

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110920\
 Data File : VD067569.D
 Acq On : 09 Nov 2020 16:45
 Operator : VA/SY
 Sample : L4681-02
 Misc : 7.49G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 10 00:20:32 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

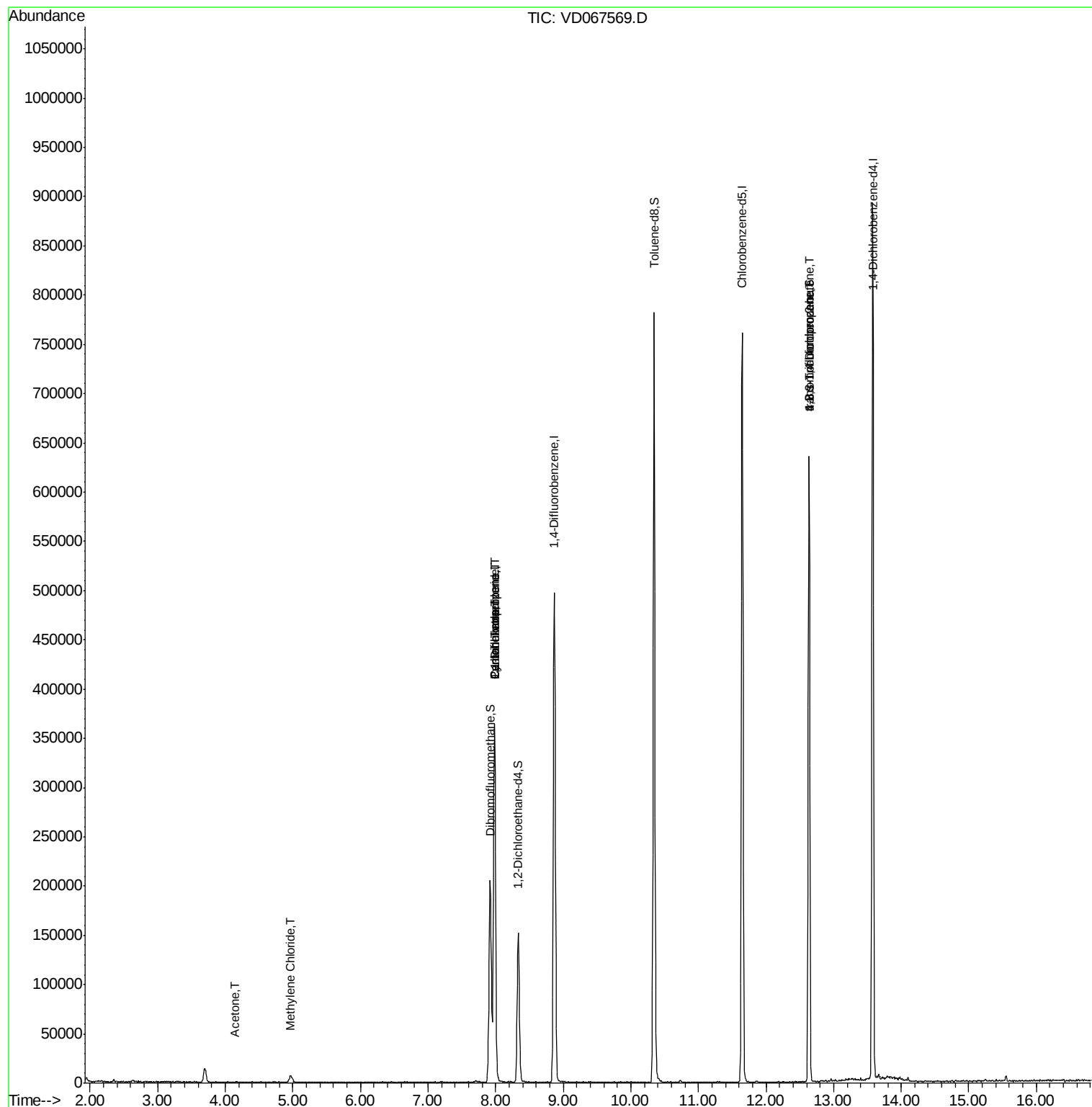
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	273078	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	453014	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	463177	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	240744	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	135267	56.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.30%	
35) Dibromofluoromethane	7.92	113	144503	52.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.88%	
50) Toluene-d8	10.34	98	534442	55.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.44%	
62) 4-Bromofluorobenzene	12.64	95	202705	61.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.42%	
Target Compounds						
					Qvalue	
16) Acetone	4.15	43	431	1.206	ug/l #	43
20) Methylene Chloride	4.96	84	5883	2.331	ug/l #	89
31) Cyclohexane	7.99	56	5217	1.506	ug/l #	18
36) 1,1-Dichloropropene	7.99	75	18844	4.860	ug/l #	49
38) Carbon Tetrachloride	7.99	117	27826	5.523	ug/l #	15
76) 1,2,3-Trichloropropane	12.64	75	103324	71.145	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	103324	144.443	ug/l #	10

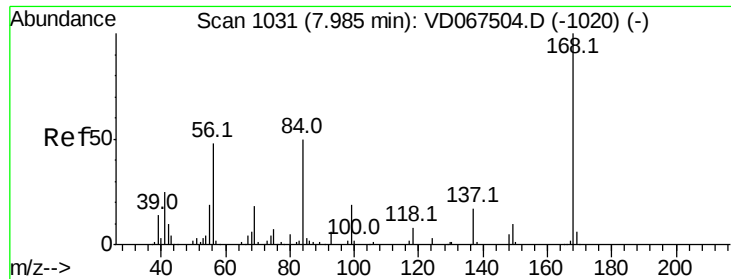
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD110920\
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ALS Vial : 15 Sample Multiplier: 1

