

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111120\
 Data File : VD067592.D
 Acq On : 11 Nov 2020 10:26
 Operator : VA/SY
 Sample : VD1111SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1111SBL01

Quant Time: Nov 12 00:07:18 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

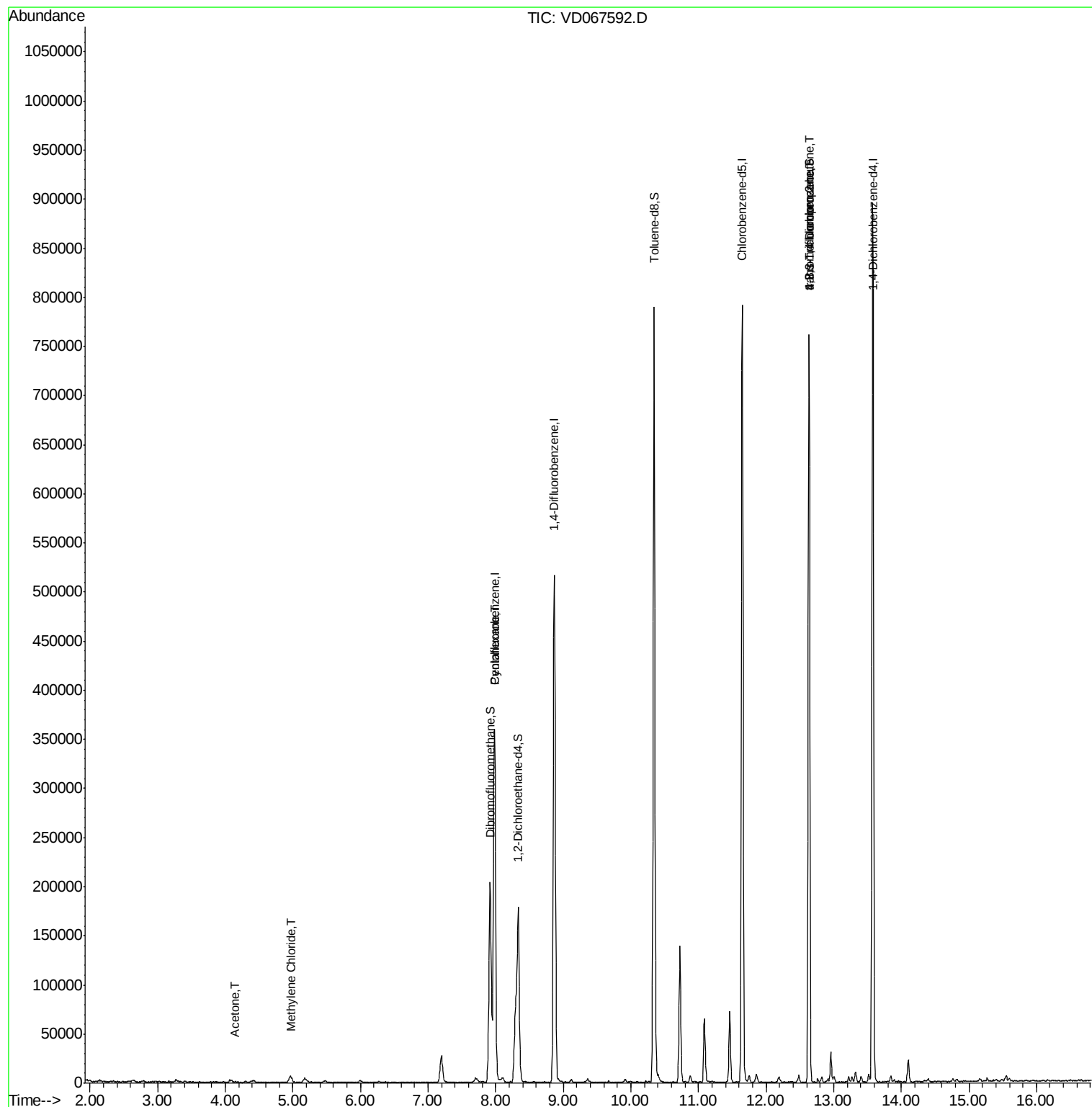
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	279056	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	472635	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	479010	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	246202	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	142140	58.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.50%	
35) Dibromofluoromethane	7.92	113	148105	52.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.02%	
50) Toluene-d8	10.34	98	538083	53.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.54%	
62) 4-Bromofluorobenzene	12.64	95	213079	61.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.34%	
Target Compounds						
2) Dichlorodifluoromethane	1.99	85	1344	Below Cal		93
11) Tert butyl alcohol	5.17	59	2014	Below Cal	#	79
16) Acetone	4.15	43	961	2.632	ug/l #	43
20) Methylene Chloride	4.97	84	5768	2.236	ug/l #	75
31) Cyclohexane	7.98	56	6379	1.803	ug/l #	51
76) 1,2,3-Trichloropropane	12.64	75	108827	73.273	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	108827	148.763	ug/l #	10

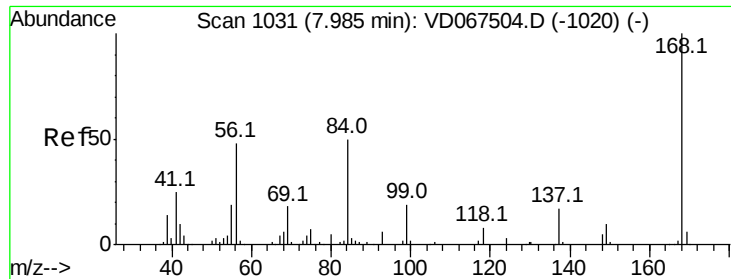
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111120\
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Quant Time: Nov 12 00:07:18 2020
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# 1031

