

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110920\
 Data File : VD067561.D
 Acq On : 09 Nov 2020 13:07
 Operator : VA/SY
 Sample : L4658-03
 Misc : 5.05G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 10 00:19:32 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	7.98	168	59141	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	88415	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	95986	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	49775	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	40253	77.84	ug/l	0.00
Spiked Amount			Recovery	=	155.68%	
35) Dibromofluoromethane	7.91	113	31712	59.53	ug/l	0.00
Spiked Amount			Recovery	=	119.06%	
50) Toluene-d8	10.34	98	104757	55.96	ug/l	0.00
Spiked Amount			Recovery	=	111.92%	
62) 4-Bromofluorobenzene	12.64	95	39683	61.40	ug/l	0.00
Spiked Amount			Recovery	=	122.80%	

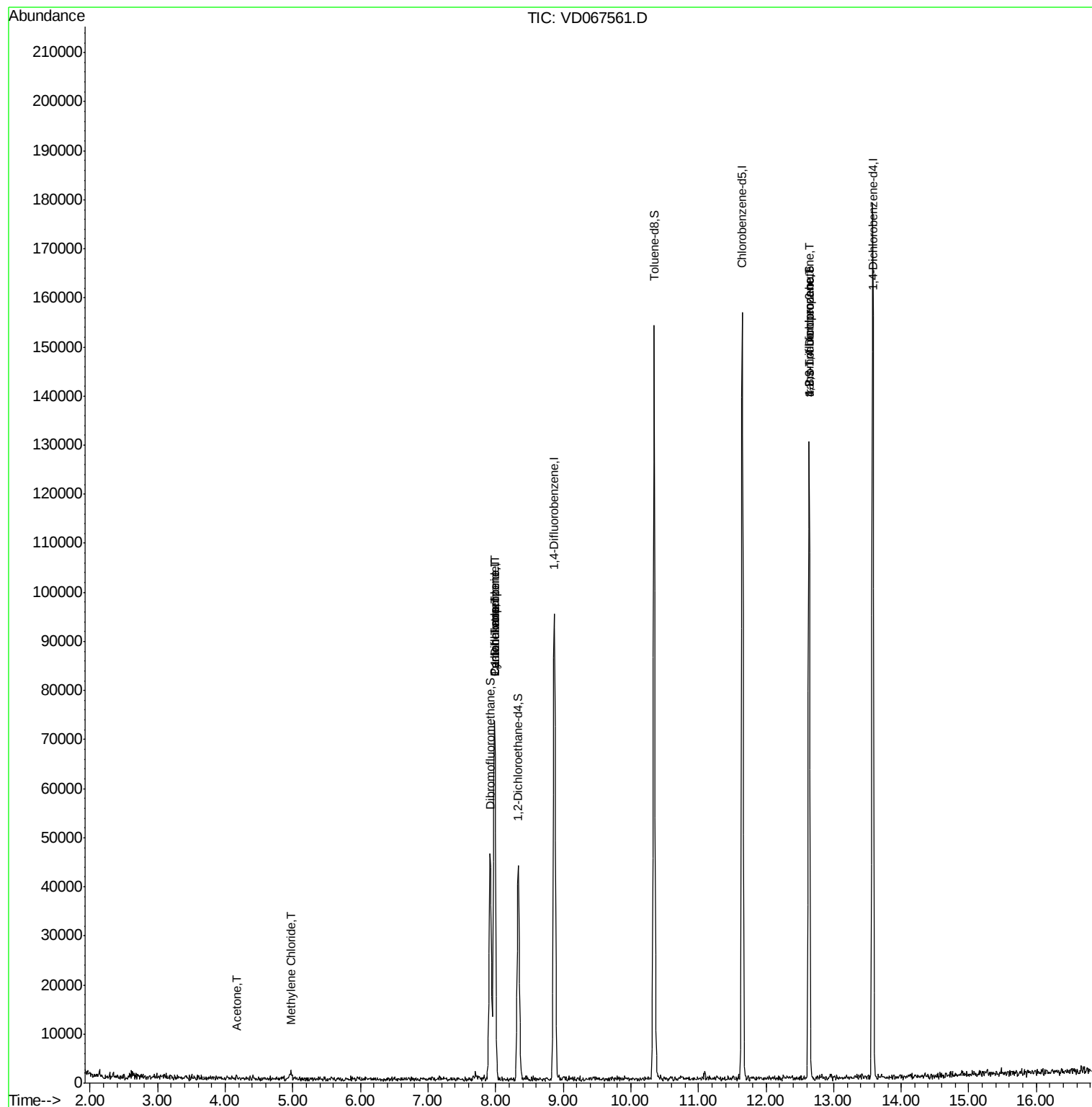
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.17	43	324	4.187	ug/l #	43
20) Methylene Chloride	4.97	84	991	1.813	ug/l #	70
31) Cyclohexane	7.98	56	941	1.255	ug/l #	32
36) 1,1-Dichloropropene	7.98	75	4094	5.409	ug/l #	49
38) Carbon Tetrachloride	7.98	117	5333	5.423	ug/l #	18
76) 1,2,3-Trichloropropane	12.64	75	20151	67.109	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	20151	136.250	ug/l #	10

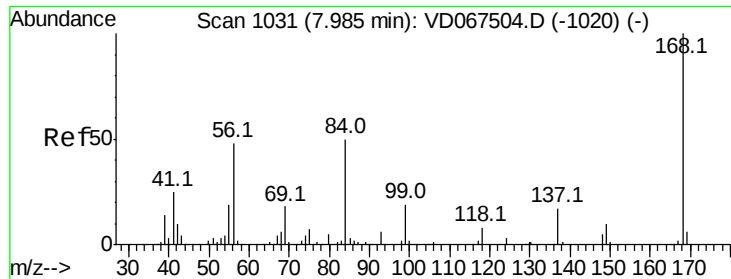
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD110920\
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Quant Time: Nov 10 00:19:32 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: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067561.D