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Quant Time: Nov 10 00:20:32 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: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067569.D

Acq: 09 Nov 2020 16:45

Instrument :

MSVOA_D

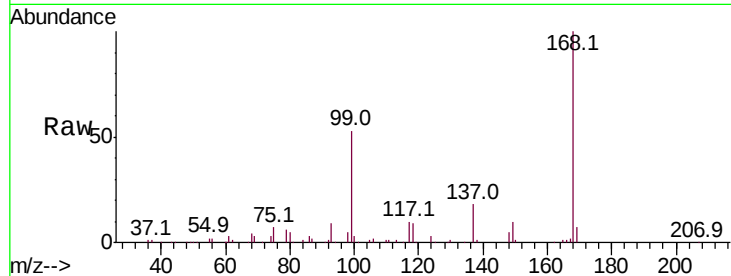
ClientSampleId :

Tot Ion:168 Resp: 273078

Ion Ratio Lower Upper

168 100

99 53.3 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

150000

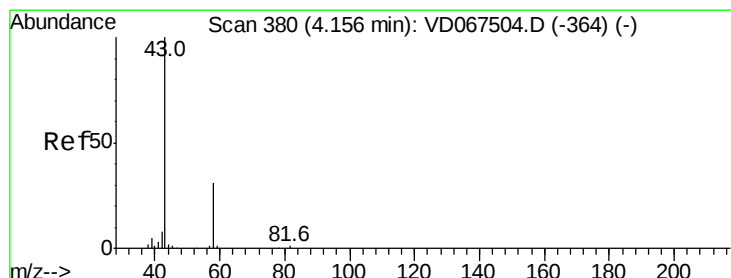
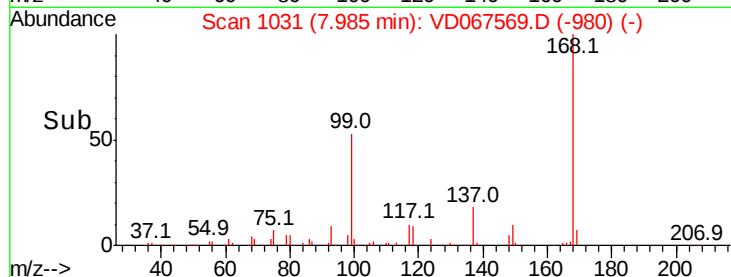
100000