Delta R.T. -0.00 min

Lab File: VD067592.D

Acq: 11 Nov 2020 10:26

Instrument :

MSVOA_D

ClientSampleId :

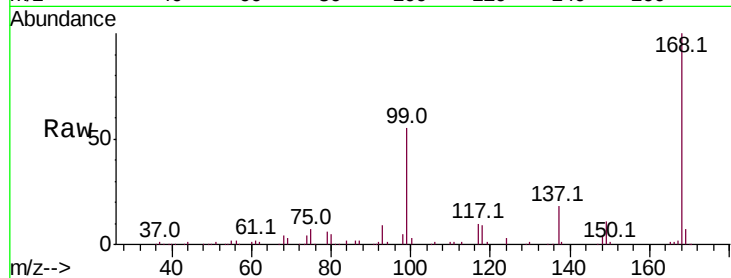
VD1111SBL01

Tot Ion:168 Resp: 279056

Ion Ratio Lower Upper

168 100

99 54.8 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

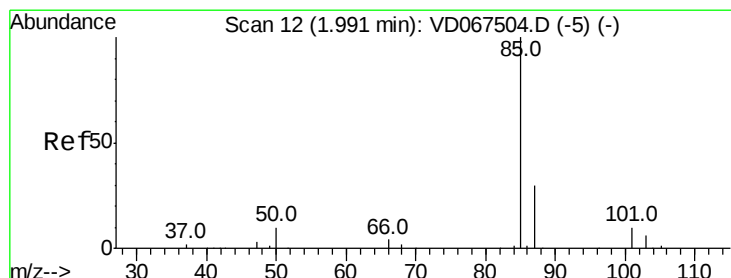
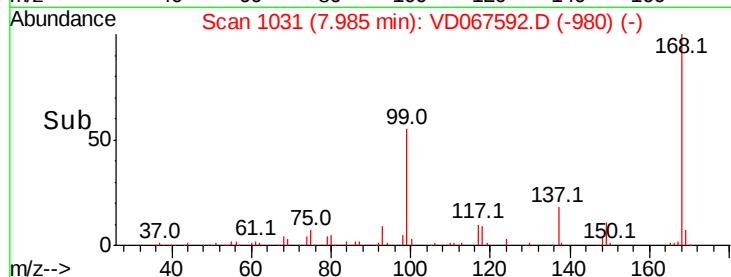
100000