Acq: 09 Nov 2020 13:07

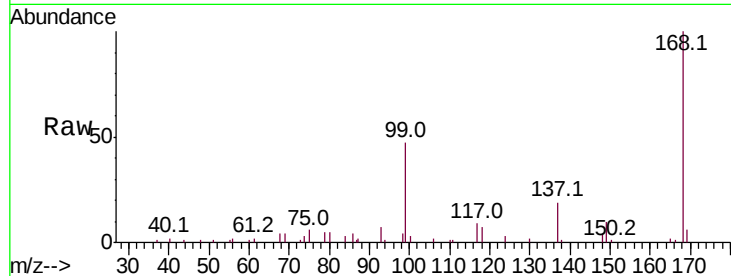
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 59141

Ion Ratio Lower Upper

168 100

99 47.3 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

25000

20000

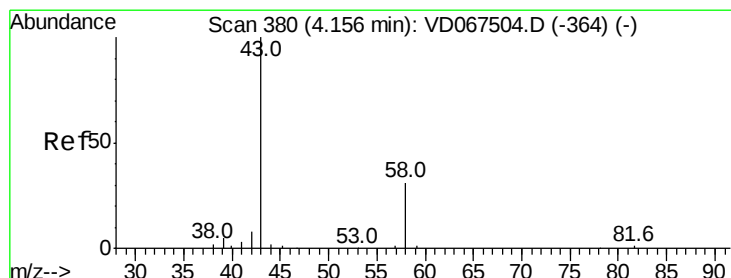
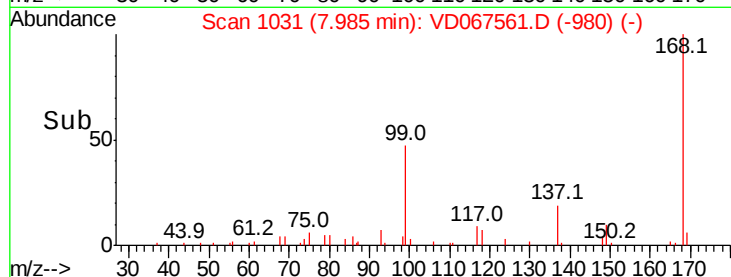
15000