50000

0

Time-->

7.90 7.95 8.00 8.05



#16

Acetone

Concen: 1.206 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD067569.D

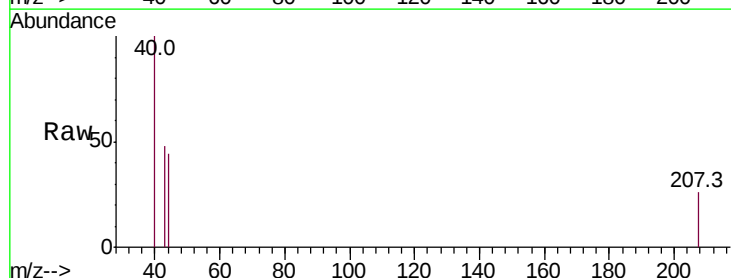
Acq: 09 Nov 2020 16:45

Tgt Ion: 43 Resp: 431

Ion Ratio Lower Upper

43 100

58 0.0 25.2 37.8#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.15

400

300

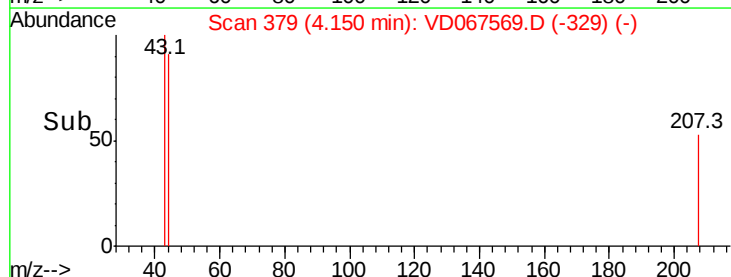
200

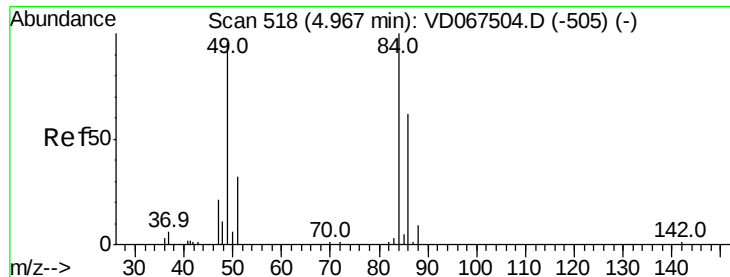
100

0

Time-->

4.12 4.14 4.16 4.18

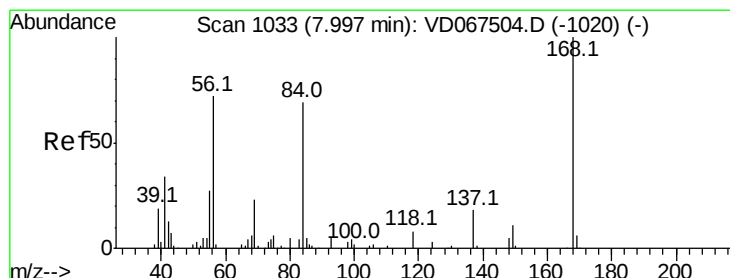
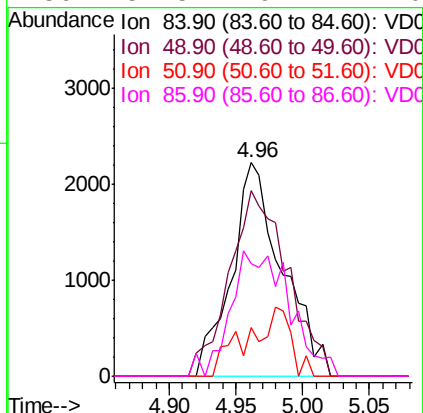
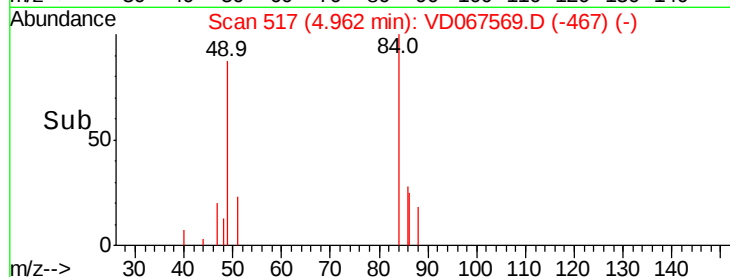
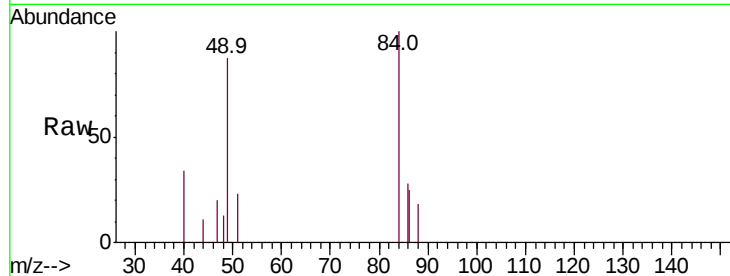




#20
Methvlene Chloride
Concen: 2.331 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD067569.D
Acq: 09 Nov 2020 16:45

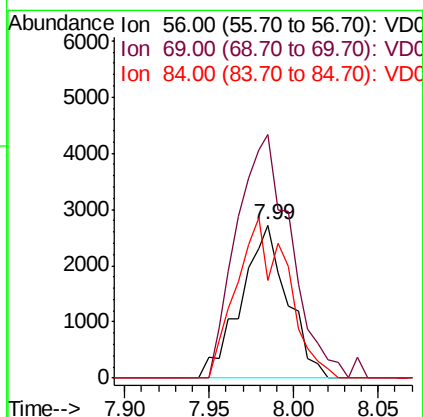
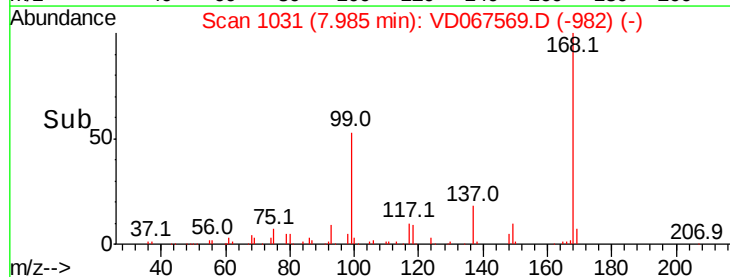
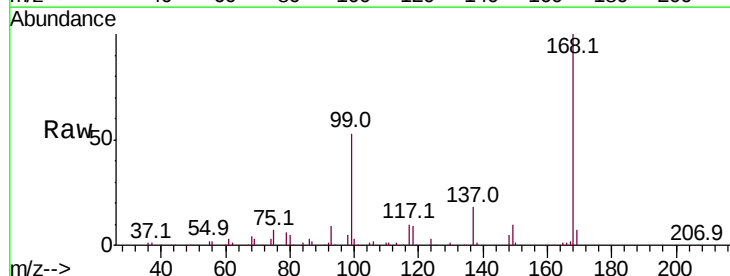
Instrument :
MSVOA_D
ClientSampleId :

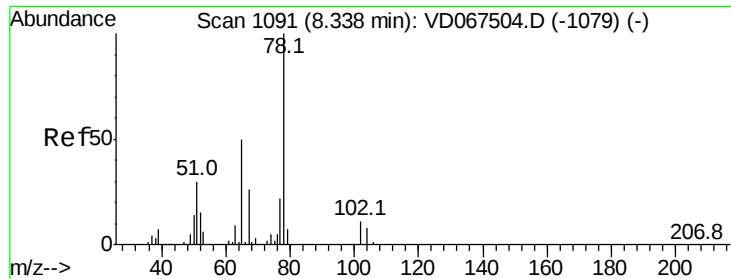
Tot Ion: 84 Resp: 5883
Ion Ratio Lower Upper
84 100
49 86.7 77.0 115.4
51 23.1 25.4 38.2#
86 52.5 49.4 74.0



#31
Cyclohexane
Concen: 1.506 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. -0.01 min
Lab File: VD067569.D
Acq: 09 Nov 2020 16:45

Tgt Ion: 56 Resp: 5217
Ion Ratio Lower Upper
56 100
69 159.2 25.9 38.9#
84 63.8 76.2 114.4#