50000

0

Time-->

7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD067592.D

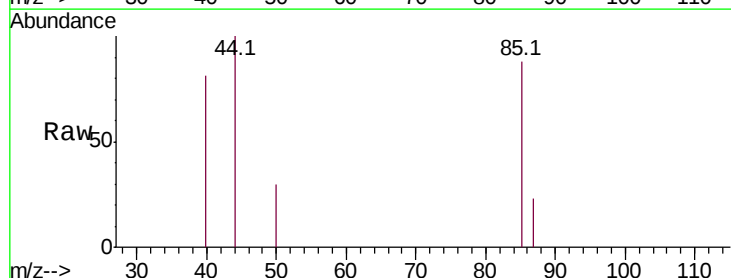
Acq: 11 Nov 2020 10:26

Tgt Ion: 85 Resp: 1344

Ion Ratio Lower Upper

85 100

87 26.8 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

1000

800

600

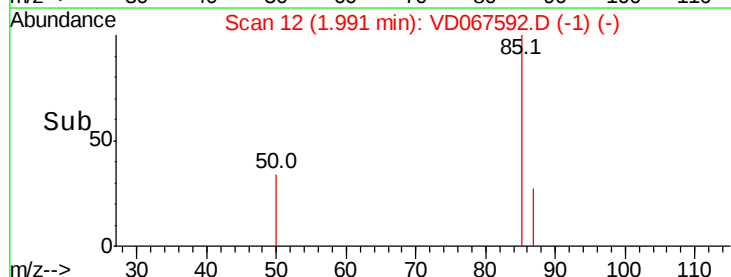
400

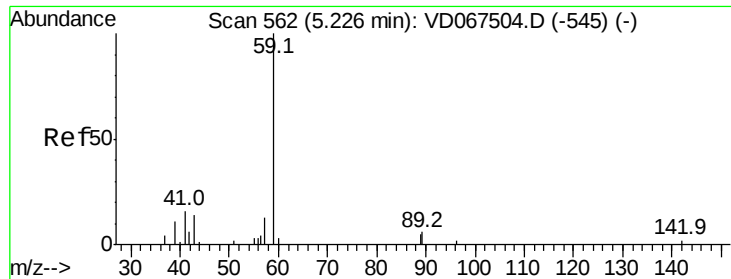
200

0

Time-->

1.95 2.00 2.05

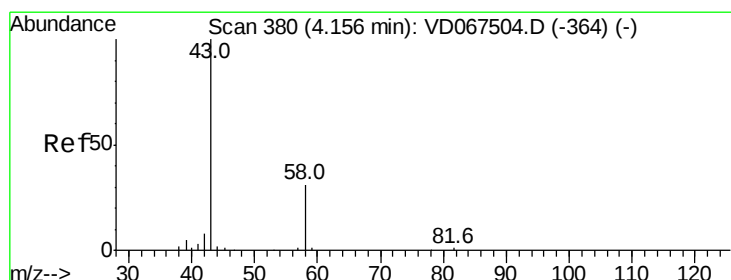
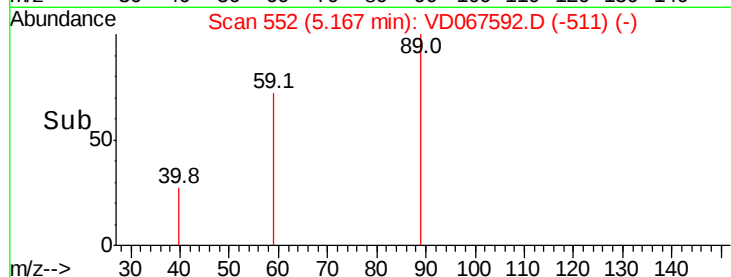
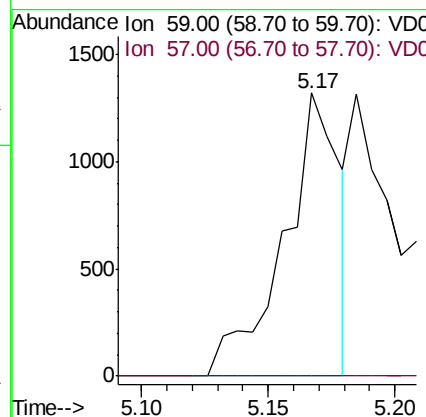
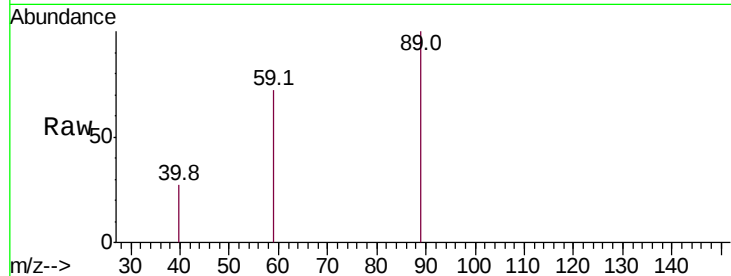




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.17 min Scan# 552
Delta R.T. -0.06 min
Lab File: VD067592.D
Acq: 11 Nov 2020 10:26

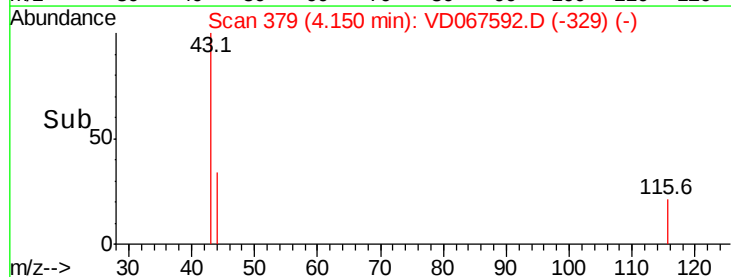
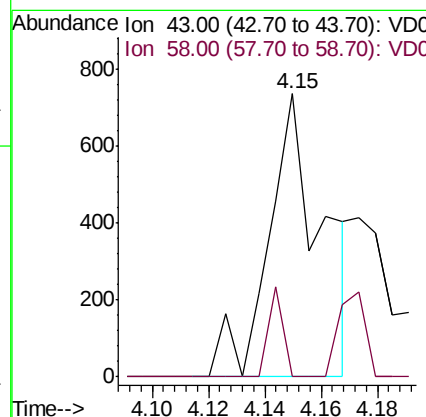
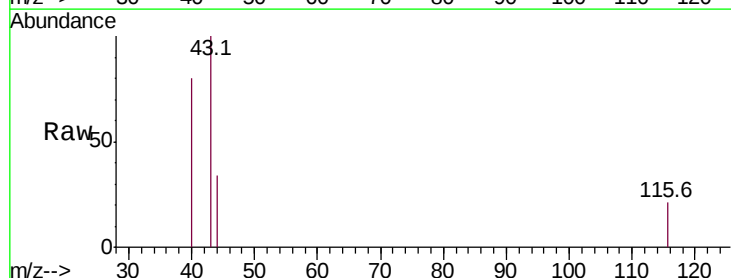
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBL01

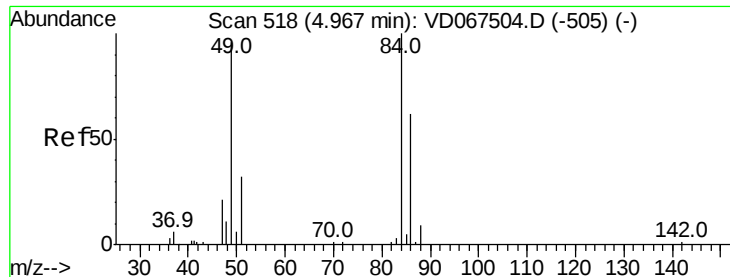
Tot Ion: 59 Resp: 2014
Ion Ratio Lower Upper
59 100
57 0.0 5.9 8.9#



#16
Acetone
Concen: 2.632 ug/l
RT: 4.15 min Scan# 379
Delta R.T. -0.01 min
Lab File: VD067592.D
Acq: 11 Nov 2020 10:26

Tgt Ion: 43 Resp: 961
Ion Ratio Lower Upper
43 100
58 0.0 25.2 37.8#





#20

Methvlene Chloride

Concen: 2.236 ug/l

RT: 4.97 min Scan# 519

Delta R.T. 0.01 min

Lab File: VD067592.D

Acq: 11 Nov 2020 10:26

Instrument :

MSVOA_D

ClientSampleId :