10000

5000

0

Time-->



#16

Acetone

Concen: 4.187 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.02 min

Lab File: VD067561.D

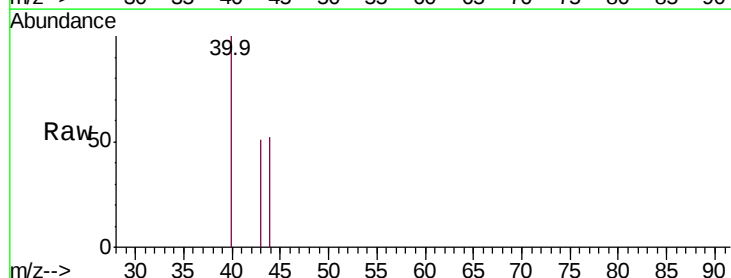
Acq: 09 Nov 2020 13:07

Tgt Ion: 43 Resp: 324

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

4.17

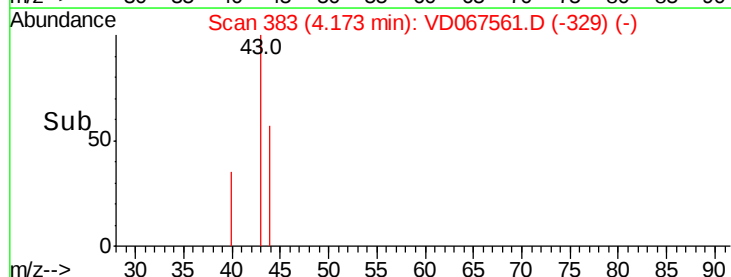
300

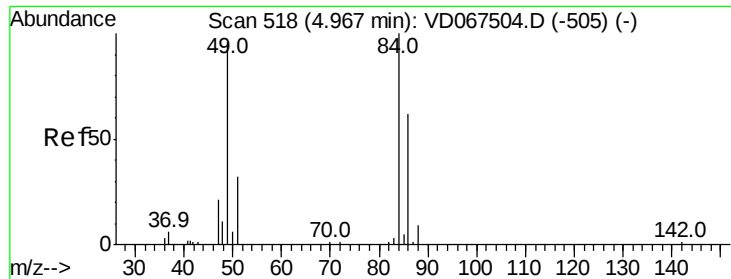
200

100

0

Time-->

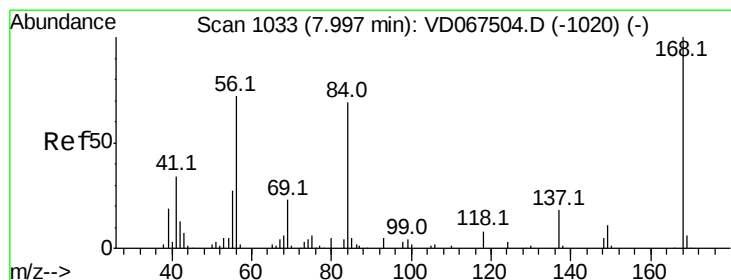
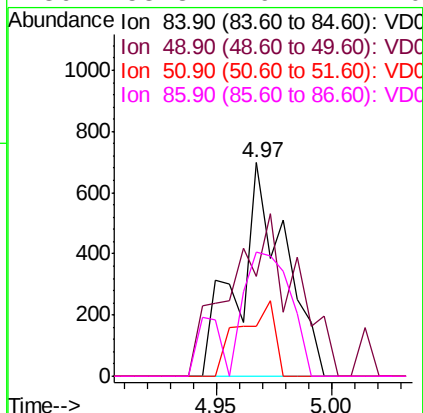
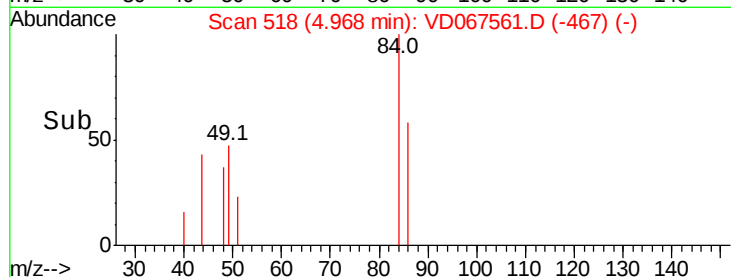
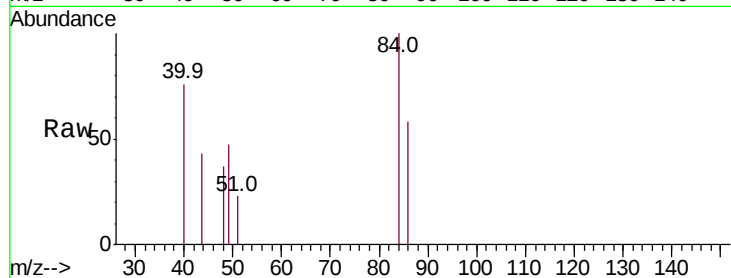




#20
Methvlene Chloride
Concen: 1.813 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD067561.D
Acq: 09 Nov 2020 13:07

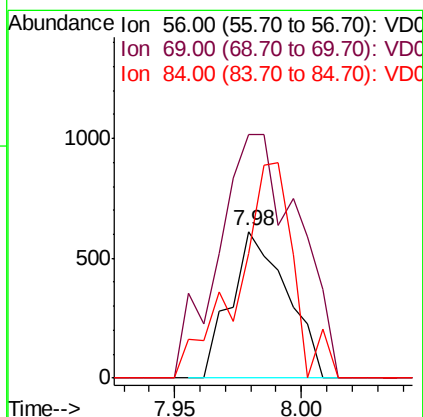
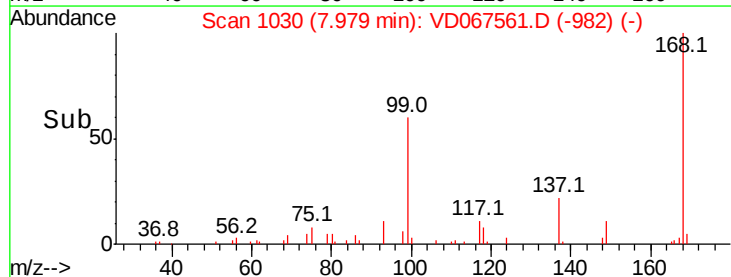
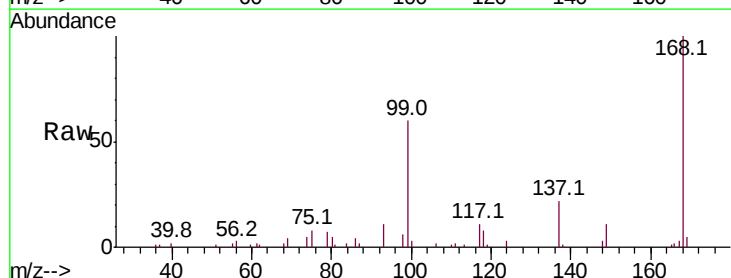
Instrument :
MSVOA_D
ClientSampled :

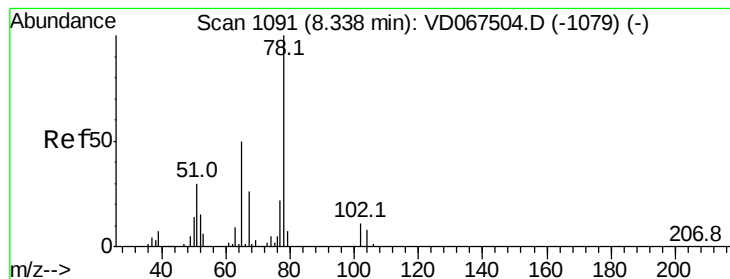
Tot Ion: 84 Resp: 991
Ion Ratio Lower Upper
84 100
49 46.6 77.0 115.4#
51 23.2 25.4 38.2#
86 58.3 49.4 74.0



#31
Cyclohexane
Concen: 1.255 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.02 min
Lab File: VD067561.D
Acq: 09 Nov 2020 13:07

Tgt Ion: 56 Resp: 941
Ion Ratio Lower Upper
56 100
69 166.0 25.9 38.9#
84 85.4 76.2 114.4





#33

1,2-Dichloroethane-d4

Concen: 77.840 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD067561.D

Acq: 09 Nov 2020 13:07

Instrument :

MSVOA_D

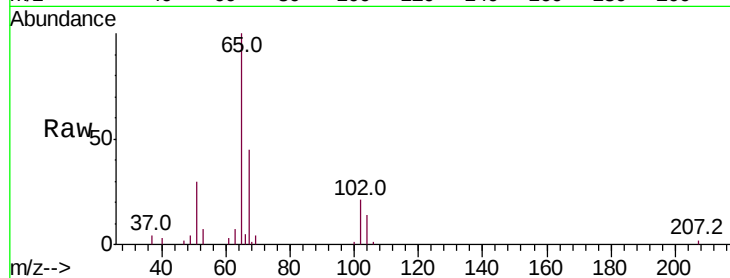
ClientSampleId :