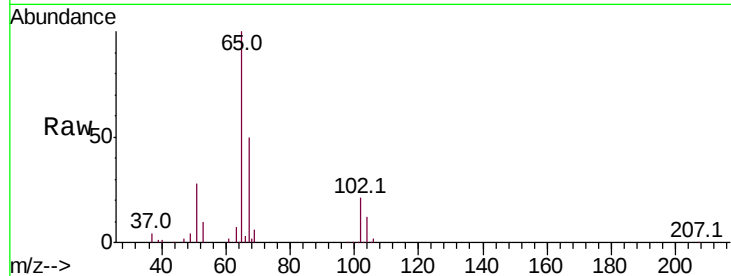




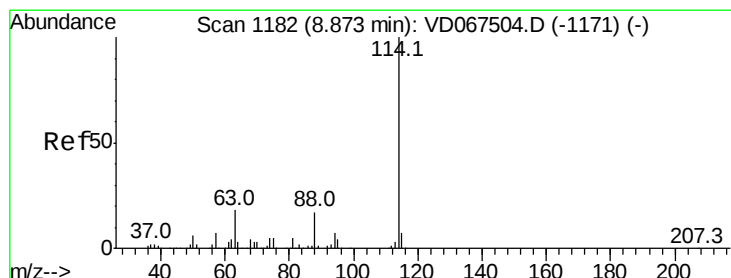
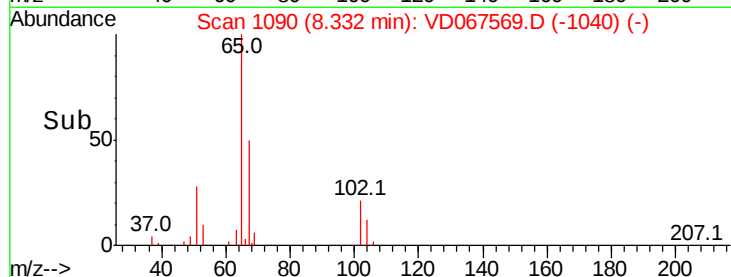
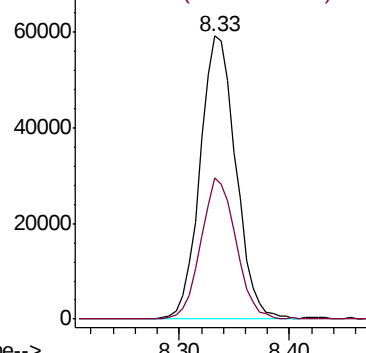
#33
 1,2-Dichloroethane-d4
 Concen: 56.650 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD067569.D
 Acq: 09 Nov 2020 16:45

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion: 65 Resp: 135267
 Ion Ratio Lower Upper
 65 100
 67 48.6 0.0 99.4

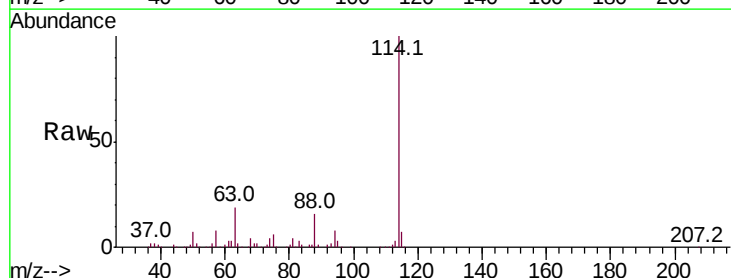


Abundance Ion 64.90 (64.60 to 65.60): VDC
 Ion 66.90 (66.60 to 67.60): VDC

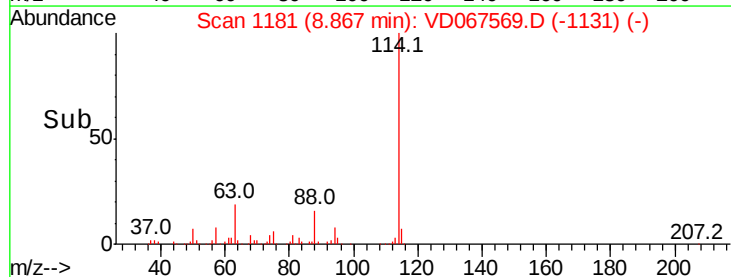
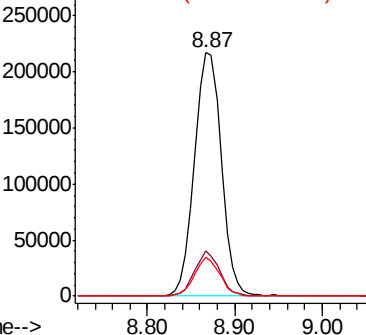


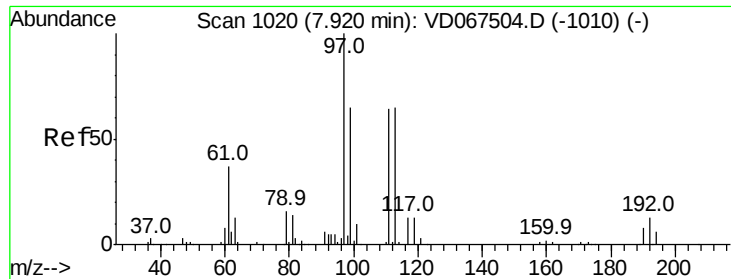
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VD067569.D
 Acq: 09 Nov 2020 16:45

Tgt Ion: 114 Resp: 453014
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 35.0
 88 15.7 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