VD1111SBL01

Tot Ion: 84 Resp: 5768

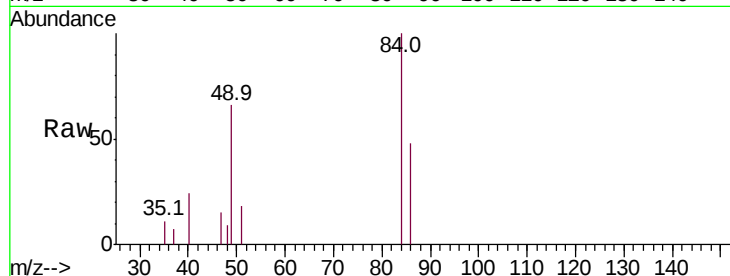
Ion Ratio Lower Upper

84 100

49 66.2 77.0 115.4#

51 18.1 25.4 38.2#

86 48.3 49.4 74.0#

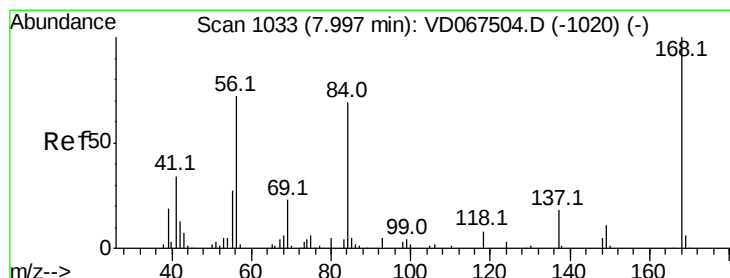
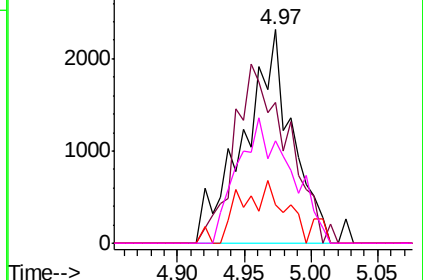
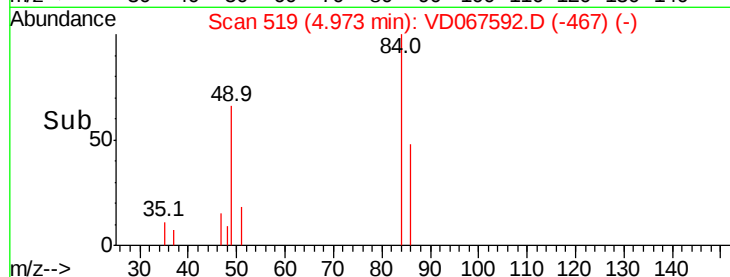


Abundance Ion 83.90 (83.60 to 84.60): VDC

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: 1.803 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.01 min

Lab File: VD067592.D

Acq: 11 Nov 2020 10:26

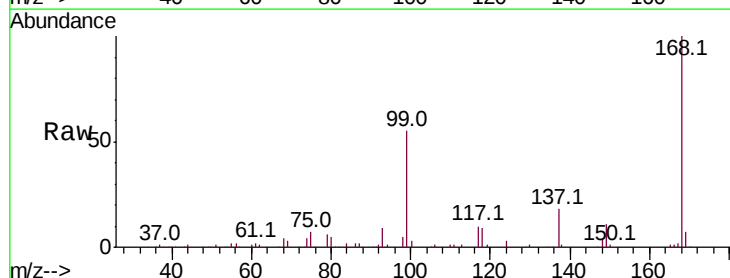
Tgt Ion: 56 Resp: 6379

Ion Ratio Lower Upper

56 100

69 130.0 25.9 38.9#

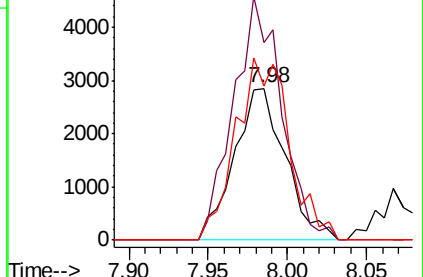
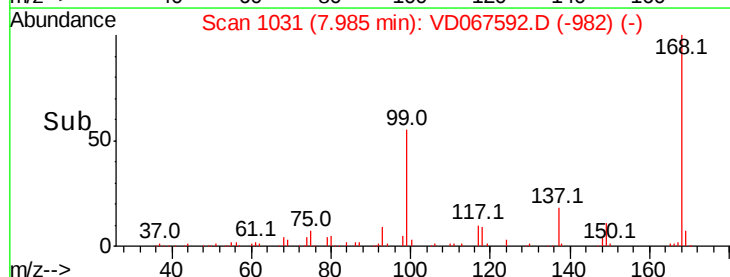
84 101.2 76.2 114.4

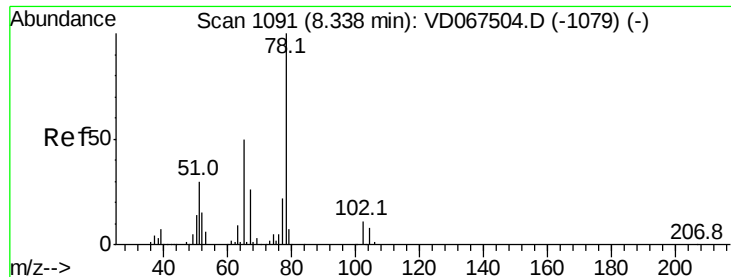


Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.00 (83.70 to 84.70): VDC





#33

1,2-Dichloroethane-d4

Concen: 58.253 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067592.D

Acq: 11 Nov 2020 10:26

Instrument :

MSVOA_D

ClientSampleId :