Tot Ion: 65 Resp: 40253

Ion Ratio Lower Upper

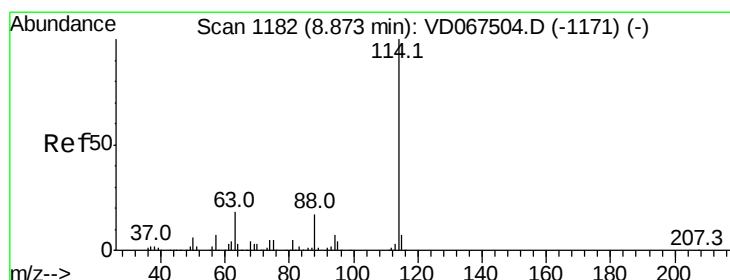
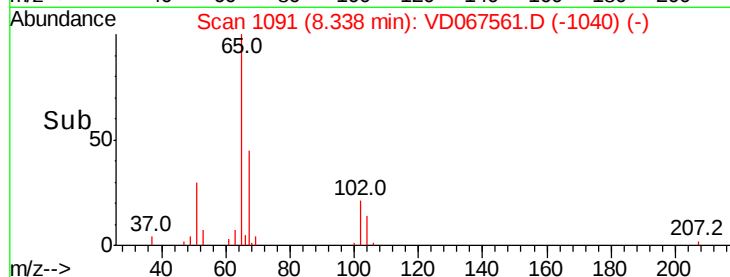
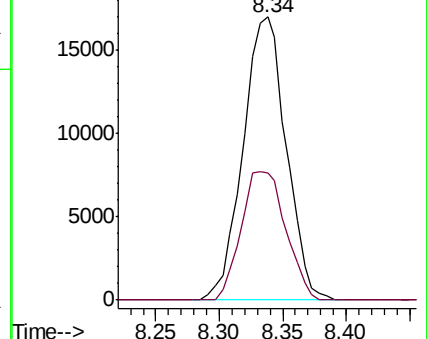
65 100

67 46.7 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: VD067561.D

Acq: 09 Nov 2020 13:07

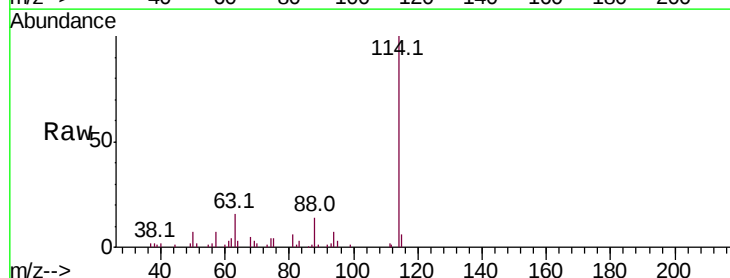
Tgt Ion:114 Resp: 88415

Ion Ratio Lower Upper

114 100

63 15.6 0.0 35.0

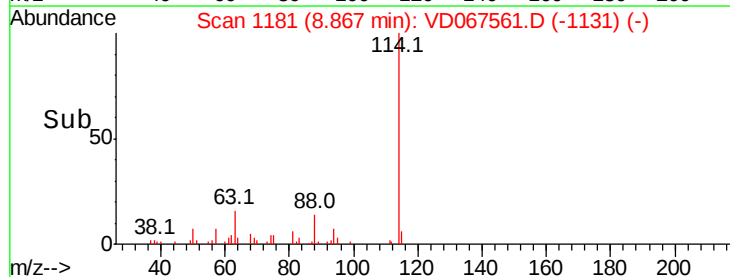
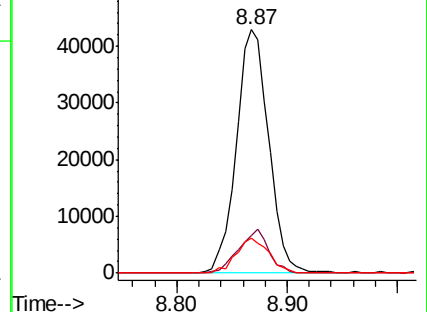
88 14.1 0.0 33.0

