

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112520\
 Data File : VD067789.D
 Acq On : 25 Nov 2020 16:10
 Operator : VA/SY
 Sample : L4893-01
 Misc : 5.17G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 R-LA-36-2-WC

Quant Time: Nov 26 00:25:26 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	7.99	168	349910	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	534704	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	564615	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	301917	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	167387	49.20	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.40%
35) Dibromofluoromethane	7.92	113	163066	47.92	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.84%
50) Toluene-d8	10.34	98	617408	49.63	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.26%
62) 4-Bromofluorobenzene	12.64	95	247075	58.10	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	116.20%

Target Compounds

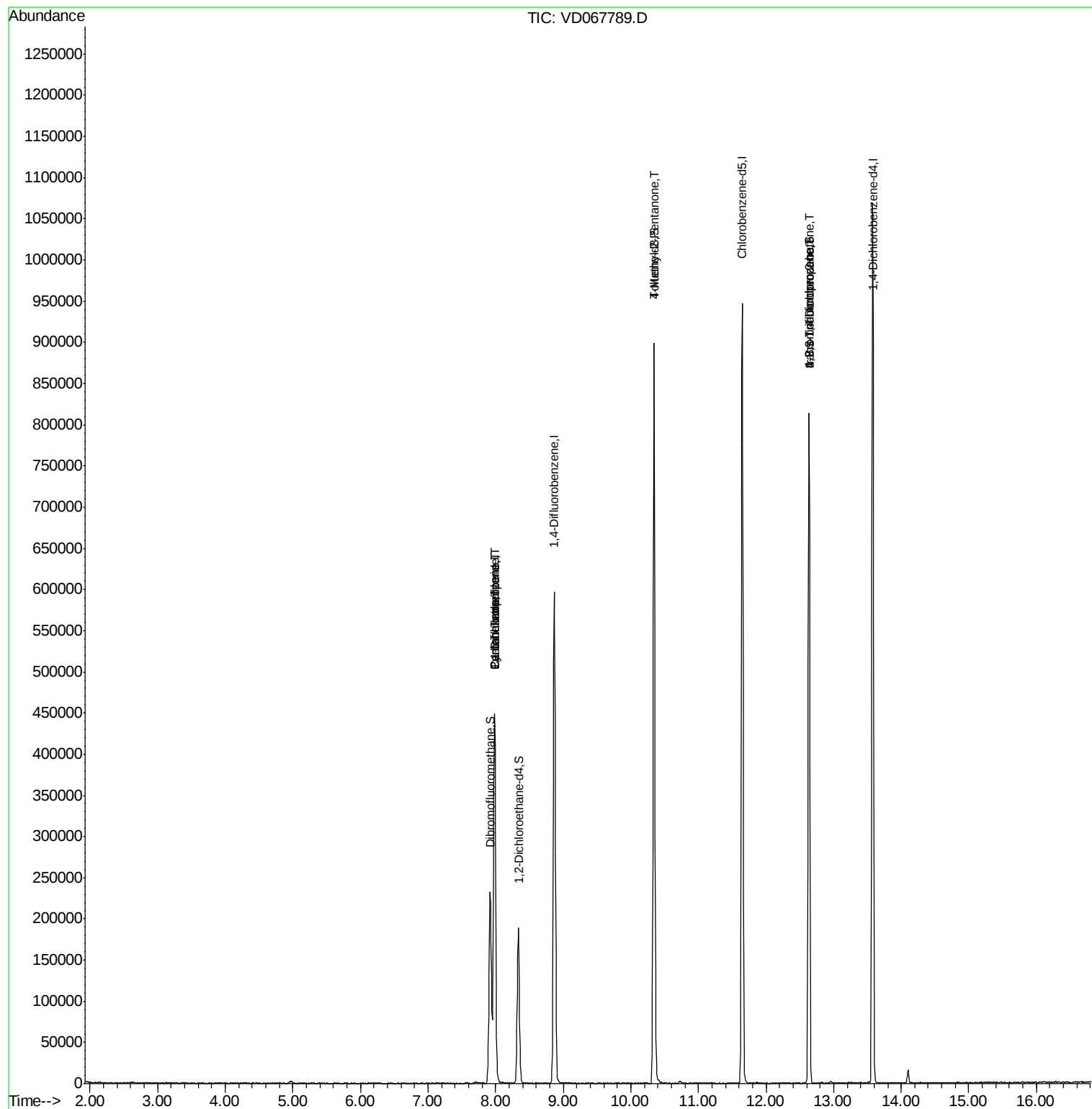
					Qvalue	
20) Methylene Chloride	4.97	84	1192	Below Cal	#	75
31) Cyclohexane	7.99	56	6471	1.572	ug/l #	42
36) 1,1-Dichloropropene	7.98	75	24385	5.315	ug/l #	50
38) Carbon Tetrachloride	7.99	117	35527	5.342	ug/l #	14
51) 4-Methyl-2-Pentanone	10.34	43	2365	2.040	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	139456	66.275	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	139456	155.011	ug/l #	11

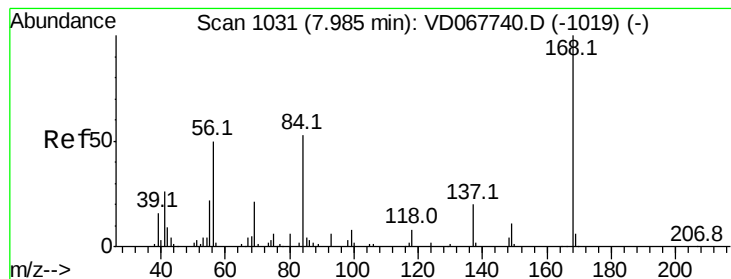
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD112520\
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Quant Time: Nov 26 00:25:26 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: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067789.D