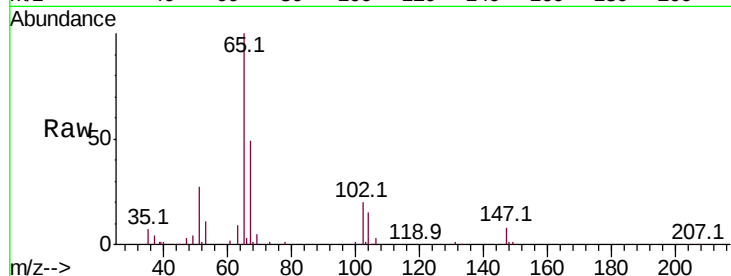
VD1111SBL01

Tot Ion: 65 Resp: 142140

Ion Ratio Lower Upper

65 100

67 49.6 0.0 99.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

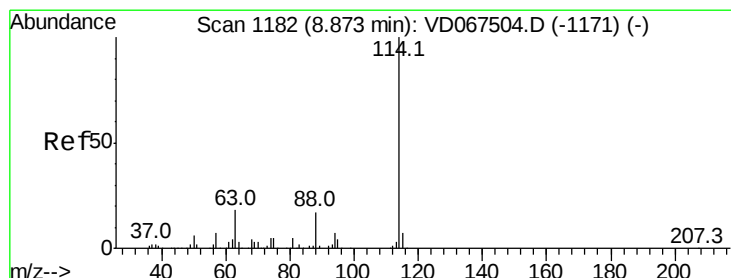
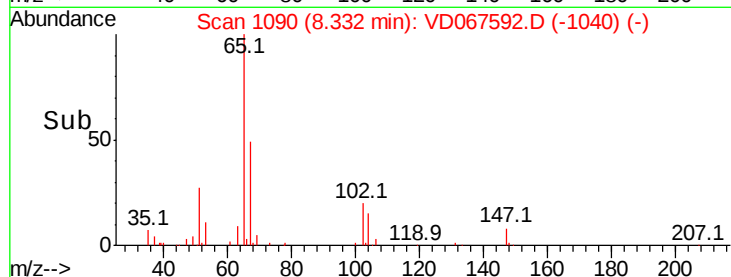
60000

40000

20000

0

Time--> 8.20 8.30 8.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VD067592.D