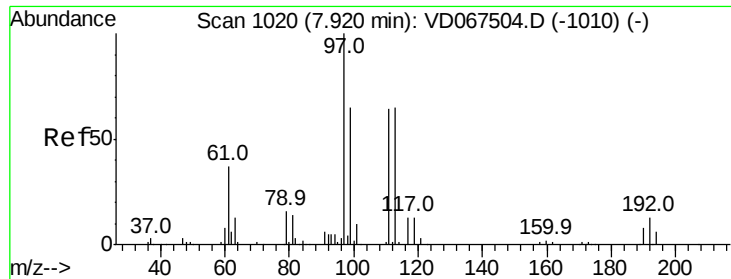


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

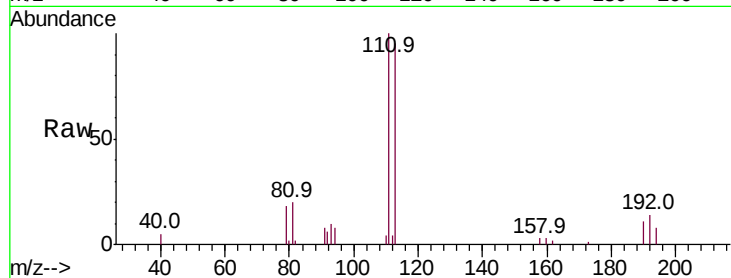




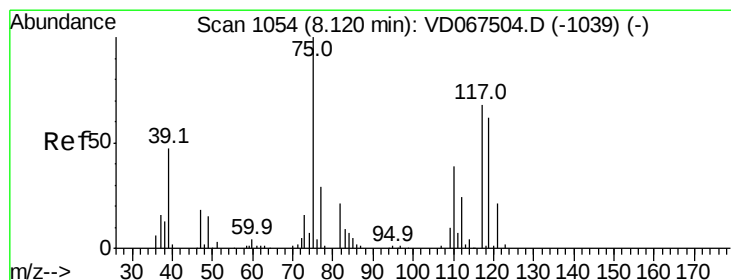
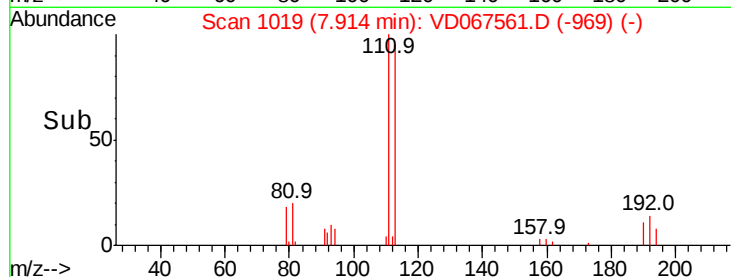
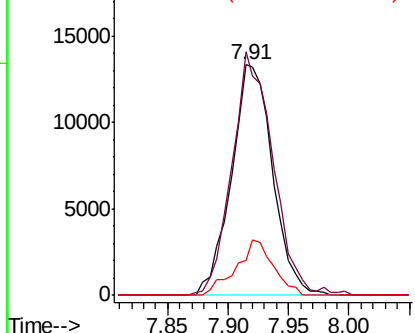
#35
 Dibromofluoromethane
 Concen: 59.531 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD067561.D
 Acq: 09 Nov 2020 13:07

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:113 Resp: 31712
 Ion Ratio Lower Upper
 113 100
 111 104.1 80.0 120.0
 192 21.6 16.3 24.5

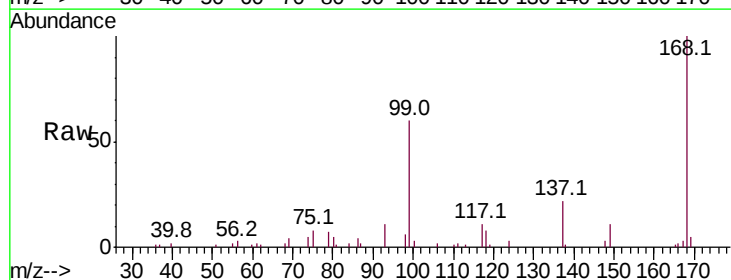


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

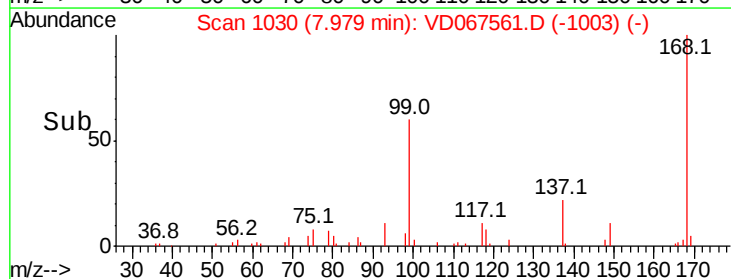
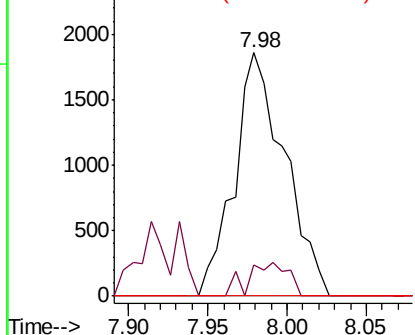


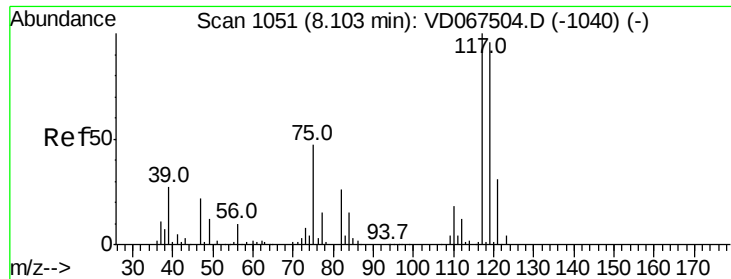
#36
 1,1-Dichloropropene
 Concen: 5.409 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD067561.D
 Acq: 09 Nov 2020 13:07

Tgt Ion: 75 Resp: 4094
 Ion Ratio Lower Upper
 75 100
 110 11.0 19.9 59.7#
 77 0.0 24.8 37.2#



Abundance Ion 74.90 (74.60 to 75.60): VDC
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VDC





#38

Carbon Tetrachloride

Concen: 5.423 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.12 min

Lab File: VD067561.D

Acq: 09 Nov 2020 13:07

Instrument :

MSVOA_D

ClientSampleId :