Acq: 25 Nov 2020 16:10

Instrument :

MSVOA_D

ClientSampleId :

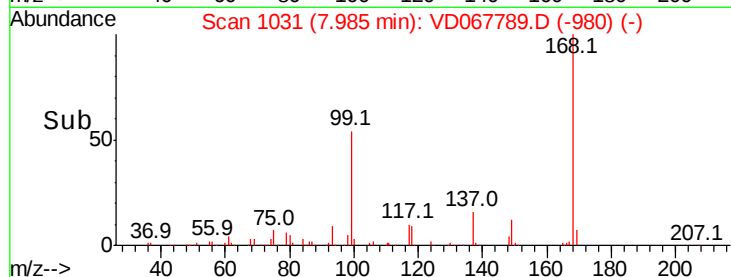
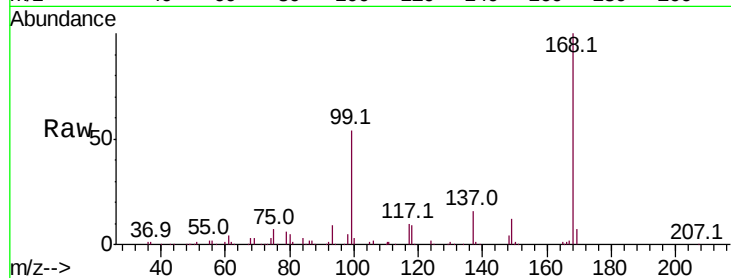
R-LA-36-2-WC

Tot Ion:168 Resp: 349910

Ion Ratio Lower Upper

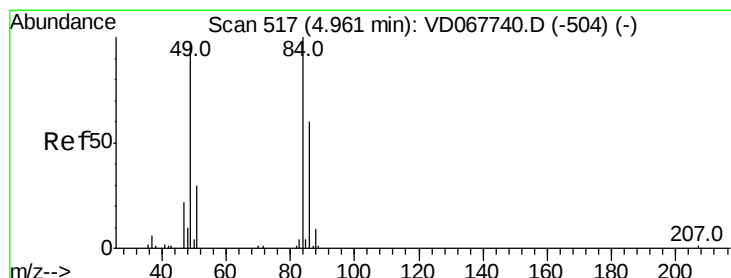
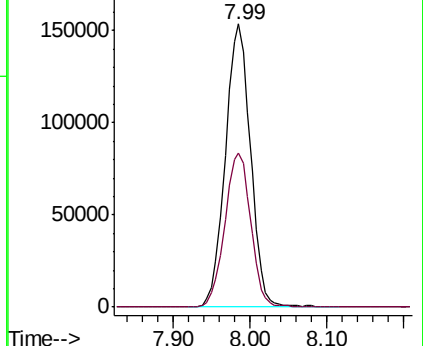
168 100

99 54.4 43.8 65.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#20

Methylene Chloride

Concen: Below Cal

RT: 4.97 min Scan# 518

Delta R.T. 0.01 min

Lab File: VD067789.D

Acq: 25 Nov 2020 16:10

Tgt Ion: 84 Resp: 1192

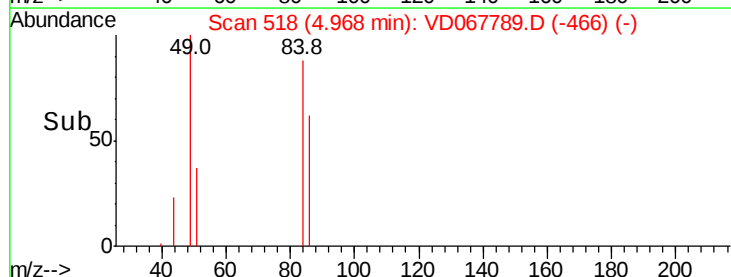
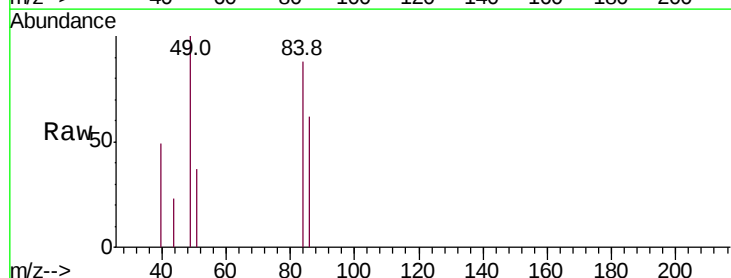
Ion Ratio Lower Upper

84 100

49 88.9 77.4 116.2

51 55.1 24.1 36.1#

86 92.3 48.2 72.2#

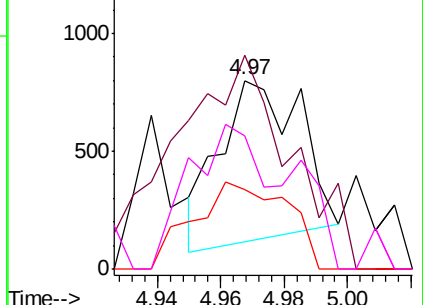


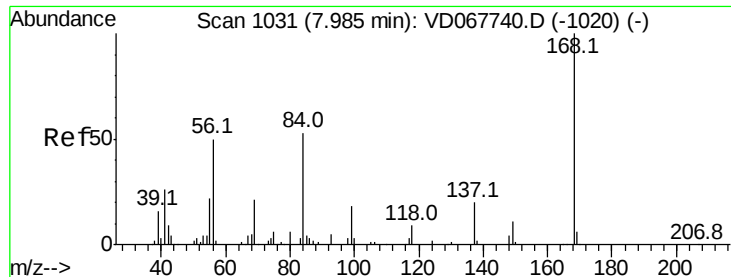
Abundance Ion 83.90 (83.60 to 84.60): VDC