Acq: 11 Nov 2020 10:26

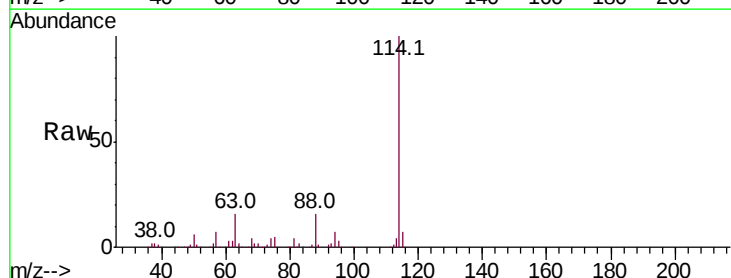
Tgt Ion: 114 Resp: 472635

Ion Ratio Lower Upper

114 100

63 16.5 0.0 35.0

88 15.6 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.87

300000

250000

200000

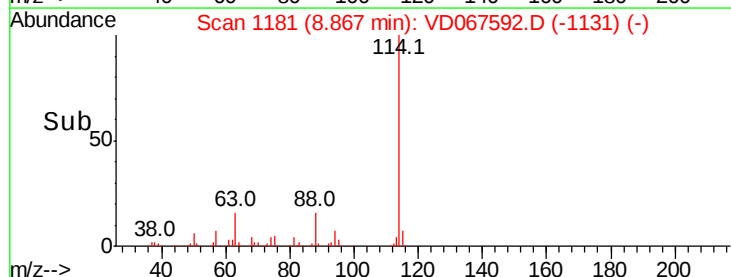
150000

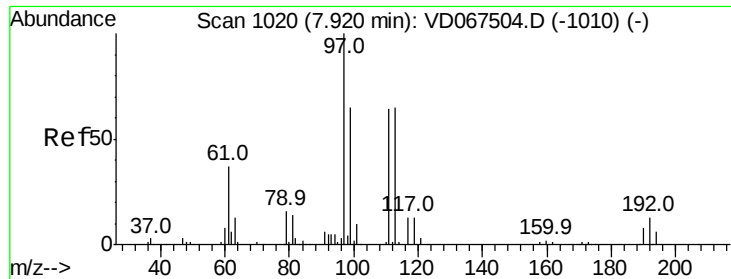
100000

50000

0

Time--> 8.80 8.90 9.00

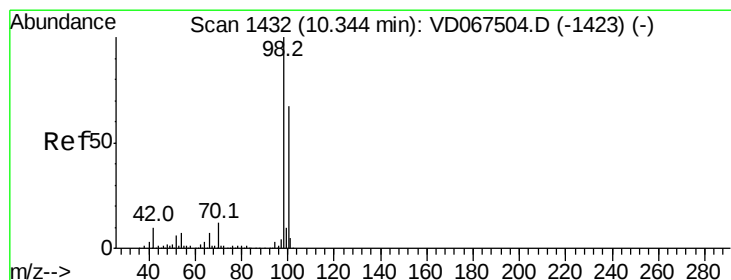
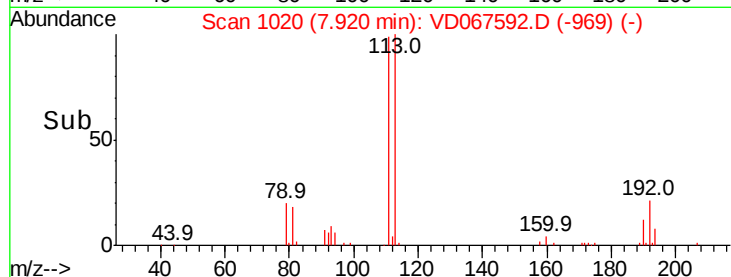
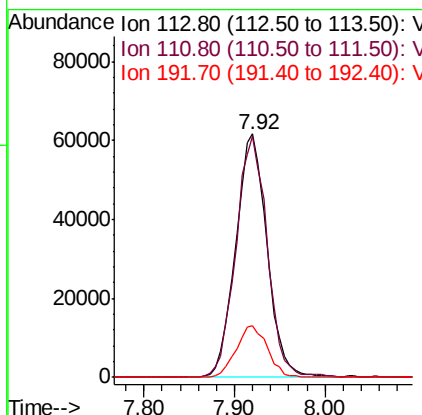
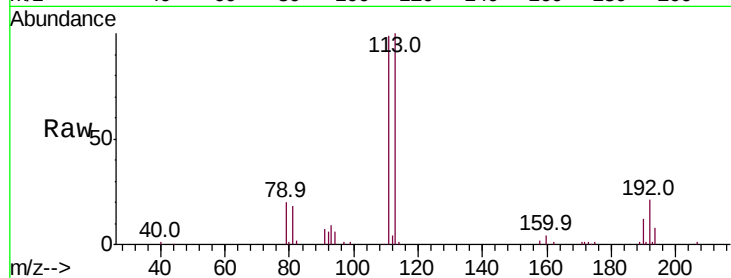




#35
 Dibromofluoromethane
 Concen: 52.010 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD067592.D
 Acq: 11 Nov 2020 10:26

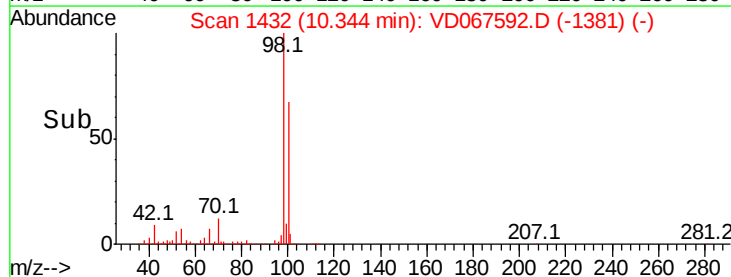
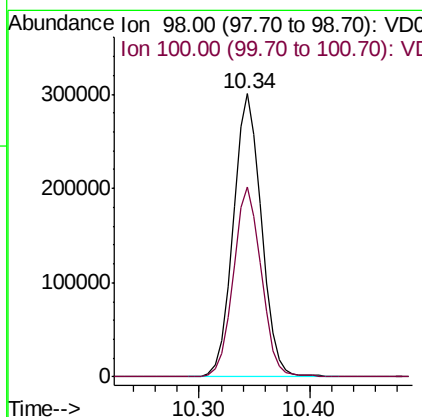
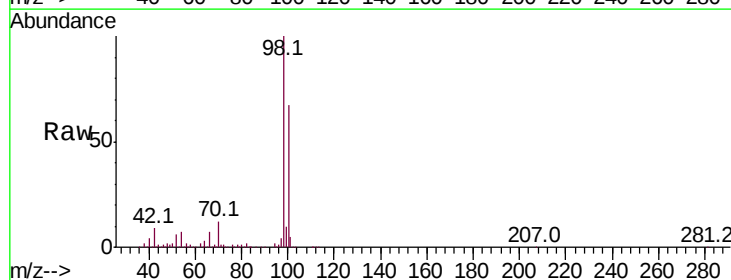
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1111SBL01

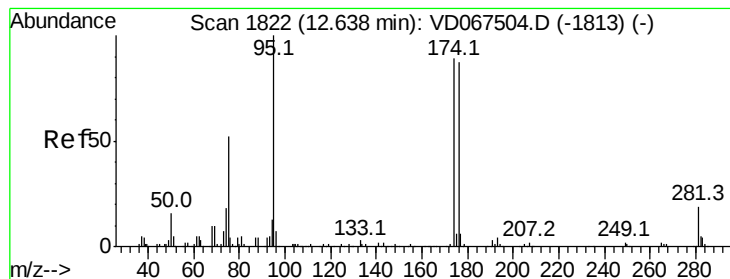
Tot Ion	Ratio	Lower	Upper
113	100		
111	99.1	80.0	120.0
192	20.9	16.3	24.5



#50
 Toluene-d8
 Concen: 53.770 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VD067592.D
 Acq: 11 Nov 2020 10:26

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.0	79.6





#62

4-Bromofluorobenzene

Concen: 61.674 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD067592.D

Acq: 11 Nov 2020 10:26

Instrument :

MSVOA_D

ClientSampleId :