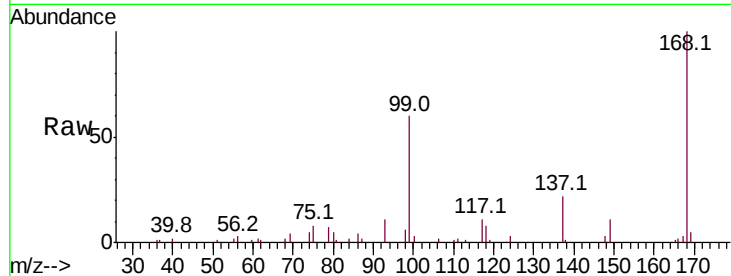
Tot Ion:117 Resp: 5333

Ion Ratio Lower Upper

117 100

119 7.7 76.9 115.3#

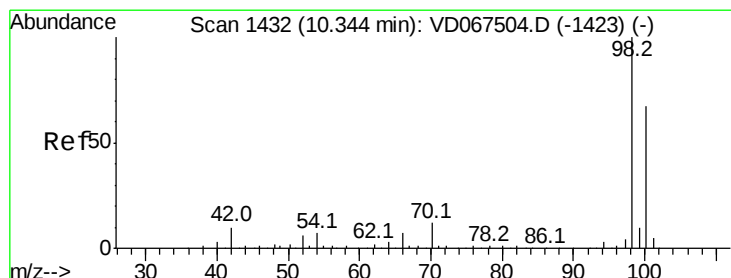
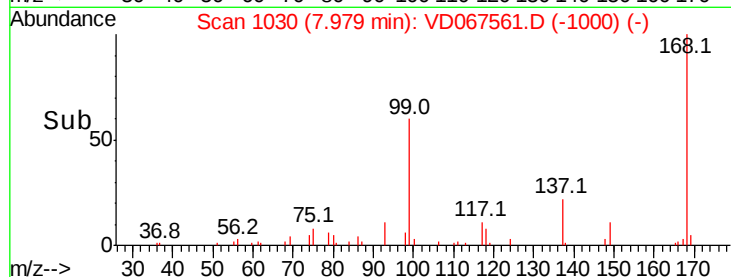
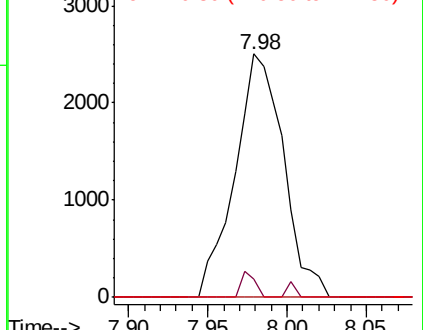
121 0.0 24.5 36.7#



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: 55.959 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067561.D

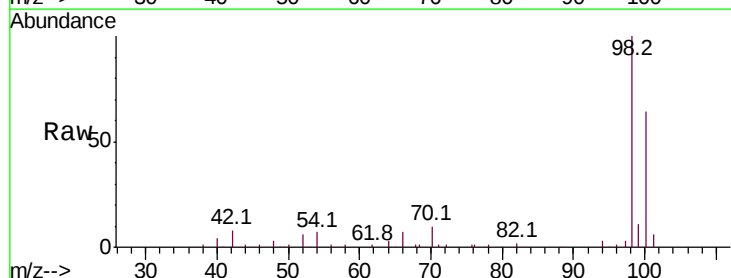
Acq: 09 Nov 2020 13:07

Tgt Ion: 98 Resp: 104757

Ion Ratio Lower Upper

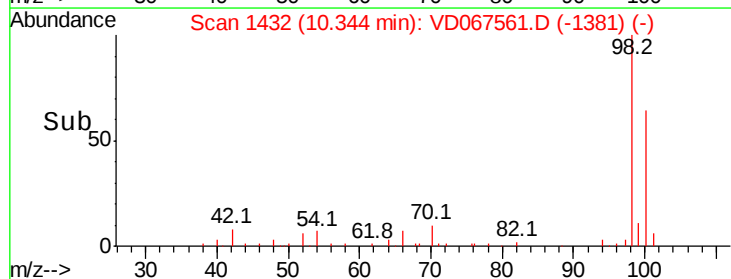
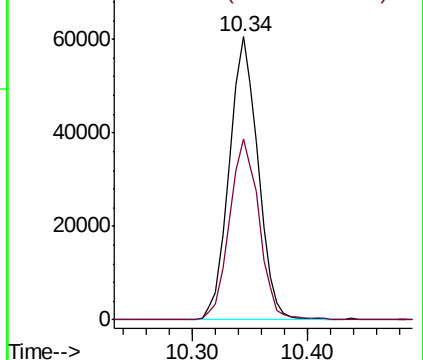
98 100

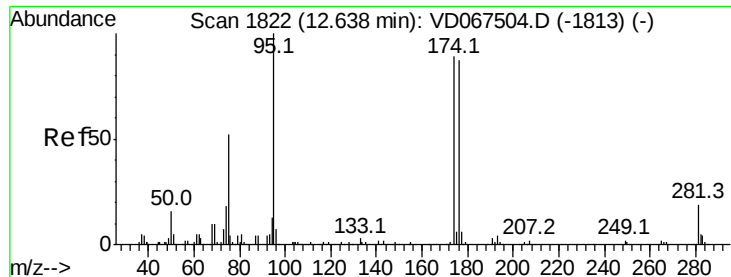
100 65.4 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 61.399 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067561.D

Acq: 09 Nov 2020 13:07

Instrument :

MSVOA_D

ClientSampleId :