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

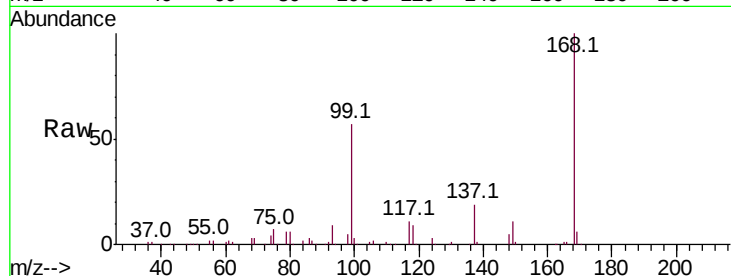




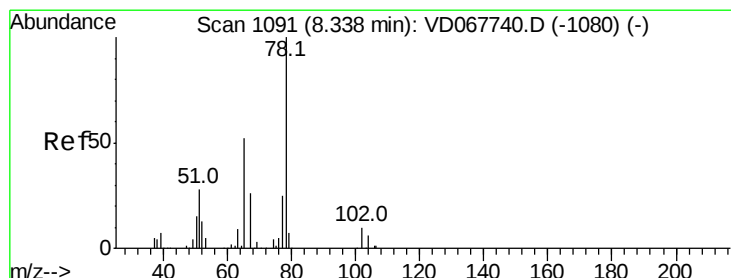
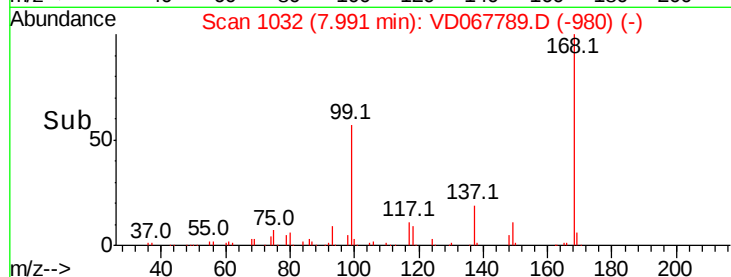
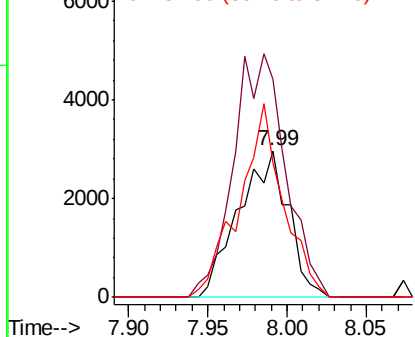
#31
Cyclohexane
Concen: 1.572 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VD067789.D
Acq: 25 Nov 2020 16:10

Instrument :
MSVOA_D
ClientSampleId :
R-LA-36-2-WC

Tot Ion: 56 Resp: 6471
Ion Ratio Lower Upper
56 100
69 148.8 33.2 49.8#
84 91.7 84.8 127.2

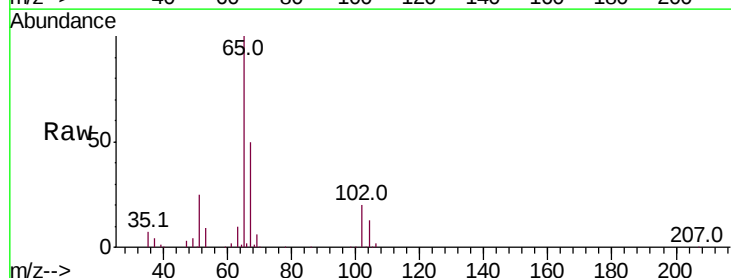


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

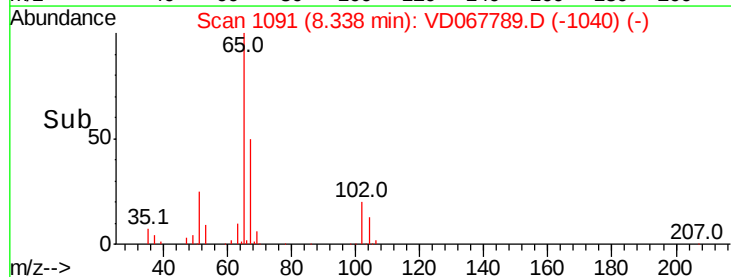
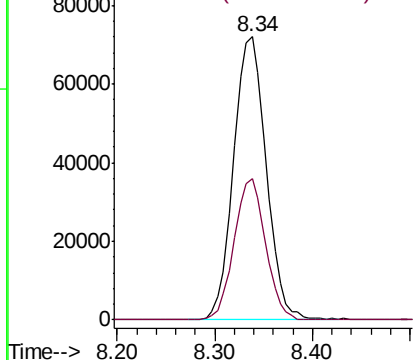


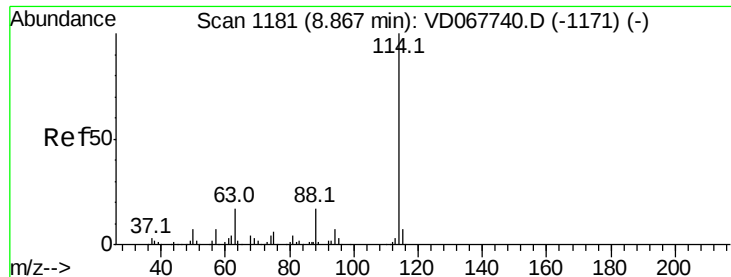
#33
1,2-Dichloroethane-d4
Concen: 49.199 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VD067789.D
Acq: 25 Nov 2020 16:10