VD1111SBL01

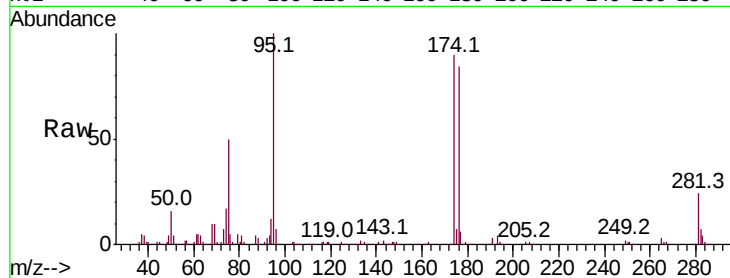
Tot Ion: 95 Resp: 213079

Ion Ratio Lower Upper

95 100

174 91.9 0.0 177.8

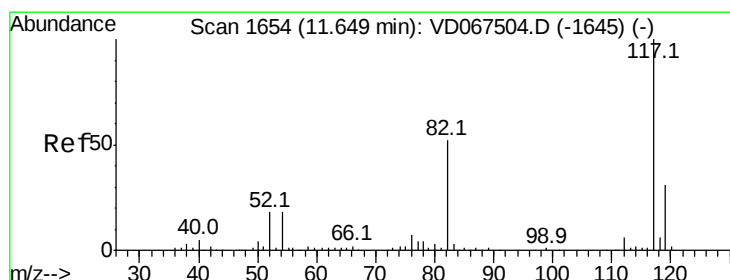
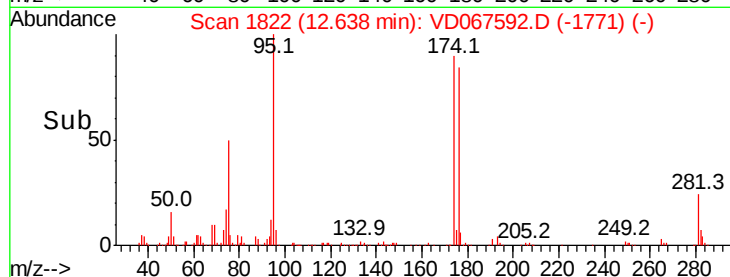
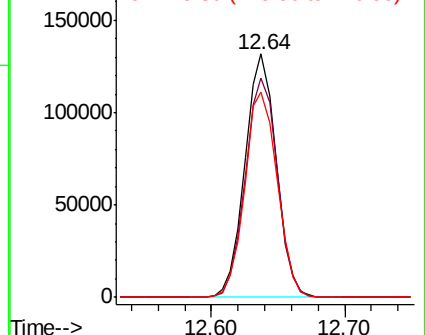
176 87.3 0.0 172.0



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VD067592.D

Acq: 11 Nov 2020 10:26

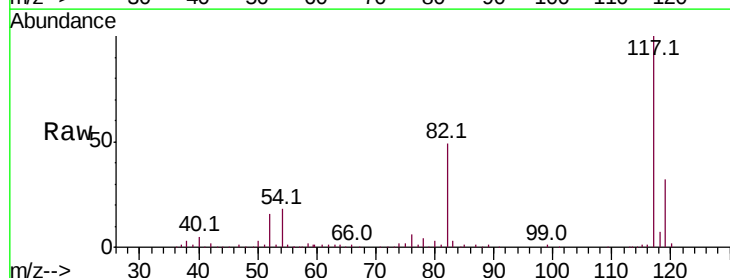
Tgt Ion: 117 Resp: 479010

Ion Ratio Lower Upper

117 100

82 49.4 41.6 62.4

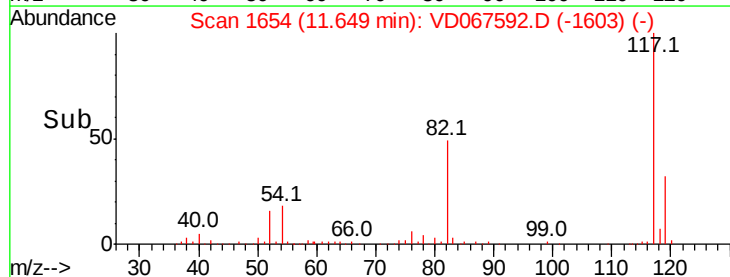
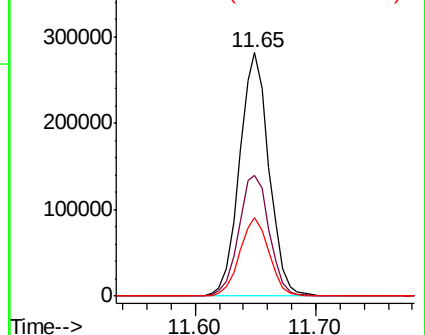
119 32.1 25.1 37.7

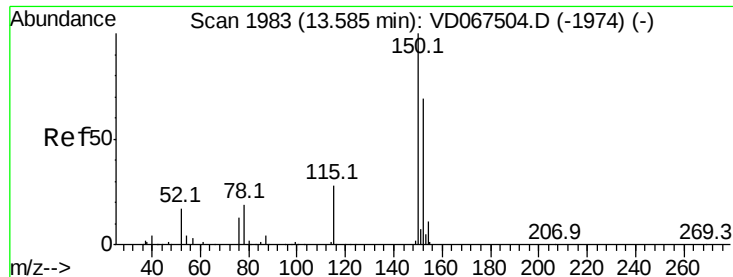


Abundance Ion 116.90 (116.60 to 117.60): V

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. -0.01 min

Lab File: VD067592.D

Acq: 11 Nov 2020 10:26

Instrument :

MSVOA_D

ClientSampleId :