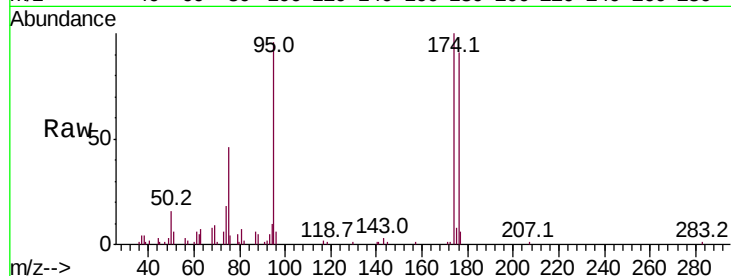
Tot Ion: 95 Resp: 39683

Ion Ratio Lower Upper

95 100

174 100.1 0.0 177.8

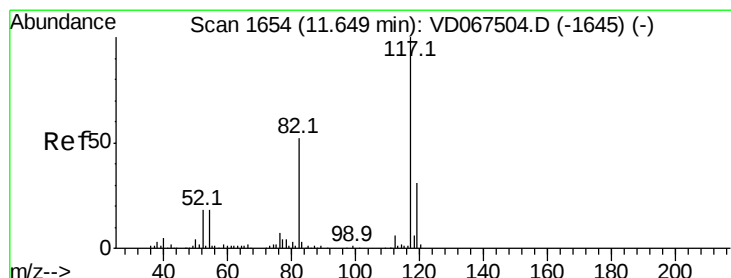
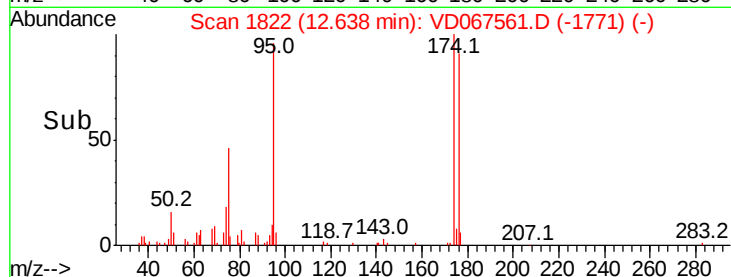
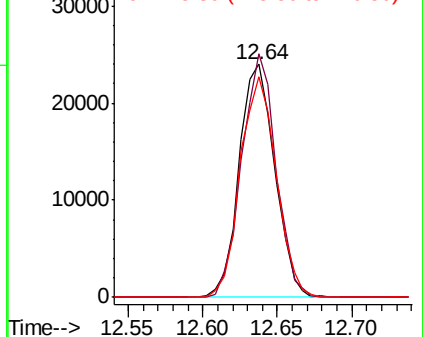
176 95.4 0.0 172.0



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: VD067561.D

Acq: 09 Nov 2020 13:07

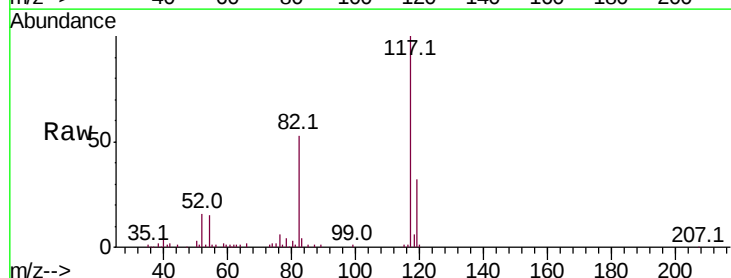
Tgt Ion: 117 Resp: 95986

Ion Ratio Lower Upper

117 100

82 53.3 41.6 62.4

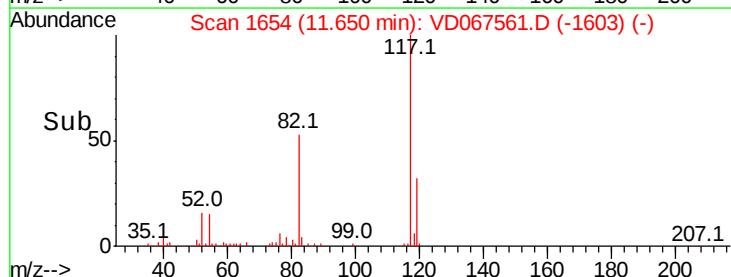
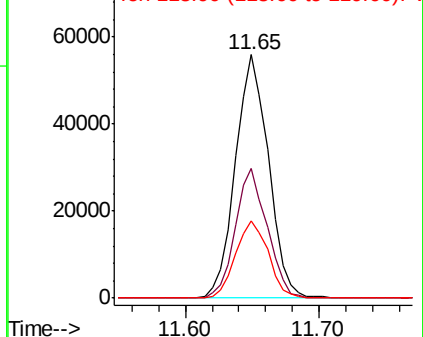
119 31.5 25.1 37.7

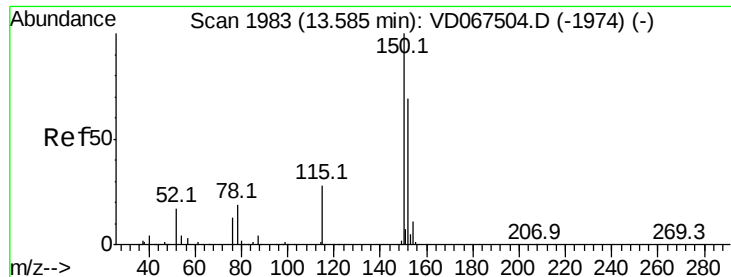


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD067561.D

Acq: 09 Nov 2020 13:07

Instrument :

MSVOA_D

ClientSampleId :