Tgt Ion: 65 Resp: 167387
Ion Ratio Lower Upper
65 100
67 48.2 0.0 101.0



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

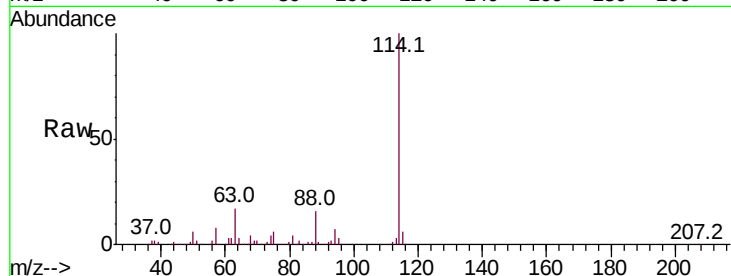




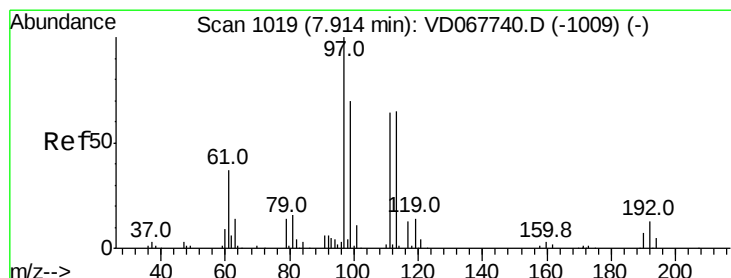
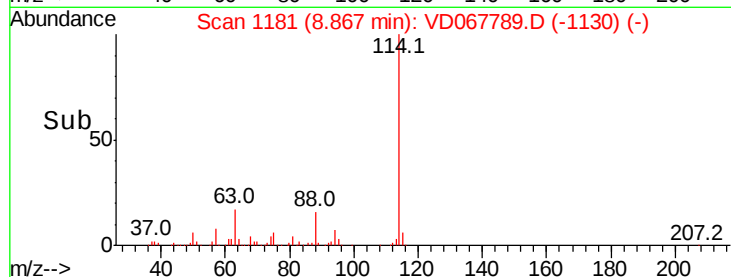
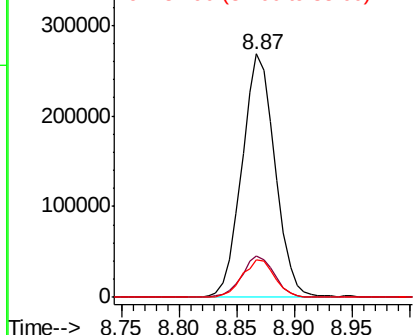
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD067789.D
Acq: 25 Nov 2020 16:10

Instrument :
MSVOA_D
ClientSampleId :
R-LA-36-2-WC

Tot Ion:114 Resp: 534704
Ion Ratio Lower Upper
114 100
63 16.7 0.0 34.8
88 15.6 0.0 34.4

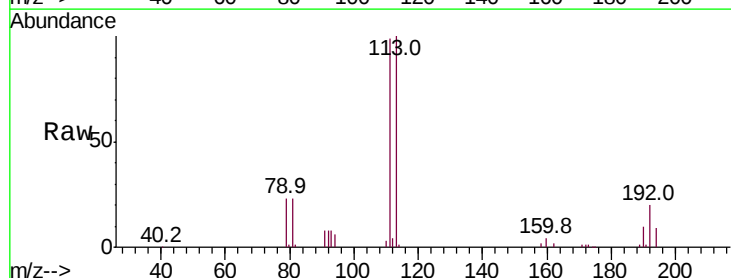


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

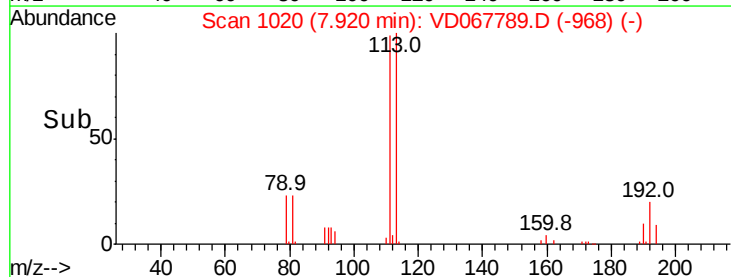
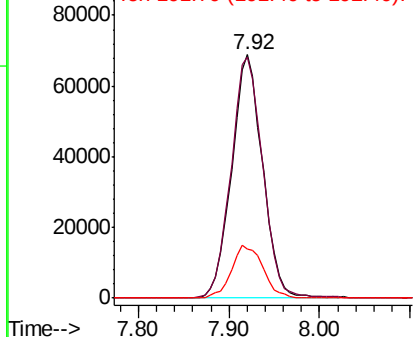


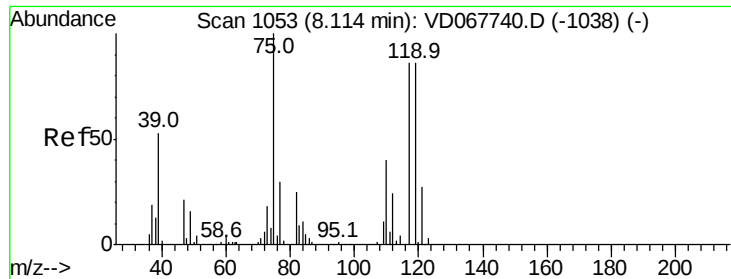
#35
Dibromofluoromethane
Concen: 47.920 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD067789.D
Acq: 25 Nov 2020 16:10