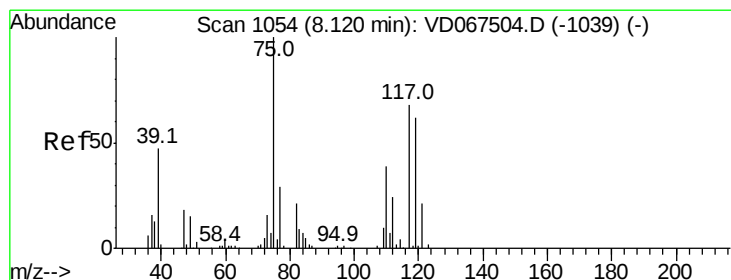
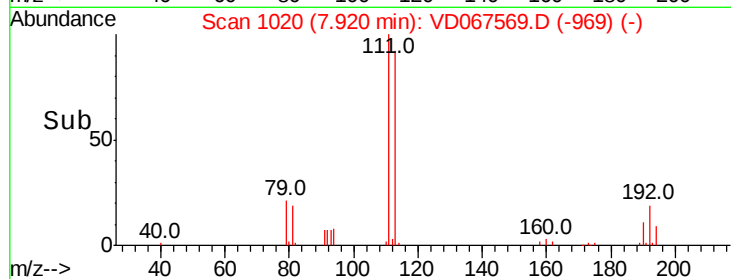
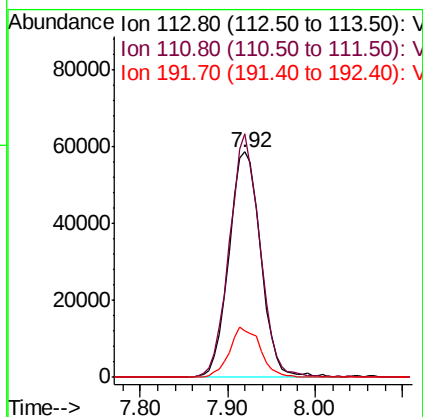
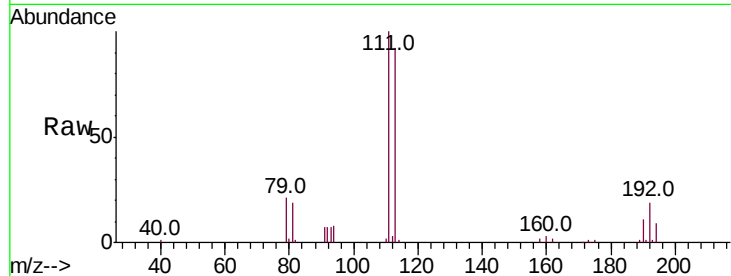




#35
 Dibromofluoromethane
 Concen: 52.943 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD067569.D
 Acq: 09 Nov 2020 16:45

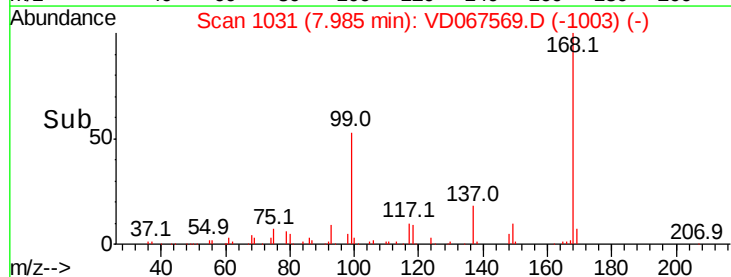
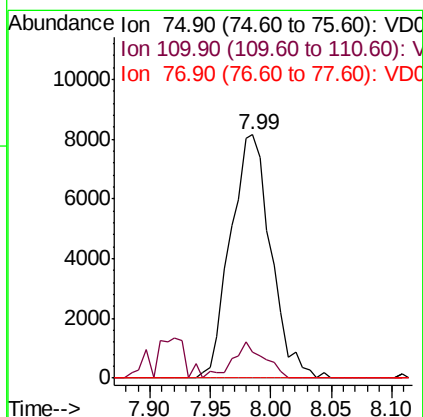
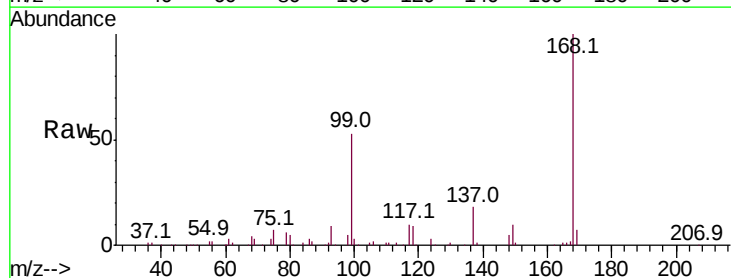
Instrument :
 MSVOA_D
 ClientSampleId :

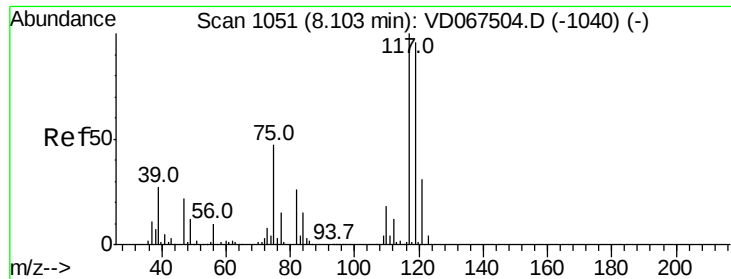
Tot Ion:113 Resp: 144503
 Ion Ratio Lower Upper
 113 100
 111 103.7 80.0 120.0
 192 21.4 16.3 24.5



#36
 1,1-Dichloropropene
 Concen: 4.860 ug/l
 RT: 7.99 min Scan# 1031
 Delta R.T. -0.14 min
 Lab File: VD067569.D
 Acq: 09 Nov 2020 16:45

Tgt Ion: 75 Resp: 18844
 Ion Ratio Lower Upper
 75 100
 110 10.8 19.9 59.7#
 77 0.0 24.8 37.2#

