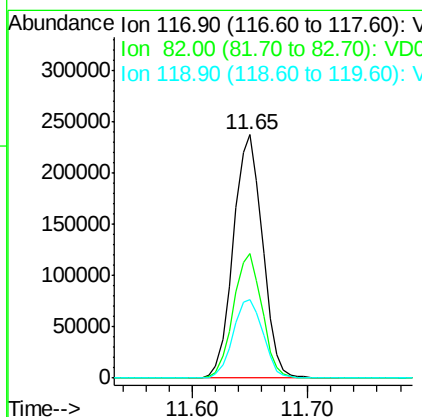
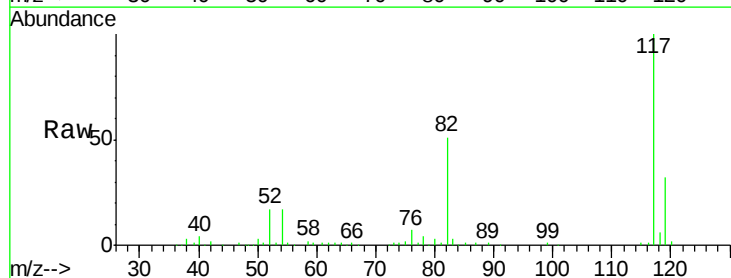
Instrument :
MSVOA_D
ClientSampleId :

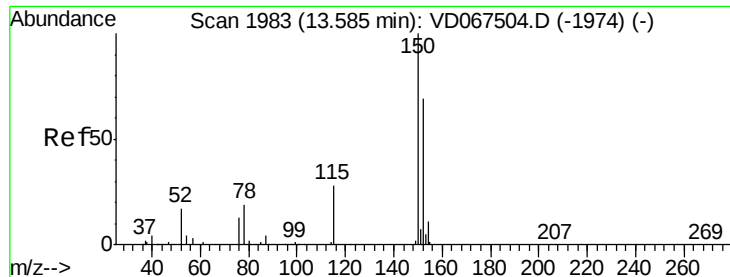
Tot Ion: 95 Resp: 185717
Ion Ratio Lower Upper
95 100
174 94.8 0.0 177.8
176 89.0 0.0 172.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067730.D
Acq: 20 Nov 2020 17:42

Tgt Ion: 117 Resp: 415938
Ion Ratio Lower Upper
117 100
82 51.0 41.6 62.4
119 32.0 25.1 37.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.01 min

Lab File: VD067730.D

Acq: 20 Nov 2020 17:42

Instrument :

MSVOA_D

ClientSampled :

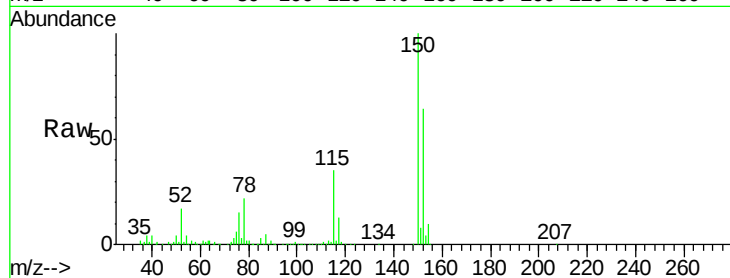
Tot Ion:152 Resp: 221743

Ion Ratio Lower Upper

152 100

115 57.5 29.3 88.0

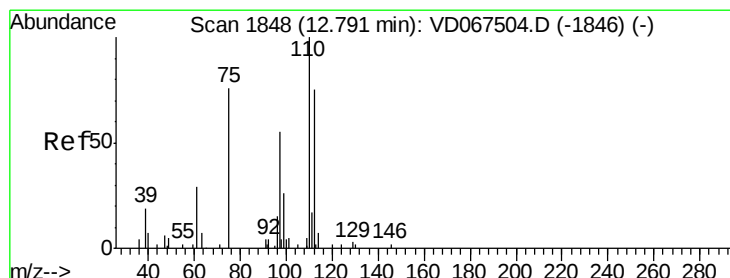
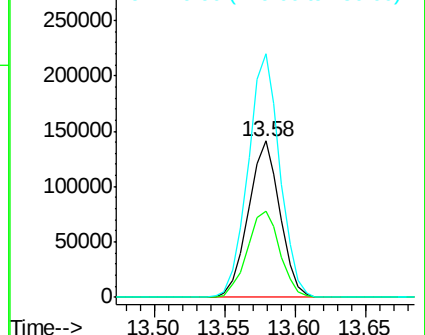
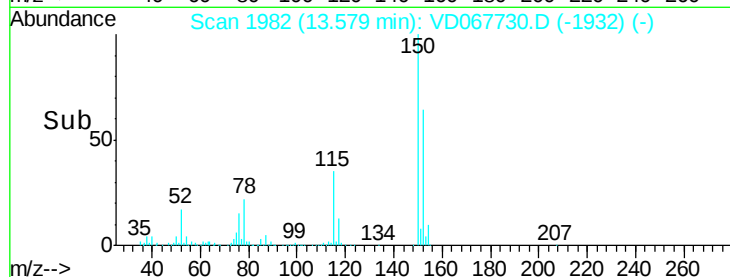
150 156.7 0.0 338.2