Tgt Ion:113 Resp: 163066
Ion Ratio Lower Upper
113 100
111 101.8 81.4 122.0
192 21.9 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: 5.315 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.14 min

Lab File: VD067789.D

Acq: 25 Nov 2020 16:10

Instrument :

MSVOA_D

ClientSampleId :

R-LA-36-2-WC

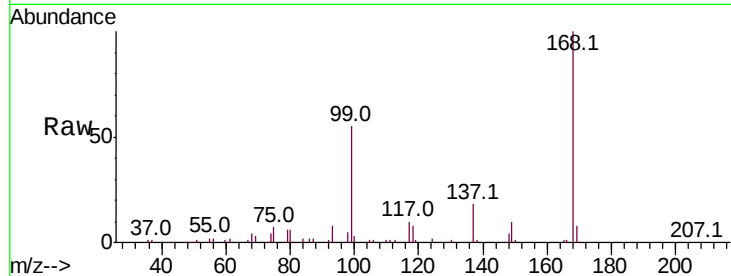
Tot Ion: 75 Resp: 24385

Ion Ratio Lower Upper

75 100

110 12.4 20.1 60.2#

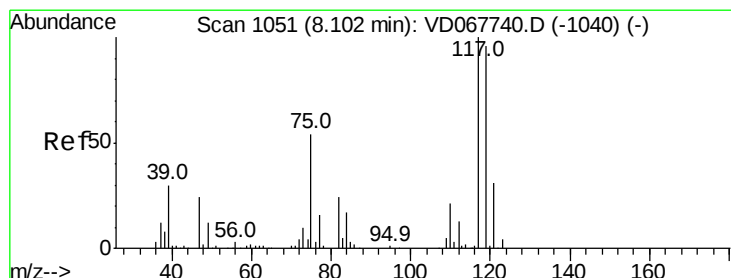
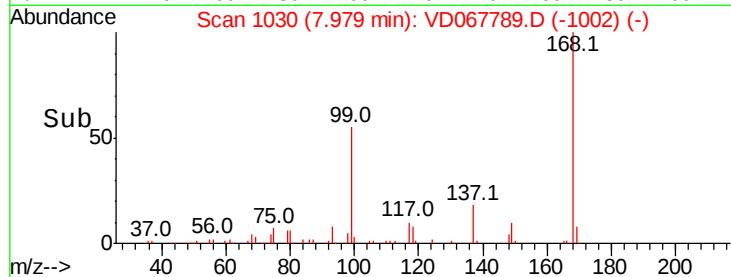
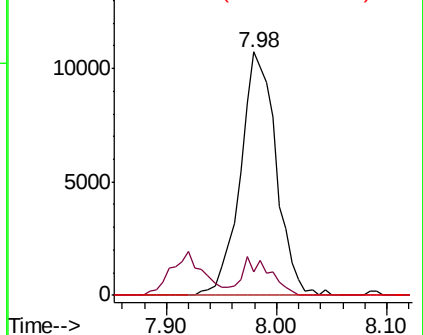
77 0.0 24.8 37.2#



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



#38

Carbon Tetrachloride

Concen: 5.342 ug/l

RT: 7.99 min Scan# 1032

Delta R.T. -0.11 min

Lab File: VD067789.D

Acq: 25 Nov 2020 16:10

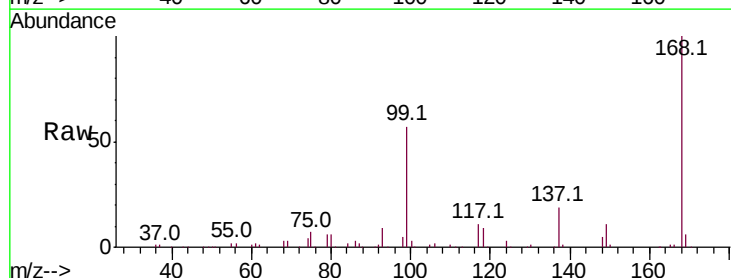
Tgt Ion: 117 Resp: 35527

Ion Ratio Lower Upper

117 100

119 3.1 76.6 115.0#

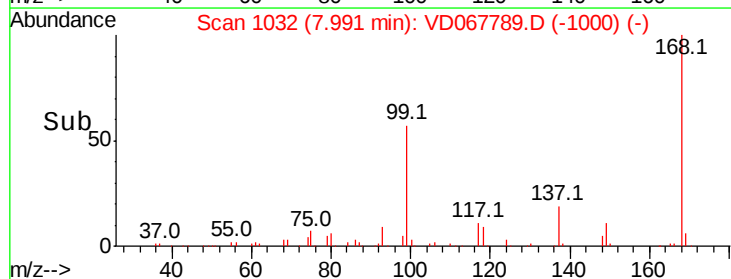
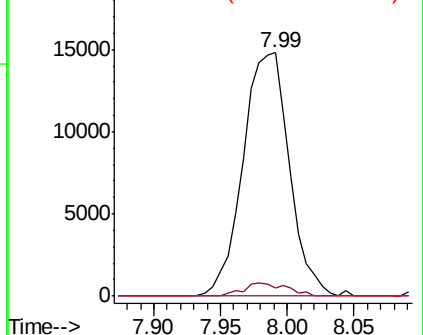
121 0.0 24.5 36.7#