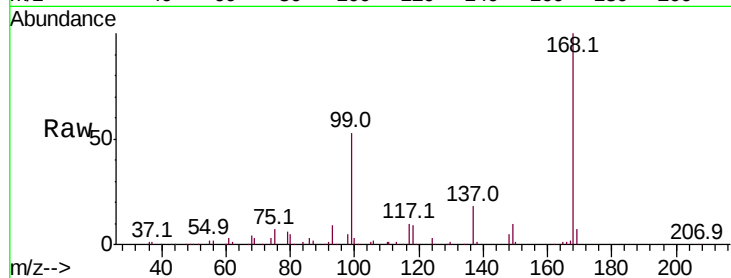




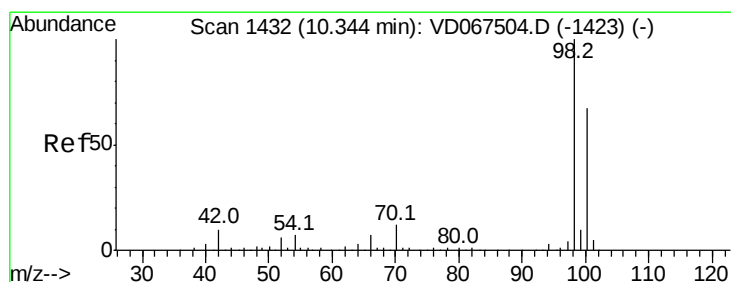
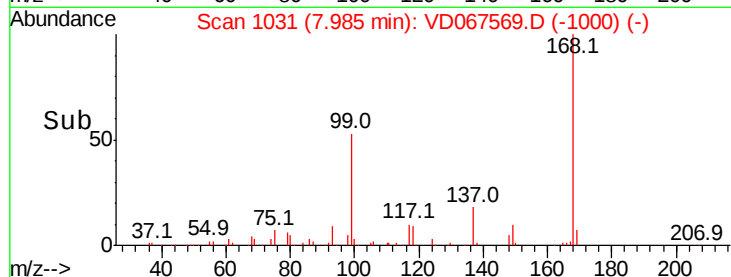
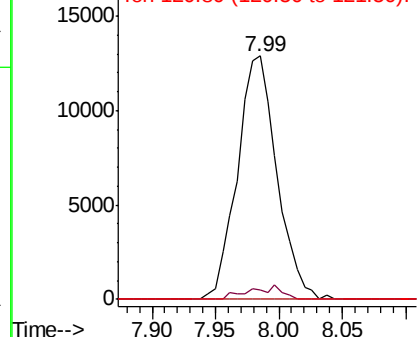
#38
Carbon Tetrachloride
Concen: 5.523 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. -0.12 min
Lab File: VD067569.D
Acq: 09 Nov 2020 16:45

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:117 Resp: 27826
Ion Ratio Lower Upper
117 100
119 3.7 76.9 115.3#
121 0.0 24.5 36.7#

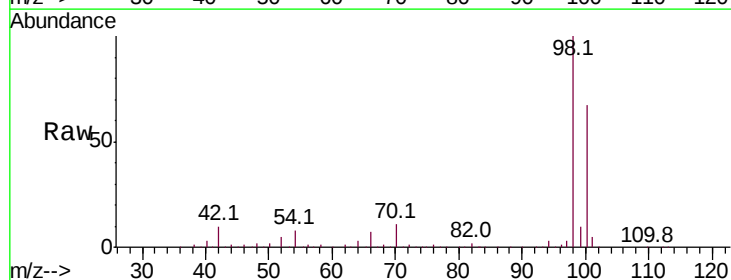


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

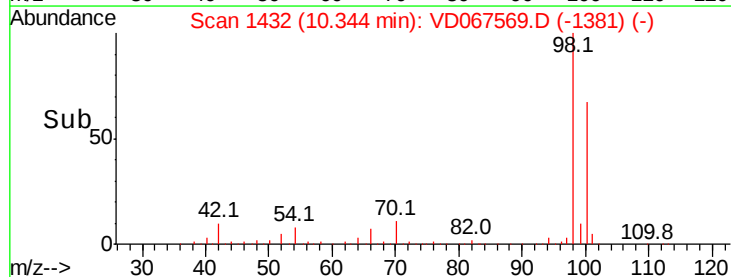
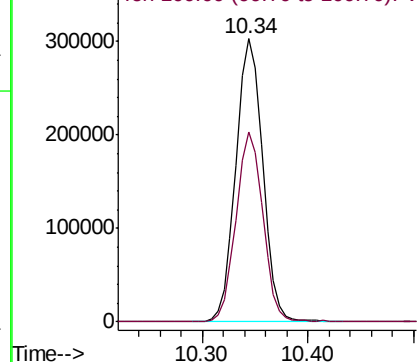


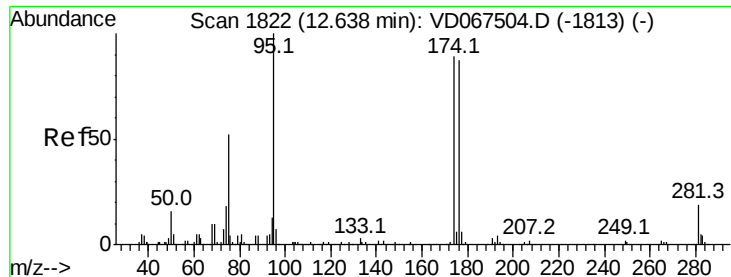
#50
Toluene-d8
Concen: 55.719 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067569.D
Acq: 09 Nov 2020 16:45

Tgt Ion: 98 Resp: 534442
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.6



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





#62

4-Bromofluorobenzene

Concen: 61.212 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067569.D

Acq: 09 Nov 2020 16:45

Instrument :

MSVOA_D

ClientSampled :