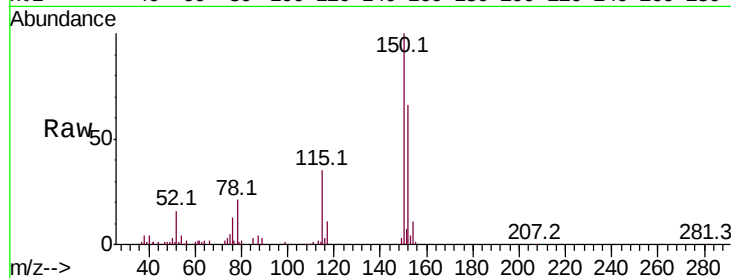
Tot Ion:152 Resp: 49775

Ion Ratio Lower Upper

152 100

115 56.8 29.3 88.0

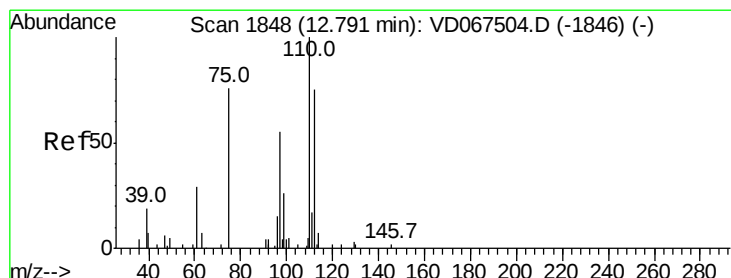
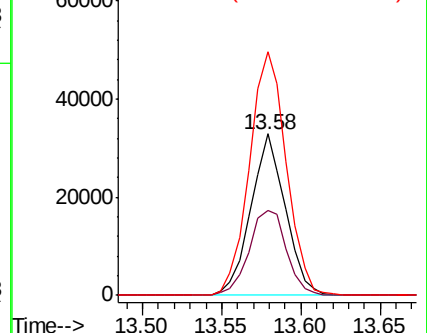
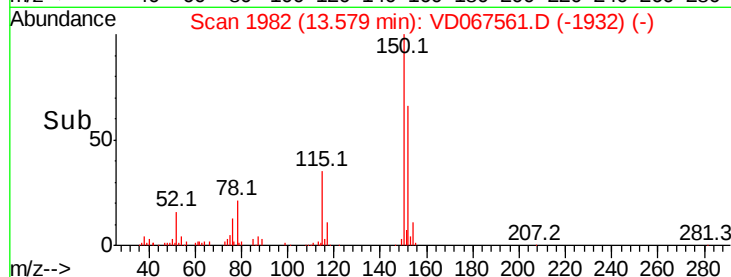
150 160.6 0.0 338.2



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: 67.109 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD067561.D

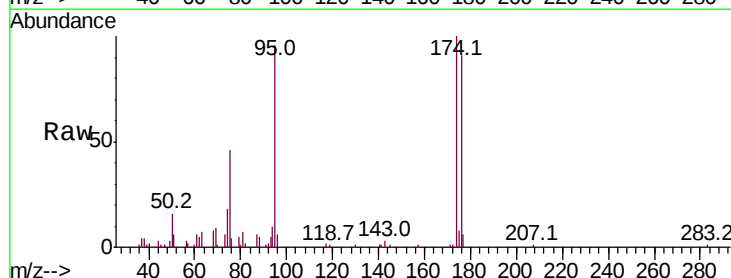
Acq: 09 Nov 2020 13:07

Tgt Ion: 75 Resp: 20151

Ion Ratio Lower Upper

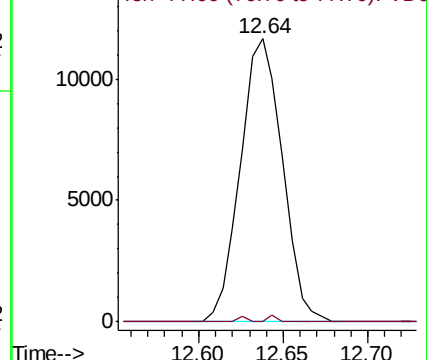
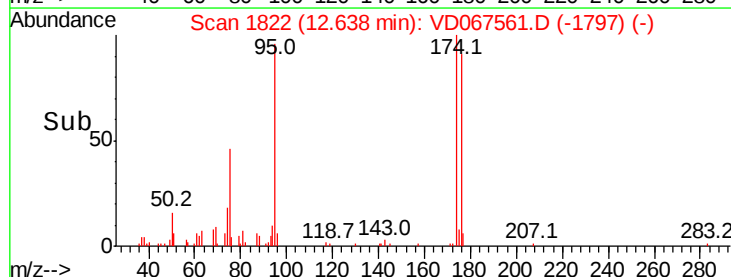
75 100

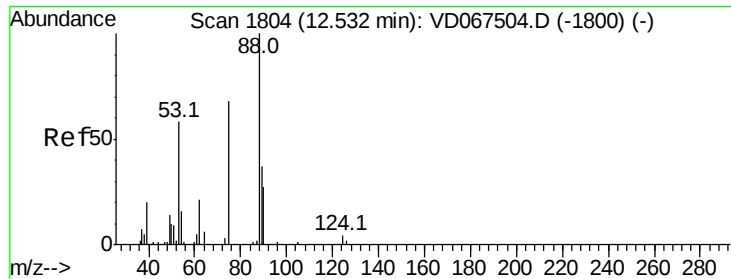
77 0.5 0.0 0.0#



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: 136.250 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067561.D

Acq: 09 Nov 2020 13:07

Instrument :

MSVOA_D

ClientSampleId :

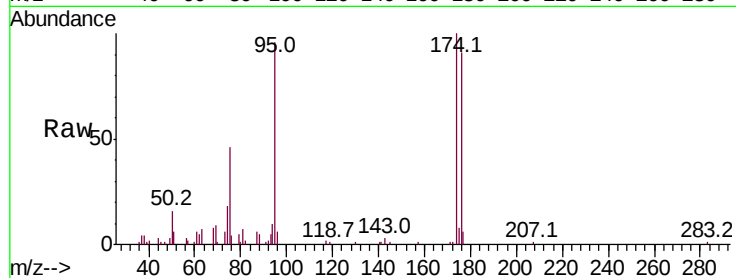
Tot Ion: 75 Resp: 20151

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