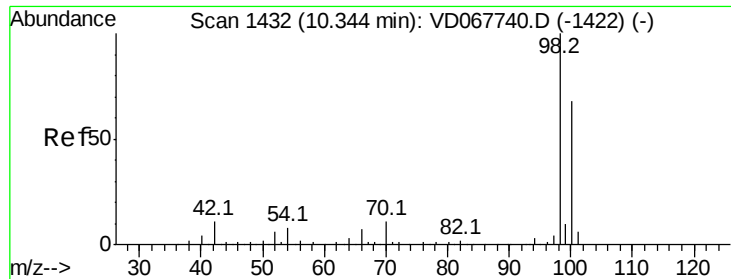


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 49.627 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067789.D

Acq: 25 Nov 2020 16:10

Instrument :

MSVOA_D

ClientSampleId :

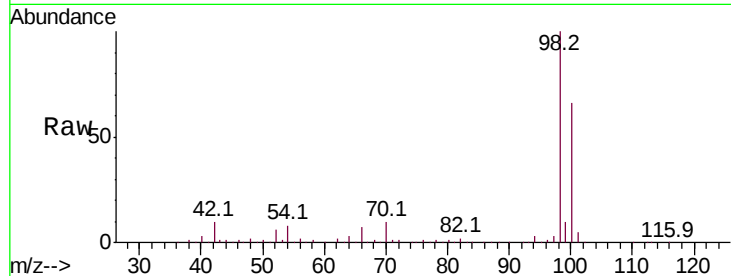
R-LA-36-2-WC

Tot Ion: 98 Resp: 617408

Ion Ratio Lower Upper

98 100

100 66.1 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

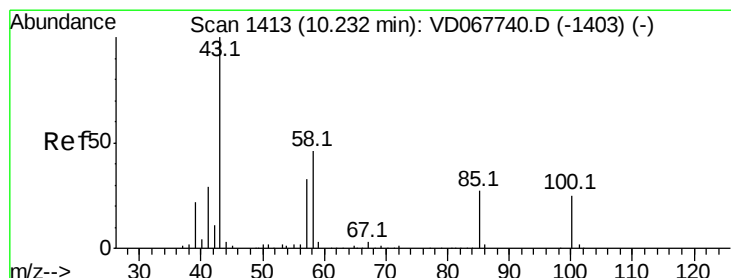
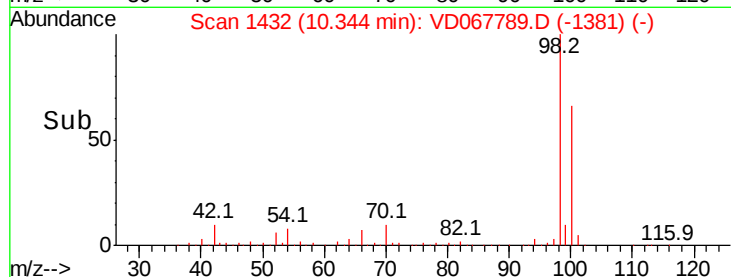
300000