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: 74.465 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD067730.D

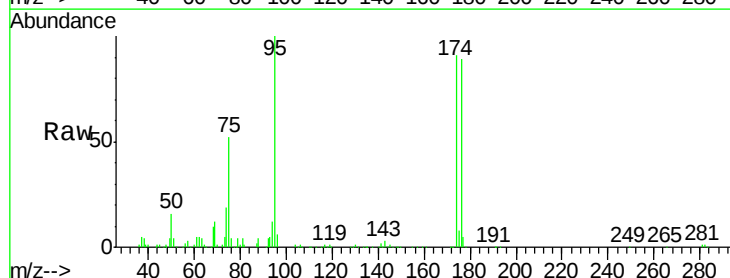
Acq: 20 Nov 2020 17:42

Tgt Ion: 75 Resp: 99610

Ion Ratio Lower Upper

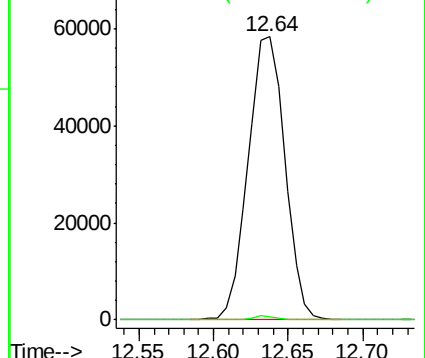
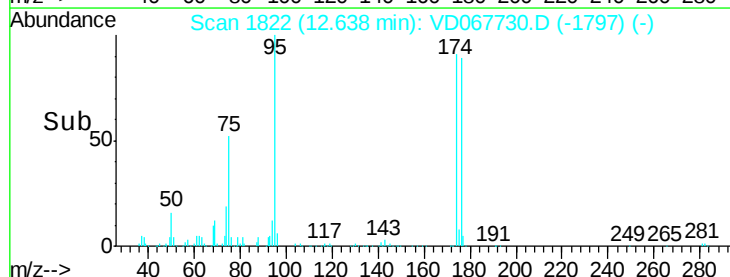
75 100

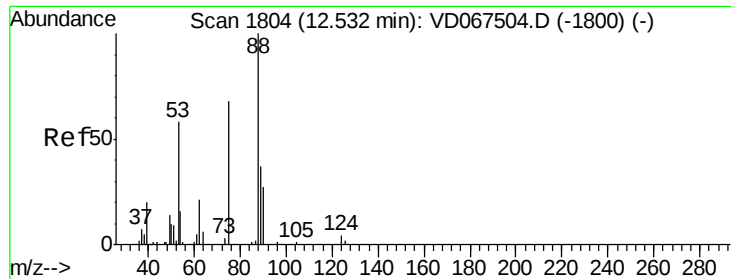
77 0.8 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 151.183 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067730.D

Acq: 20 Nov 2020 17:42

Instrument :

MSVOA_D

ClientSampleId :

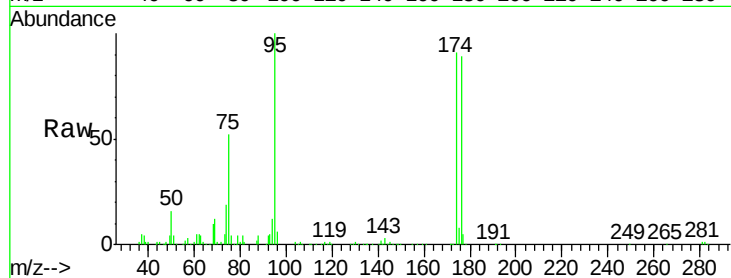
Tot Ion: 75 Resp: 99610

Ion Ratio Lower Upper

75 100

53 0.0 75.9 113.9#

89 0.0 44.6 67.0#



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