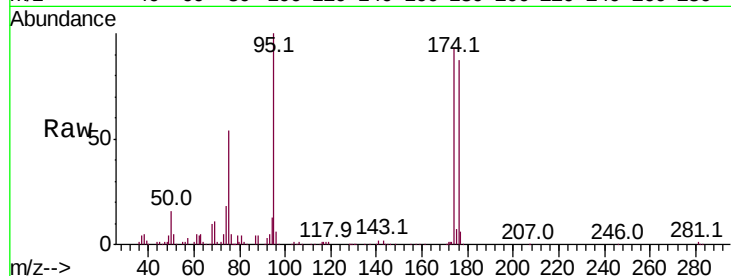
Tot Ion: 95 Resp: 202705

Ion Ratio Lower Upper

95 100

174 90.9 0.0 177.8

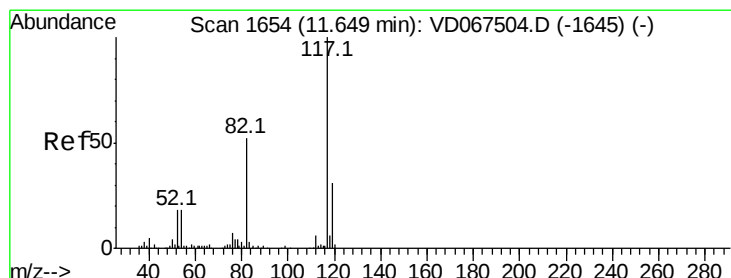
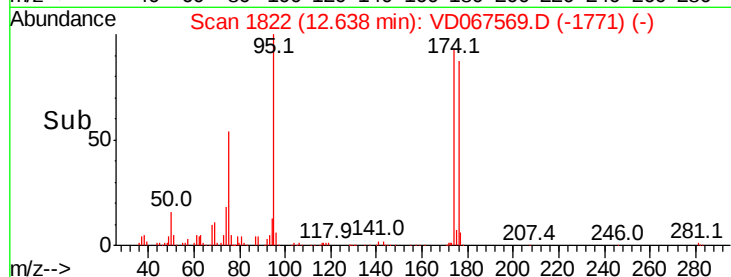
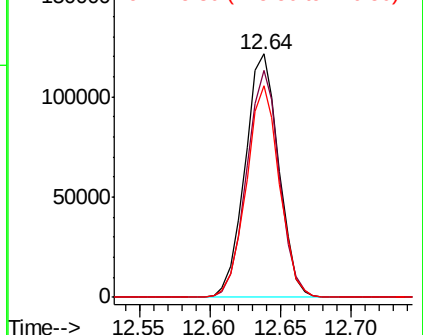
176 85.7 0.0 172.0



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: VD067569.D

Acq: 09 Nov 2020 16:45

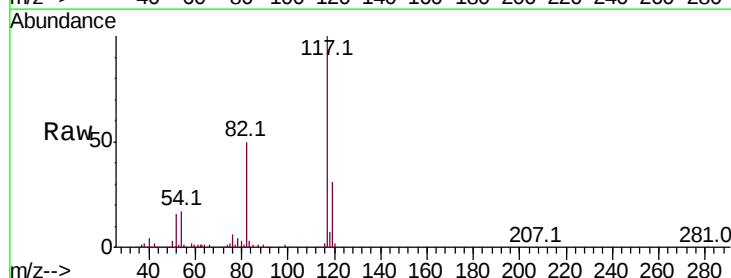
Tgt Ion: 117 Resp: 463177

Ion Ratio Lower Upper

117 100

82 50.0 41.6 62.4

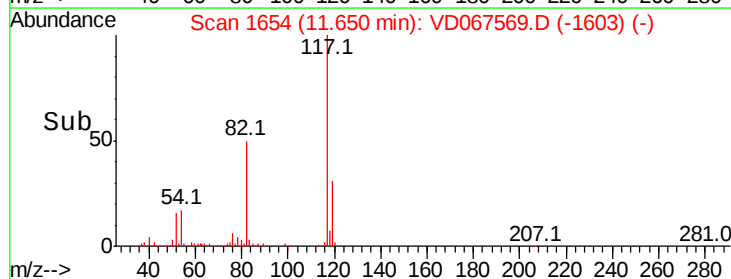
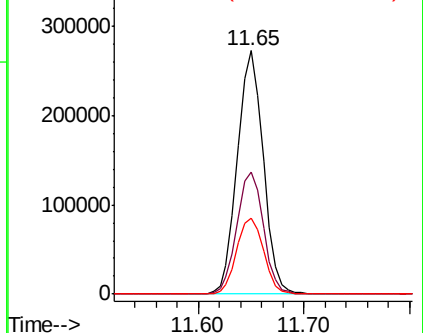
119 31.2 25.1 37.7

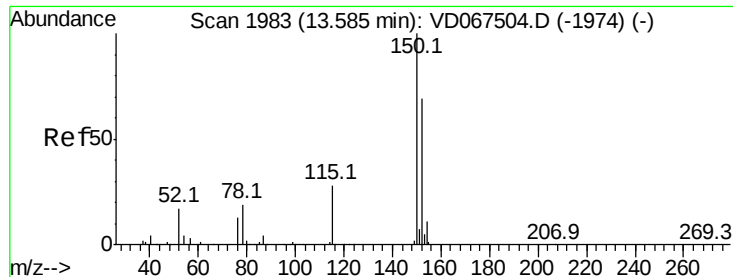


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD067569.D

Acq: 09 Nov 2020 16:45

Instrument :

MSVOA_D

ClientSampleId :