200000

100000

0

Time--> 10.20 10.30 10.40 10.50



#51

4-Methyl-2-Pentanone

Concen: 2.040 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.11 min

Lab File: VD067789.D

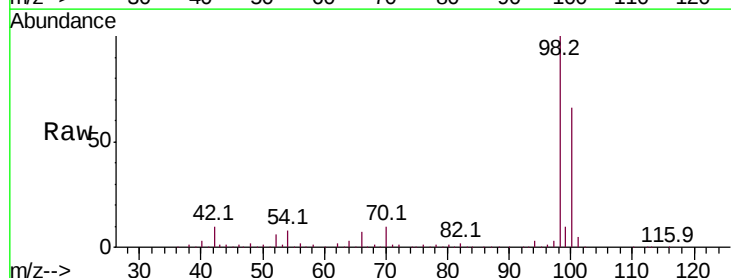
Acq: 25 Nov 2020 16:10

Tgt Ion: 43 Resp: 2365

Ion Ratio Lower Upper

43 100

58 178.4 34.7 52.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

2500

2000

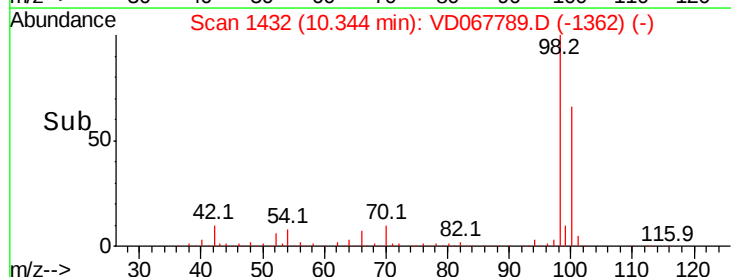
1500

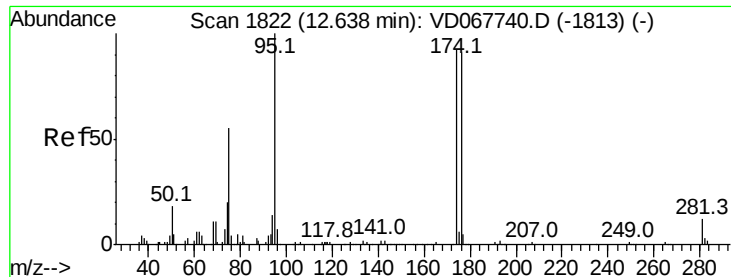
1000

500

0

Time--> 10.30 10.35

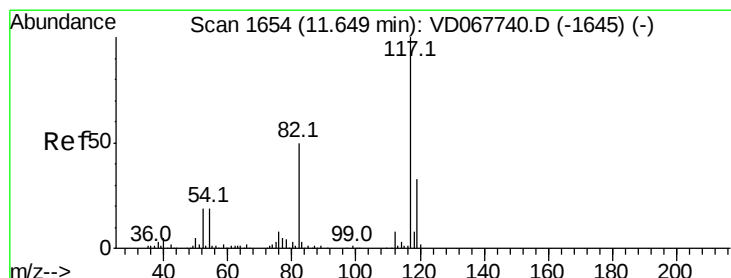
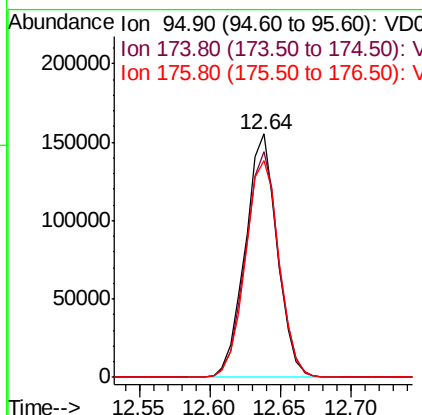
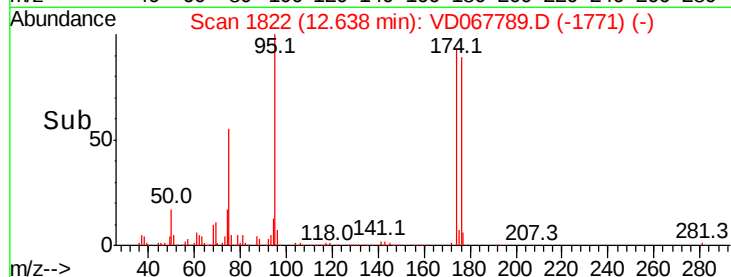
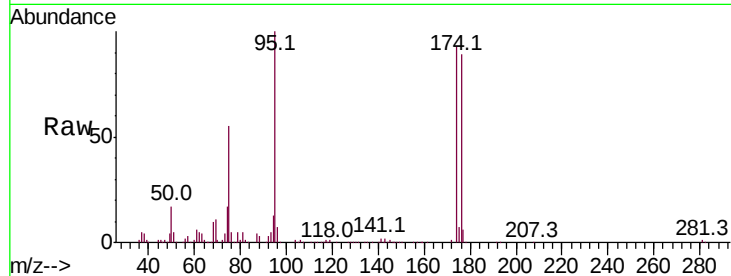




#62
4-Bromofluorobenzene
Concen: 58.102 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067789.D
Acq: 25 Nov 2020 16:10

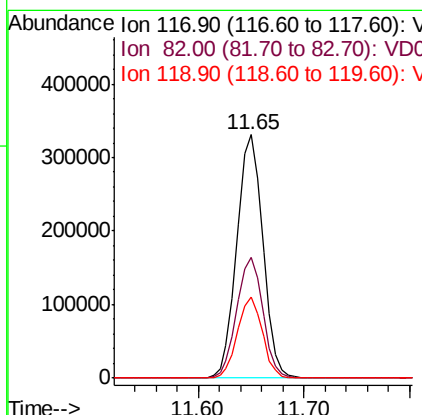
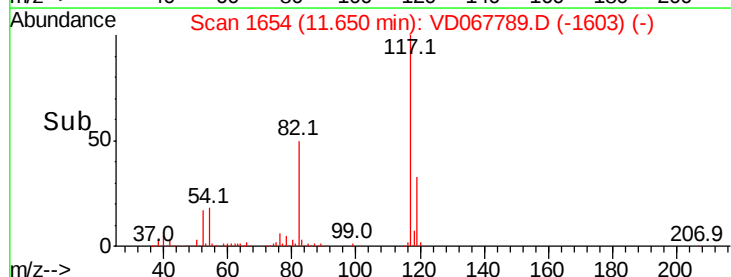
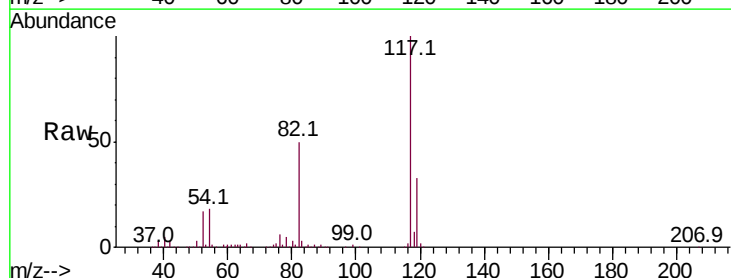
Instrument :
MSVOA_D
ClientSampleId :
R-LA-36-2-WC

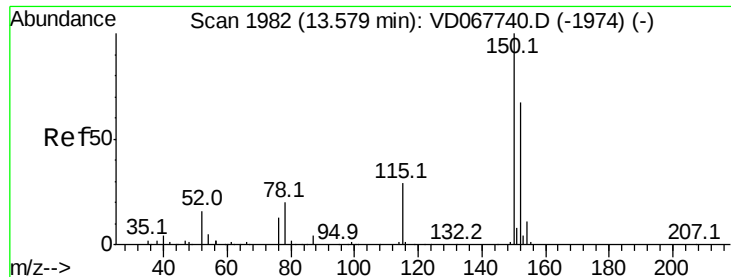
Tot Ion: 95 Resp: 247075
Ion Ratio Lower Upper
95 100
174 95.7 0.0 182.4
176 93.8 0.0 178.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067789.D
Acq: 25 Nov 2020 16:10

Tgt Ion: 117 Resp: 564615
Ion Ratio Lower Upper
117 100
82 49.6 40.2 60.4
119 33.2 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: VD067789.D

Acq: 25 Nov 2020 16:10

Instrument :

MSVOA_D

ClientSampleId :