VD1111SBL01

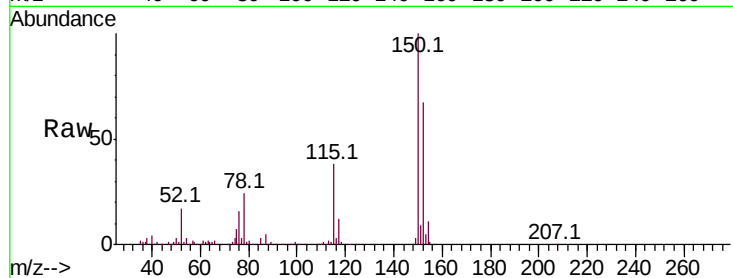
Tot Ion:152 Resp: 246202

Ion Ratio Lower Upper

152 100

115 59.6 29.3 88.0

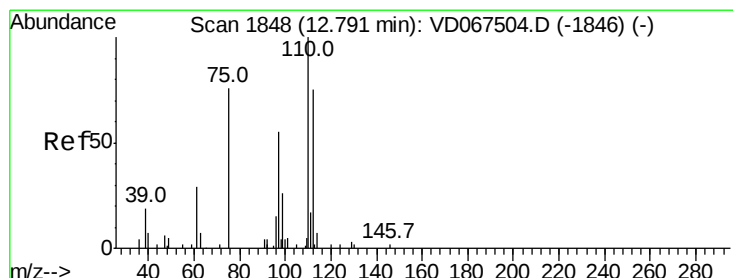
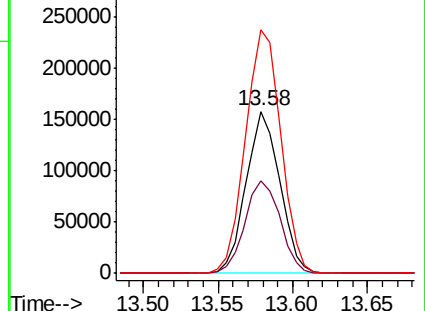
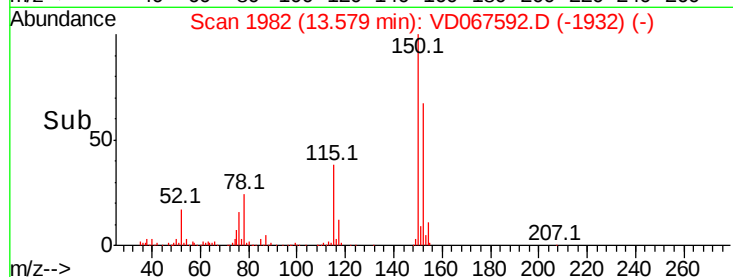
150 158.0 0.0 338.2



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: 73.273 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD067592.D

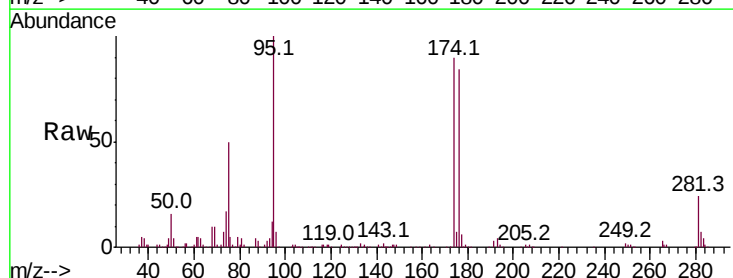
Acq: 11 Nov 2020 10:26

Tgt Ion: 75 Resp: 108827

Ion Ratio Lower Upper

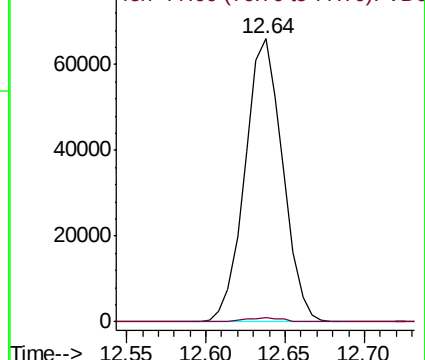
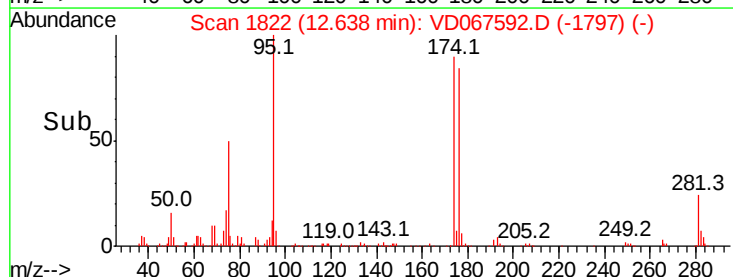
75 100

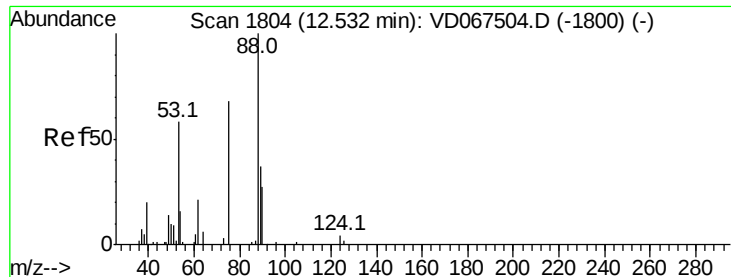
77 1.4 0.0 0.0#



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: 148.763 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067592.D

Acq: 11 Nov 2020 10:26

Instrument :

MSVOA_D

ClientSampleId :

VD1111SBL01

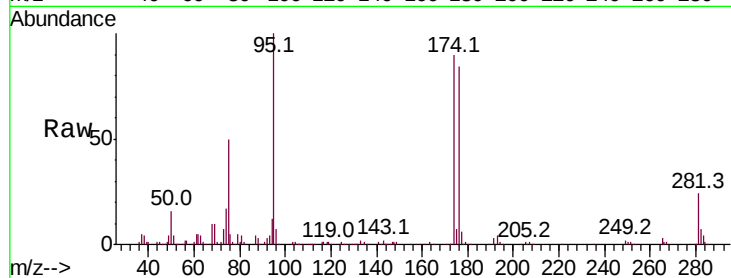
Tot Ion: 75 Resp: 108827

Ion Ratio Lower Upper

75 100

53 0.1 75.9 113.9#

89 0.1 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