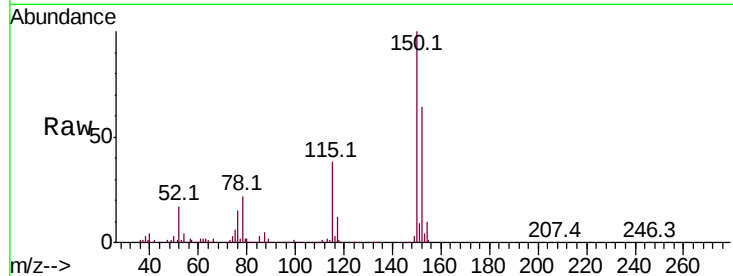
Tot Ion:152 Resp: 240744

Ion Ratio Lower Upper

152 100

115 58.0 29.3 88.0

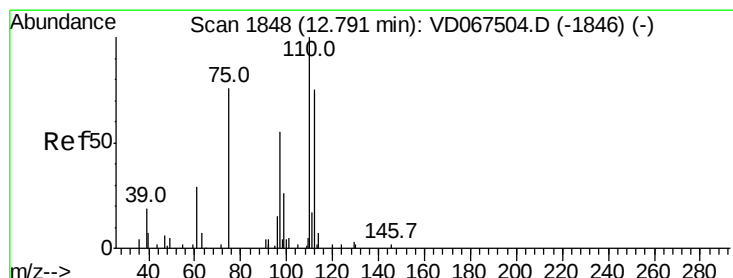
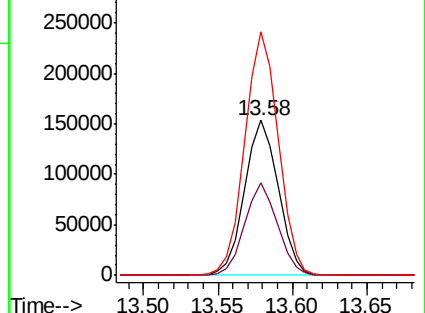
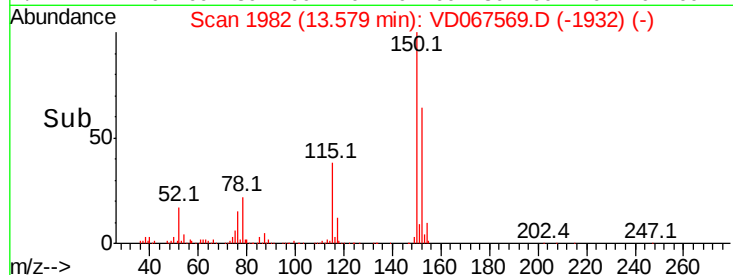
150 155.6 0.0 338.2



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: 71.145 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD067569.D

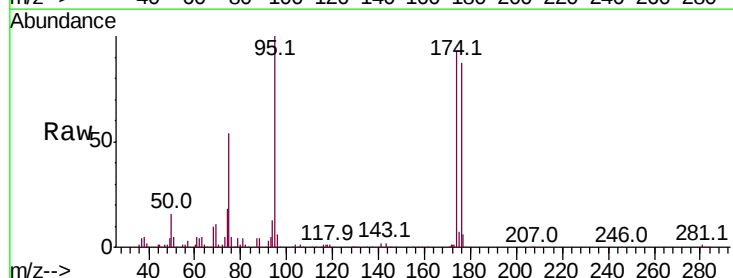
Acq: 09 Nov 2020 16:45

Tgt Ion: 75 Resp: 103324

Ion Ratio Lower Upper

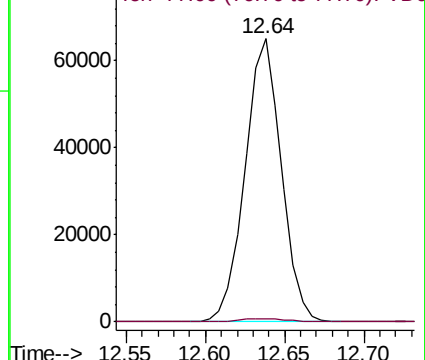
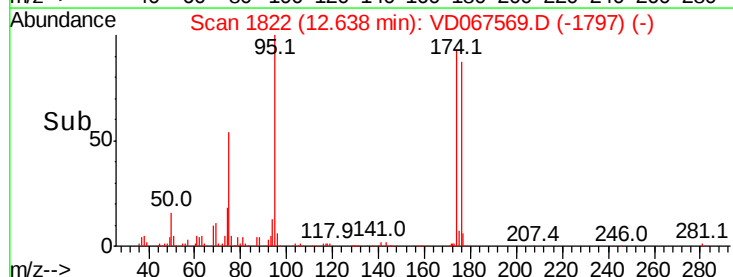
75 100

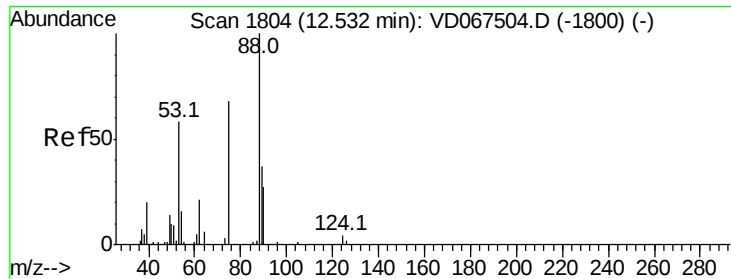
77 1.4 0.0 0.0#



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: 144.443 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067569.D

Acq: 09 Nov 2020 16:45

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 75 Resp: 103324

Ion Ratio Lower Upper

75 100

53 0.0 75.9 113.9#

89 0.0 44.6 67.0#