R-LA-36-2-WC

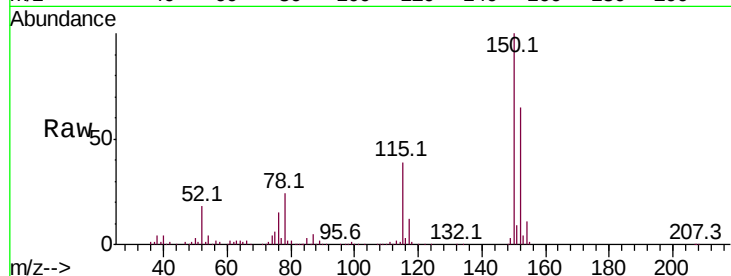
Tot Ion:152 Resp: 301917

Ion Ratio Lower Upper

152 100

115 58.3 29.4 88.3

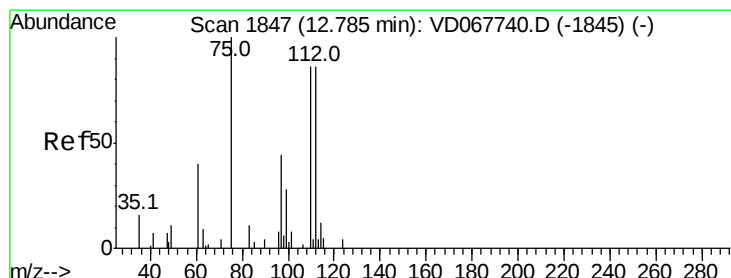
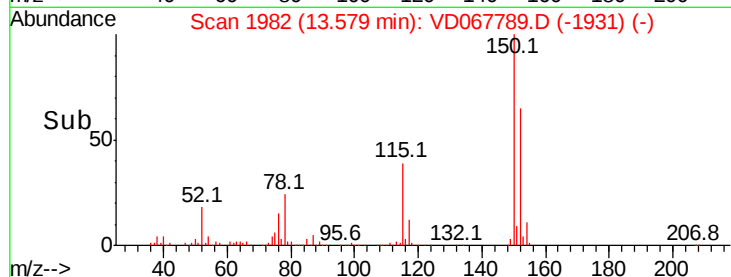
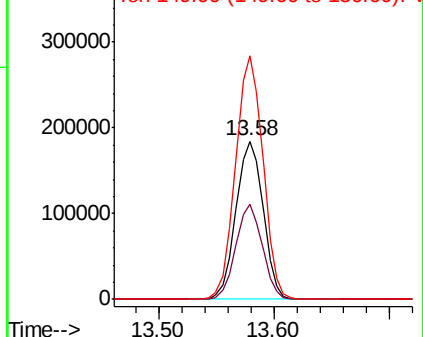
150 154.5 0.0 340.6



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: 66.275 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD067789.D

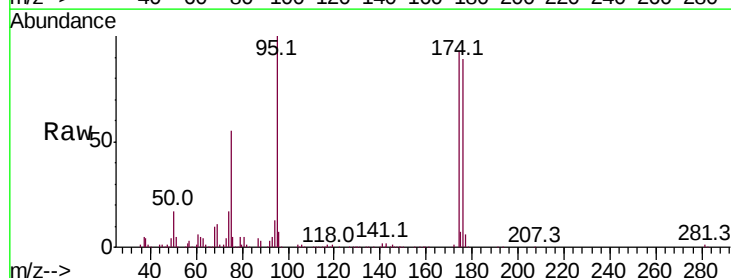
Acq: 25 Nov 2020 16:10

Tgt Ion: 75 Resp: 139456

Ion Ratio Lower Upper

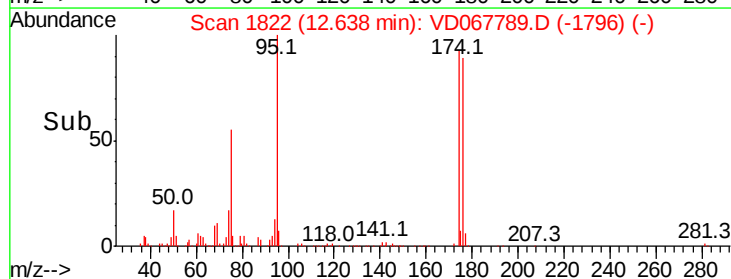
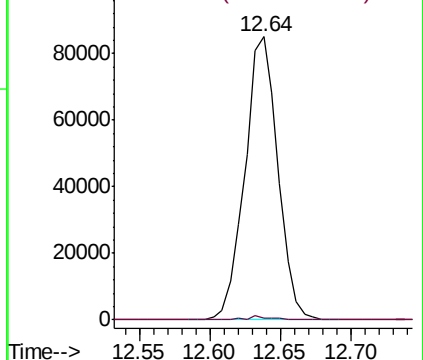
75 100

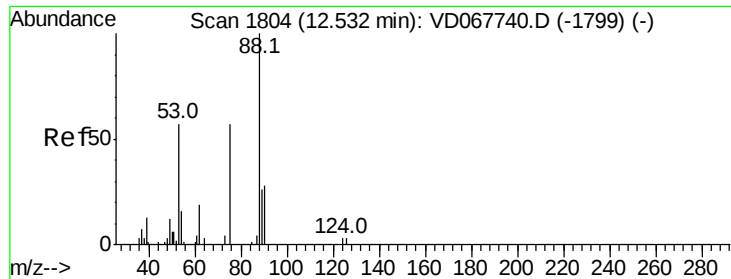
77 1.0 0.0 0.0#



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: 155.011 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067789.D

Acq: 25 Nov 2020 16:10

Instrument :

MSVOA_D

ClientSampleId :

R-LA-36-2-WC

Tot Ion: 75 Resp: 139456

Ion Ratio Lower Upper

75 100

53 0.0 76.0 114.0#

89 0.0 40.2 60.4#

